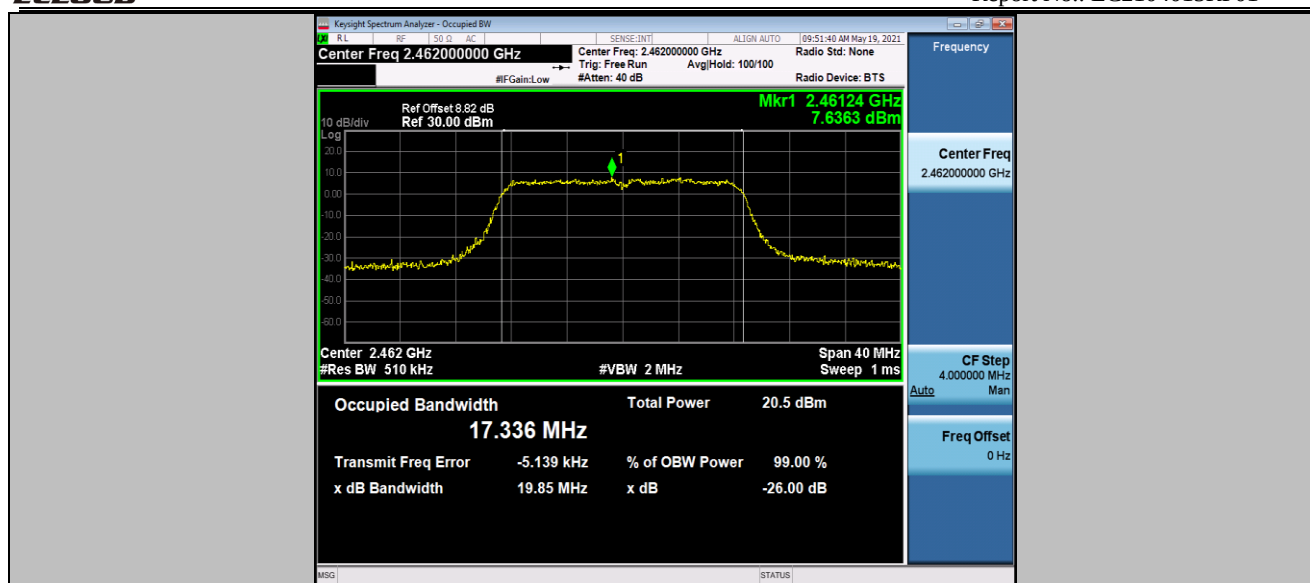
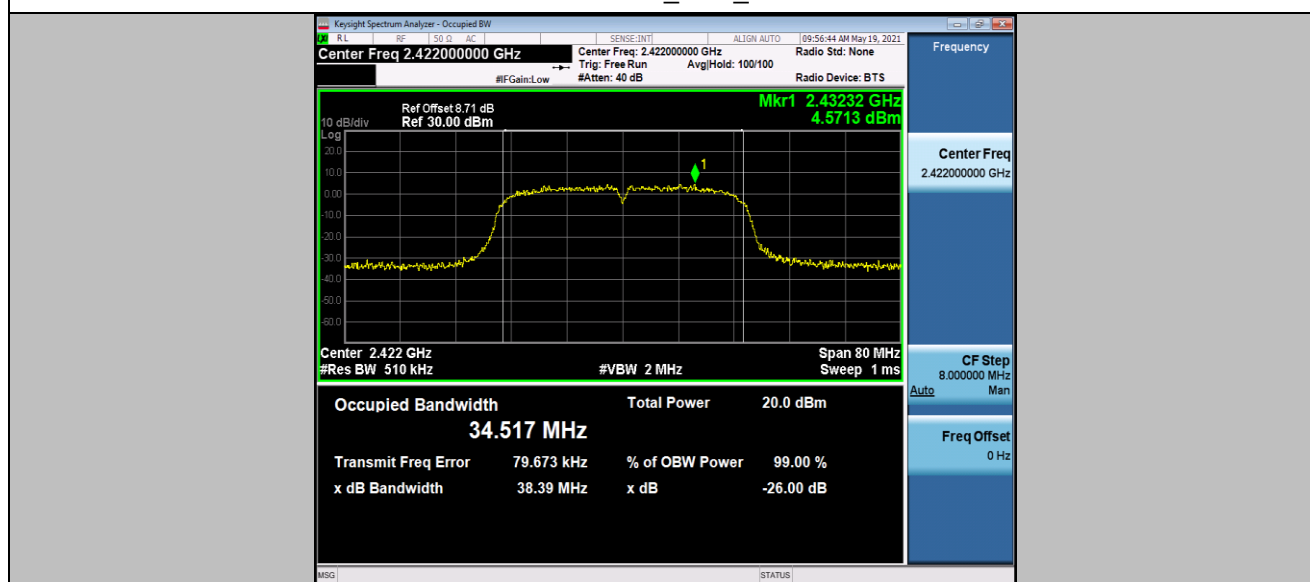
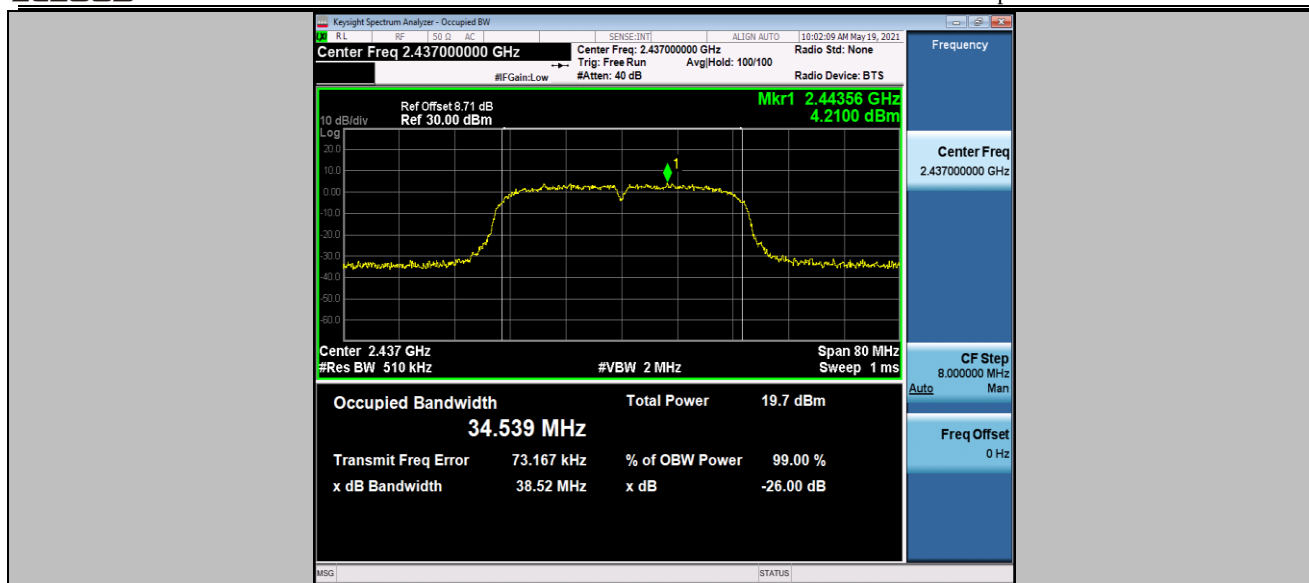




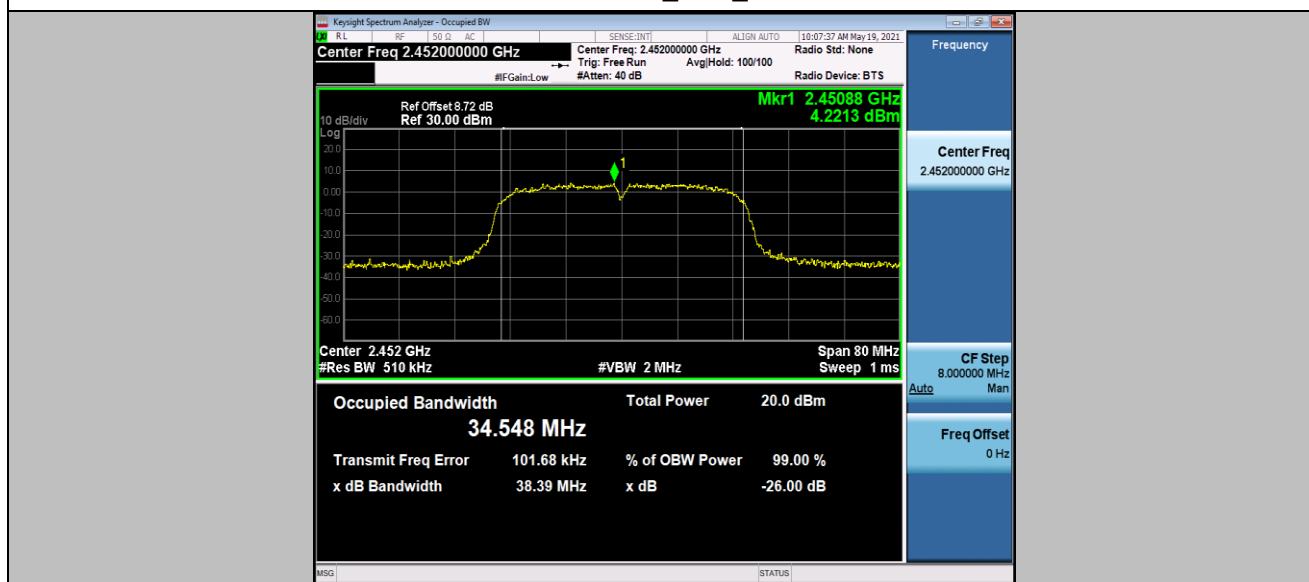
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



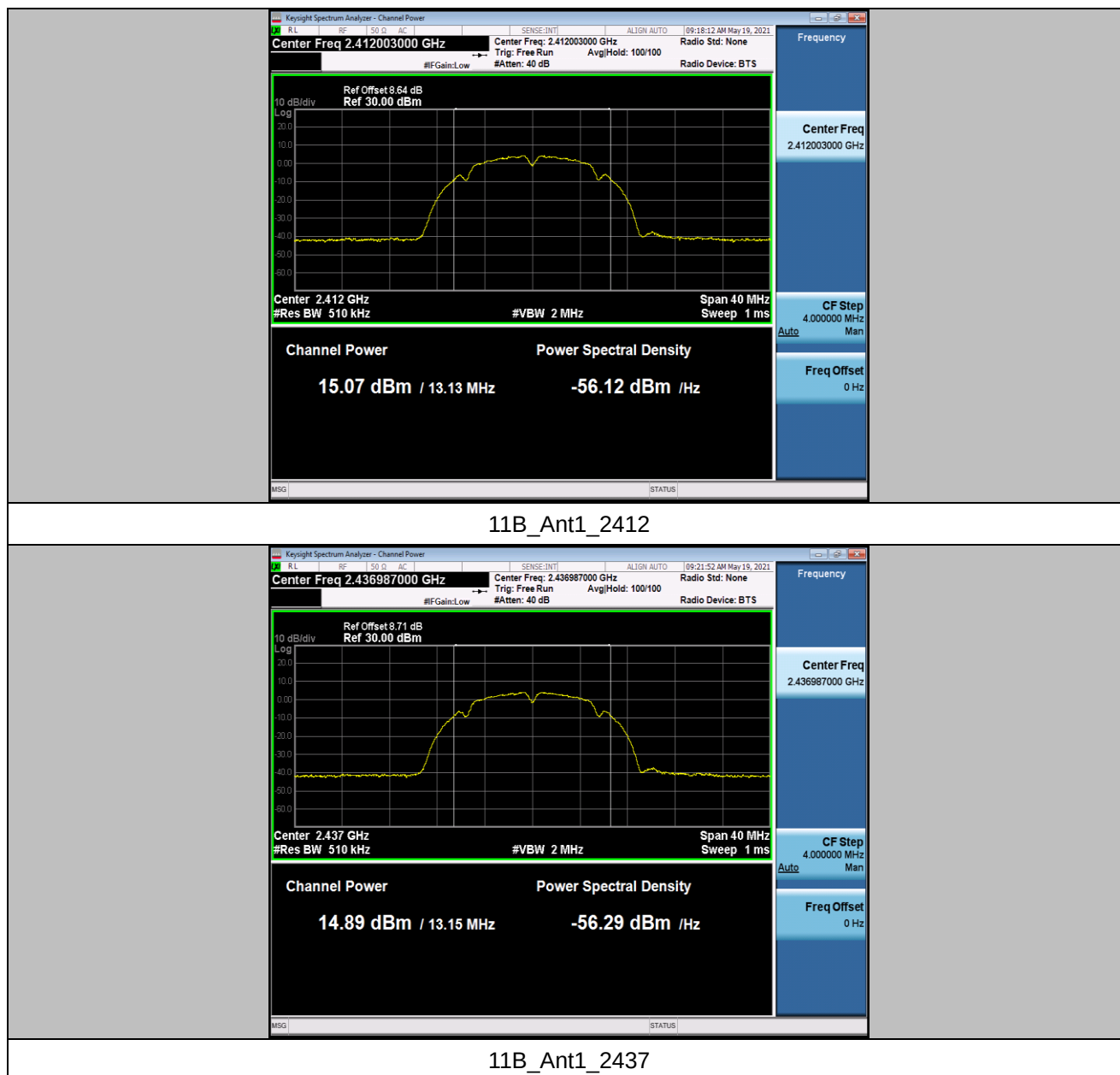
11N40SISO\_Ant1\_2452

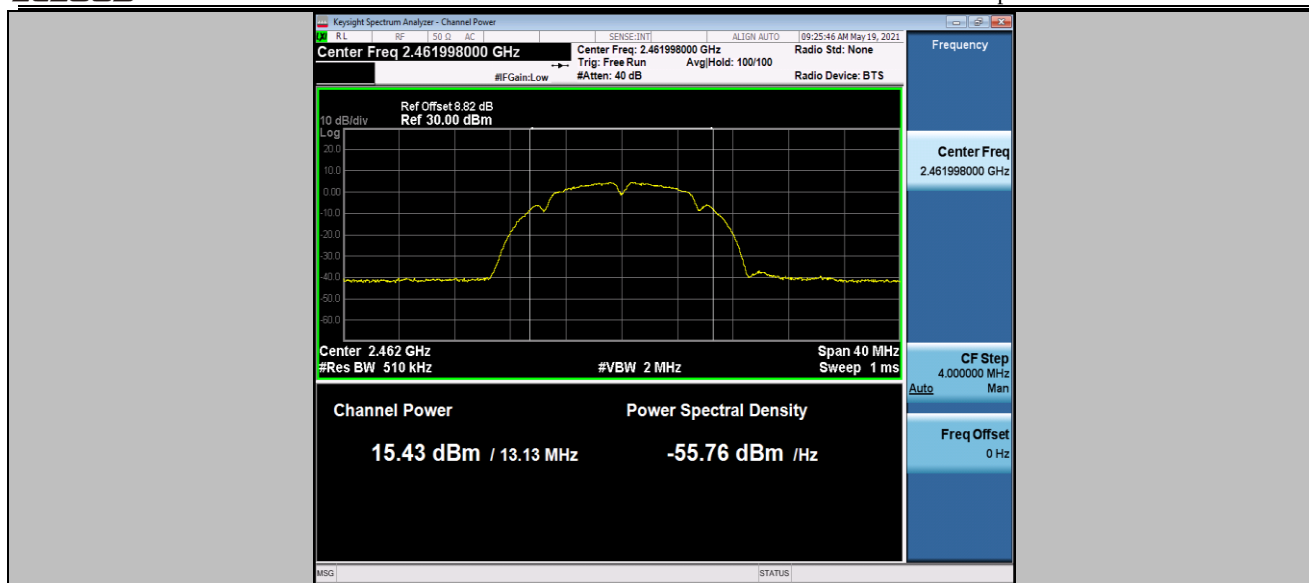
## Appendix C: Maximum conducted output power

