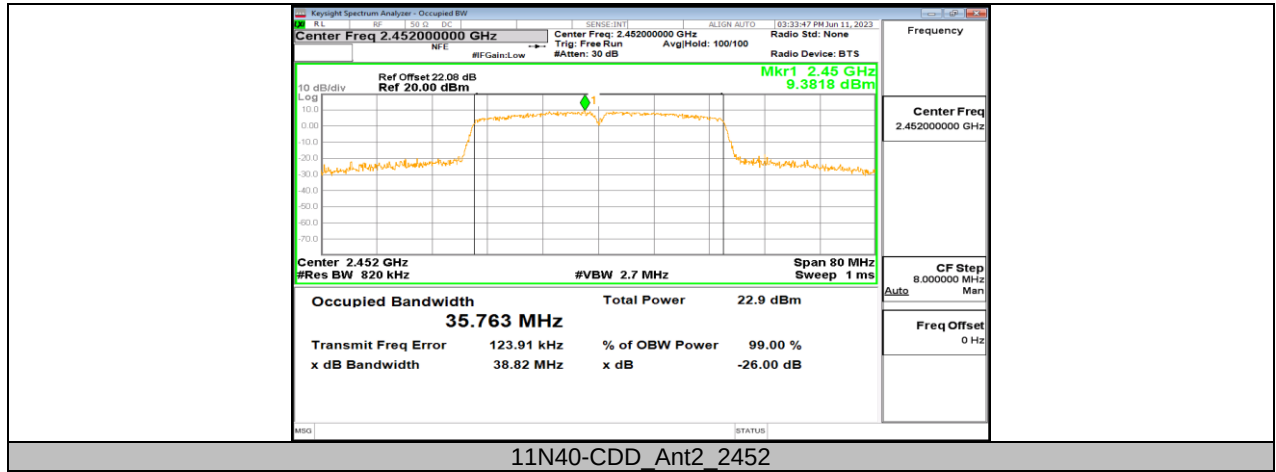






### 11.3. APPENDIX C: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

#### 11.3.1. Test Result

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B-CDD   | Ant1    | 2412    | 19.22       | ≤30.00     | PASS    |
|           | Ant2    | 2412    | 19.32       | ≤30.00     | PASS    |
|           | total   | 2412    | 22.28       | ≤30.00     | PASS    |
|           | Ant1    | 2417    | 19.01       | ≤30.00     | PASS    |
|           | Ant2    | 2417    | 19.82       | ≤30.00     | PASS    |
|           | total   | 2417    | 22.44       | ≤30.00     | PASS    |
|           | Ant1    | 2437    | 18.98       | ≤30.00     | PASS    |
|           | Ant2    | 2437    | 19.44       | ≤30.00     | PASS    |
|           | total   | 2437    | 22.23       | ≤30.00     | PASS    |
|           | Ant1    | 2457    | 17.72       | ≤30.00     | PASS    |
|           | Ant2    | 2457    | 18.14       | ≤30.00     | PASS    |
|           | total   | 2457    | 20.95       | ≤30.00     | PASS    |
|           | Ant1    | 2462    | 16.53       | ≤30.00     | PASS    |
|           | Ant2    | 2462    | 17.92       | ≤30.00     | PASS    |
|           | total   | 2462    | 20.29       | ≤30.00     | PASS    |
| 11G-CDD   | Ant1    | 2412    | 15.36       | ≤30.00     | PASS    |
|           | Ant2    | 2412    | 14.90       | ≤30.00     | PASS    |
|           | total   | 2412    | 18.15       | ≤30.00     | PASS    |
|           | Ant1    | 2417    | 20.83       | ≤30.00     | PASS    |
|           | Ant2    | 2417    | 20.23       | ≤30.00     | PASS    |
|           | total   | 2417    | 23.55       | ≤30.00     | PASS    |
|           | Ant1    | 2437    | 20.48       | ≤30.00     | PASS    |
|           | Ant2    | 2437    | 21.11       | ≤30.00     | PASS    |
|           | total   | 2437    | 23.82       | ≤30.00     | PASS    |
|           | Ant1    | 2457    | 20.37       | ≤30.00     | PASS    |
|           | Ant2    | 2457    | 20.79       | ≤30.00     | PASS    |
|           | total   | 2457    | 23.60       | ≤30.00     | PASS    |
|           | Ant1    | 2462    | 14.94       | ≤30.00     | PASS    |
|           | Ant2    | 2462    | 16.22       | ≤30.00     | PASS    |
|           | total   | 2462    | 18.64       | ≤30.00     | PASS    |
| 11N20-CDD | Ant1    | 2412    | 13.56       | ≤30.00     | PASS    |
|           | Ant2    | 2412    | 12.93       | ≤30.00     | PASS    |
|           | total   | 2412    | 16.27       | ≤30.00     | PASS    |
|           | Ant1    | 2417    | 17.53       | ≤30.00     | PASS    |
|           | Ant2    | 2417    | 17.10       | ≤30.00     | PASS    |
|           | total   | 2417    | 20.33       | ≤30.00     | PASS    |
|           | Ant1    | 2437    | 18.90       | ≤30.00     | PASS    |
|           | Ant2    | 2437    | 18.71       | ≤30.00     | PASS    |
|           | total   | 2437    | 21.82       | ≤30.00     | PASS    |
|           | Ant1    | 2457    | 15.59       | ≤30.00     | PASS    |
|           | Ant2    | 2457    | 16.10       | ≤30.00     | PASS    |
|           | total   | 2457    | 18.86       | ≤30.00     | PASS    |
|           | Ant1    | 2462    | 12.58       | ≤30.00     | PASS    |
|           | Ant2    | 2462    | 13.20       | ≤30.00     | PASS    |
|           | total   | 2462    | 15.91       | ≤30.00     | PASS    |
| 11N40-CDD | Ant1    | 2422    | 9.76        | ≤30.00     | PASS    |
|           | Ant2    | 2422    | 8.92        | ≤30.00     | PASS    |
|           | total   | 2422    | 12.37       | ≤30.00     | PASS    |
|           | Ant1    | 2427    | 9.67        | ≤30.00     | PASS    |
|           | Ant2    | 2427    | 10.05       | ≤30.00     | PASS    |
|           | total   | 2427    | 12.87       | ≤30.00     | PASS    |
|           | Ant1    | 2437    | 11.77       | ≤30.00     | PASS    |
|           | Ant2    | 2437    | 11.54       | ≤30.00     | PASS    |

|  |       |      |       |        |      |
|--|-------|------|-------|--------|------|
|  | total | 2437 | 14.67 | ≤30.00 | PASS |
|  | Ant1  | 2447 | 9.38  | ≤30.00 | PASS |
|  | Ant2  | 2447 | 10.00 | ≤30.00 | PASS |
|  | total | 2447 | 12.71 | ≤30.00 | PASS |
|  | Ant1  | 2452 | 8.90  | ≤30.00 | PASS |
|  | Ant2  | 2452 | 9.17  | ≤30.00 | PASS |
|  | total | 2452 | 12.05 | ≤30.00 | PASS |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

