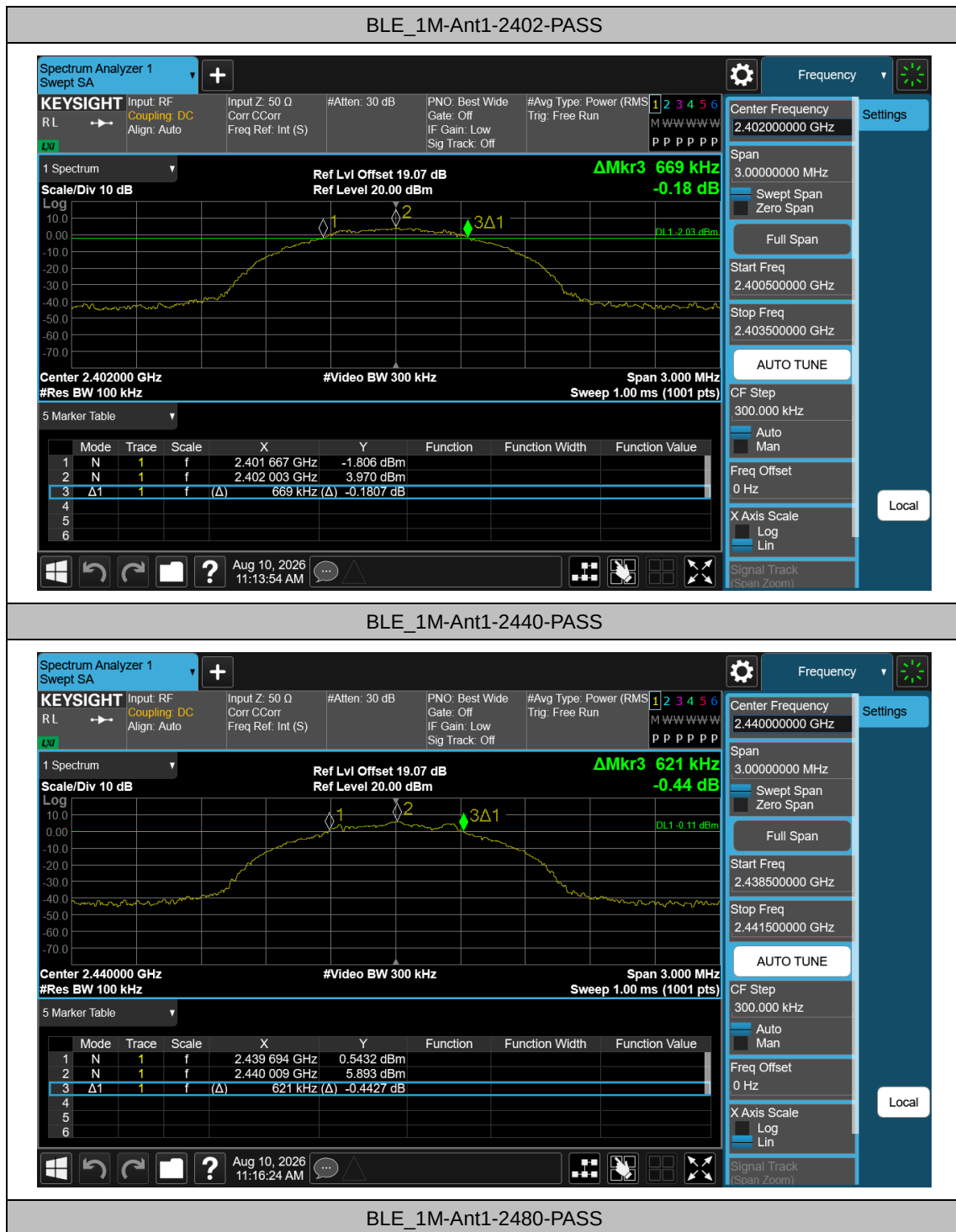


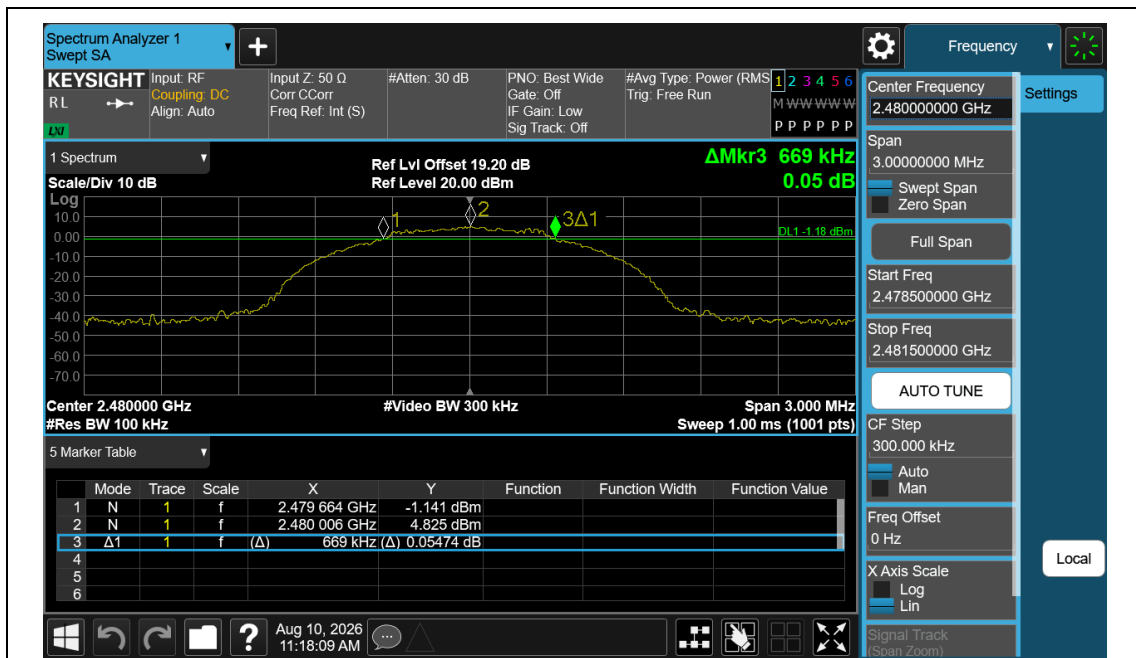
## Appendix A: DTS Bandwidth

### Test Result

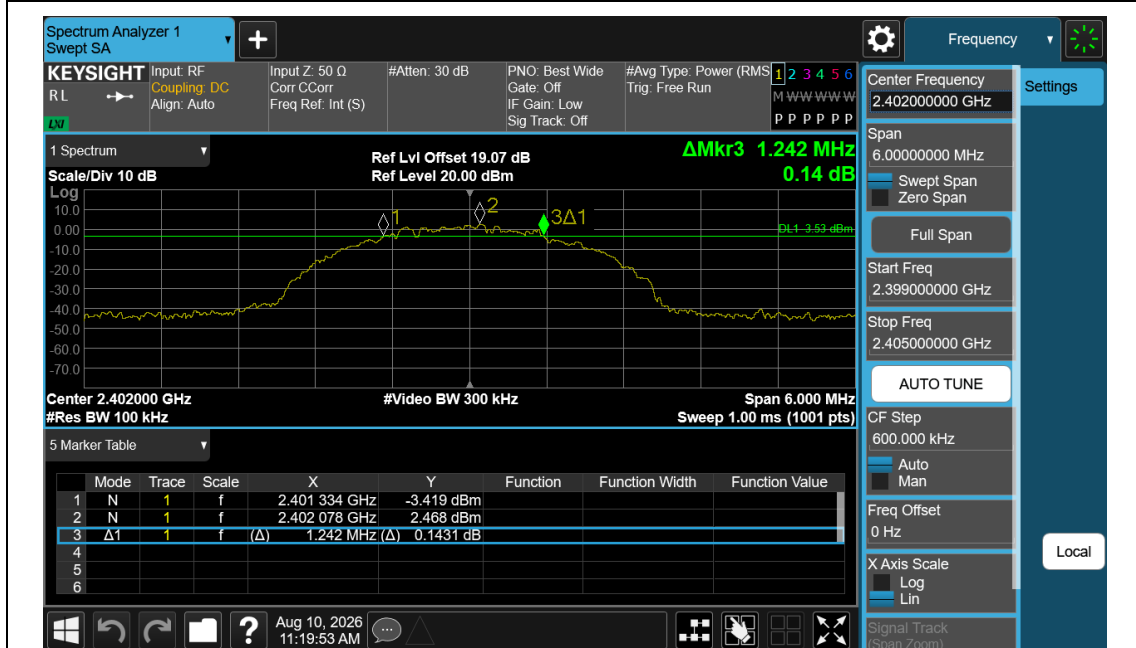
| Test Mode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 0.669        | 2401.667 | 2402.336 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.621        | 2439.694 | 2440.315 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.669        | 2479.664 | 2480.333 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2402           | 1.242        | 2401.334 | 2402.576 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2440           | 1.074        | 2439.466 | 2440.540 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2480           | 1.116        | 2479.460 | 2480.576 | 0.5        | PASS    |