### Test Result

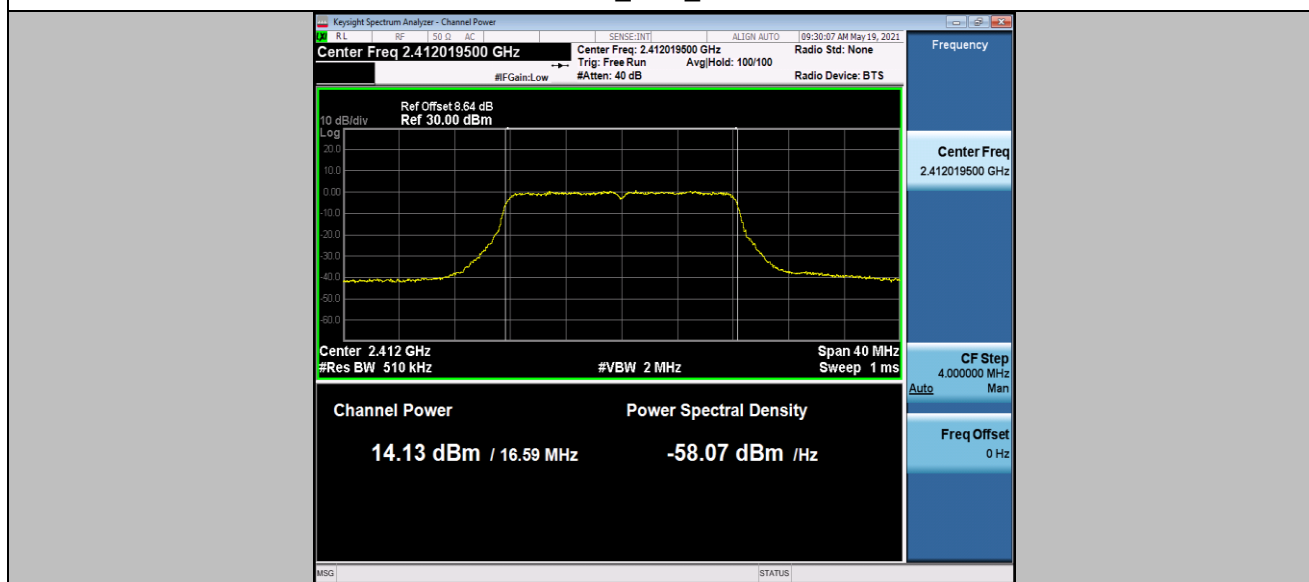
| TestMode  | Antenna | Channel | Result [dBm] | EIRP [dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|--------------|------------|------------|---------|
| 11B       | Ant1    | 2412    | 15.07        | 18.07      | <=30       | PASS    |
|           |         | 2437    | 14.89        | 17.89      | <=30       | PASS    |
|           |         | 2462    | 15.43        | 18.43      | <=30       | PASS    |
| 11G       | Ant1    | 2412    | 14.13        | 17.13      | <=30       | PASS    |
|           |         | 2437    | 13.88        | 16.88      | <=30       | PASS    |
|           |         | 2462    | 14.16        | 17.16      | <=30       | PASS    |
| 11N20SISO | Ant1    | 2412    | 13.94        | 16.94      | <=30       | PASS    |
|           |         | 2437    | 13.72        | 16.72      | <=30       | PASS    |
|           |         | 2462    | 13.98        | 16.98      | <=30       | PASS    |
| 11N40SISO | Ant1    | 2422    | 13.43        | 16.43      | <=30       | PASS    |
|           |         | 2437    | 13.24        | 16.24      | <=30       | PASS    |
|           |         | 2452    | 13.44        | 16.44      | <=30       | PASS    |

## Test Graphs

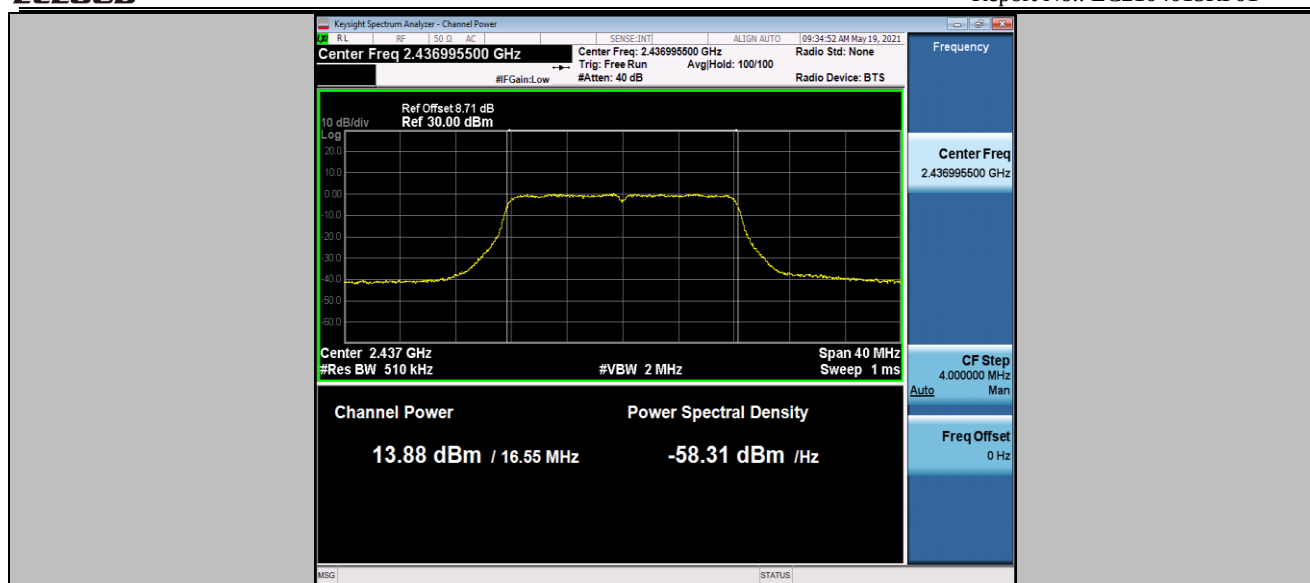




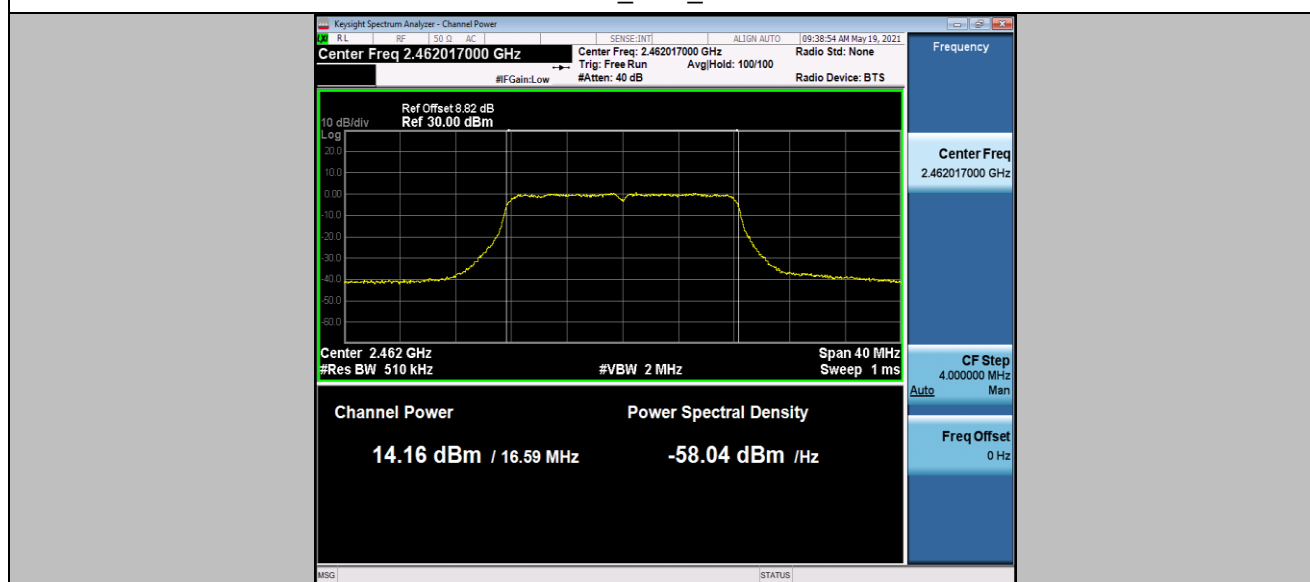
11B\_Ant1\_2462



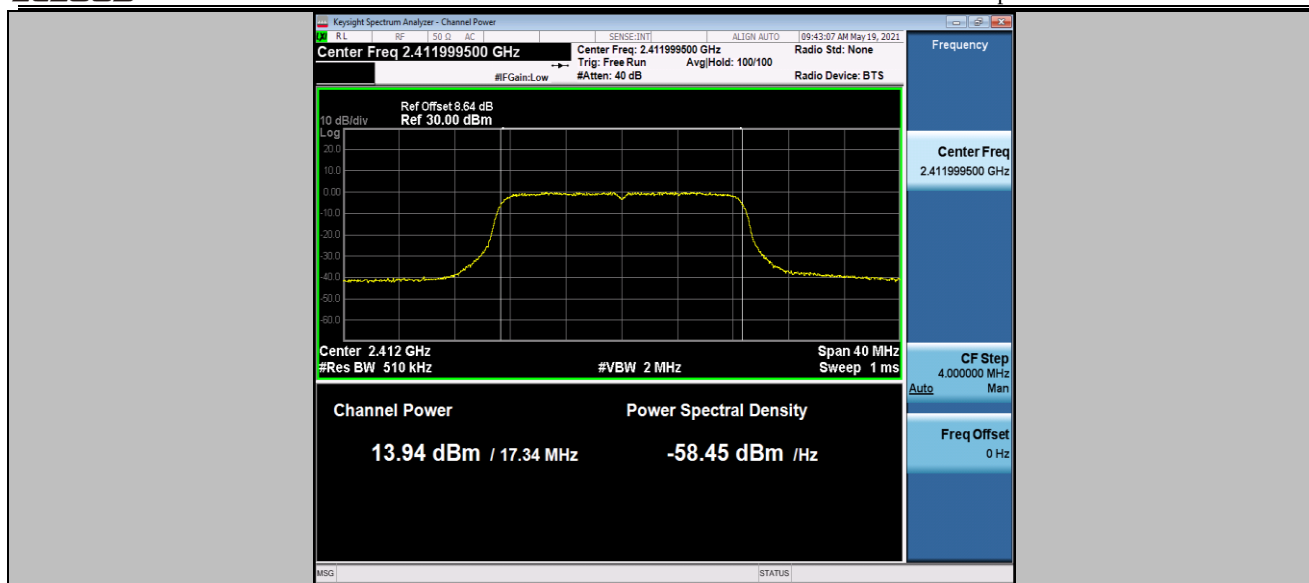
11G\_Ant1\_2412



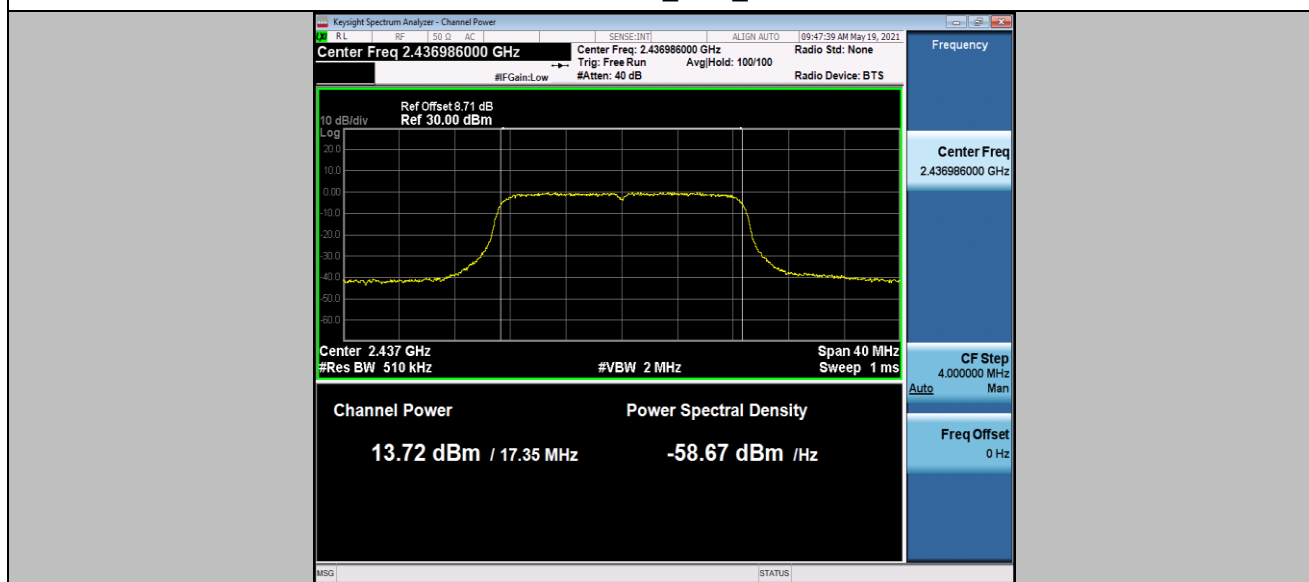
11G\_Ant1\_2437



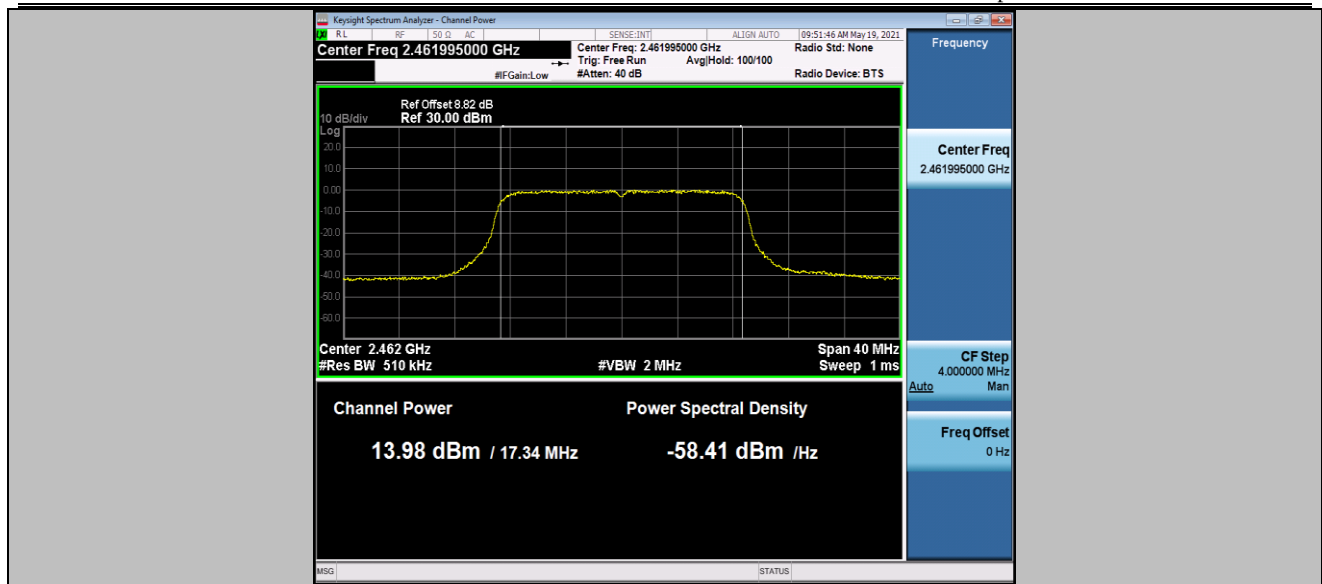
11G\_Ant1\_2462



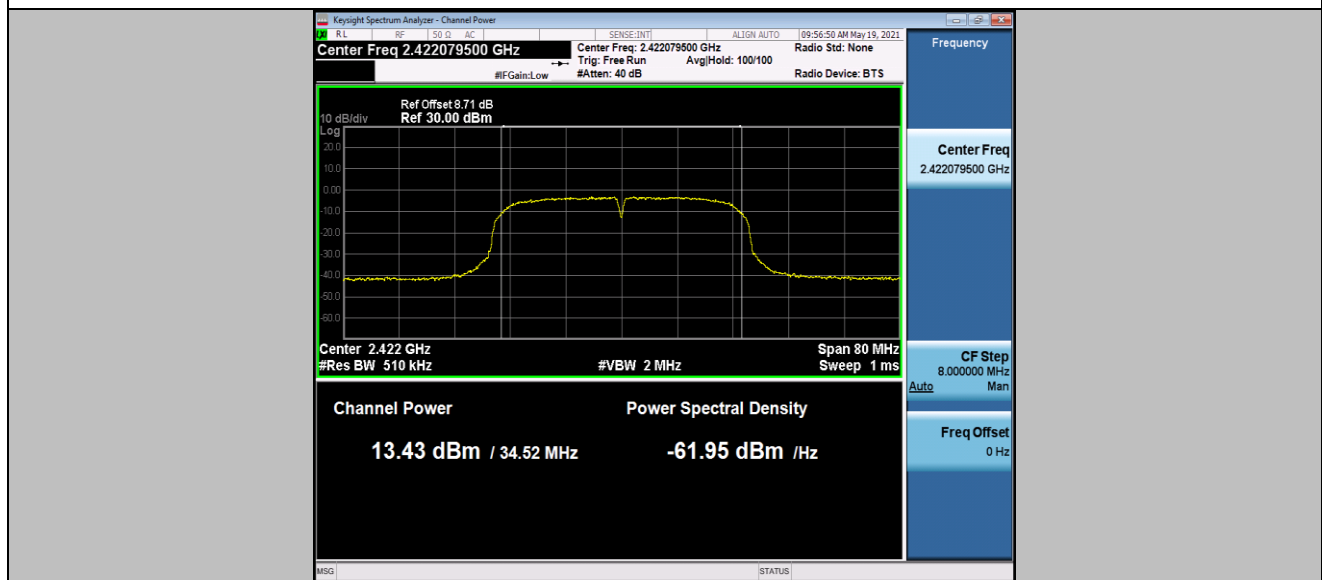
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