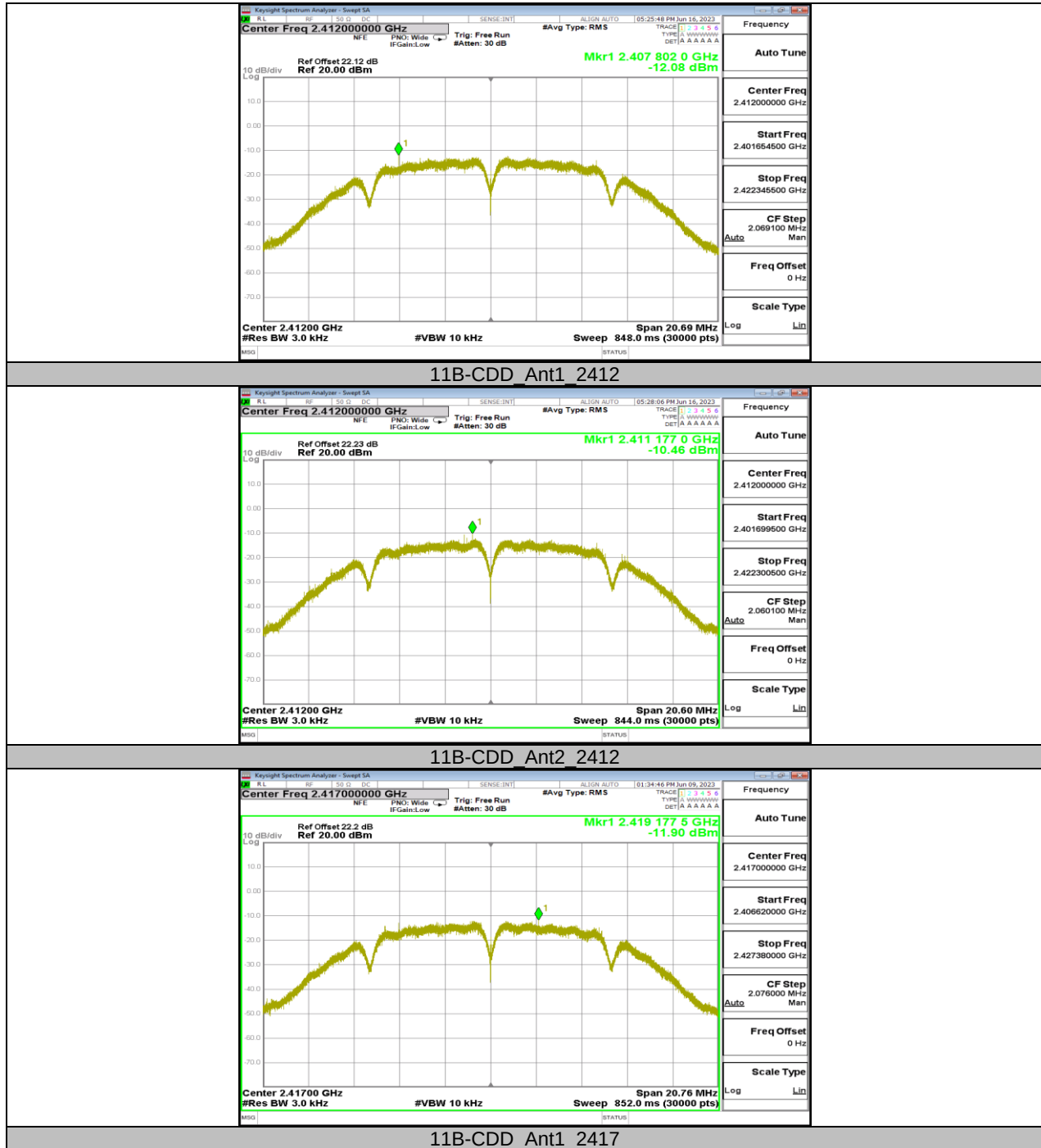
### 11.4.1. Test Result

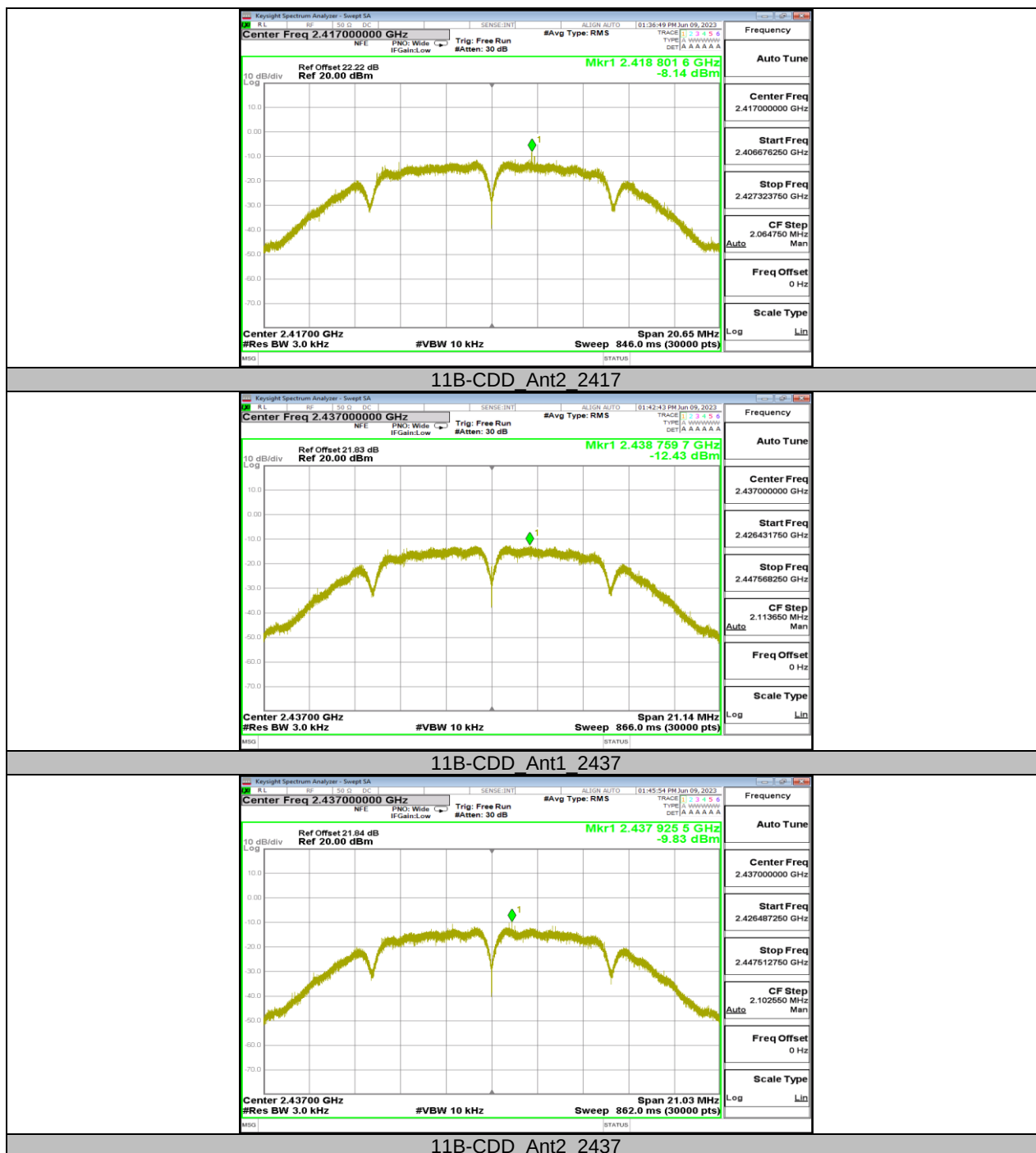
| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| 11B-CDD   | Ant1    | 2412    | -12.08           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -10.46           | ≤8.00           | PASS    |
|           | total   | 2412    | -8.18            | ≤8.00           | PASS    |
|           | Ant1    | 2417    | -11.9            | ≤8.00           | PASS    |
|           | Ant2    | 2417    | -8.14            | ≤8.00           | PASS    |
|           | total   | 2417    | -6.61            | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -12.43           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -9.83            | ≤8.00           | PASS    |
|           | total   | 2437    | -7.93            | ≤8.00           | PASS    |
|           | Ant1    | 2457    | -13.02           | ≤8.00           | PASS    |
|           | Ant2    | 2457    | -11.78           | ≤8.00           | PASS    |
|           | total   | 2457    | -9.35            | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -12.16           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -12.78           | ≤8.00           | PASS    |
|           | total   | 2462    | -9.45            | ≤8.00           | PASS    |
| 11G-CDD   | Ant1    | 2412    | -16.25           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -16.91           | ≤8.00           | PASS    |
|           | total   | 2412    | -13.56           | ≤8.00           | PASS    |
|           | Ant1    | 2417    | -10.88           | ≤8.00           | PASS    |
|           | Ant2    | 2417    | -11.5            | ≤8.00           | PASS    |
|           | total   | 2417    | -8.17            | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -11.62           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -10.87           | ≤8.00           | PASS    |
|           | total   | 2437    | -8.22            | ≤8.00           | PASS    |
|           | Ant1    | 2457    | -11.42           | ≤8.00           | PASS    |
|           | Ant2    | 2457    | -10.96           | ≤8.00           | PASS    |
|           | total   | 2457    | -8.17            | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -16.73           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -15.41           | ≤8.00           | PASS    |
|           | total   | 2462    | -13.01           | ≤8.00           | PASS    |
| 11N20-CDD | Ant1    | 2412    | -18.85           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -19.41           | ≤8.00           | PASS    |
|           | total   | 2412    | -16.11           | ≤8.00           | PASS    |
|           | Ant1    | 2417    | -14.69           | ≤8.00           | PASS    |
|           | Ant2    | 2417    | -14.65           | ≤8.00           | PASS    |
|           | total   | 2417    | -11.66           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -12.6            | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -12.92           | ≤8.00           | PASS    |
|           | total   | 2437    | -9.75            | ≤8.00           | PASS    |
|           | Ant1    | 2457    | -16.67           | ≤8.00           | PASS    |
|           | Ant2    | 2457    | -16.21           | ≤8.00           | PASS    |
|           | total   | 2457    | -13.42           | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -19.13           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -17.22           | ≤8.00           | PASS    |
|           | total   | 2462    | -15.06           | ≤8.00           | PASS    |
| 11N40-CDD | Ant1    | 2422    | -23.59           | ≤8.00           | PASS    |
|           | Ant2    | 2422    | -23.42           | ≤8.00           | PASS    |
|           | total   | 2422    | -20.49           | ≤8.00           | PASS    |
|           | Ant1    | 2427    | -22.58           | ≤8.00           | PASS    |
|           | Ant2    | 2427    | -20.57           | ≤8.00           | PASS    |
|           | total   | 2427    | -18.45           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -20.84           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -20.62           | ≤8.00           | PASS    |
|           | total   | 2437    | -17.72           | ≤8.00           | PASS    |
|           | Ant1    | 2447    | -23.11           | ≤8.00           | PASS    |

|  |       |      |        |       |      |
|--|-------|------|--------|-------|------|
|  | Ant2  | 2447 | -21.73 | ≤8.00 | PASS |
|  | total | 2447 | -19.36 | ≤8.00 | PASS |
|  | Ant1  | 2452 | -23.74 | ≤8.00 | PASS |
|  | Ant2  | 2452 | -23.23 | ≤8.00 | PASS |
|  | total | 2452 | -20.47 | ≤8.00 | PASS |