## Test Graphs

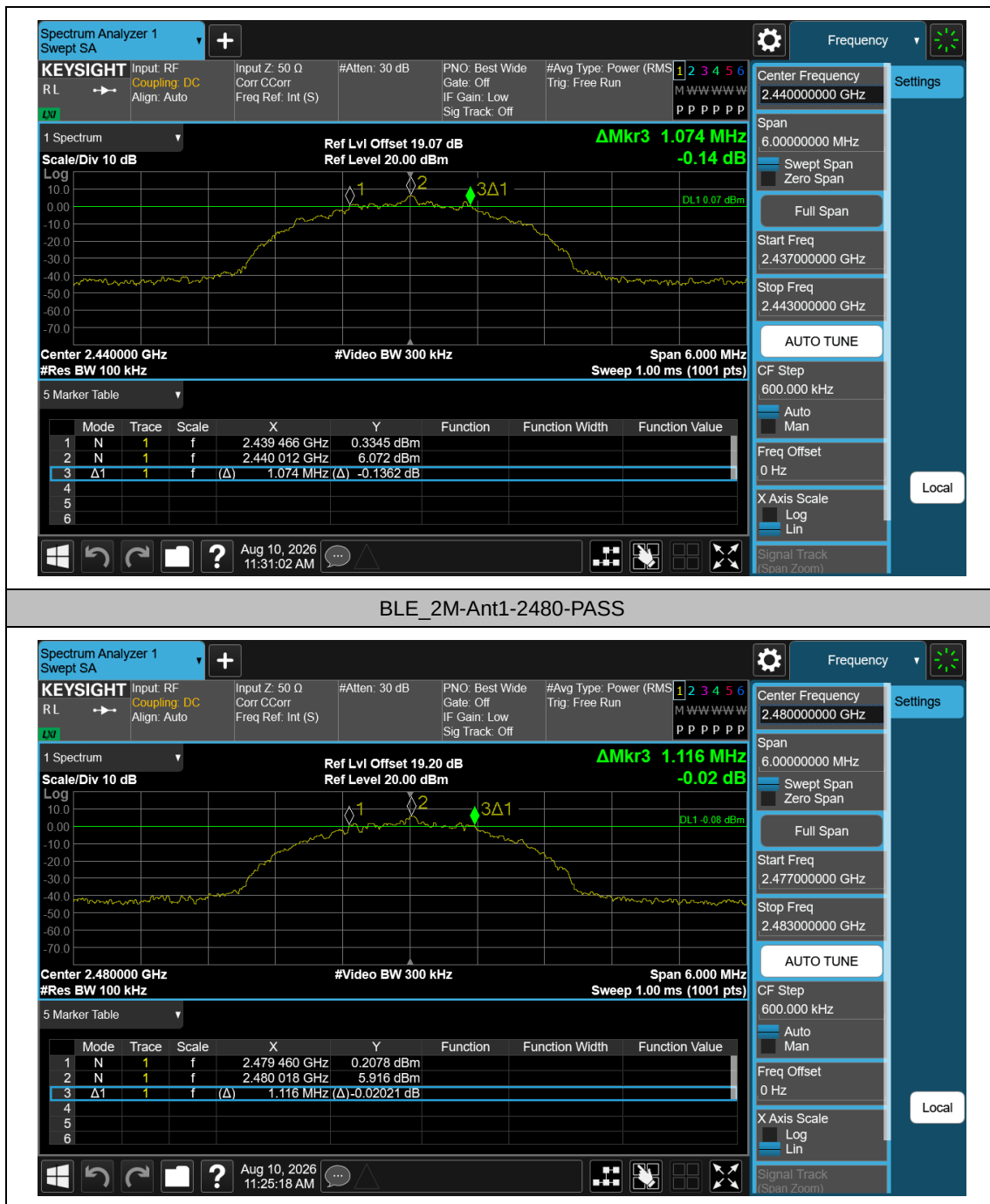




BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS

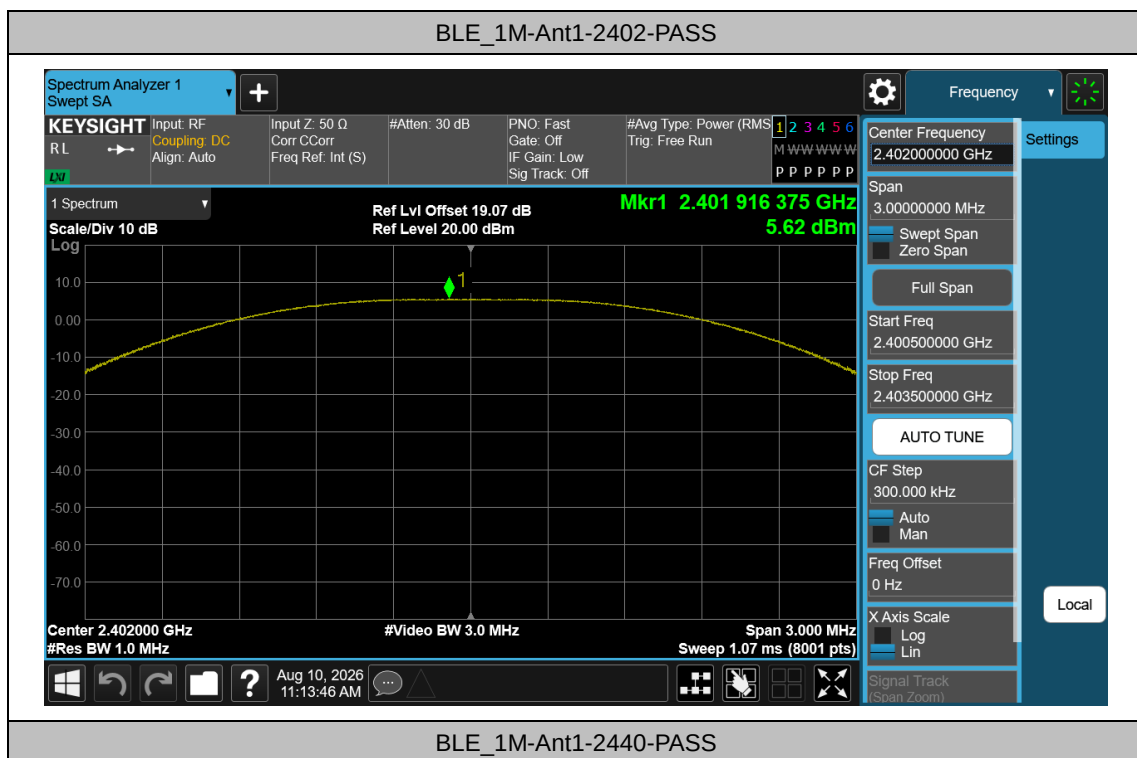


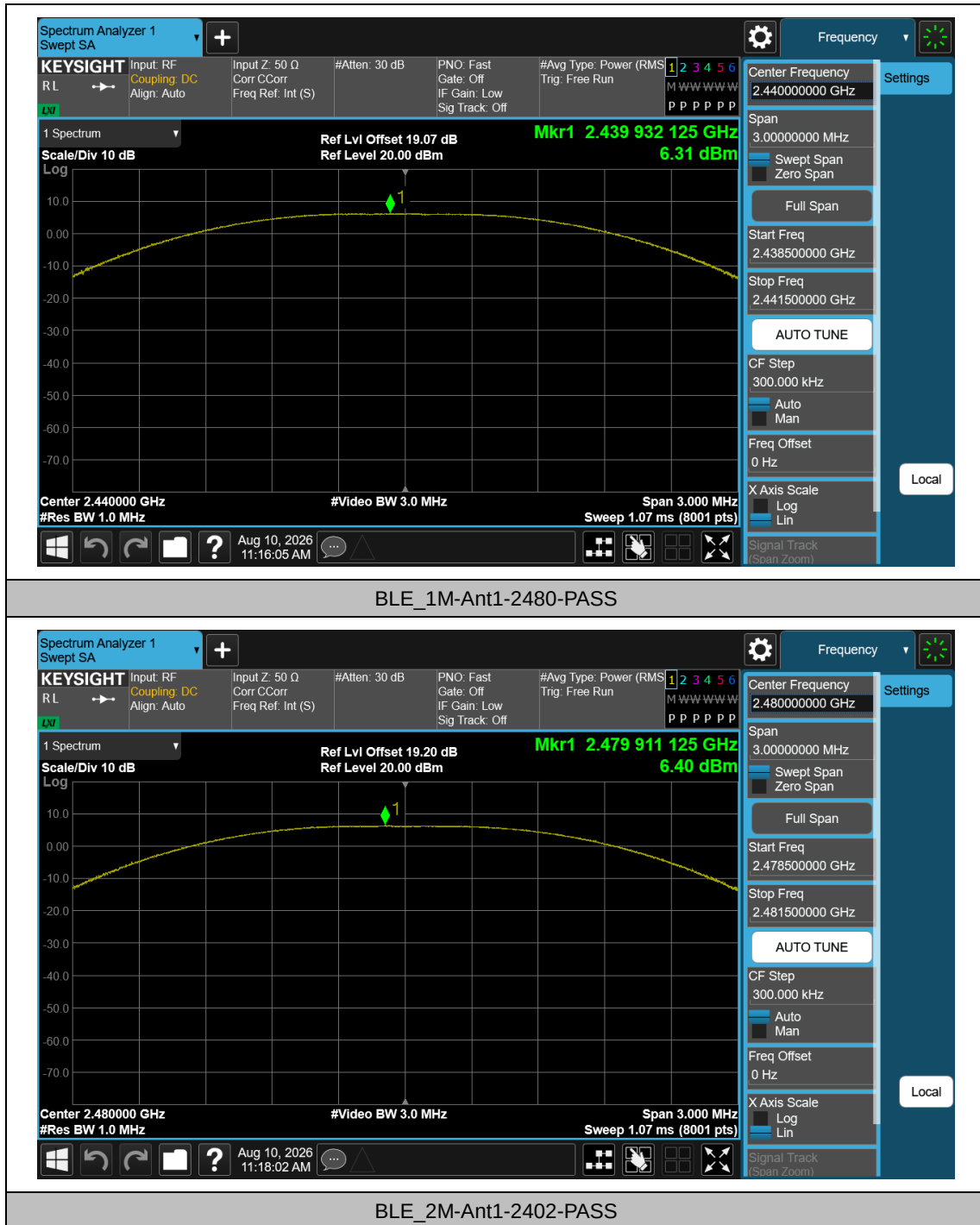
## Appendix B: Maximum conducted output power