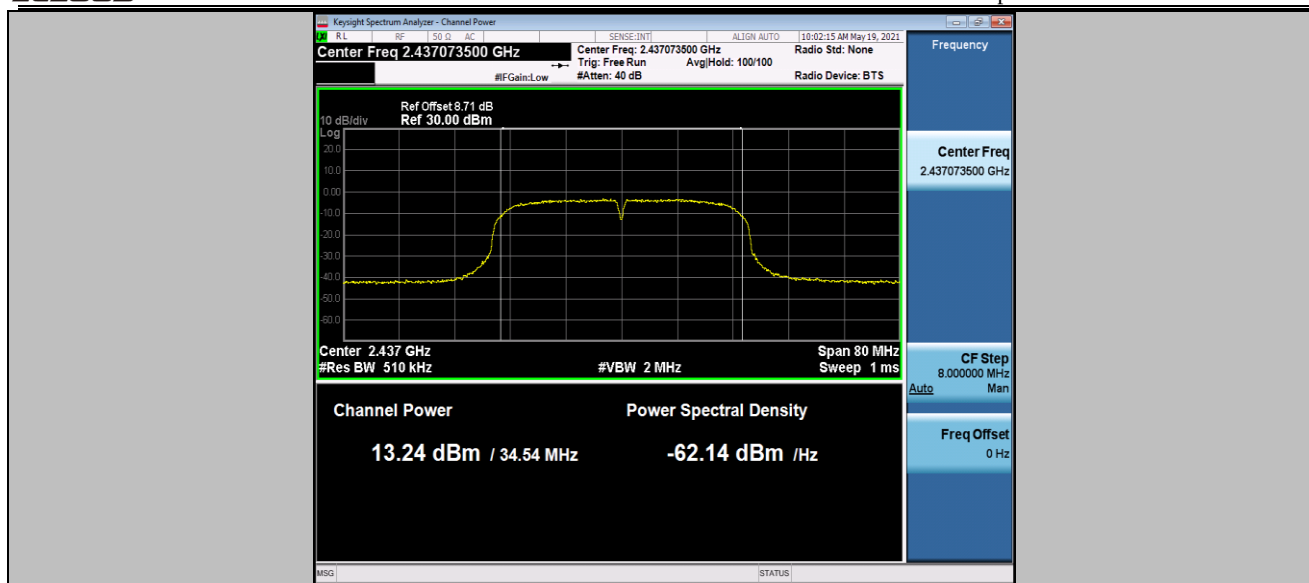


11N20SISO\_Ant1\_2462

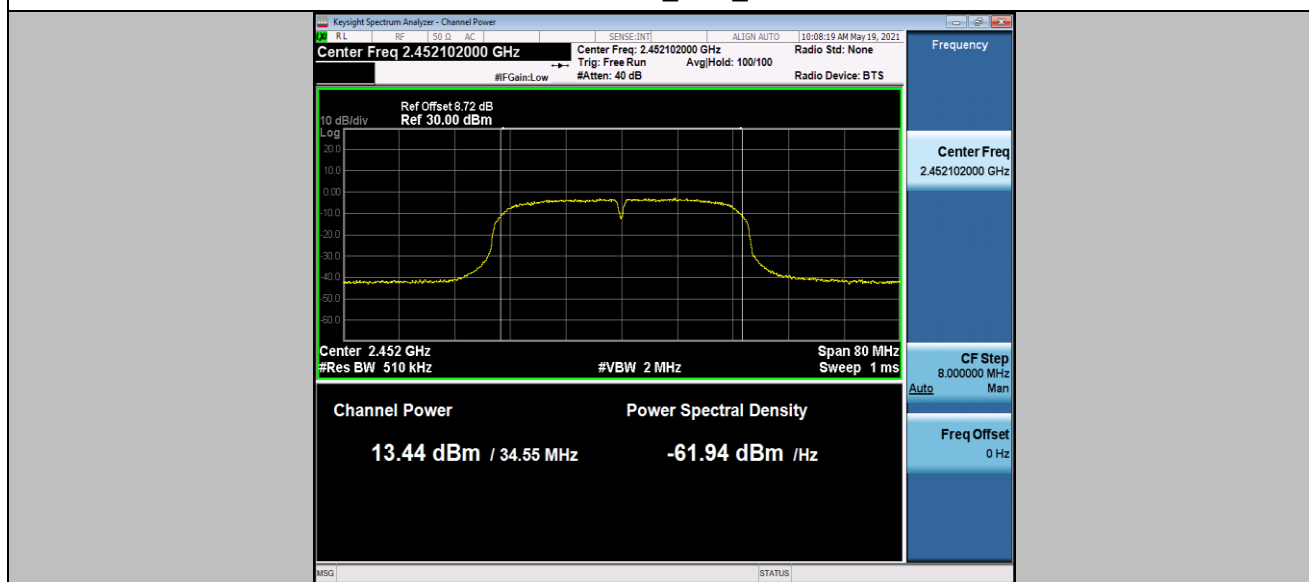


11N40SISO\_Ant1\_2422





11N40SISO\_Ant1\_2437



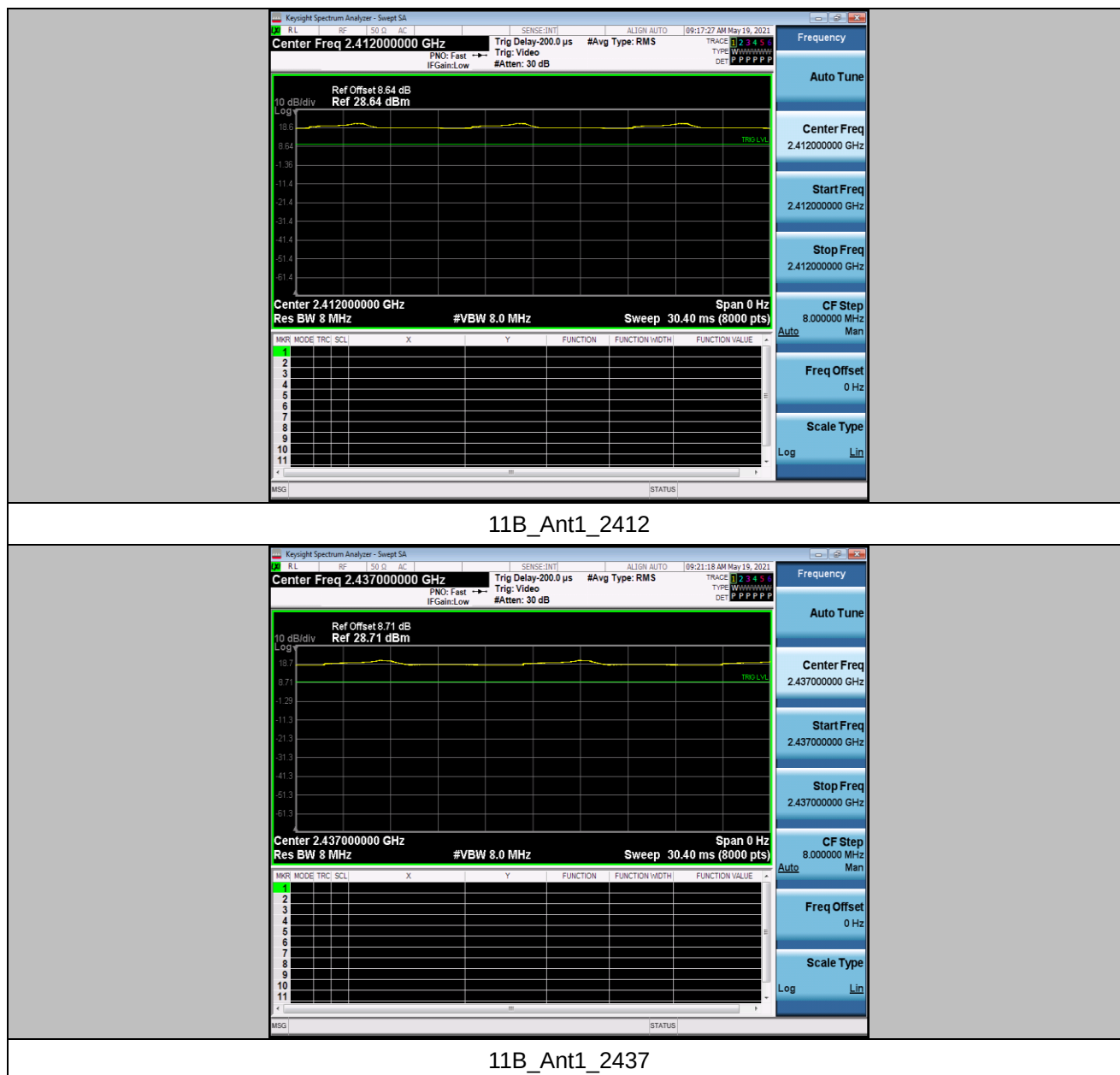
11N40SISO\_Ant1\_2452

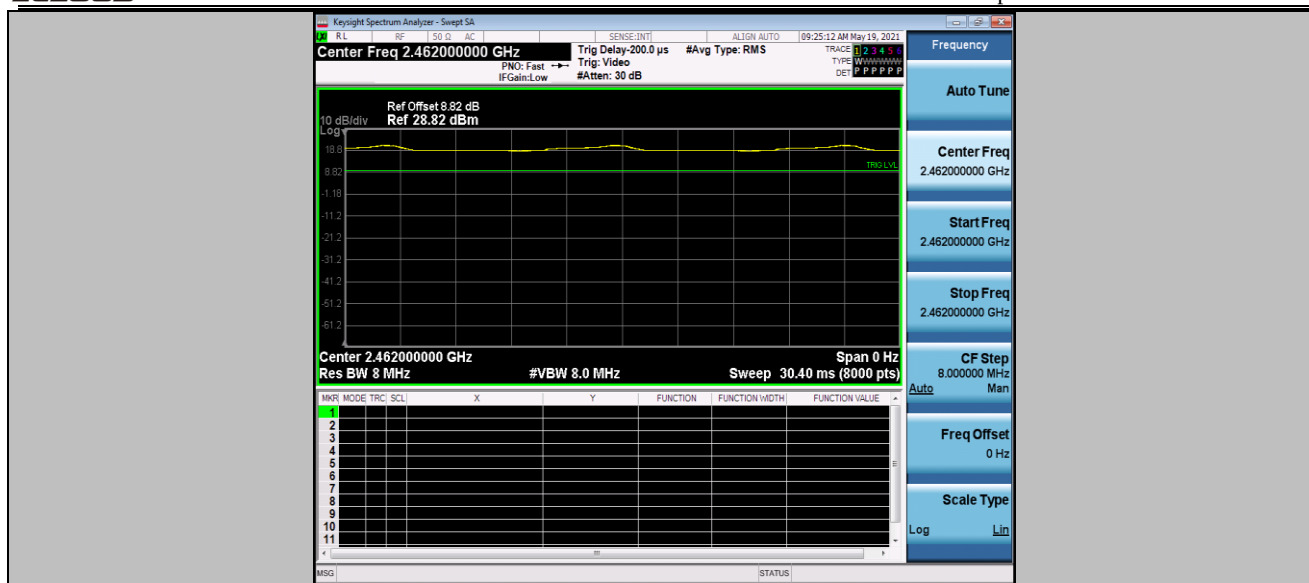
## Appendix D: Duty Cycle

### Test Result

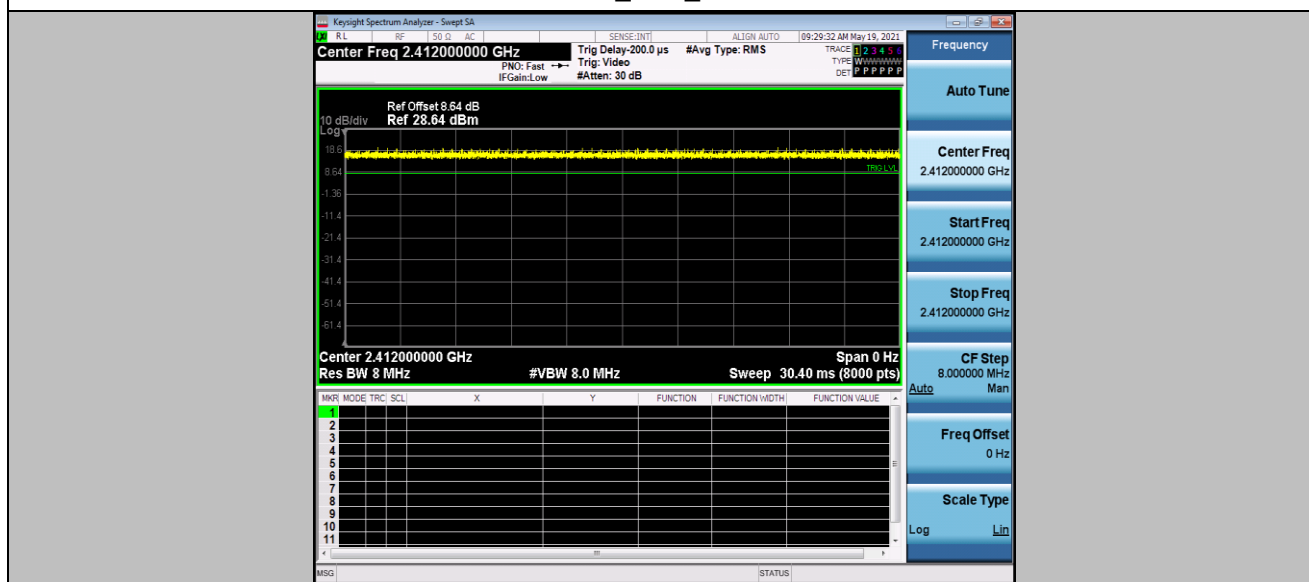
| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11B       | Ant1    | 2412    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2462    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
| 11G       | Ant1    | 2412    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2462    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
| 11N20SISO | Ant1    | 2412    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2462    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
| 11N40SISO | Ant1    | 2422    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2452    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |