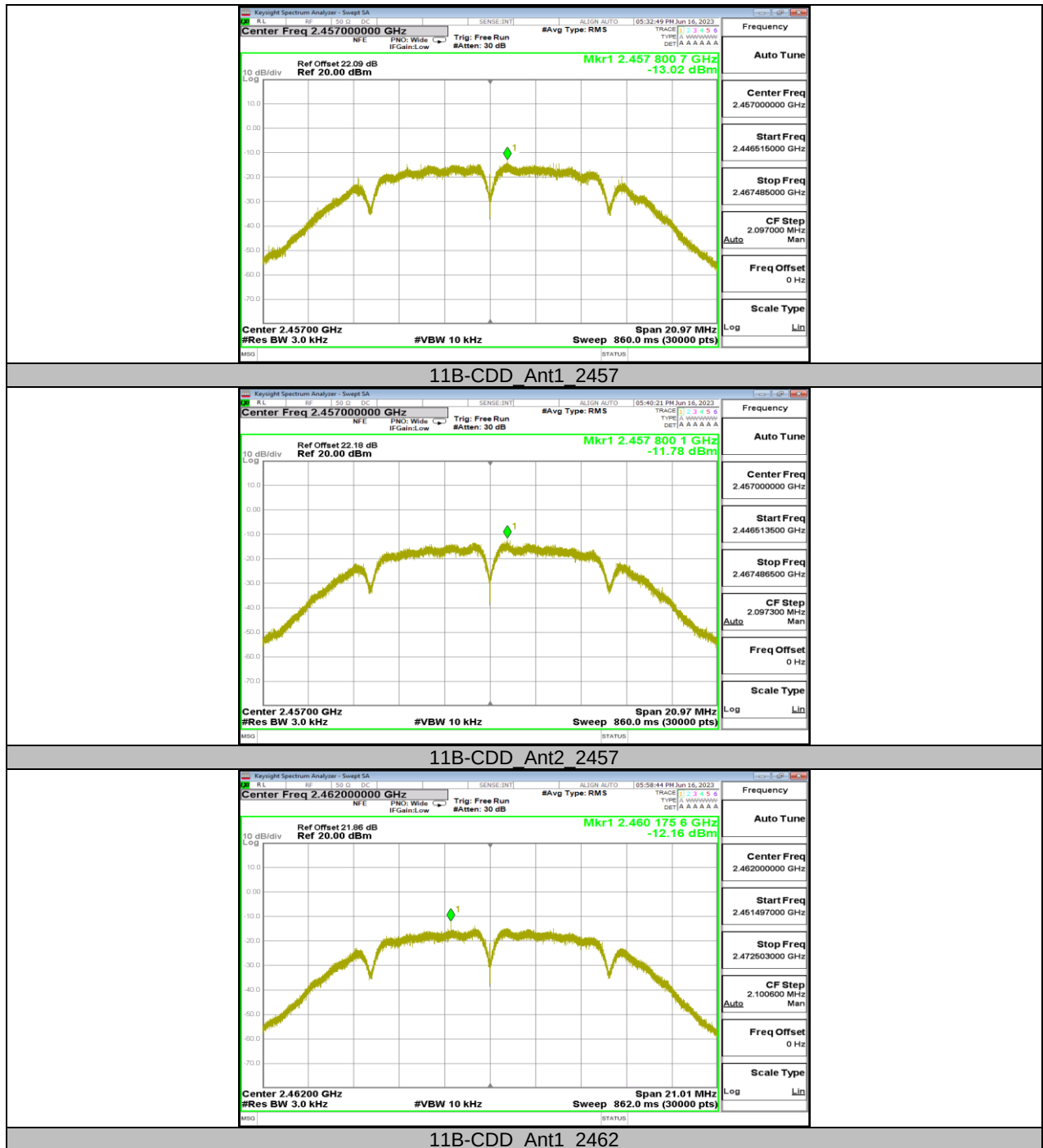
Note: The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