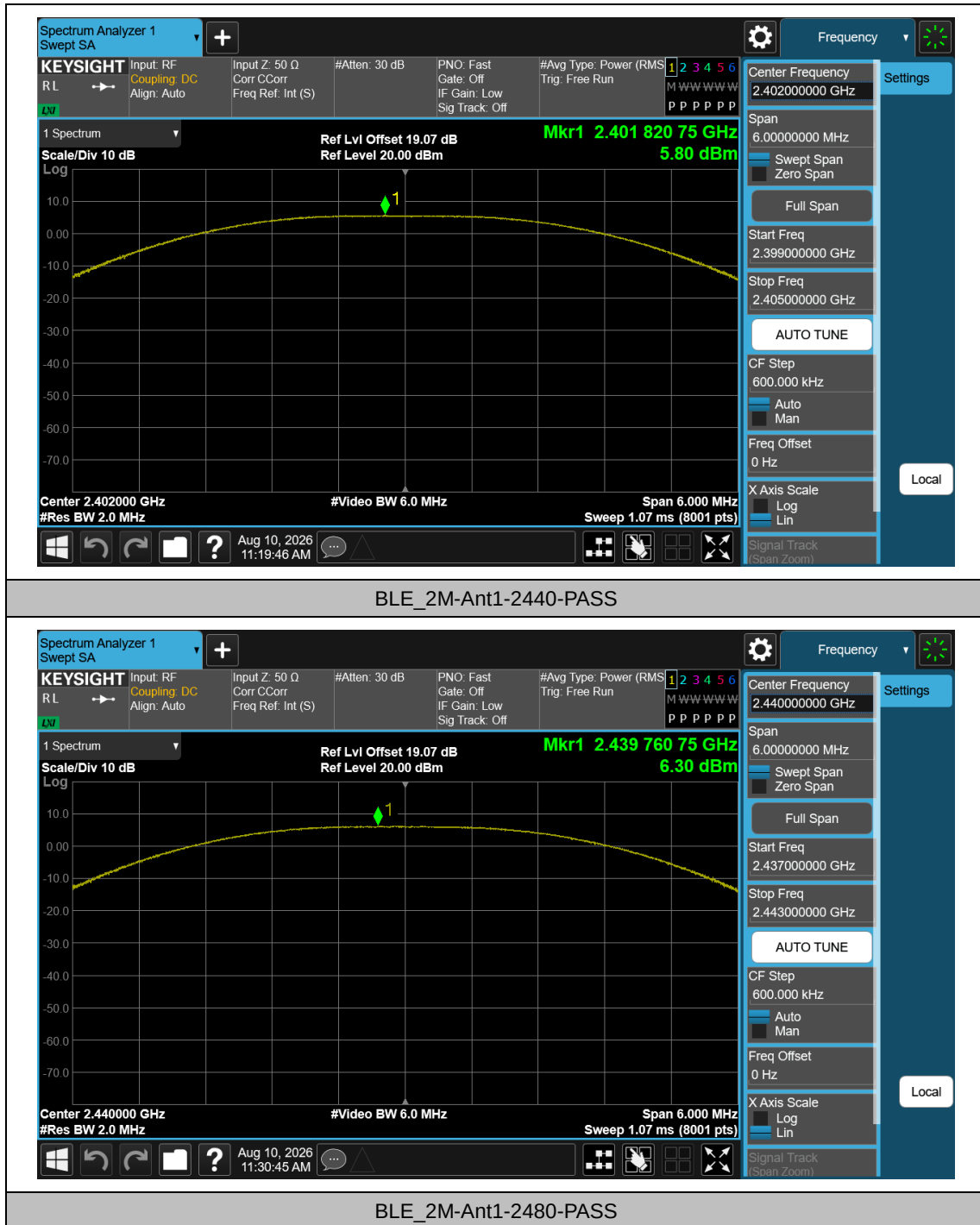
### Test Result Peak

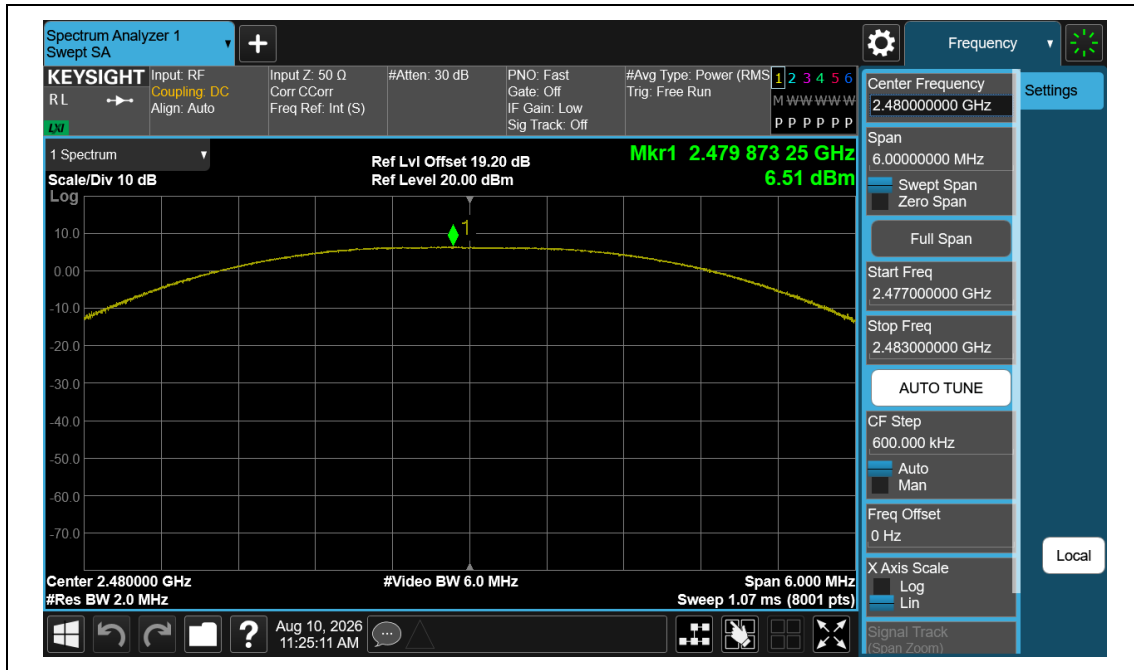
| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402           | 5.62                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440           | 6.31                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480           | 6.40                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2402           | 5.80                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2440           | 6.30                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2480           | 6.51                      | ≤30                  | PASS    |

### Test Graphs Peak







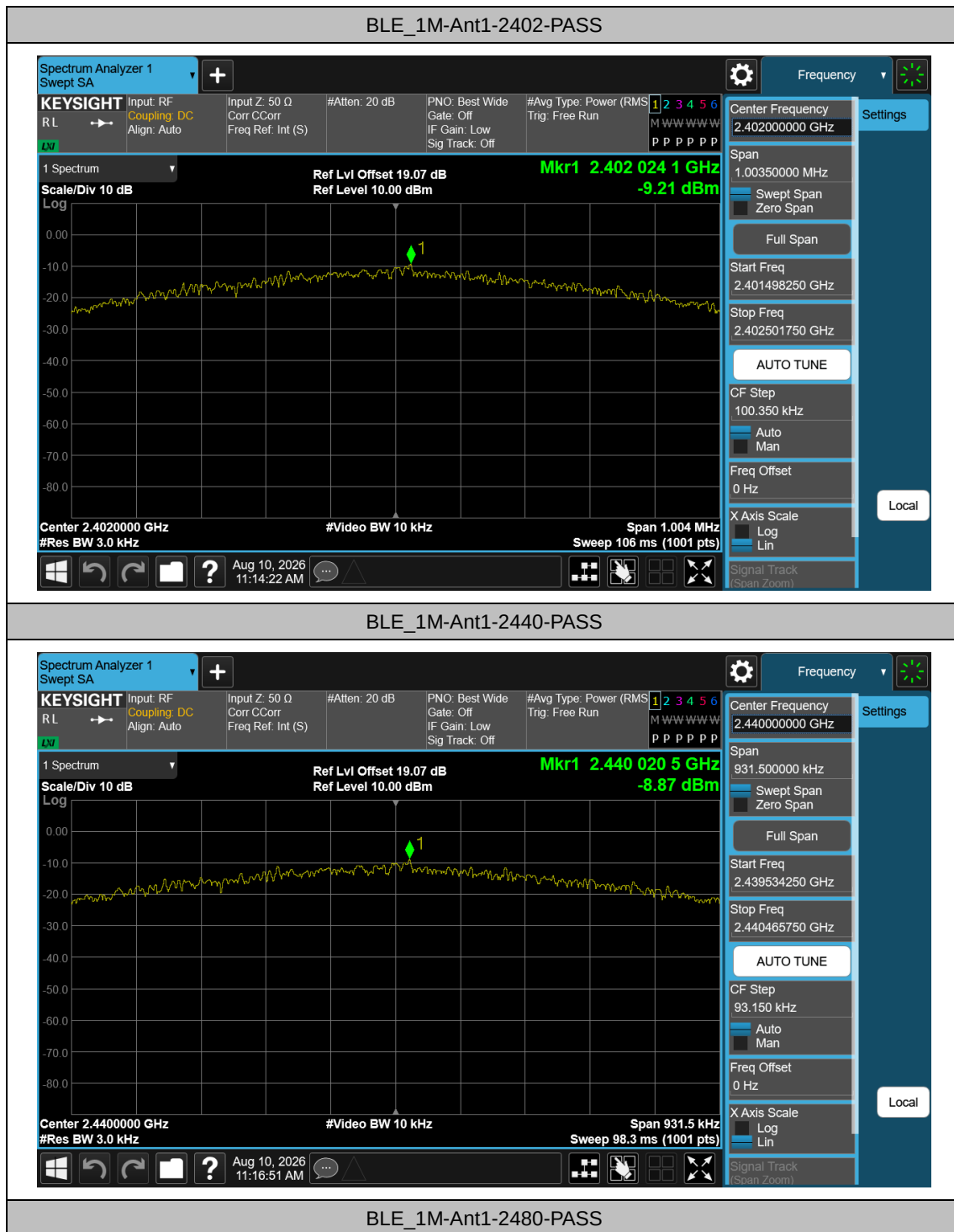


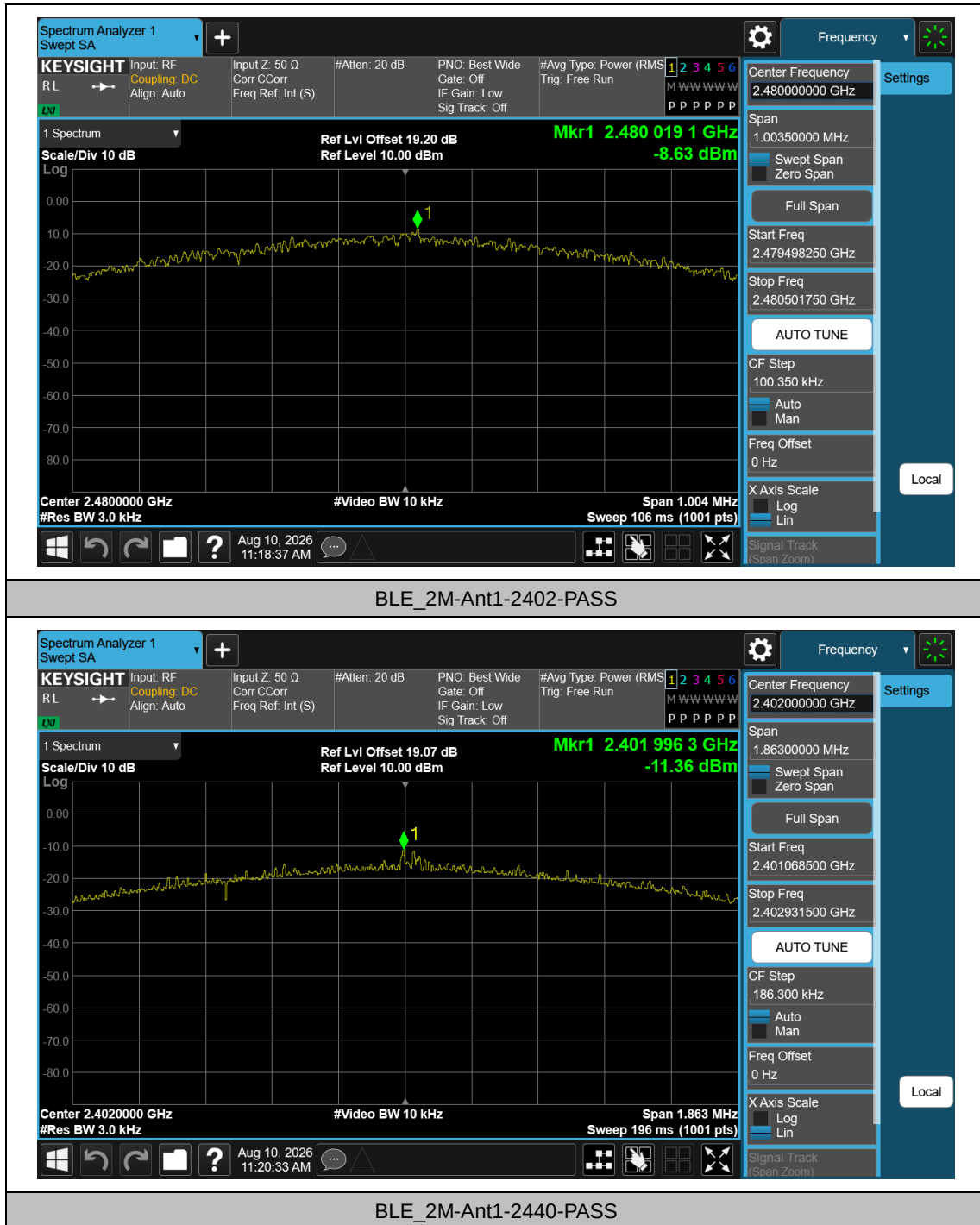
## Appendix C: Maximum power spectral density