## Test Graphs

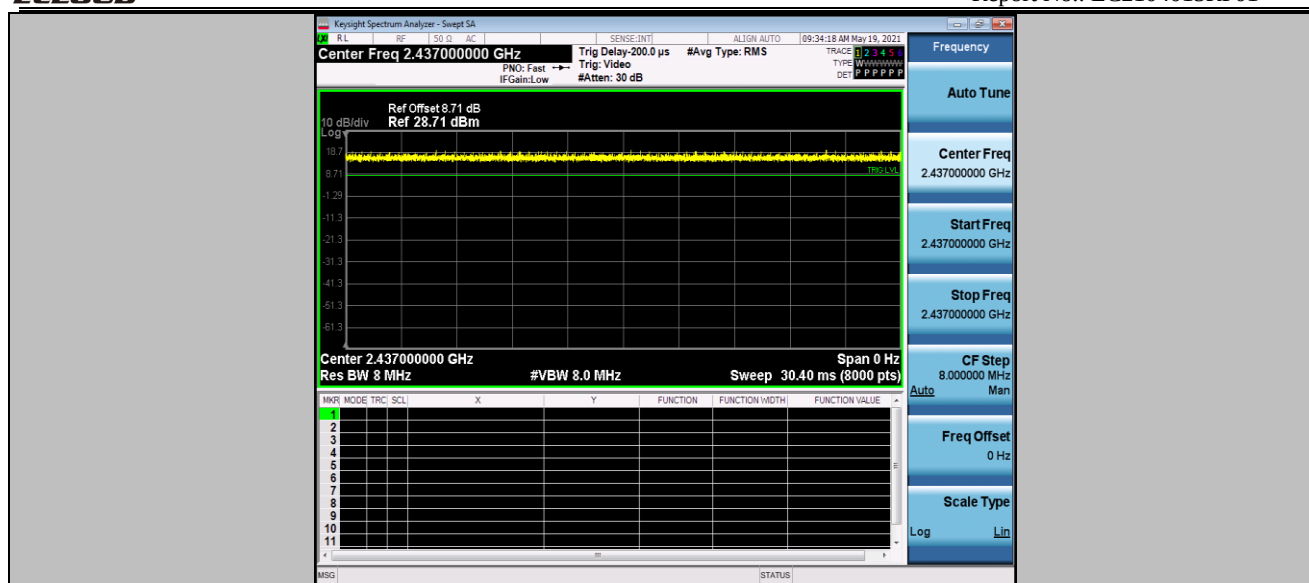




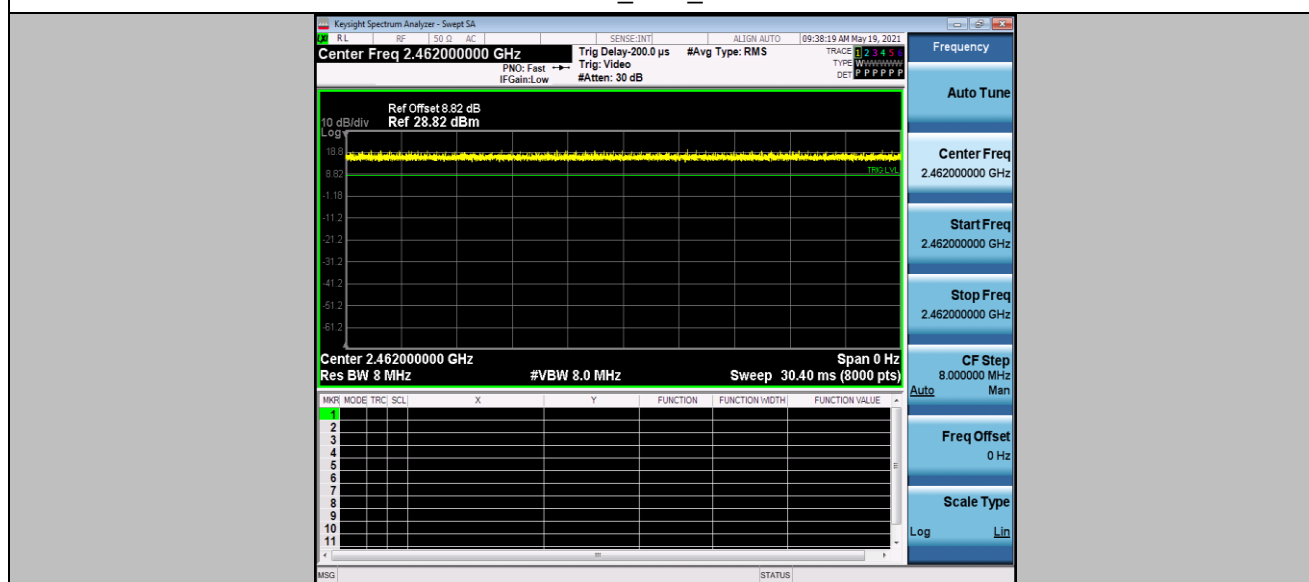
11B\_Ant1\_2462



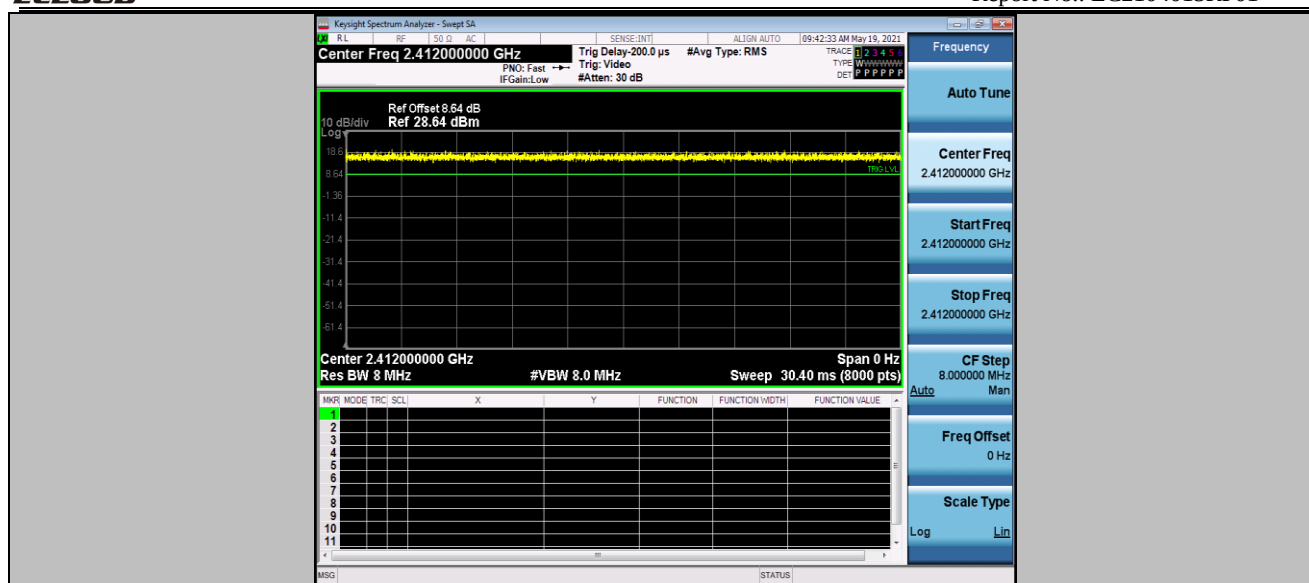
11G\_Ant1\_2412



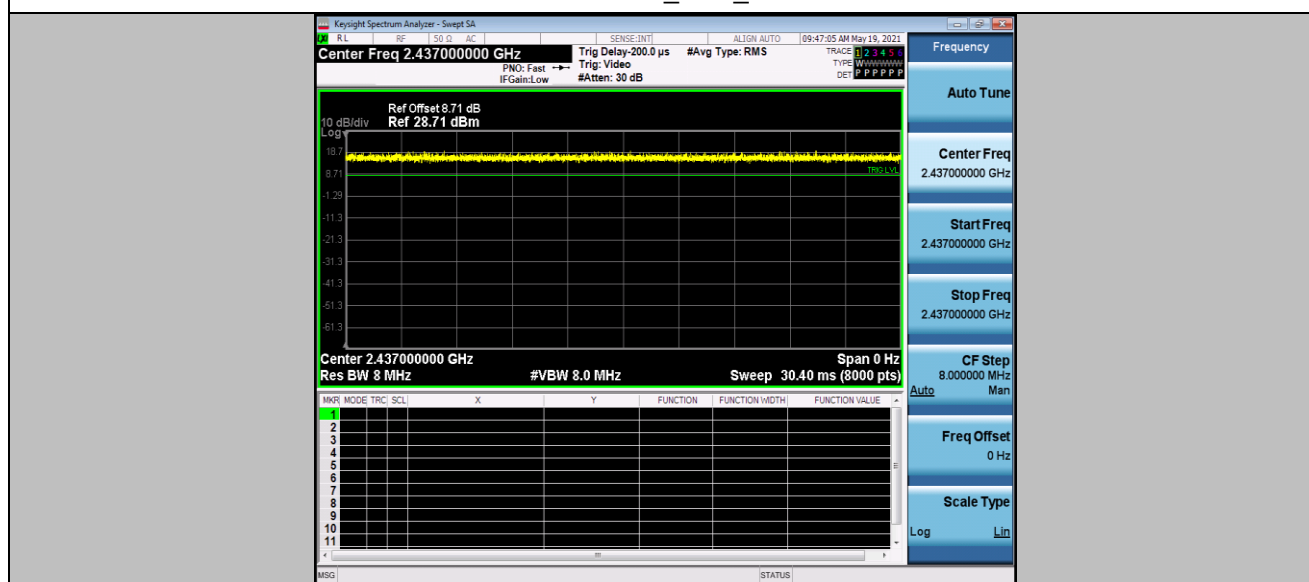
11G\_Ant1\_2437



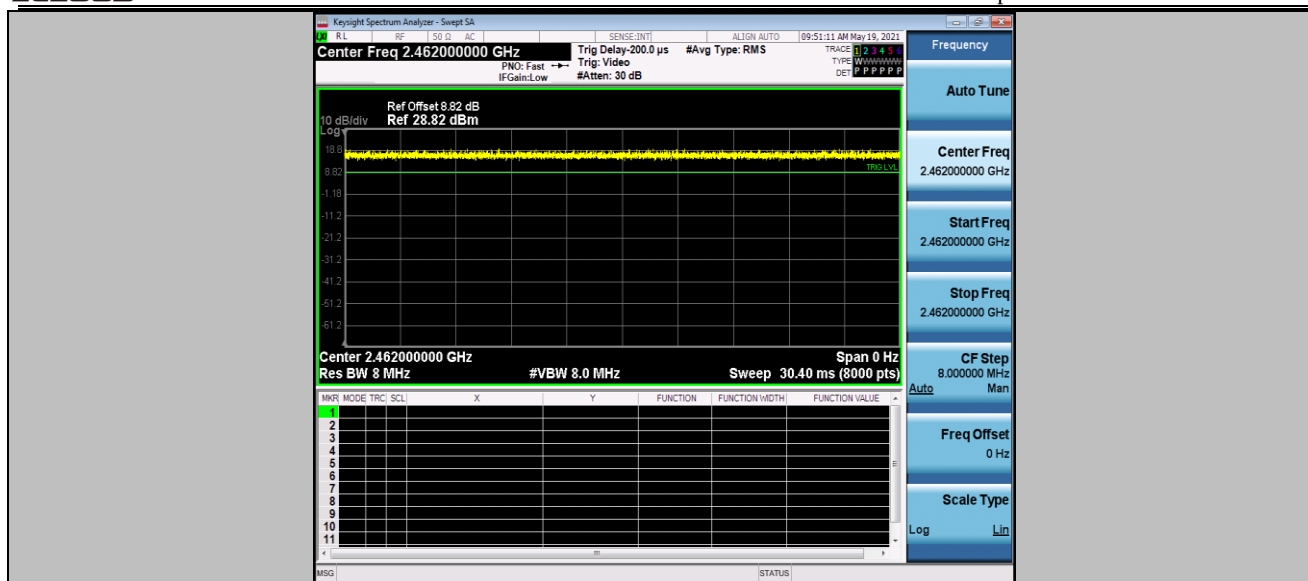
11G\_Ant1\_2462



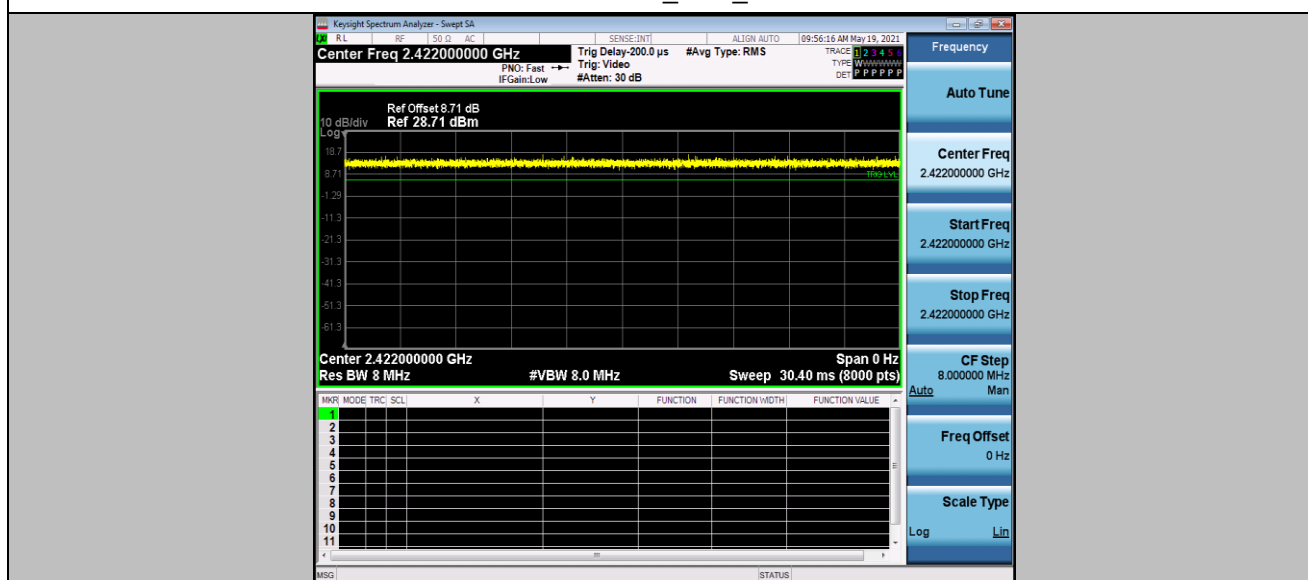
11N20SISO\_Ant1\_2412



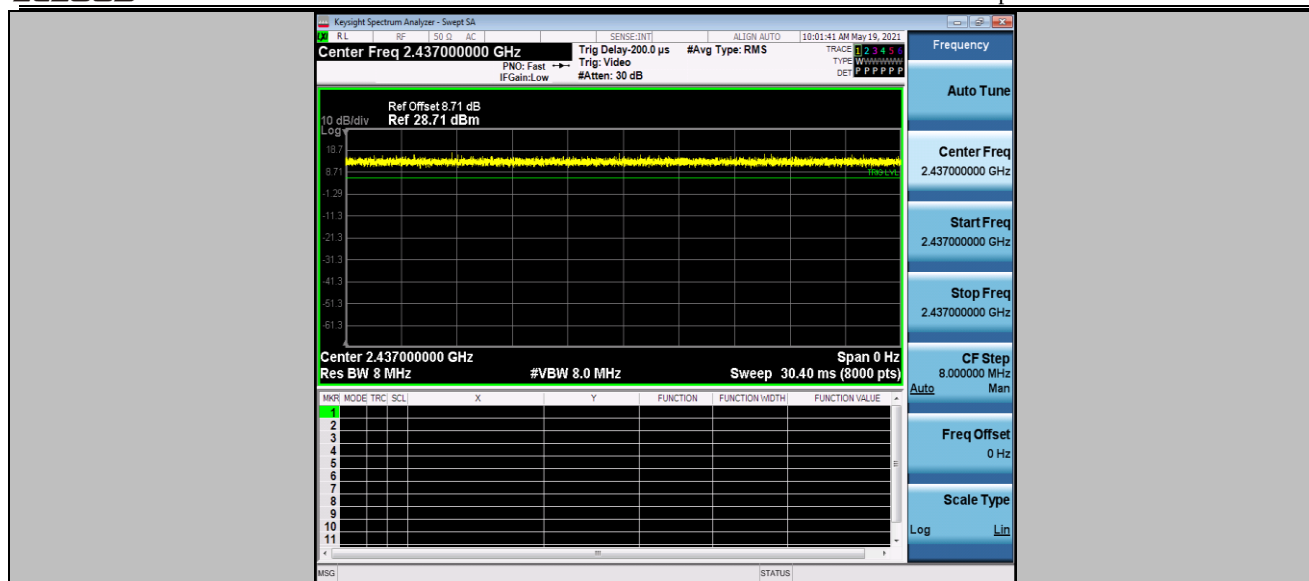
11N20SISO\_Ant1\_2437



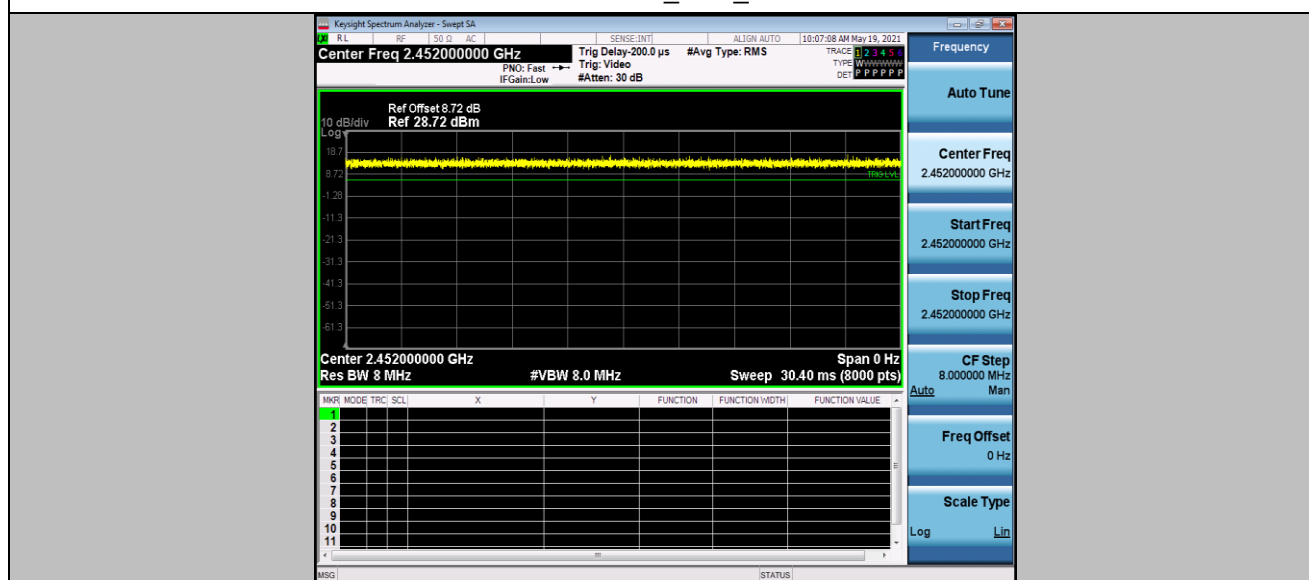
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

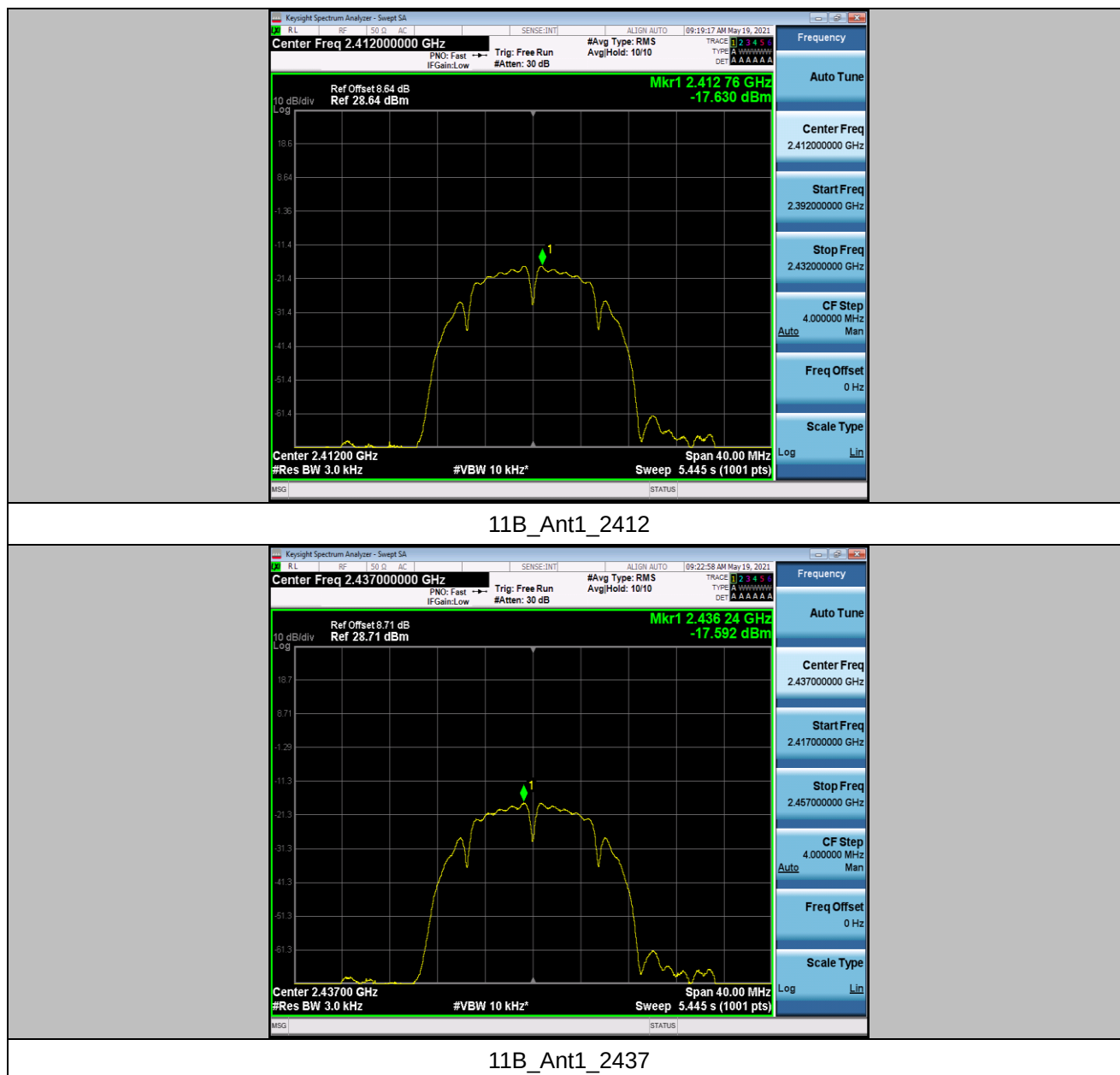


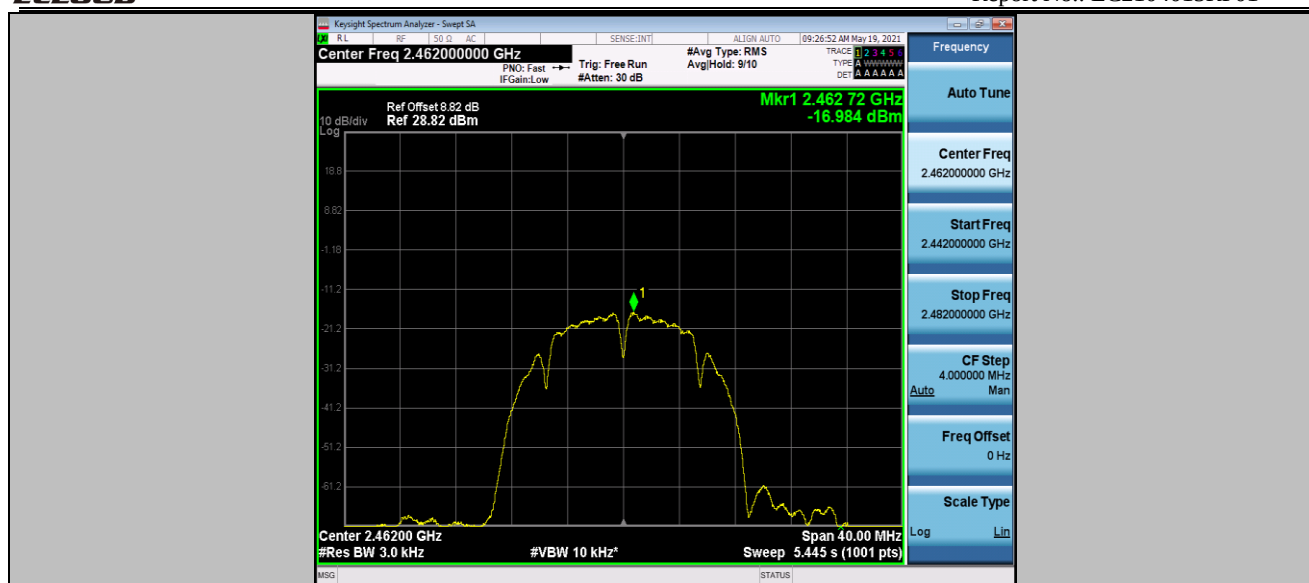
## Appendix E: Maximum power spectral density

### Test Result

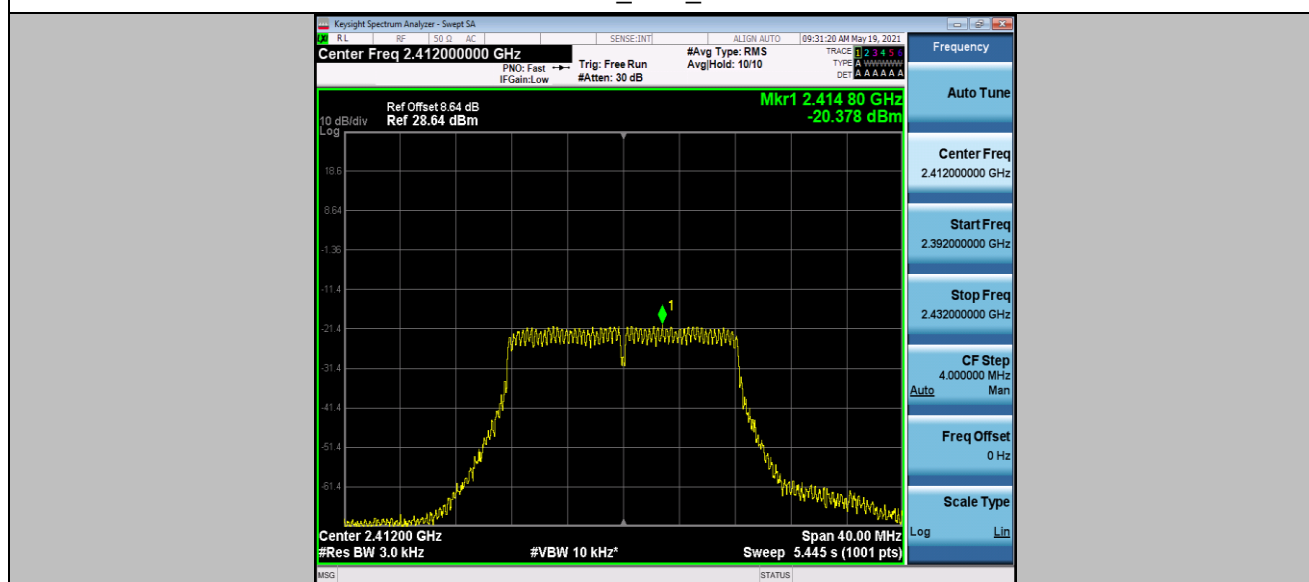
| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -17.63               | <=8             | PASS    |
|           |         | 2437    | -17.59               | <=8             | PASS    |
|           |         | 2462    | -16.98               | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -20.38               | <=8             | PASS    |
|           |         | 2437    | -20.64               | <=8             | PASS    |
|           |         | 2462    | -20.34               | <=8             | PASS    |
| 11N20SISO | Ant1    | 2412    | -20.82               | <=8             | PASS    |
|           |         | 2437    | -21.12               | <=8             | PASS    |
|           |         | 2462    | -20.79               | <=8             | PASS    |
| 11N40SISO | Ant1    | 2422    | -24.3                | <=8             | PASS    |
|           |         | 2437    | -24.53               | <=8             | PASS    |
|           |         | 2452    | -24.28               | <=8             | PASS    |