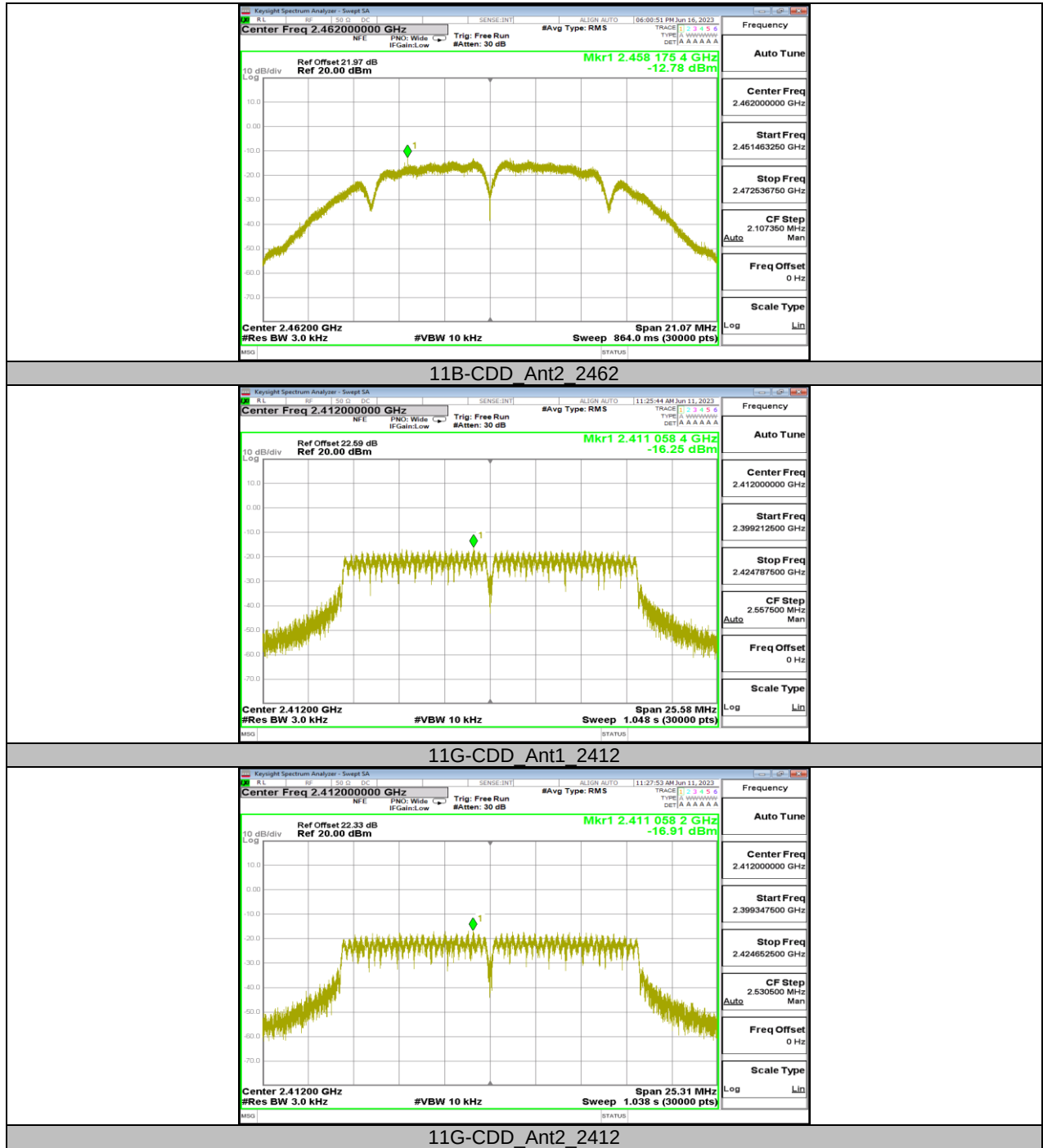
## 11.4.2. Test Graphs

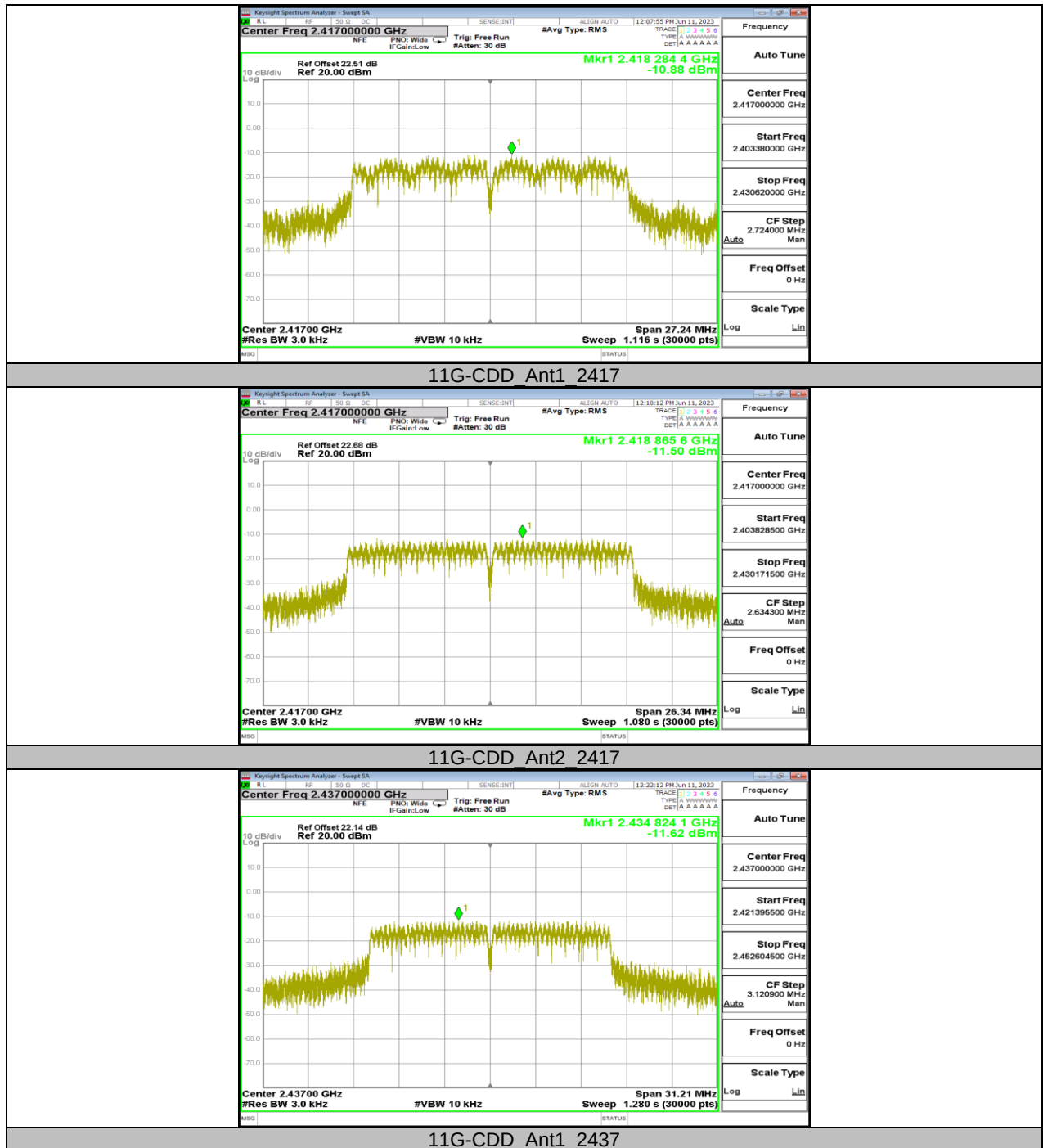


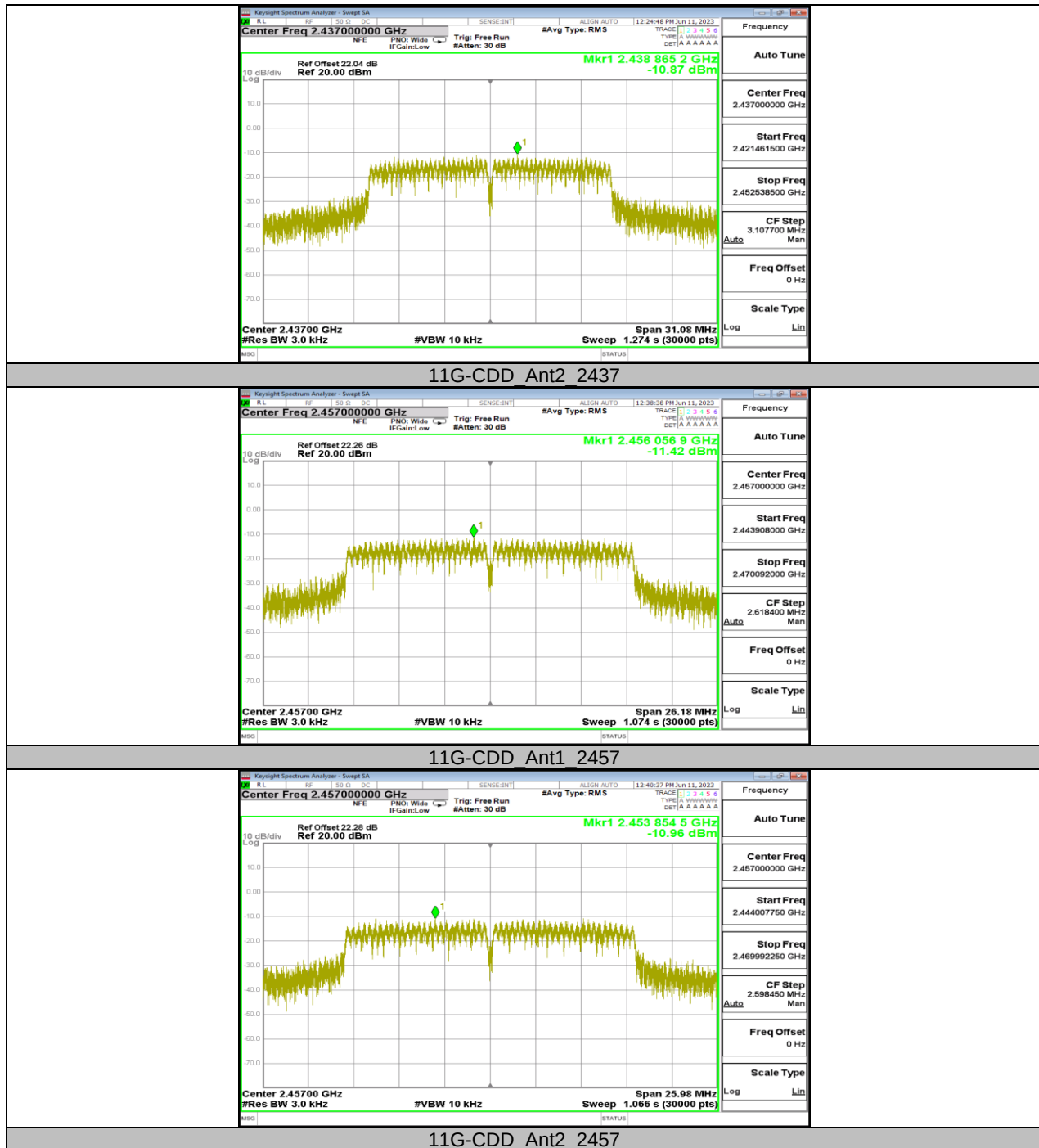