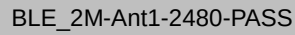
### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -9.21            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -8.87            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -8.63            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -11.36           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -10.92           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -10.74           | ≤8.00           | PASS    |

## Test Graphs







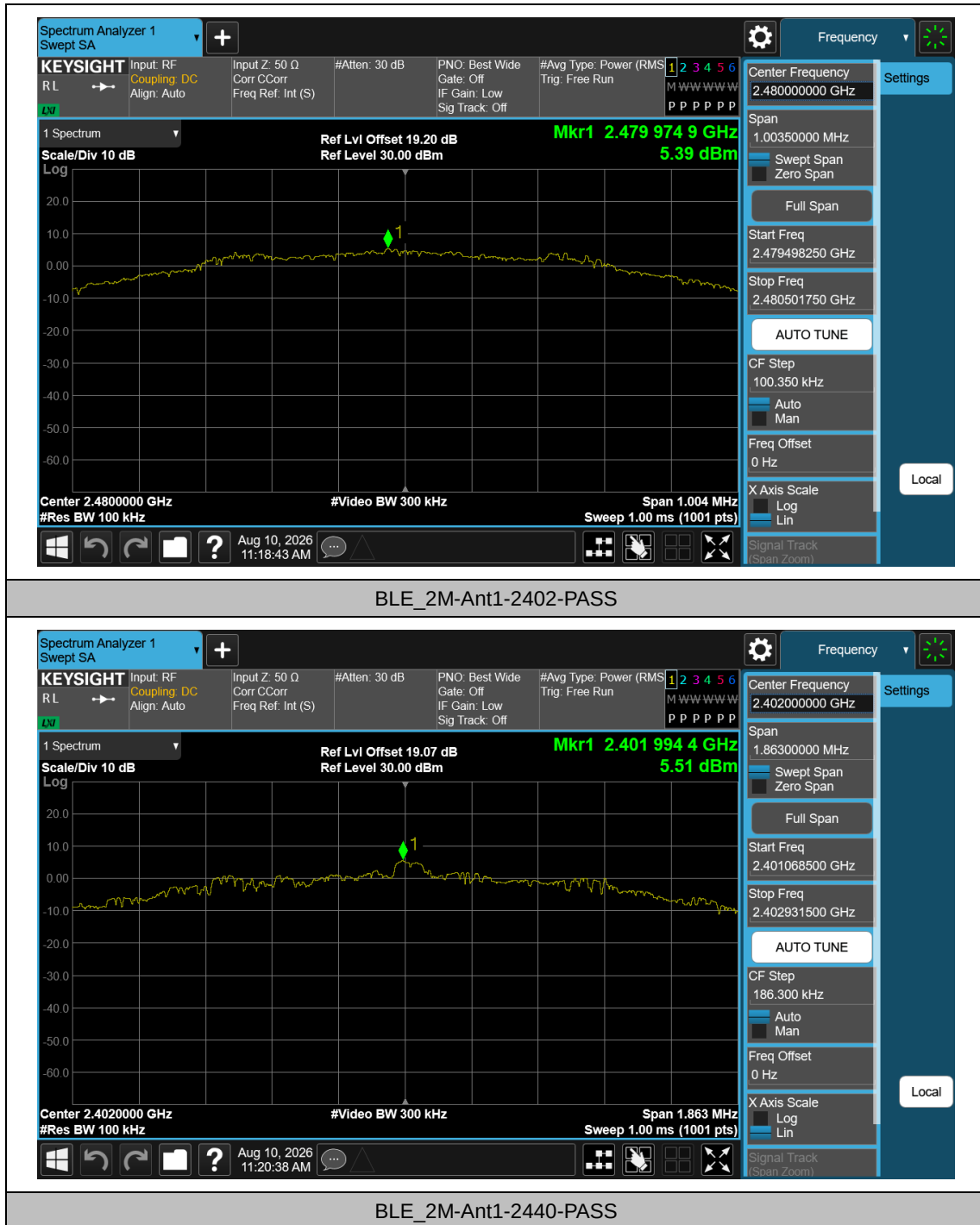
## Appendix D: Reference level measurement

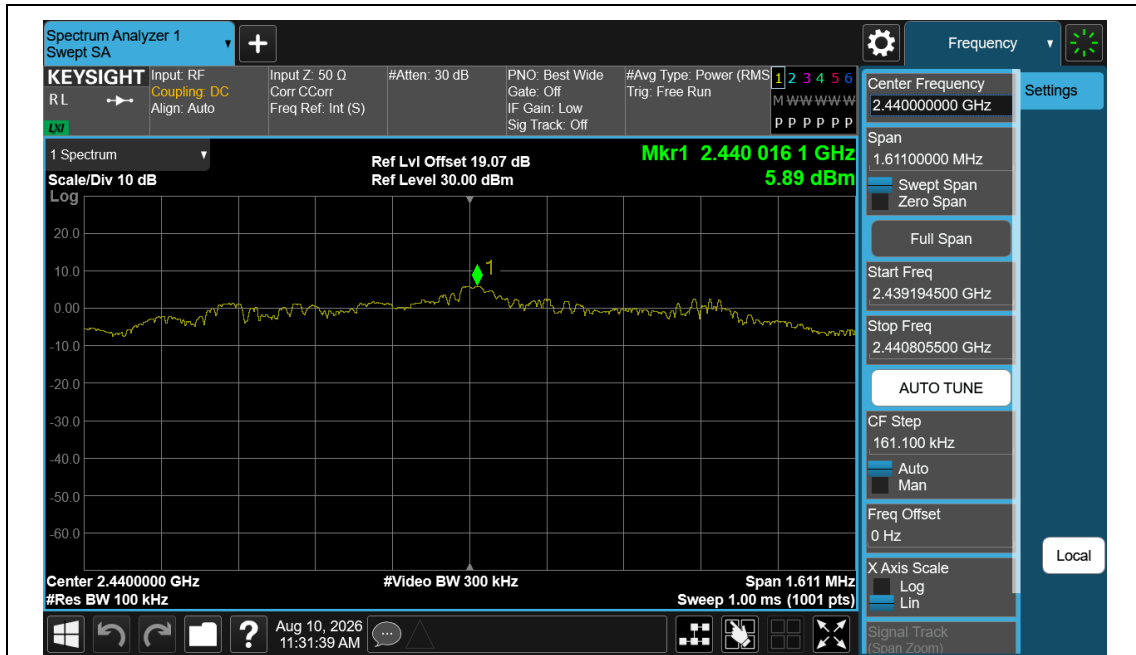
### Test Result

| TestMode | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|----------|---------|-----------|----------------|-------------|
| BLE_1M   | Ant1    | 2402      | 2402.01        | 5.37        |
| BLE_1M   | Ant1    | 2440      | 2440.00        | 6.02        |
| BLE_1M   | Ant1    | 2480      | 2479.97        | 5.39        |
| BLE_2M   | Ant1    | 2402      | 2401.99        | 5.51        |
| BLE_2M   | Ant1    | 2440      | 2440.02        | 5.89        |
| BLE_2M   | Ant1    | 2480      | 2480.00        | 6.16        |