## Test Graphs

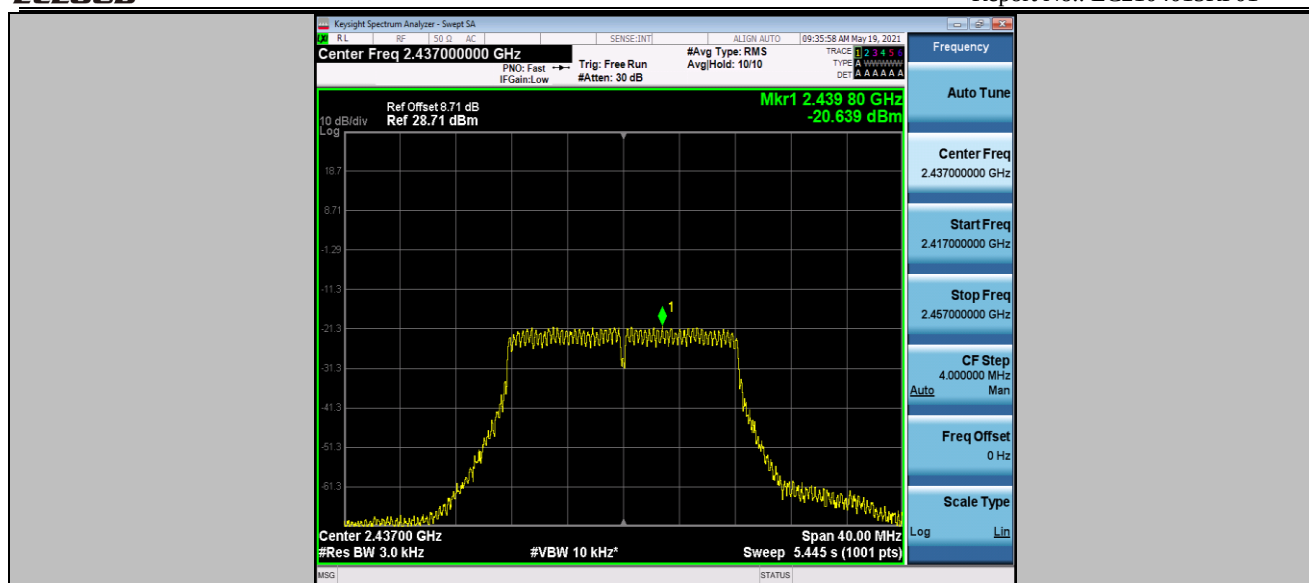




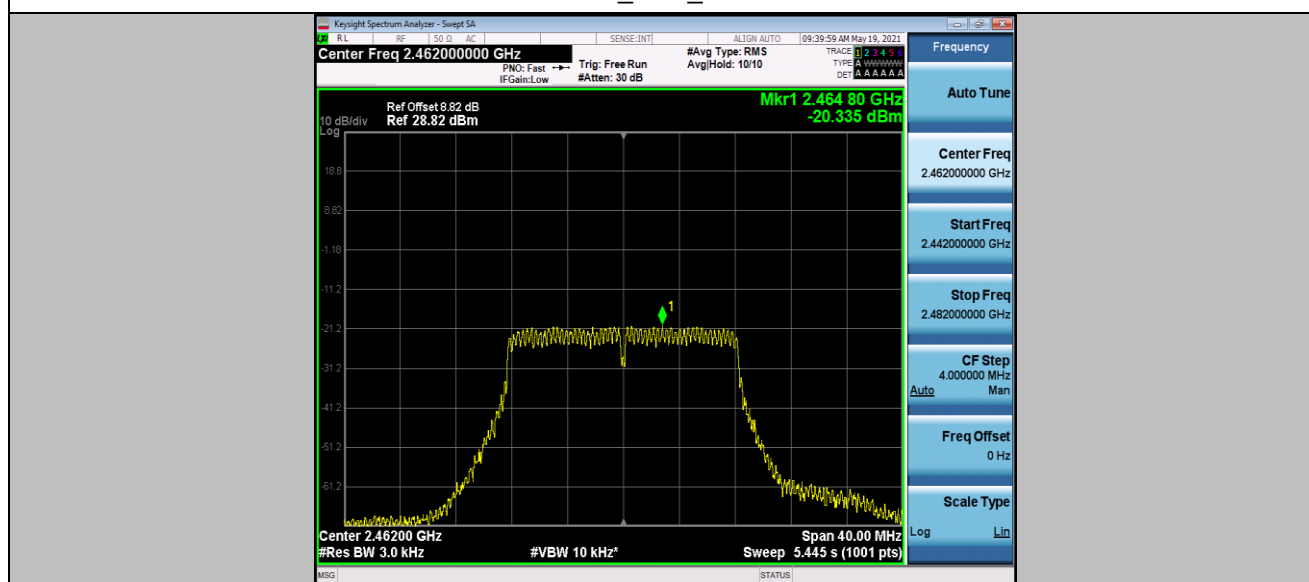
11B\_Ant1\_2462



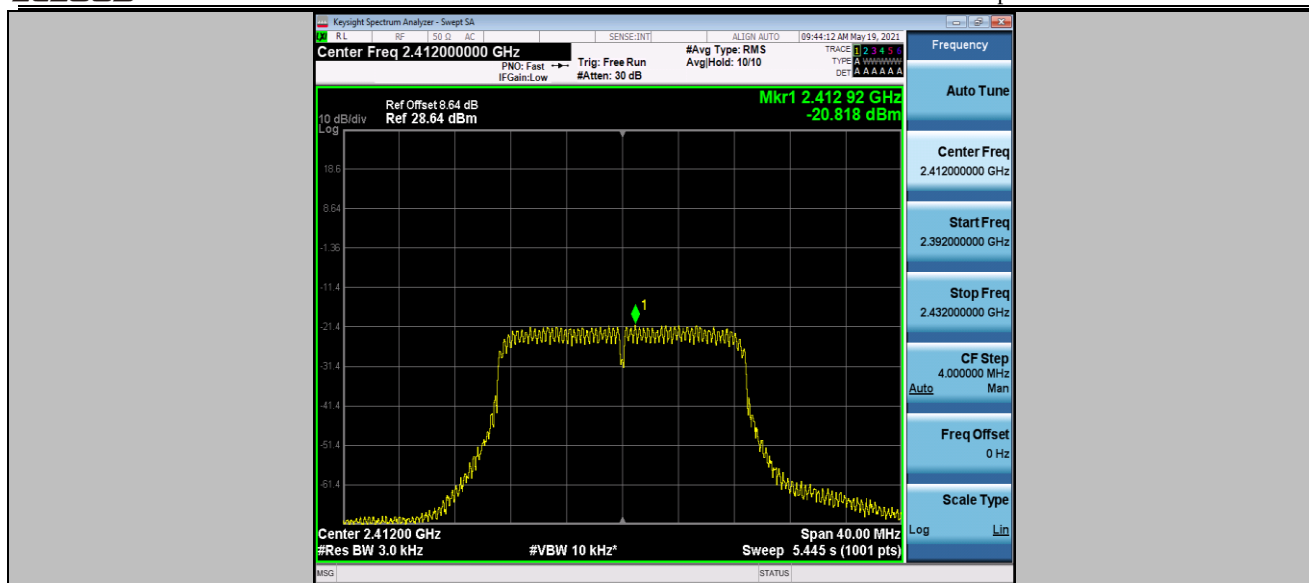
11G\_Ant1\_2412



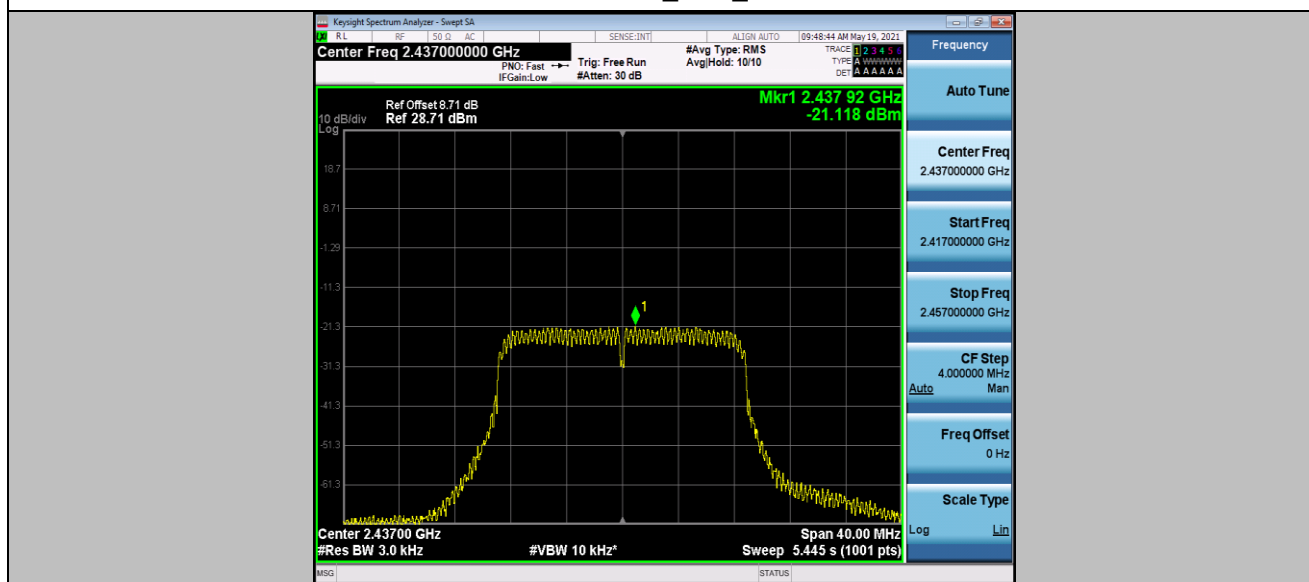
11G\_Ant1\_2437



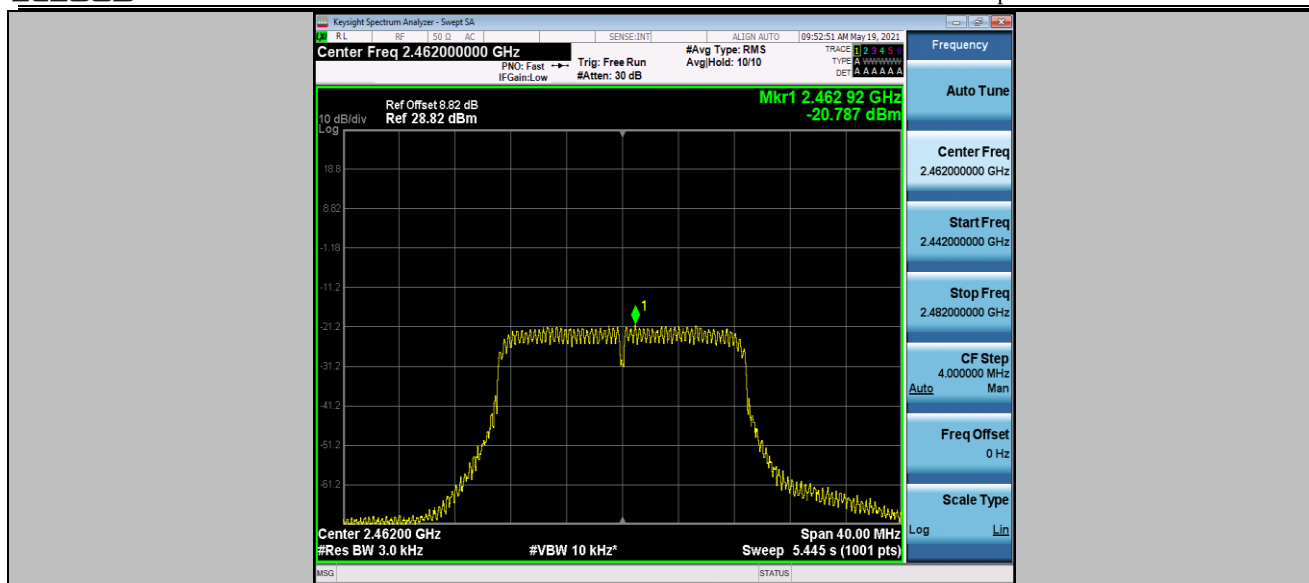
11G\_Ant1\_2462



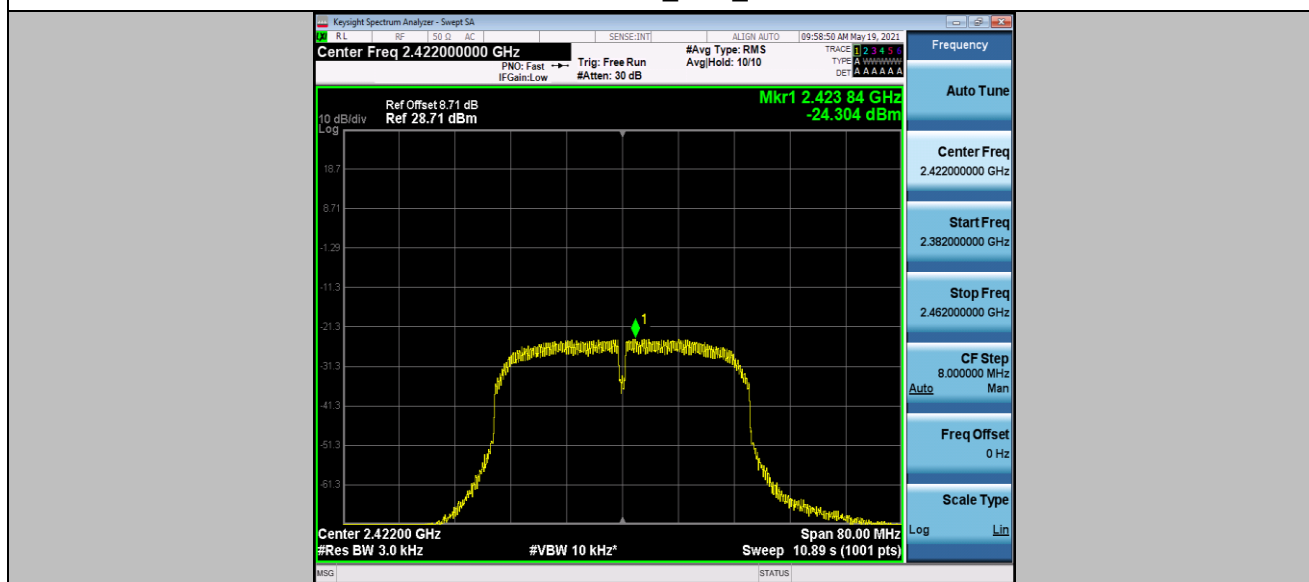
11N20SISO\_Ant1\_2412



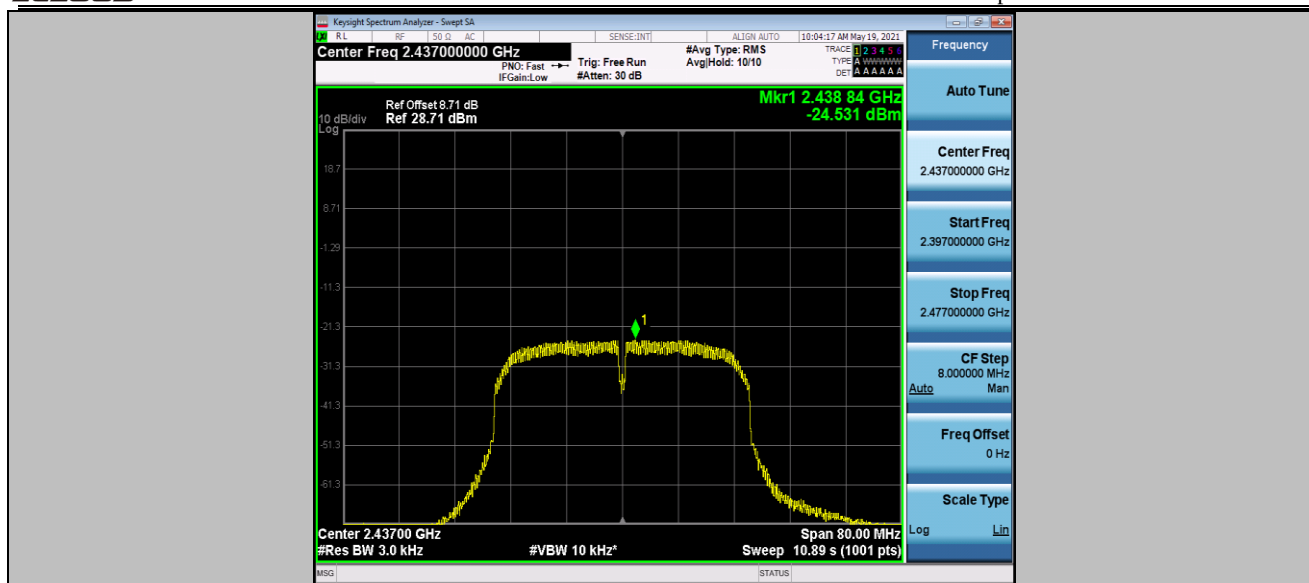
11N20SISO\_Ant1\_2437



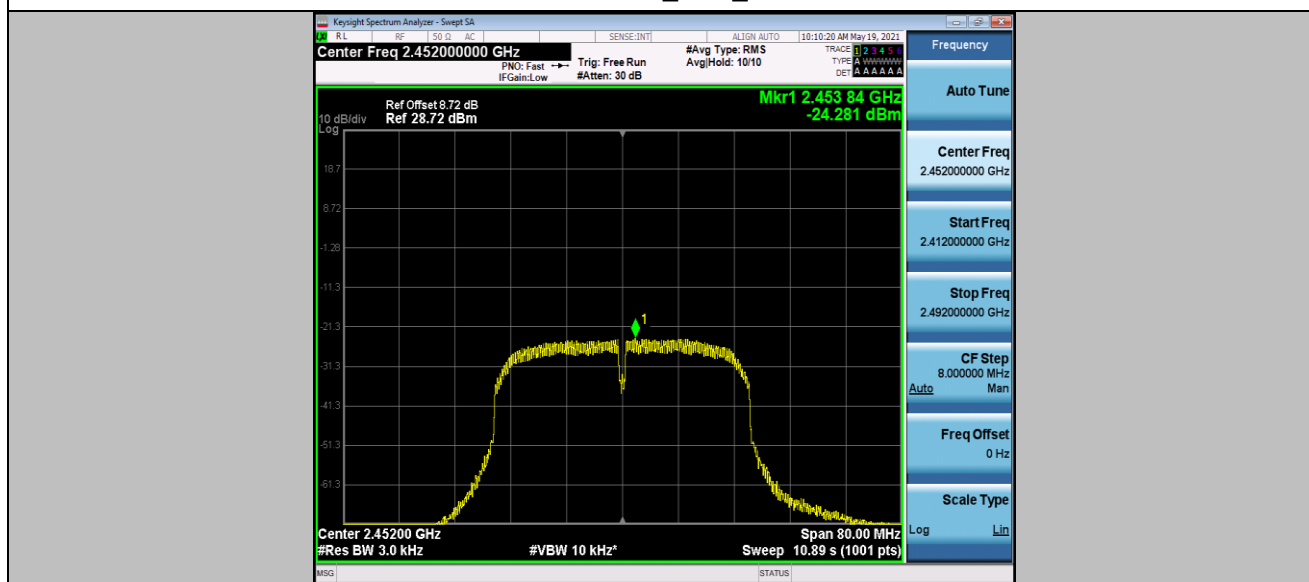
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