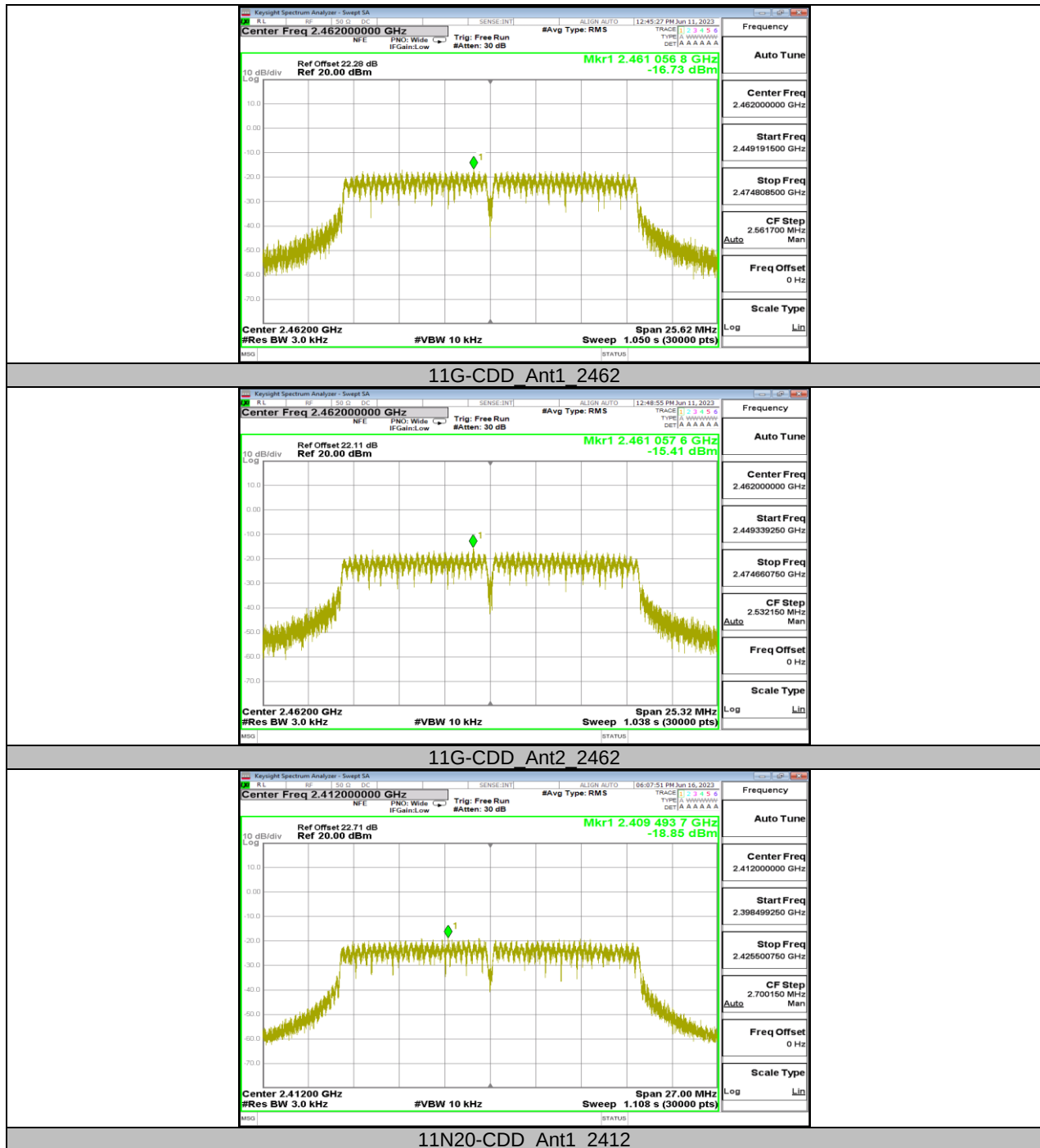


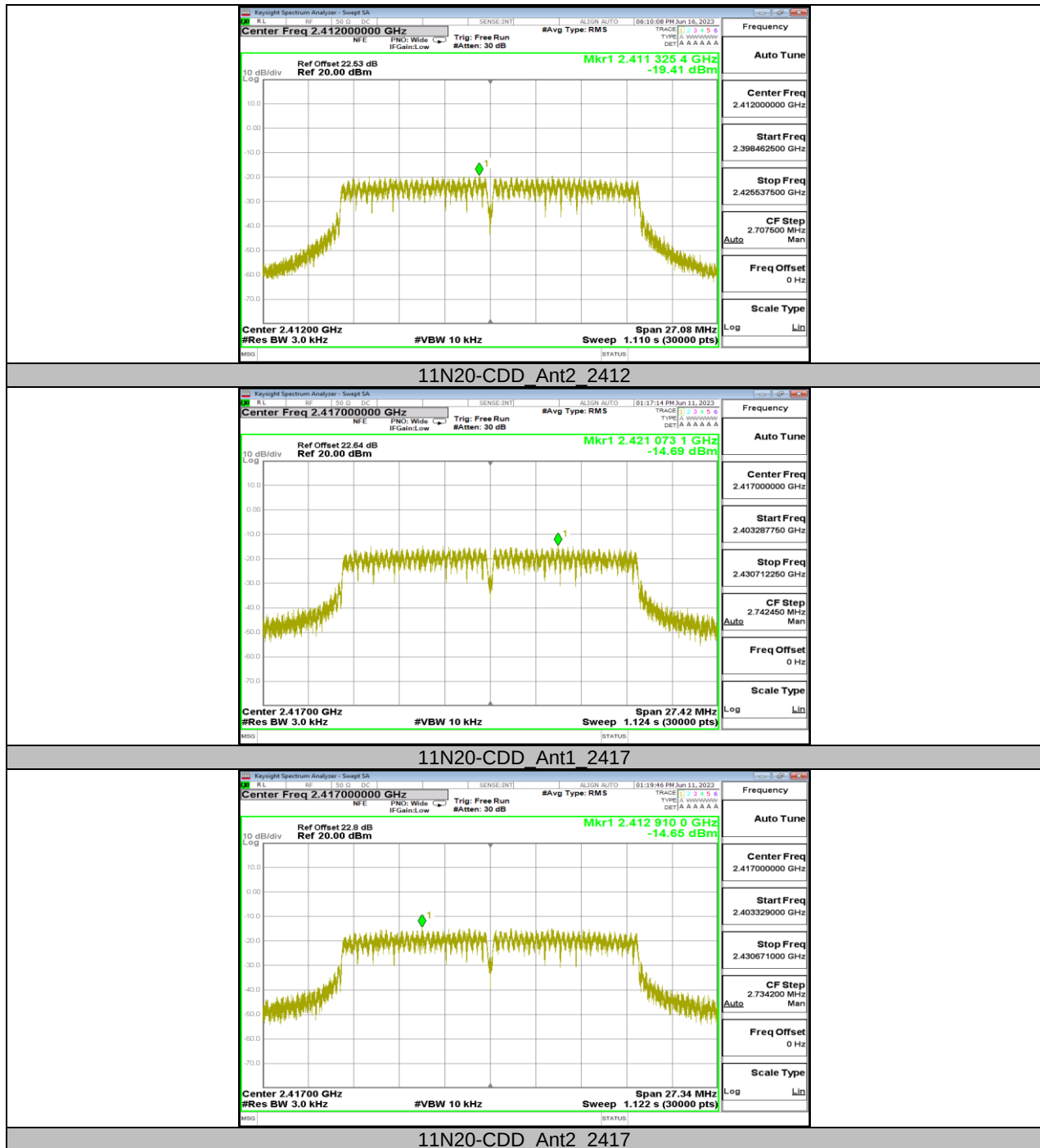


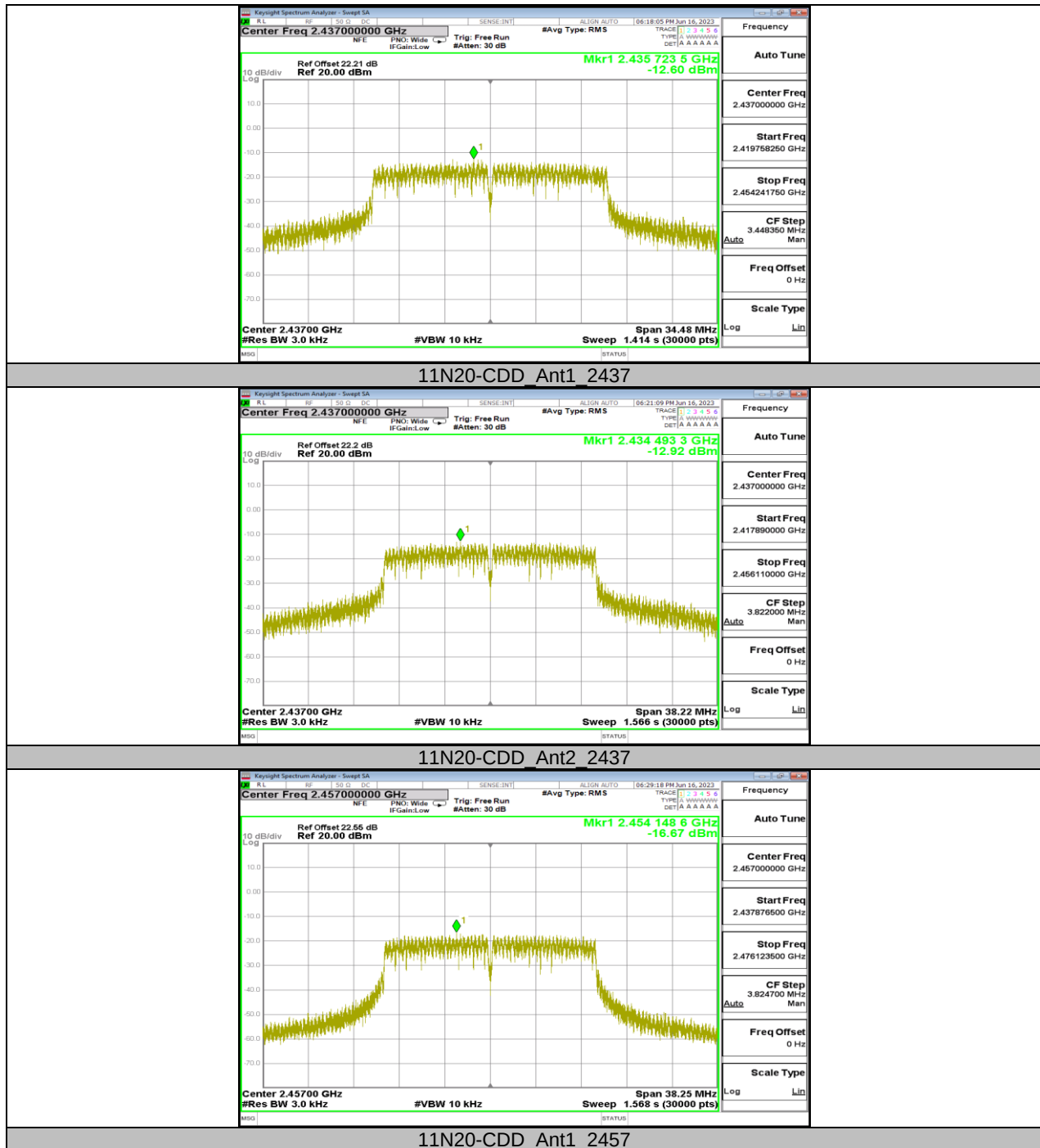


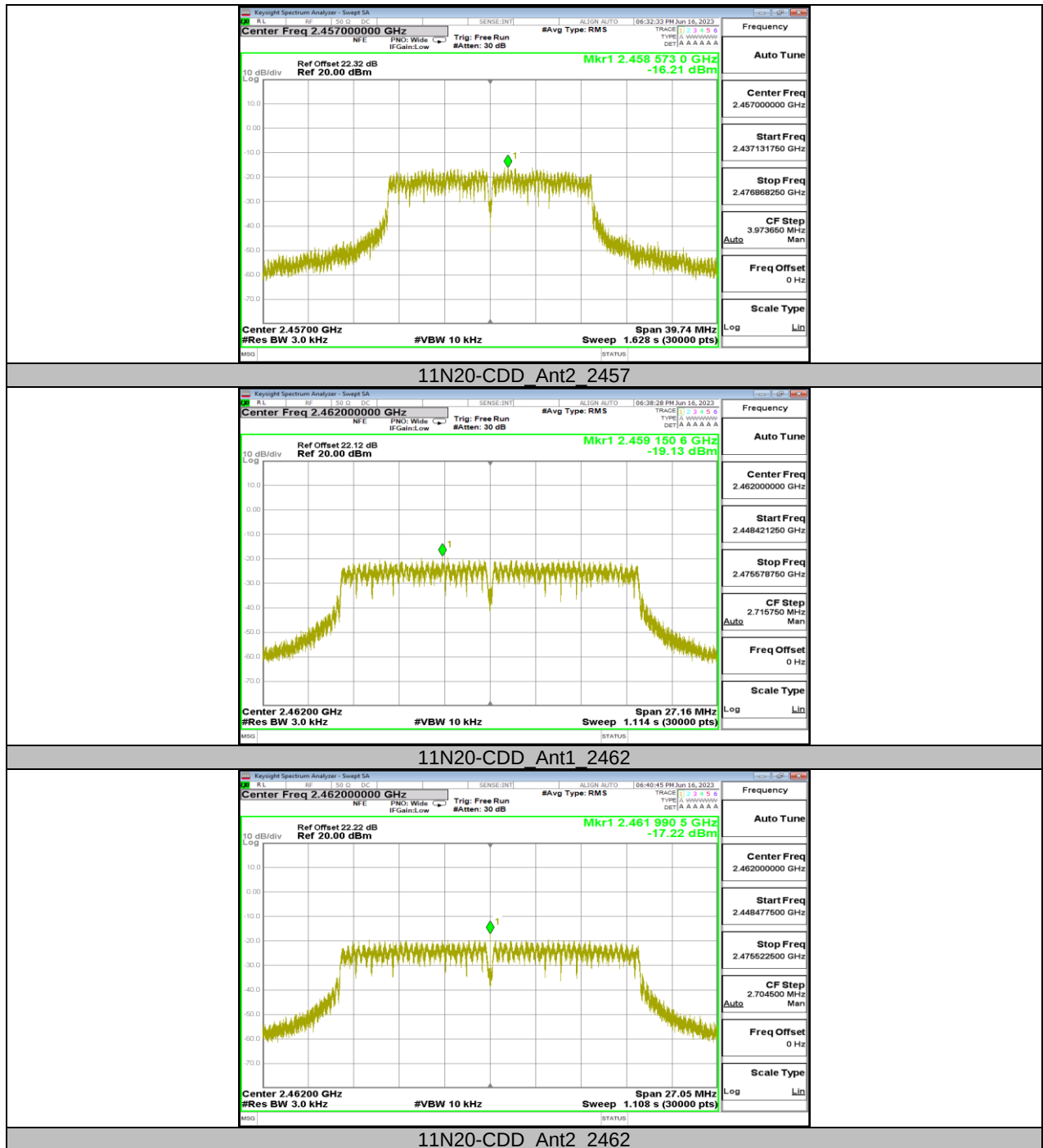