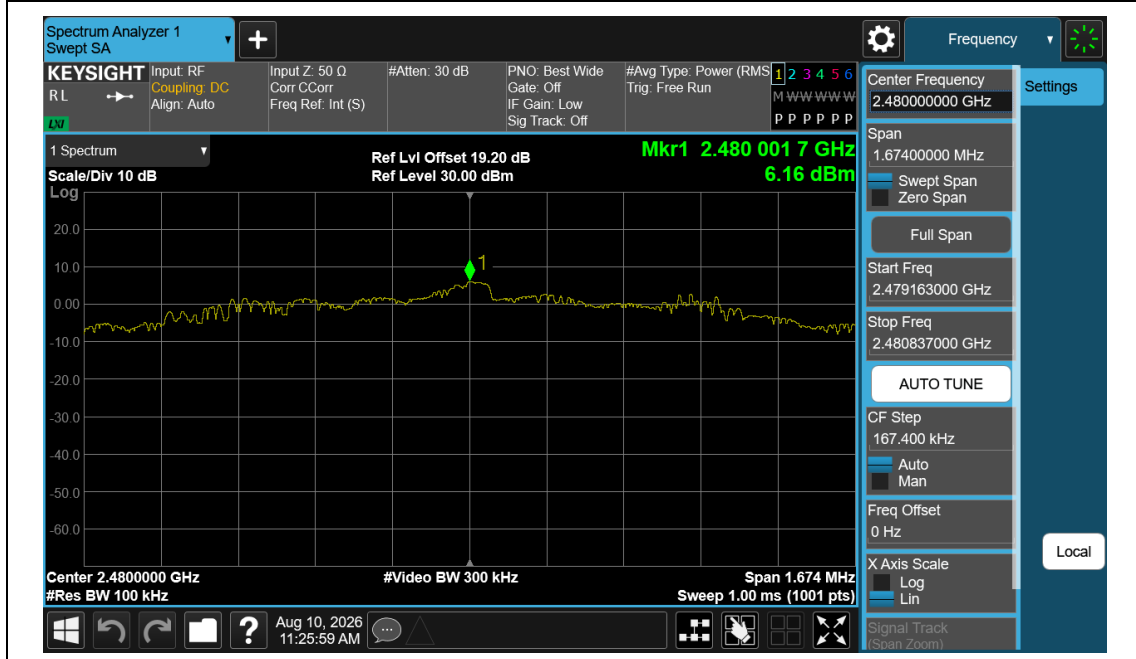
## Test Graphs







### BLE\_2M-Ant1-2480-PASS

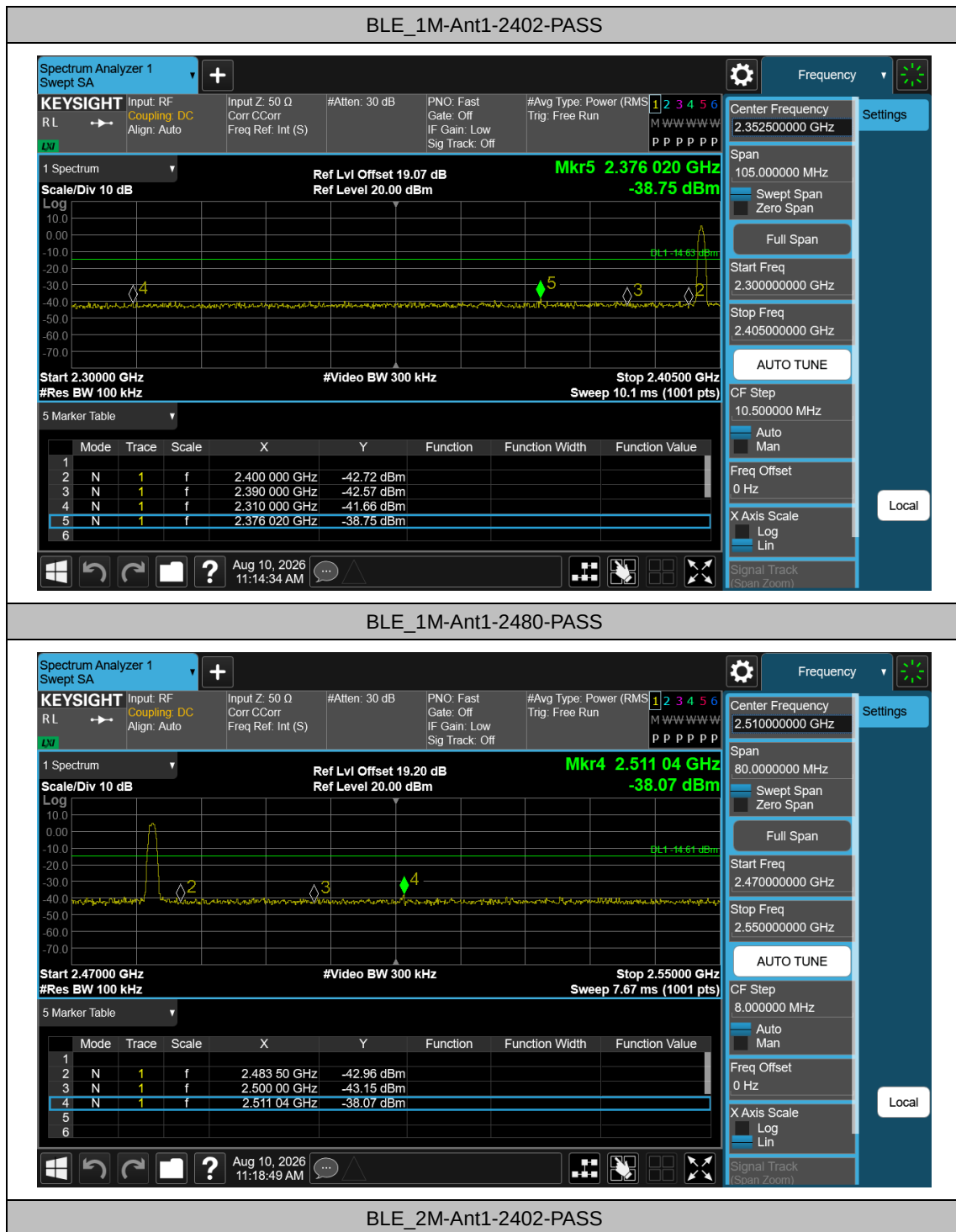


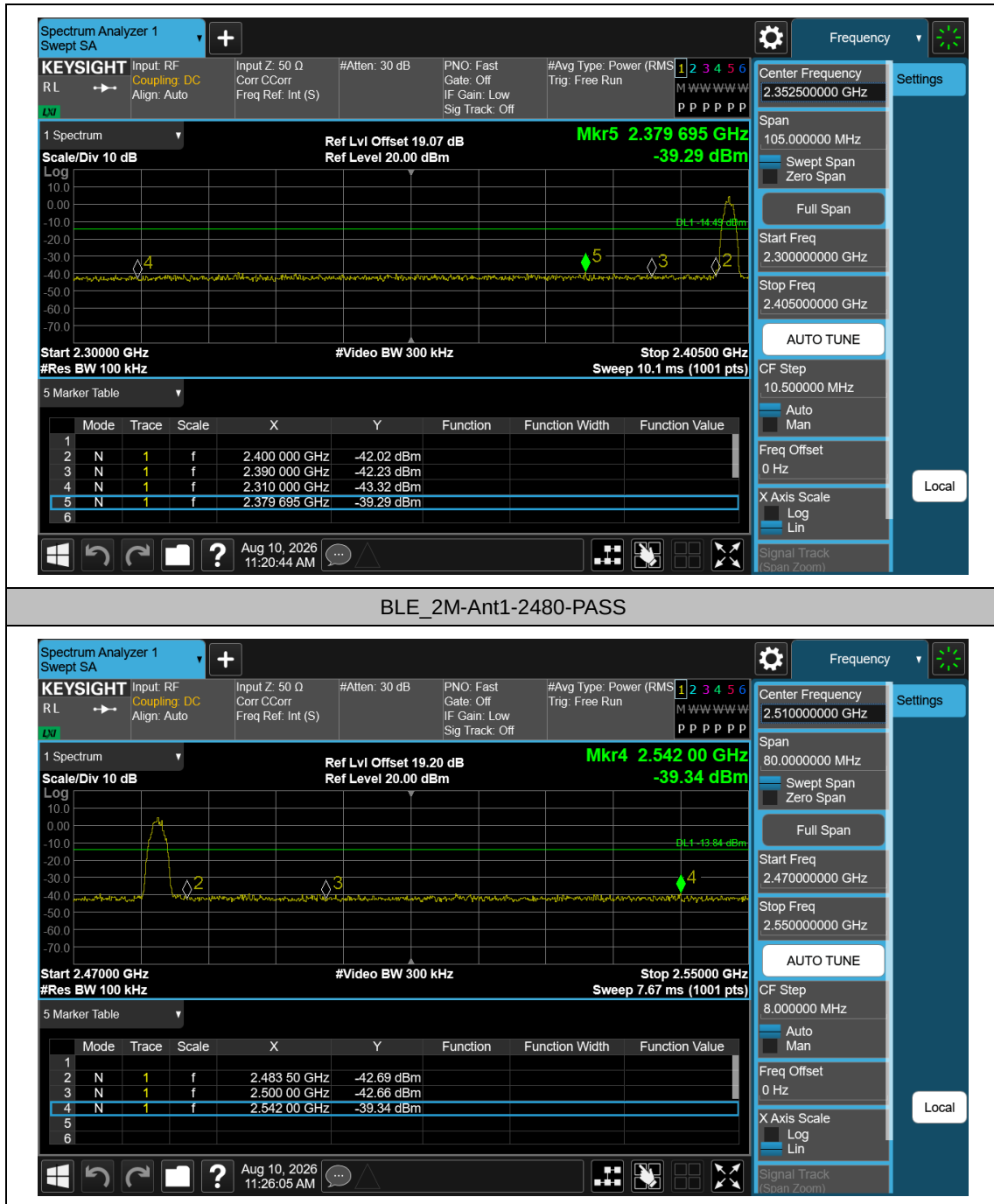
## Appendix E: Band edge measurements

### Test Result

| TestMode | Antenna | ChName | Frequency<br>[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|--------------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402               | 5.37          | -38.75      | ≤-14.63    | PASS    |
| BLE_1M   | Ant1    | High   | 2480               | 5.39          | -38.07      | ≤-14.61    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402               | 5.51          | -39.30      | ≤-14.49    | PASS    |
| BLE_2M   | Ant1    | High   | 2480               | 6.16          | -39.34      | ≤-13.84    | PASS    |