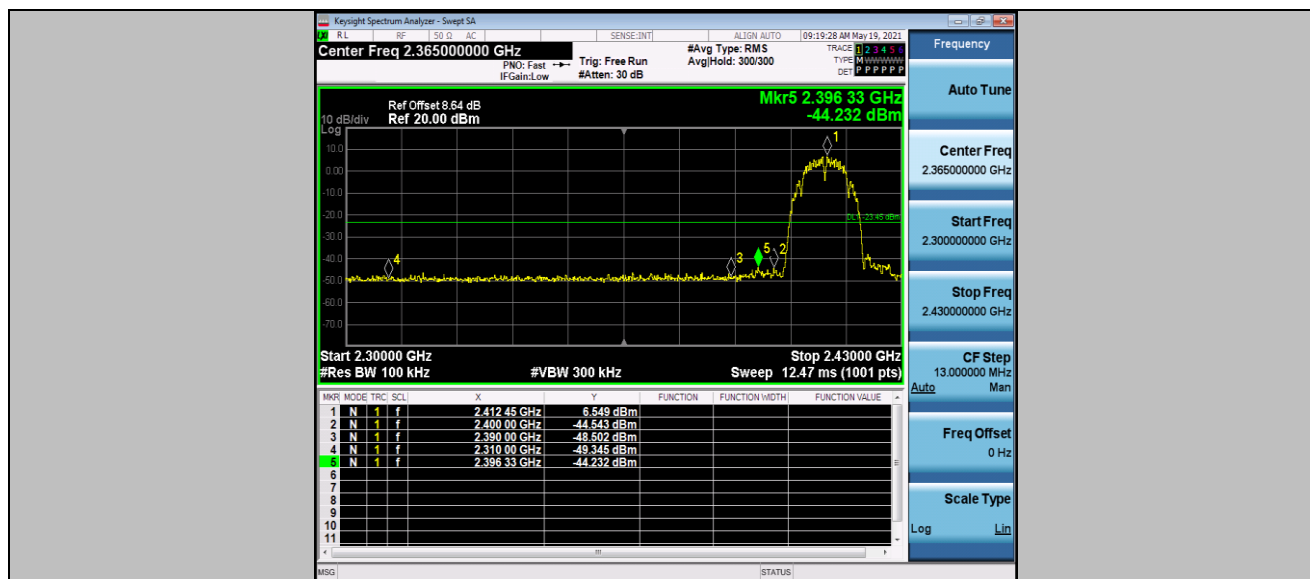
## Appendix F: Band edge measurements

### Test Result

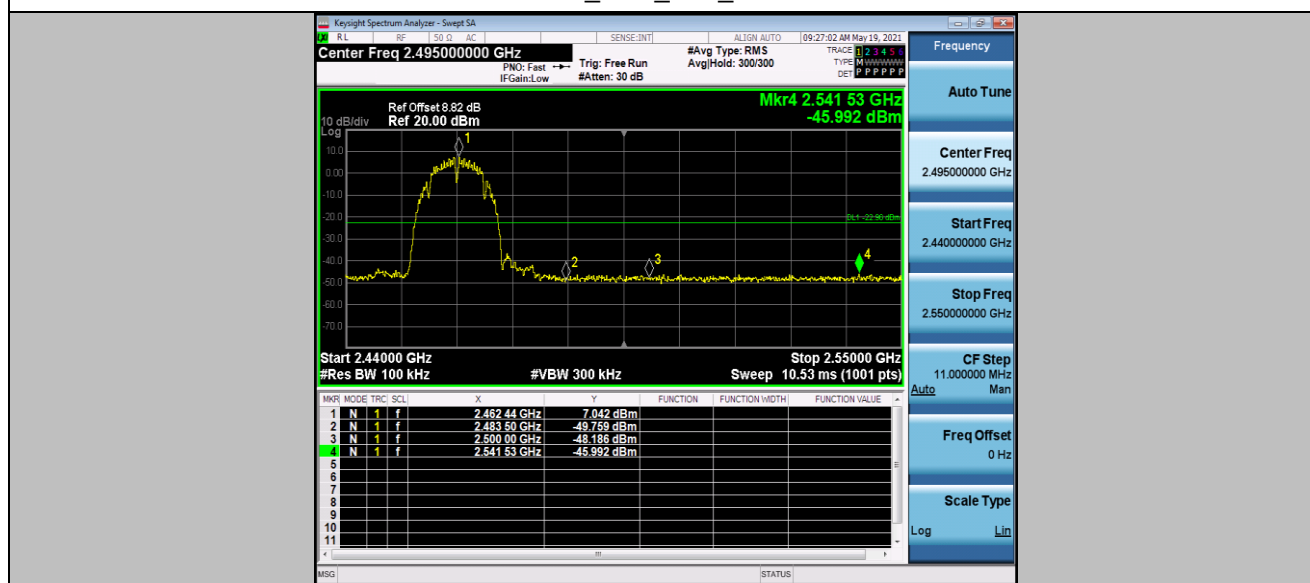
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 6.55          | -44.23      | <=-23.45   | PASS    |
|           |         | High   | 2462    | 7.04          | -45.99      | <=-22.96   | PASS    |
| 11G       | Ant1    | Low    | 2412    | 1.20          | -39.45      | <=-28.8    | PASS    |
|           |         | High   | 2462    | 1.30          | -44.47      | <=-28.7    | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | 0.72          | -38.59      | <=-29.28   | PASS    |
|           |         | High   | 2462    | 1.12          | -44.69      | <=-28.88   | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -2.41         | -40.24      | <=-32.41   | PASS    |
|           |         | High   | 2452    | -2.32         | -45.17      | <=-32.32   | PASS    |