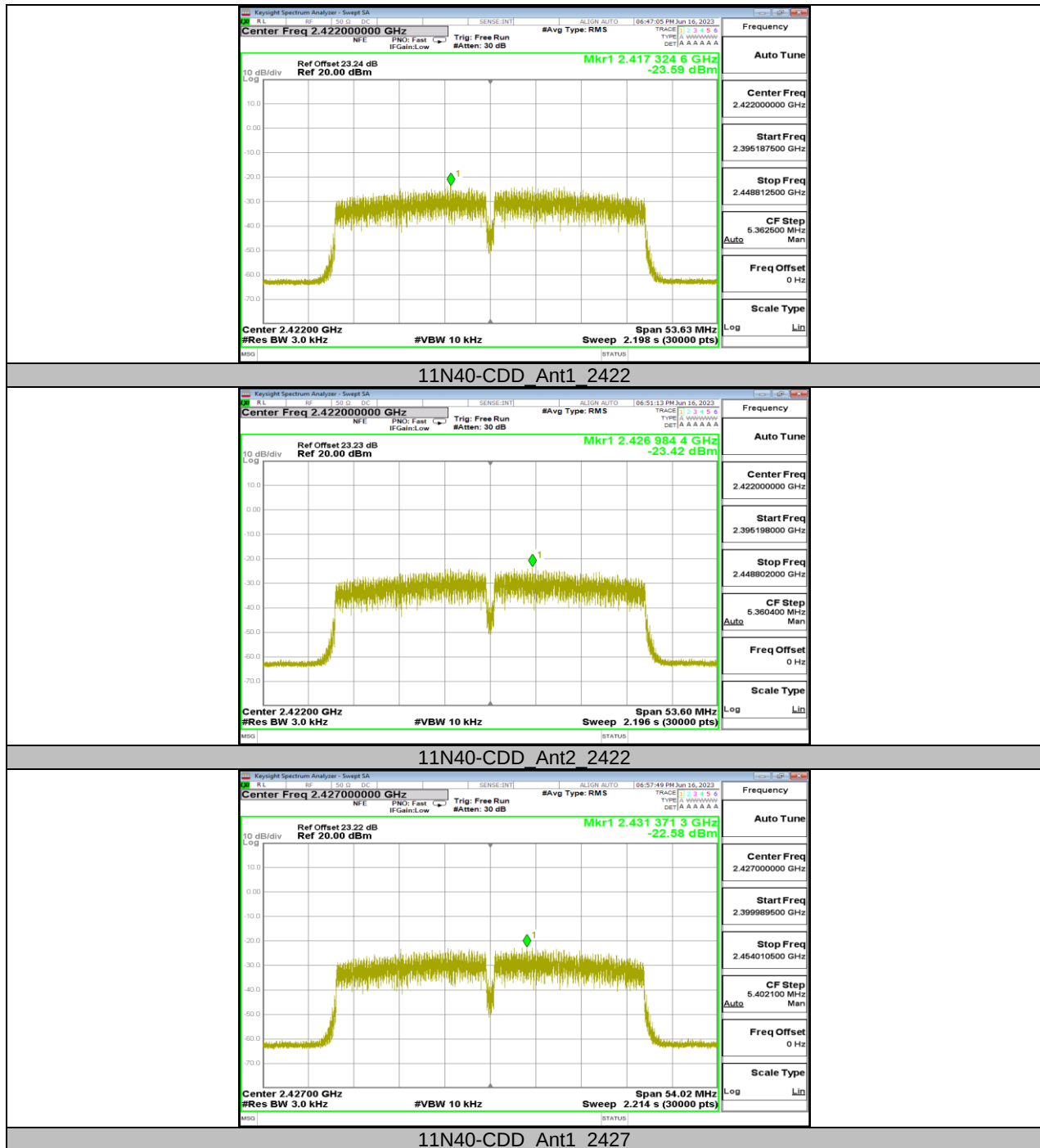


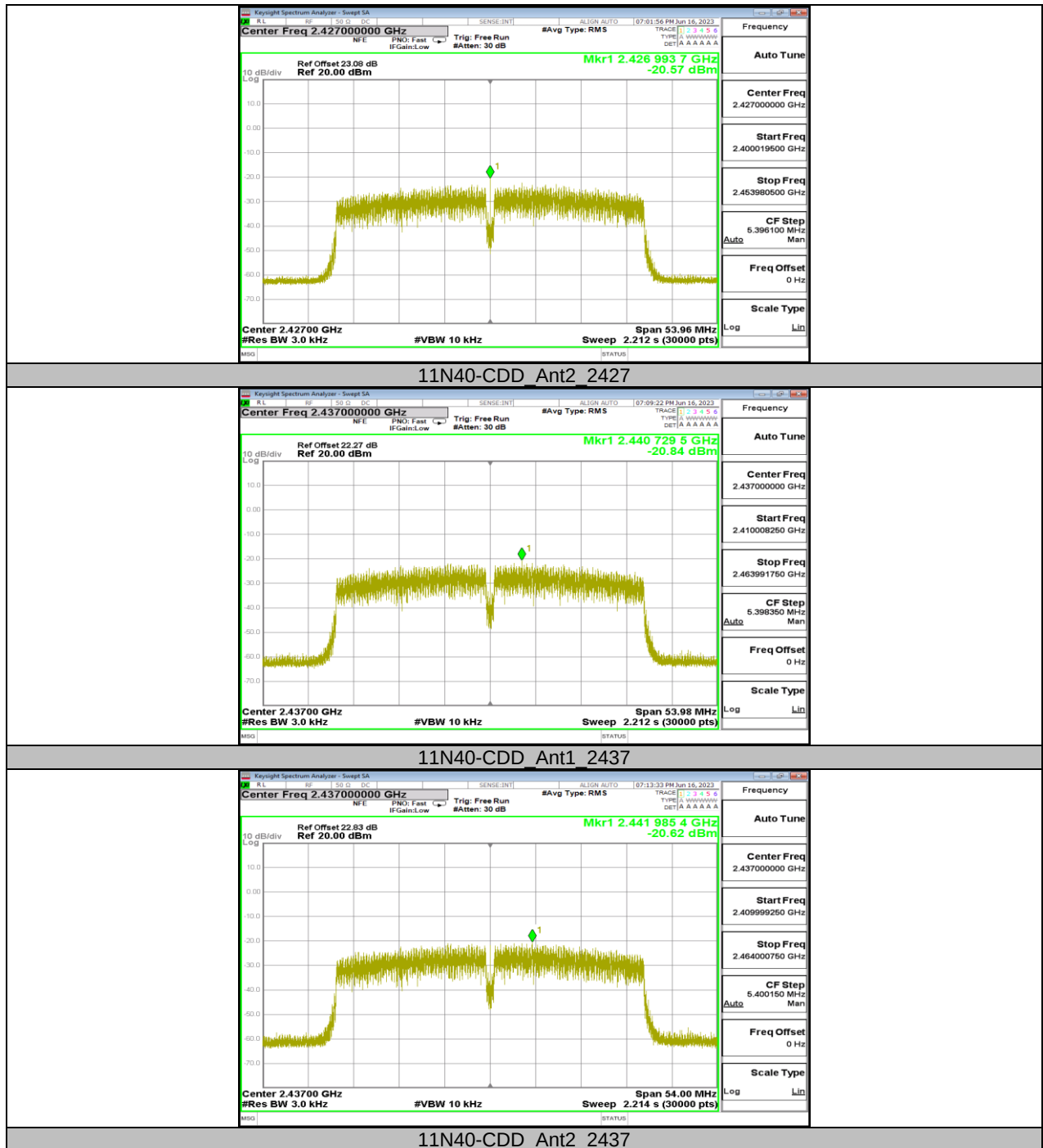


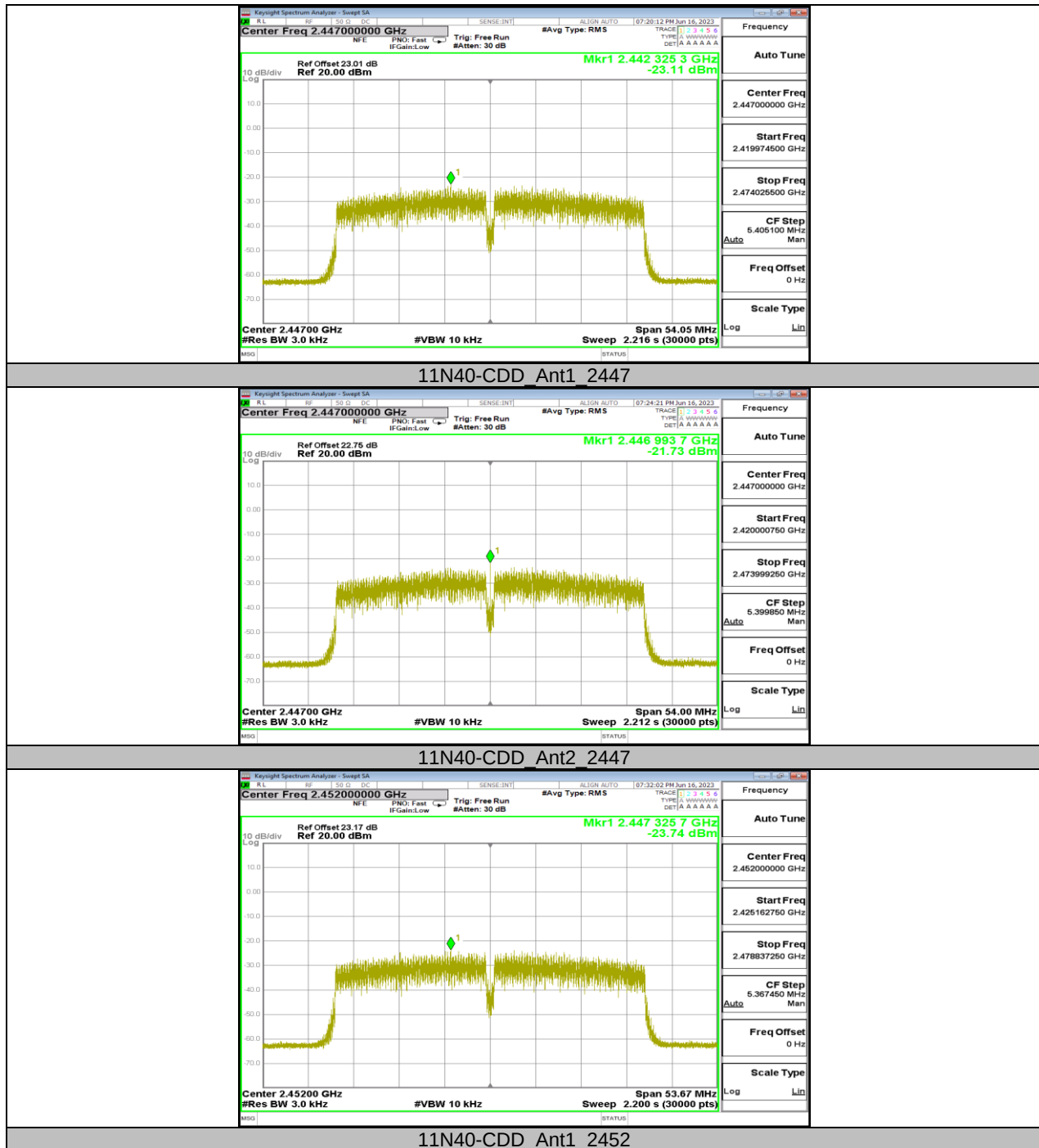


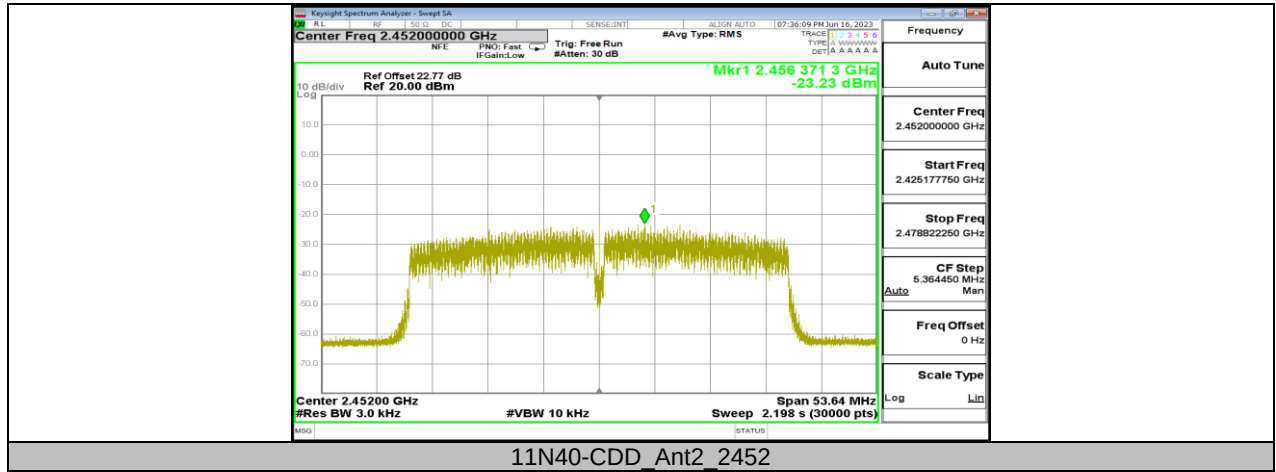