## Test Graphs



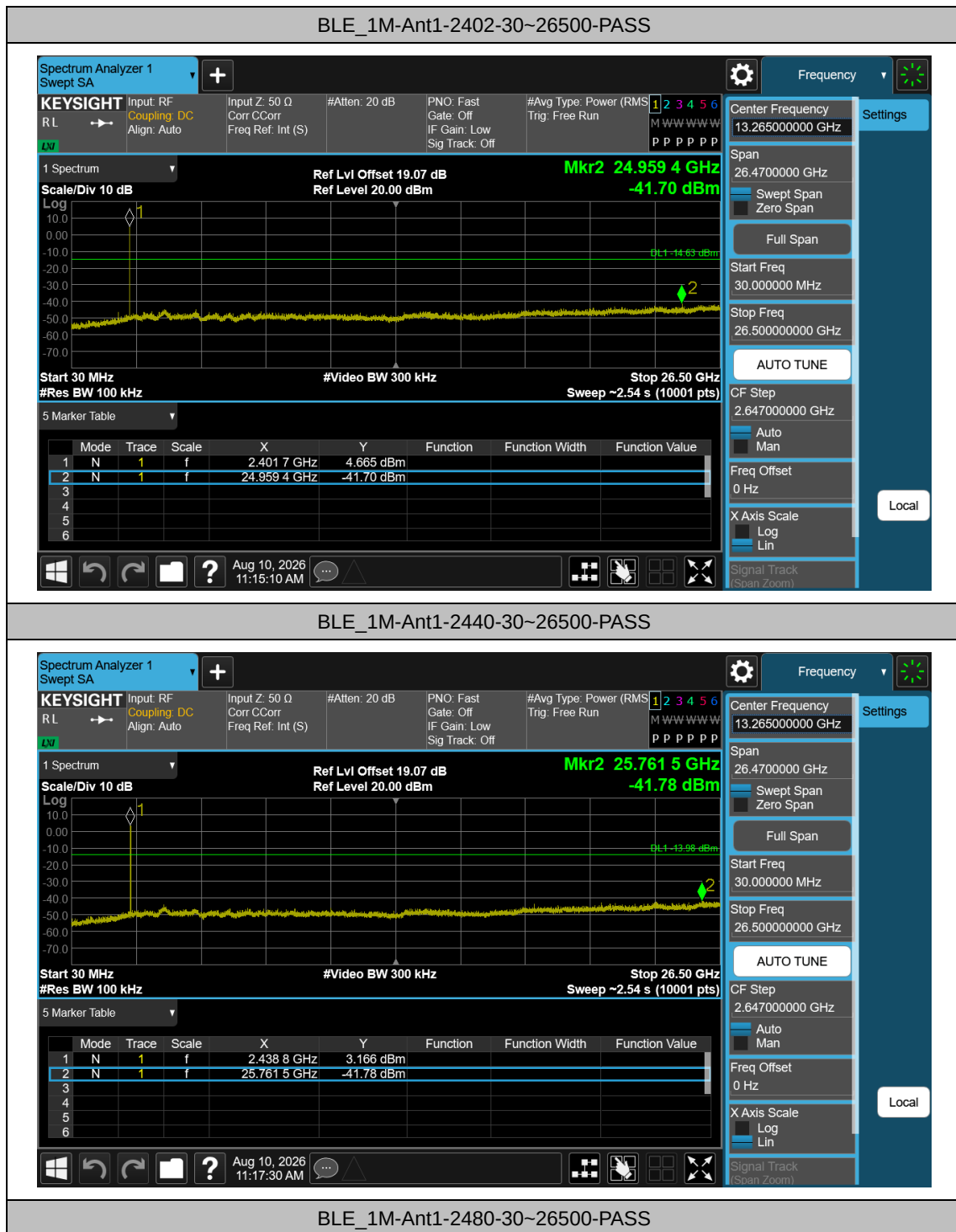


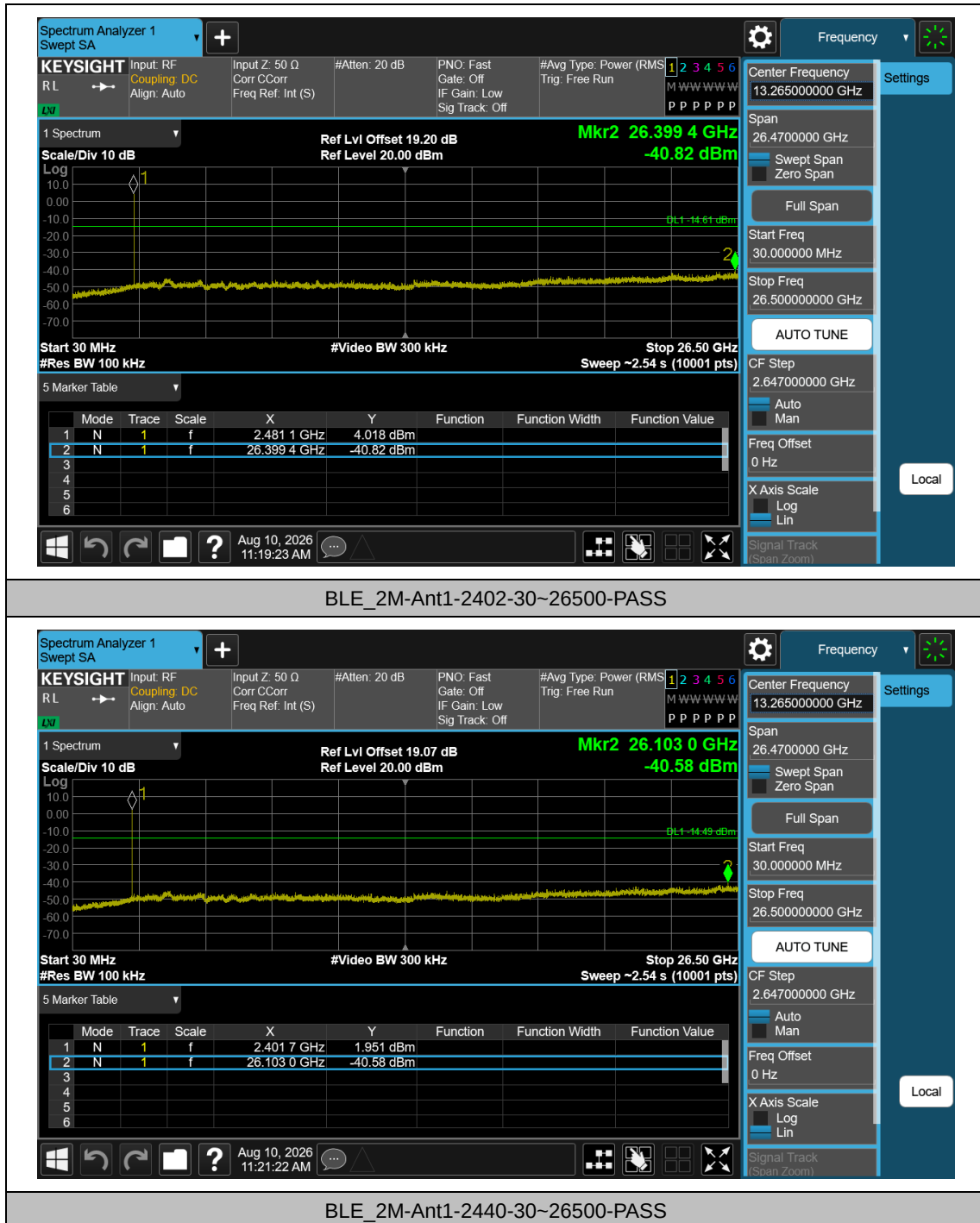
## Appendix F: Conducted Spurious Emission

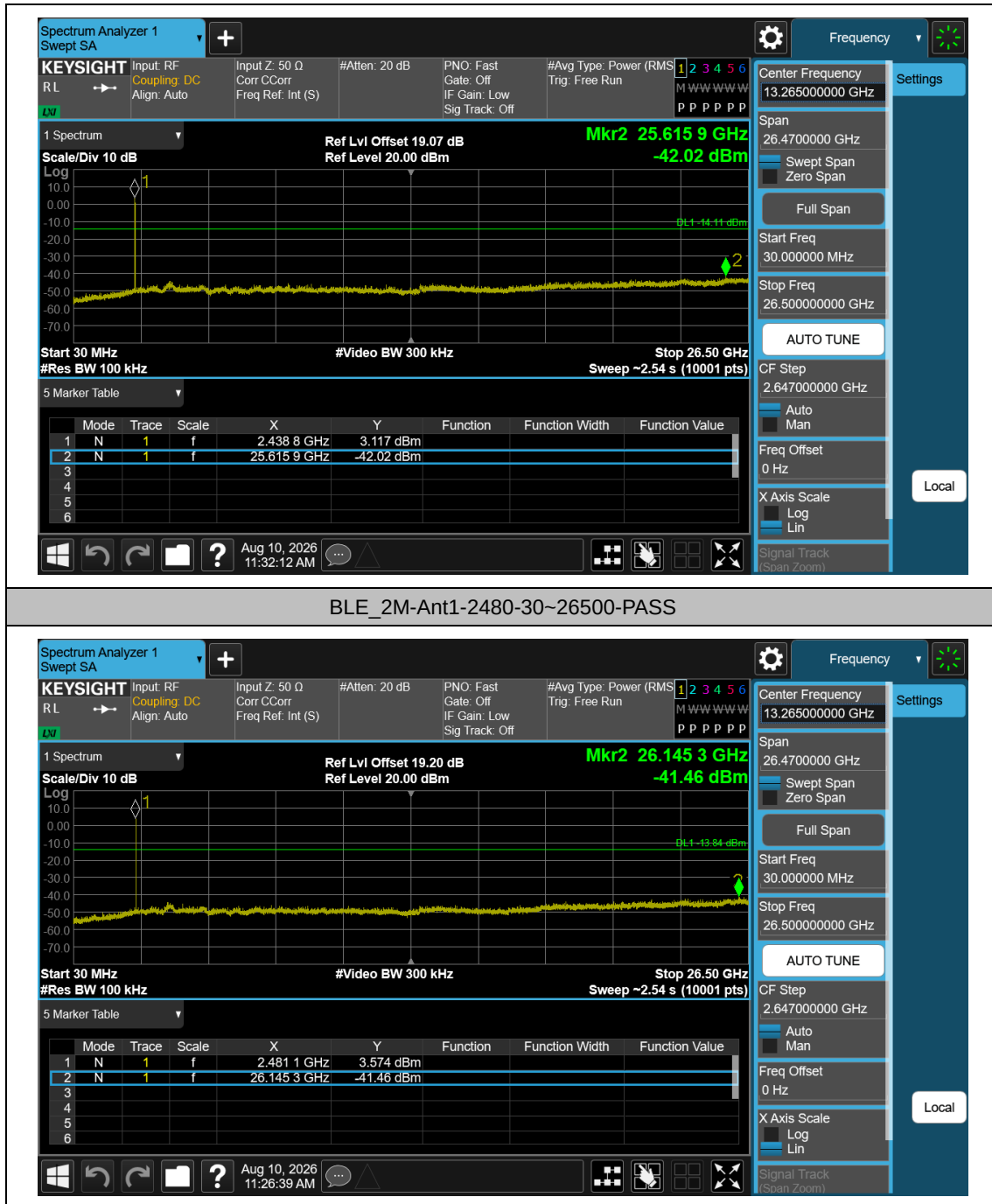
### Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 30~26500           | 5.37              | -41.70      | ≤-14.63    | PASS    |
| BLE_1M   | Ant1    | 2440           | 30~26500           | 6.02              | -41.78      | ≤-13.98    | PASS    |
| BLE_1M   | Ant1    | 2480           | 30~26500           | 5.39              | -40.82      | ≤-14.61    | PASS    |
| BLE_2M   | Ant1    | 2402           | 30~26500           | 5.51              | -40.58      | ≤-14.49    | PASS    |
| BLE_2M   | Ant1    | 2440           | 30~26500           | 5.89              | -42.02      | ≤-14.11    | PASS    |
| BLE_2M   | Ant1    | 2480           | 30~26500           | 6.16              | -41.46      | ≤-13.84    | PASS    |

## Test Graphs







## Appendix G: Duty Cycle

### Test Result

| TestMode | Antenna | Frequency[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] |
|----------|---------|----------------|-----------------|----------------|-------------------|--------------------------|
| BLE_1M   | Ant1    | 2440           | 2.10            | 2.50           | 84.00             | 0.76                     |
| BLE_2M   | Ant1    | 2440           | 1.05            | 1.87           | 56.15             | 2.51                     |

## Test Graphs