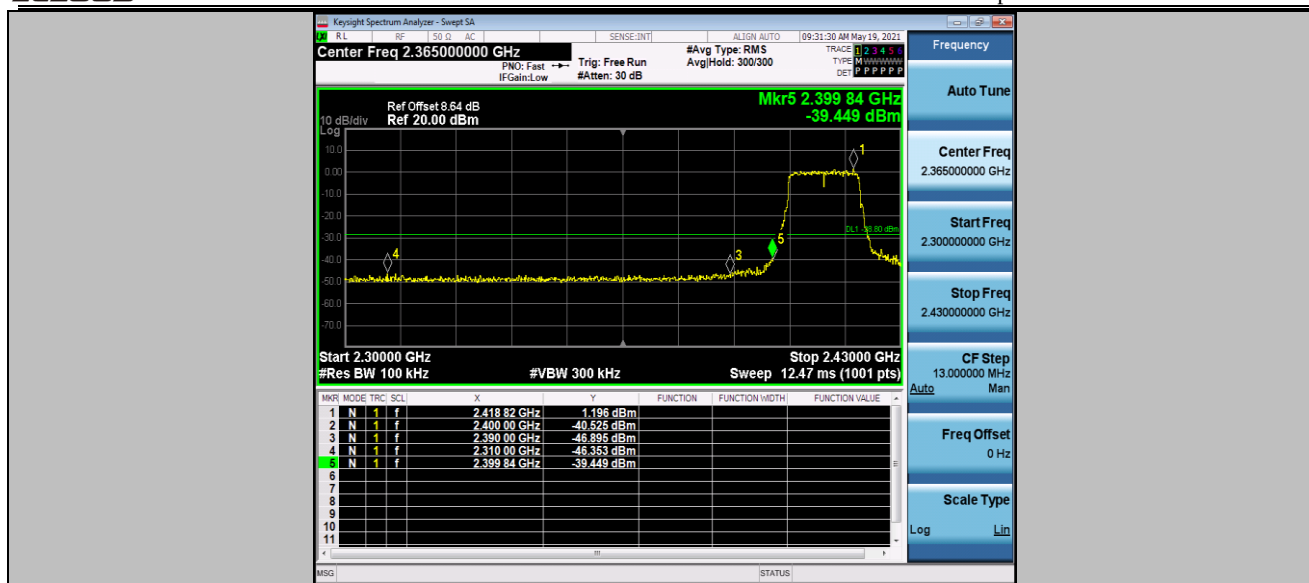
## Test Graphs



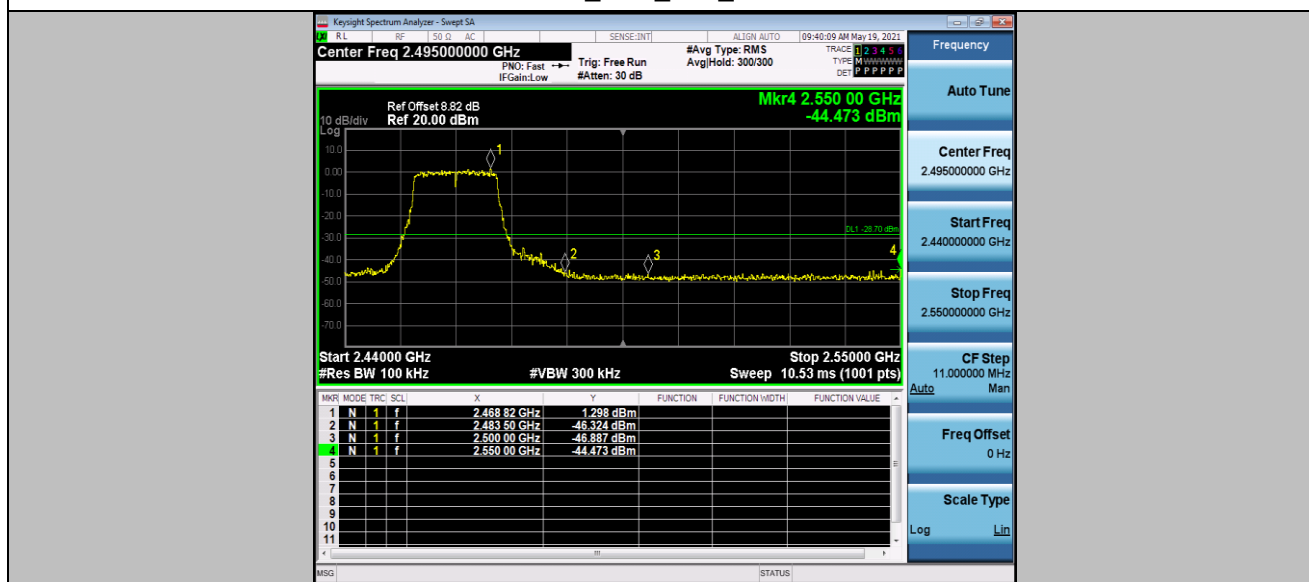
11B\_Ant1\_Low\_2412



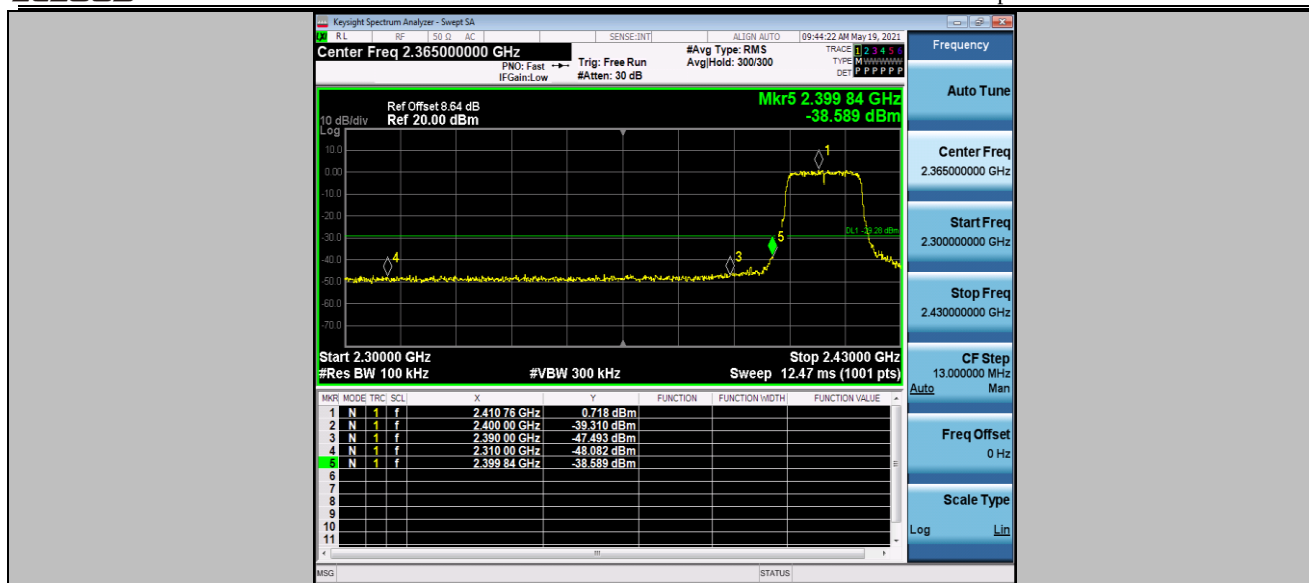
11B\_Ant1\_High\_2462



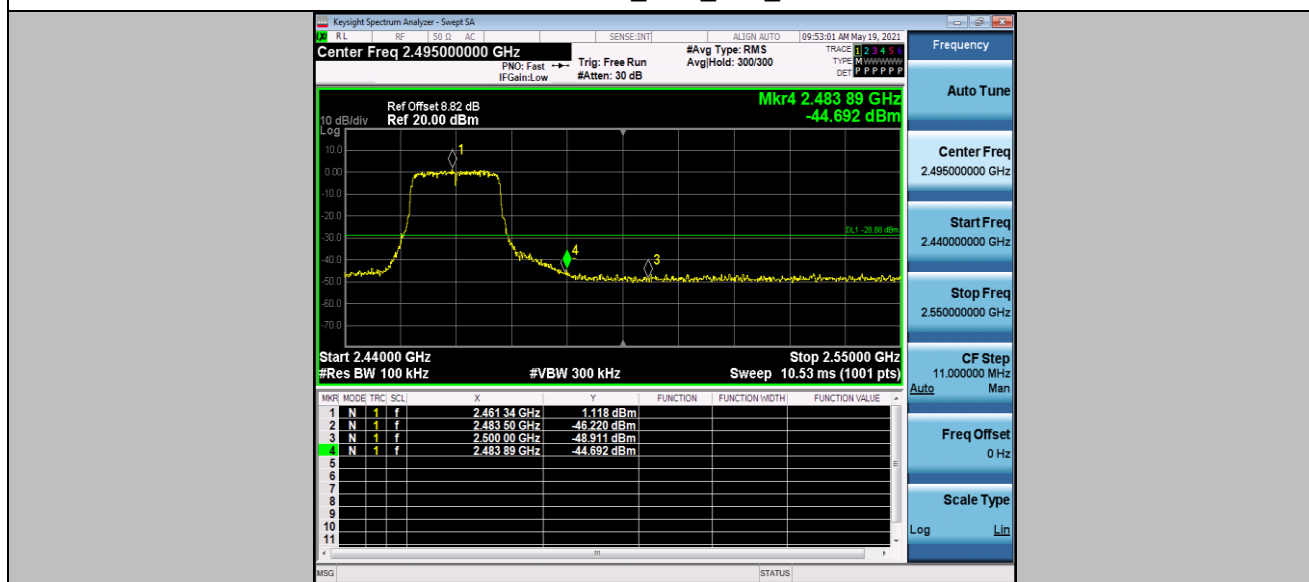
11G\_Ant1\_Low\_2412



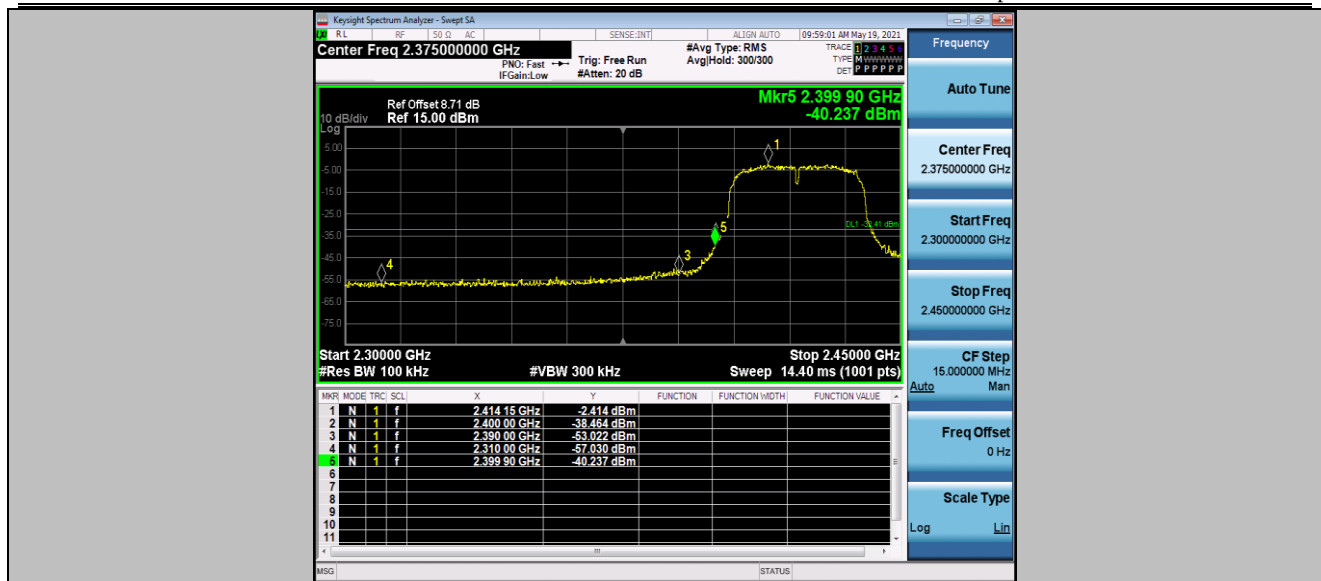
11G\_Ant1\_High\_2462



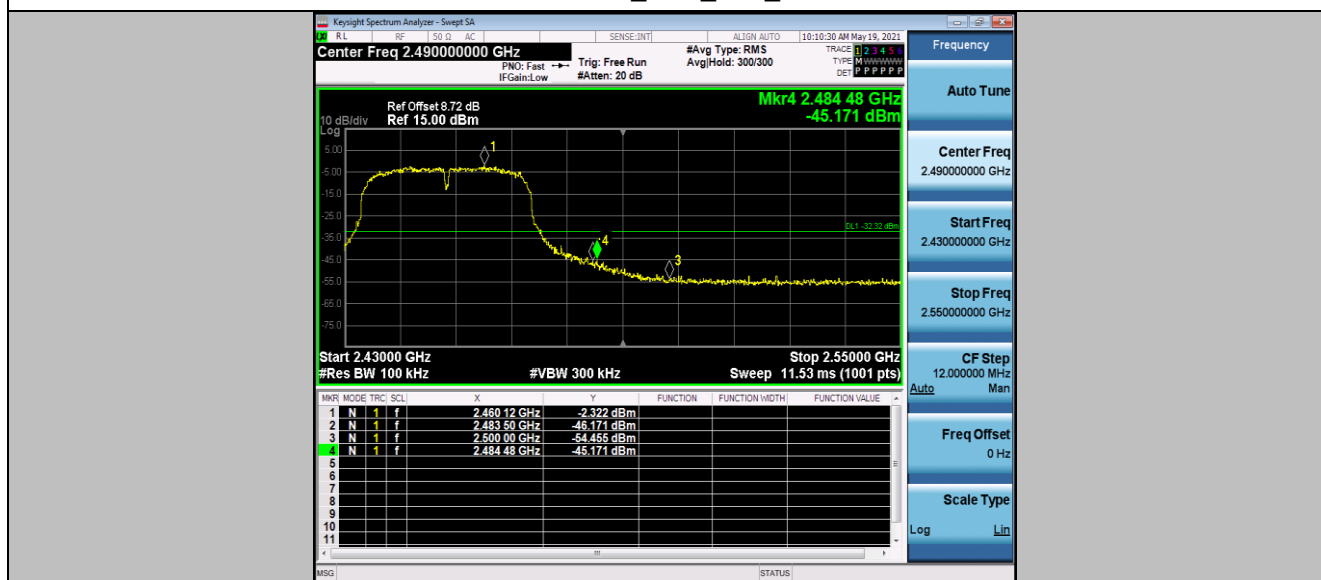
11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452

## Appendix G: Conducted Spurious Emission

### Test Result

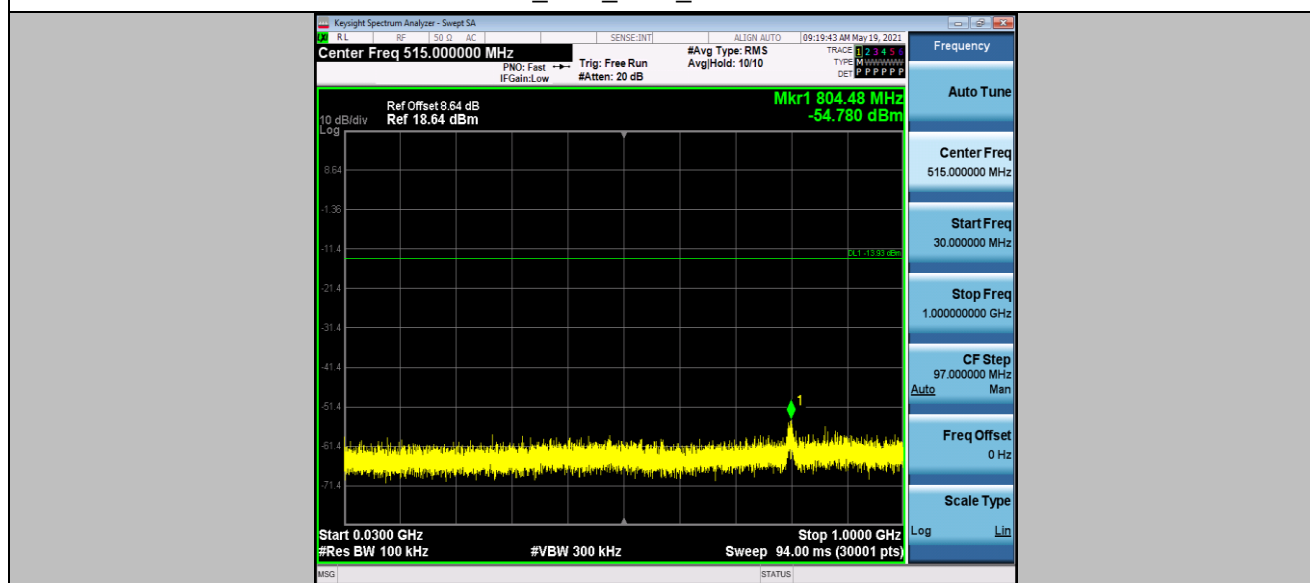
| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 6.07              | 6.07            | ---            | PASS    |
|           |         |         | 30~1000            | 6.07              | -54.78          | <=-13.93       | PASS    |
|           |         |         | 1000~26500         | 6.07              | -38.78          | <=-13.93       | PASS    |
|           |         | 2437    | Reference          | 6.44              | 6.44            | ---            | PASS    |
|           |         |         | 30~1000            | 6.44              | -54.44          | <=-13.56       | PASS    |
|           |         |         | 1000~26500         | 6.44              | -38.54          | <=-13.56       | PASS    |
|           |         | 2462    | Reference          | 6.98              | 6.98            | ---            | PASS    |
|           |         |         | 30~1000            | 6.98              | -53.82          | <=-13.02       | PASS    |
|           |         |         | 1000~26500         | 6.98              | -37.71          | <=-13.02       | PASS    |
| 11G       | Ant1    | 2412    | Reference          | 0.77              | 0.77            | ---            | PASS    |
|           |         |         | 30~1000            | 0.77              | -55.83          | <=-19.23       | PASS    |
|           |         |         | 1000~26500         | 0.77              | -36.68          | <=-19.23       | PASS    |
|           |         | 2437    | Reference          | 0.87              | 0.87            | ---            | PASS    |
|           |         |         | 30~1000            | 0.87              | -55.35          | <=-19.14       | PASS    |
|           |         |         | 1000~26500         | 0.87              | -37.49          | <=-19.14       | PASS    |
|           |         | 2462    | Reference          | 1.11              | 1.11            | ---            | PASS    |
|           |         |         | 30~1000            | 1.11              | -56.18          | <=-18.89       | PASS    |
|           |         |         | 1000~26500         | 1.11              | -37.6           | <=-18.89       | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | 0.95              | 0.95            | ---            | PASS    |
|           |         |         | 30~1000            | 0.95              | -56.07          | <=-19.05       | PASS    |
|           |         |         | 1000~26500         | 0.95              | -37.26          | <=-19.05       | PASS    |
|           |         | 2437    | Reference          | 0.92              | 0.92            | ---            | PASS    |
|           |         |         | 30~1000            | 0.92              | -55.55          | <=-19.08       | PASS    |
|           |         |         | 1000~26500         | 0.92              | -37.84          | <=-19.08       | PASS    |
|           |         | 2462    | Reference          | 0.83              | 0.83            | ---            | PASS    |
|           |         |         | 30~1000            | 0.83              | -56.64          | <=-19.17       | PASS    |
|           |         |         | 1000~26500         | 0.83              | -37.15          | <=-19.17       | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | -2.04             | -2.04           | ---            | PASS    |
|           |         |         | 30~1000            | -2.04             | -55.81          | <=-22.04       | PASS    |
|           |         |         | 1000~26500         | -2.04             | -36.75          | <=-22.04       | PASS    |

|  |  |      |            |       |        |               |      |
|--|--|------|------------|-------|--------|---------------|------|
|  |  | 2437 | Reference  | -2.89 | -2.89  | ---           | PASS |
|  |  |      | 30~1000    | -2.89 | -56.34 | $\leq -22.89$ | PASS |
|  |  |      | 1000~26500 | -2.89 | -37.51 | $\leq -22.89$ | PASS |
|  |  | 2452 | Reference  | -2.57 | -2.57  | ---           | PASS |
|  |  |      | 30~1000    | -2.57 | -56.08 | $\leq -22.57$ | PASS |
|  |  |      | 1000~26500 | -2.57 | -37.26 | $\leq -22.57$ | PASS |

## Test Graphs



11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000

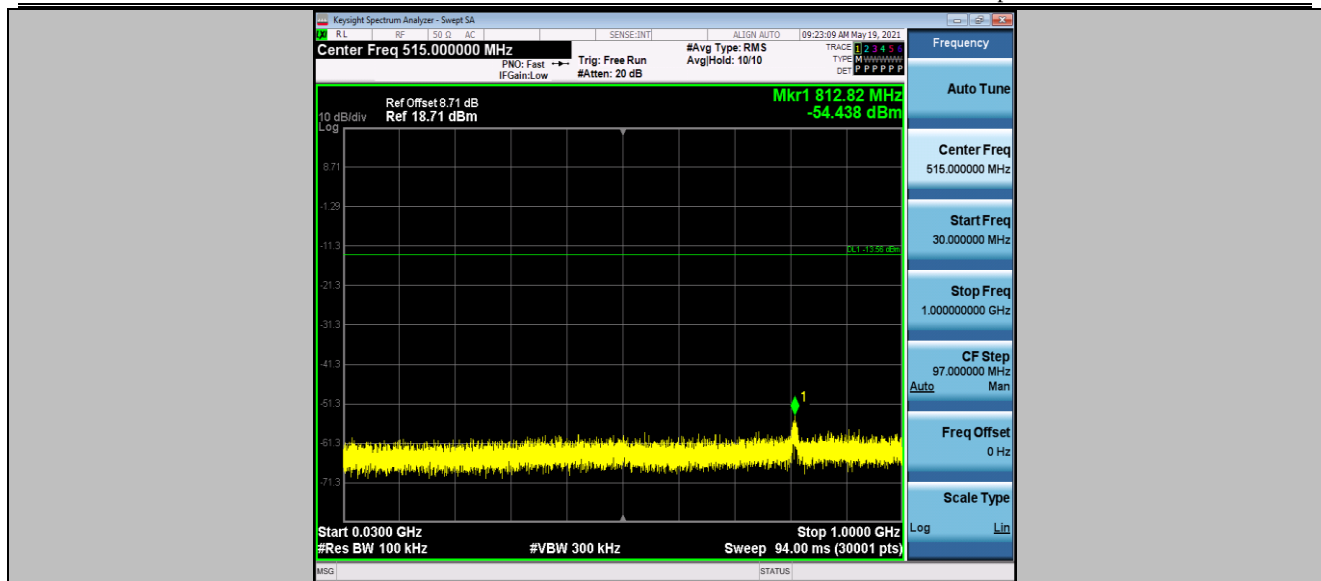


11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference





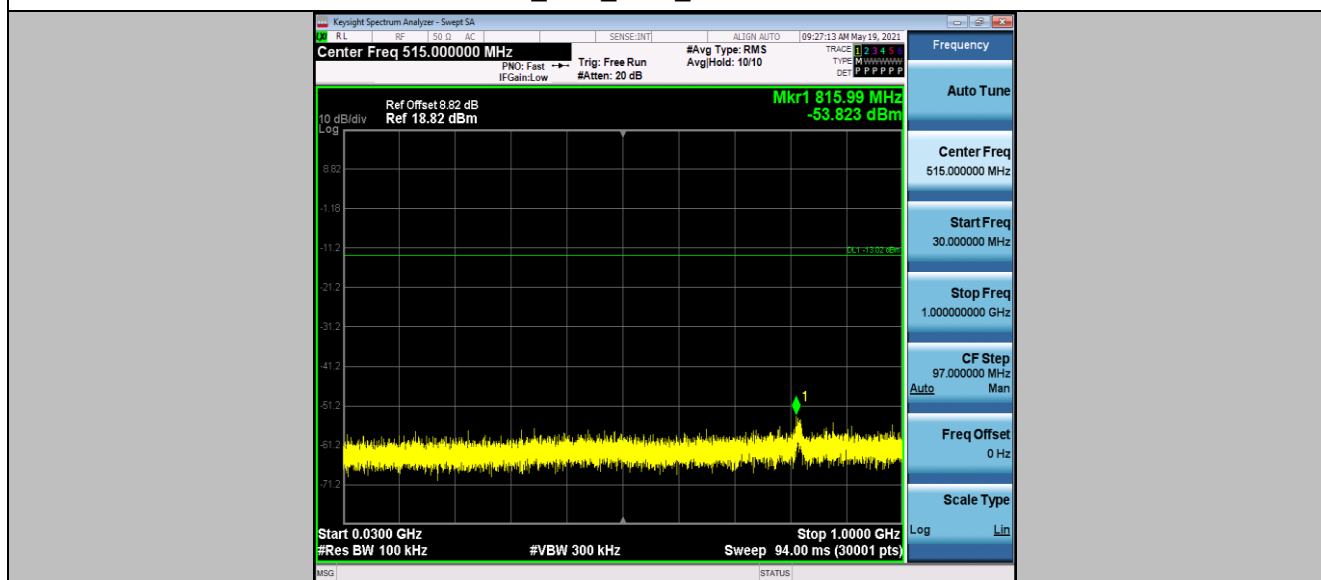
11B\_Ant1\_2437\_30~1000



11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0~Reference



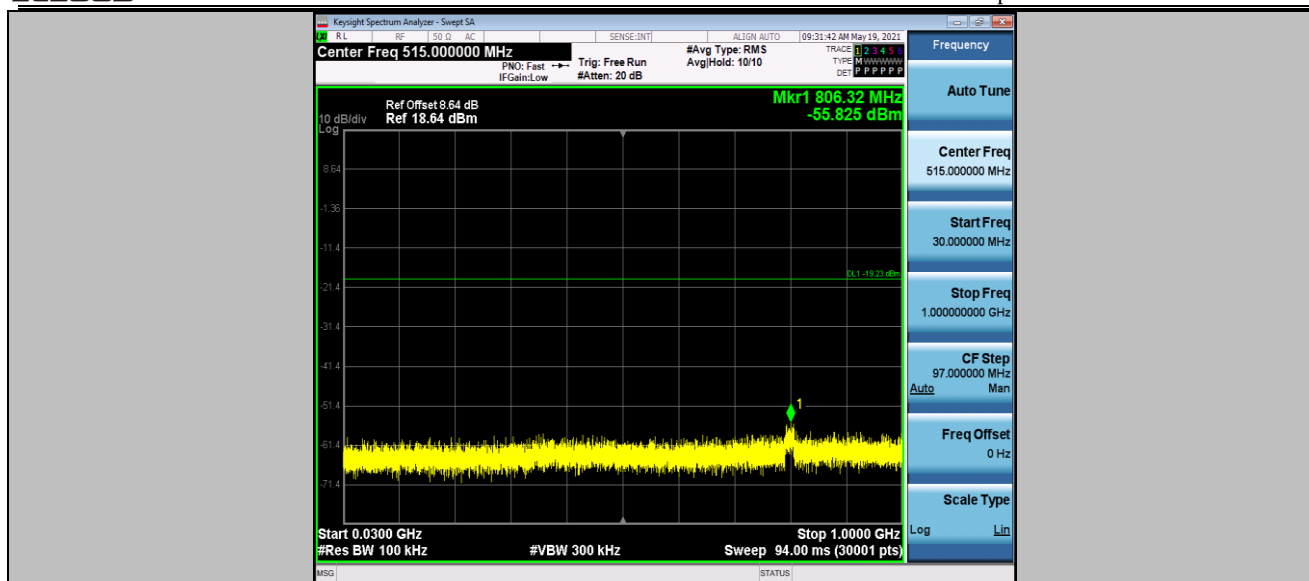
11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference



11G\_Ant1\_2412\_30~1000



11G\_Ant1\_2412\_1000~26500