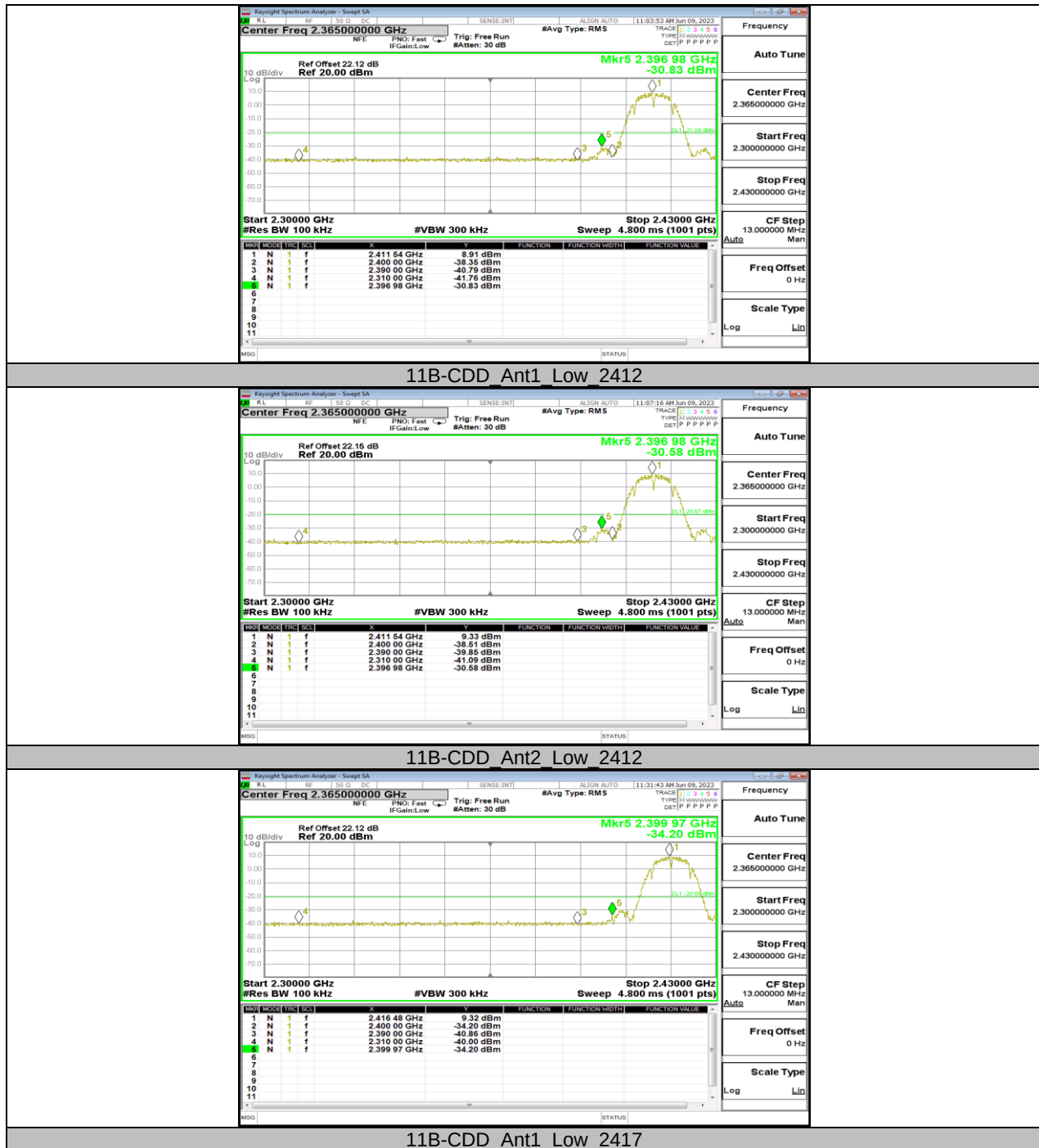


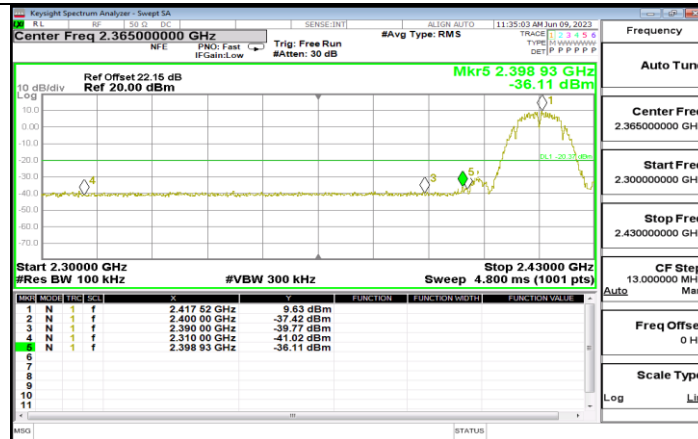
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

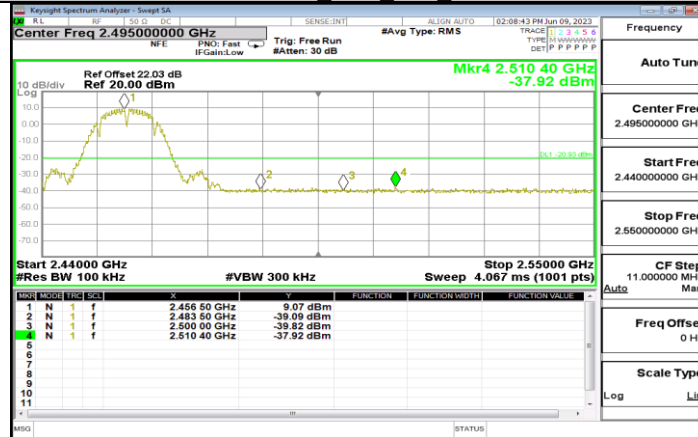
| Test Mode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B-CDD   | Ant1    | Low    | 2412    | 8.91          | -30.83      | ≤-21.09    | PASS    |
|           | Ant2    | Low    | 2412    | 9.33          | -30.58      | ≤-20.67    | PASS    |
|           | Ant1    | Low    | 2417    | 9.32          | -34.2       | ≤-20.68    | PASS    |
|           | Ant2    | Low    | 2417    | 9.64          | -36.11      | ≤-20.37    | PASS    |
|           | Ant1    | High   | 2457    | 9.07          | -37.92      | ≤-20.93    | PASS    |
|           | Ant2    | High   | 2457    | 10.14         | -37.1       | ≤-19.86    | PASS    |
|           | Ant1    | High   | 2462    | 8.62          | -37.25      | ≤-21.38    | PASS    |
|           | Ant2    | High   | 2462    | 9.80          | -37.79      | ≤-20.2     | PASS    |
| 11G-CDD   | Ant1    | Low    | 2412    | 6.66          | -24.22      | ≤-23.34    | PASS    |
|           | Ant2    | Low    | 2412    | 7.17          | -25.64      | ≤-22.83    | PASS    |
|           | Ant1    | Low    | 2417    | 10.13         | -20.91      | ≤-19.87    | PASS    |
|           | Ant2    | Low    | 2417    | 10.20         | -20.96      | ≤-19.8     | PASS    |
|           | Ant1    | High   | 2457    | 11.88         | -26.61      | ≤-18.12    | PASS    |
|           | Ant2    | High   | 2457    | 13.44         | -24.59      | ≤-16.56    | PASS    |
|           | Ant1    | High   | 2462    | 5.85          | -37.2       | ≤-24.15    | PASS    |
|           | Ant2    | High   | 2462    | 6.38          | -36.58      | ≤-23.62    | PASS    |
| 11N20-CDD | Ant1    | Low    | 2412    | 5.77          | -25.33      | ≤-24.23    | PASS    |
|           | Ant2    | Low    | 2412    | 5.69          | -26.47      | ≤-24.31    | PASS    |
|           | Ant1    | Low    | 2417    | 8.19          | -23.54      | ≤-21.81    | PASS    |
|           | Ant2    | Low    | 2417    | 8.87          | -24         | ≤-21.13    | PASS    |
|           | Ant1    | High   | 2457    | 13.09         | -23.15      | ≤-16.91    | PASS    |
|           | Ant2    | High   | 2457    | 13.68         | -22.12      | ≤-16.32    | PASS    |
|           | Ant1    | High   | 2462    | 5.84          | -35.16      | ≤-24.16    | PASS    |
|           | Ant2    | High   | 2462    | 6.85          | -33.09      | ≤-23.16    | PASS    |
| 11N40-CDD | Ant1    | Low    | 2422    | 2.42          | -29.39      | ≤-27.58    | PASS    |
|           | Ant2    | Low    | 2422    | 2.65          | -30.25      | ≤-27.35    | PASS    |
|           | Ant1    | Low    | 2427    | 4.05          | -27.89      | ≤-25.95    | PASS    |
|           | Ant2    | Low    | 2427    | 4.73          | -27.48      | ≤-25.27    | PASS    |
|           | Ant1    | High   | 2447    | 5.81          | -26.01      | ≤-24.2     | PASS    |
|           | Ant2    | High   | 2447    | 6.47          | -23.92      | ≤-23.53    | PASS    |
|           | Ant1    | High   | 2452    | 3.38          | -32.1       | ≤-26.62    | PASS    |
|           | Ant2    | High   | 2452    | 3.20          | -30.19      | ≤-26.8     | PASS    |

## 11.5.2. Test Graphs





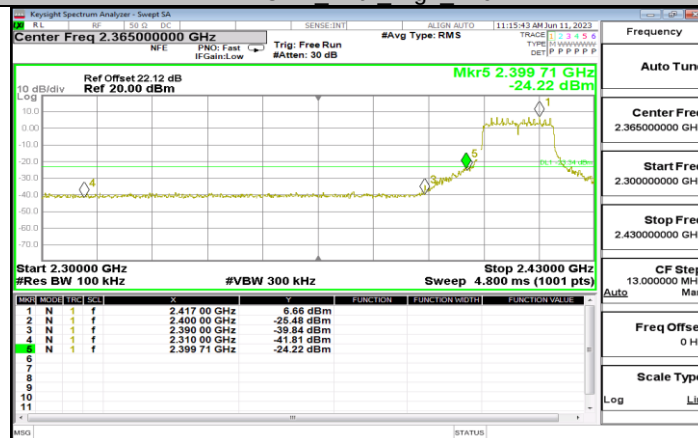
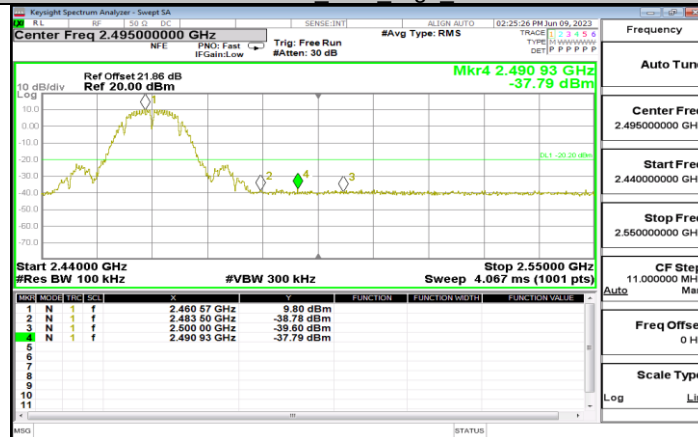
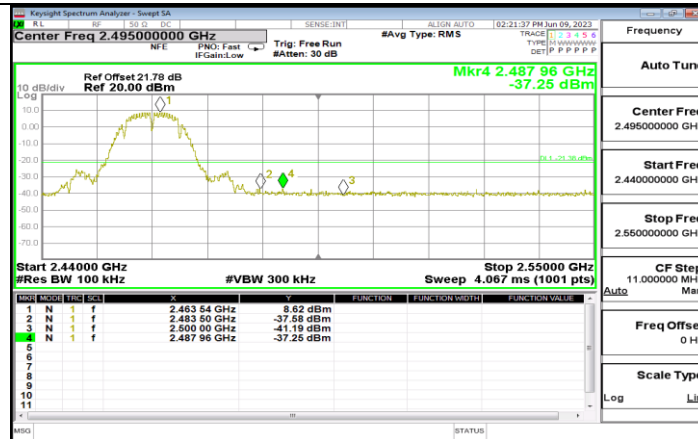
11B-CDD Ant2 Low 2417



11B-CDD Ant1 High 2457

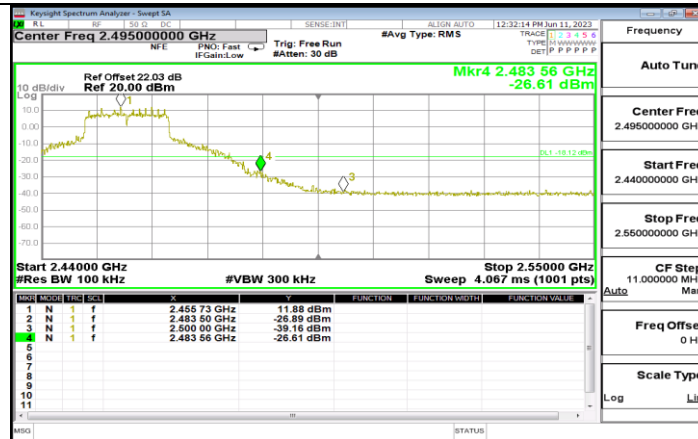


11B-CDD Ant2 High 2457

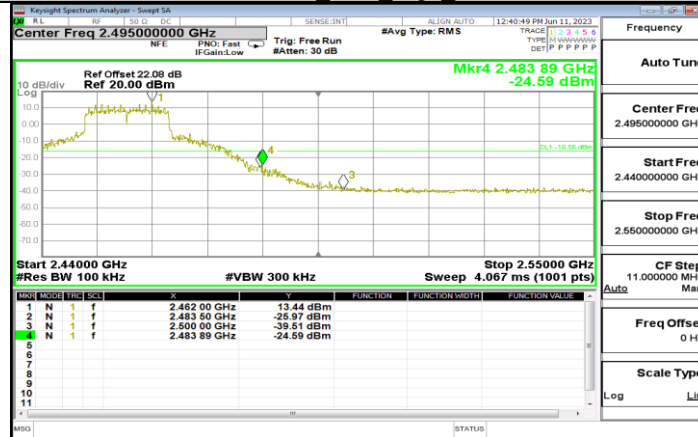




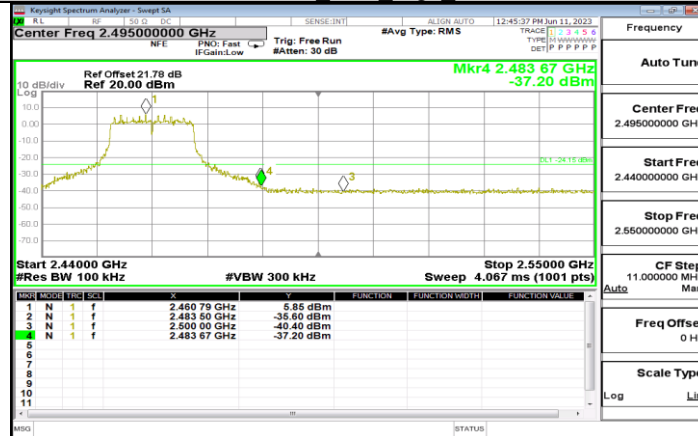




11G-CDD Ant1 High 2457



11G-CDD Ant2 High 2457



11G-CDD Ant1 High 2462