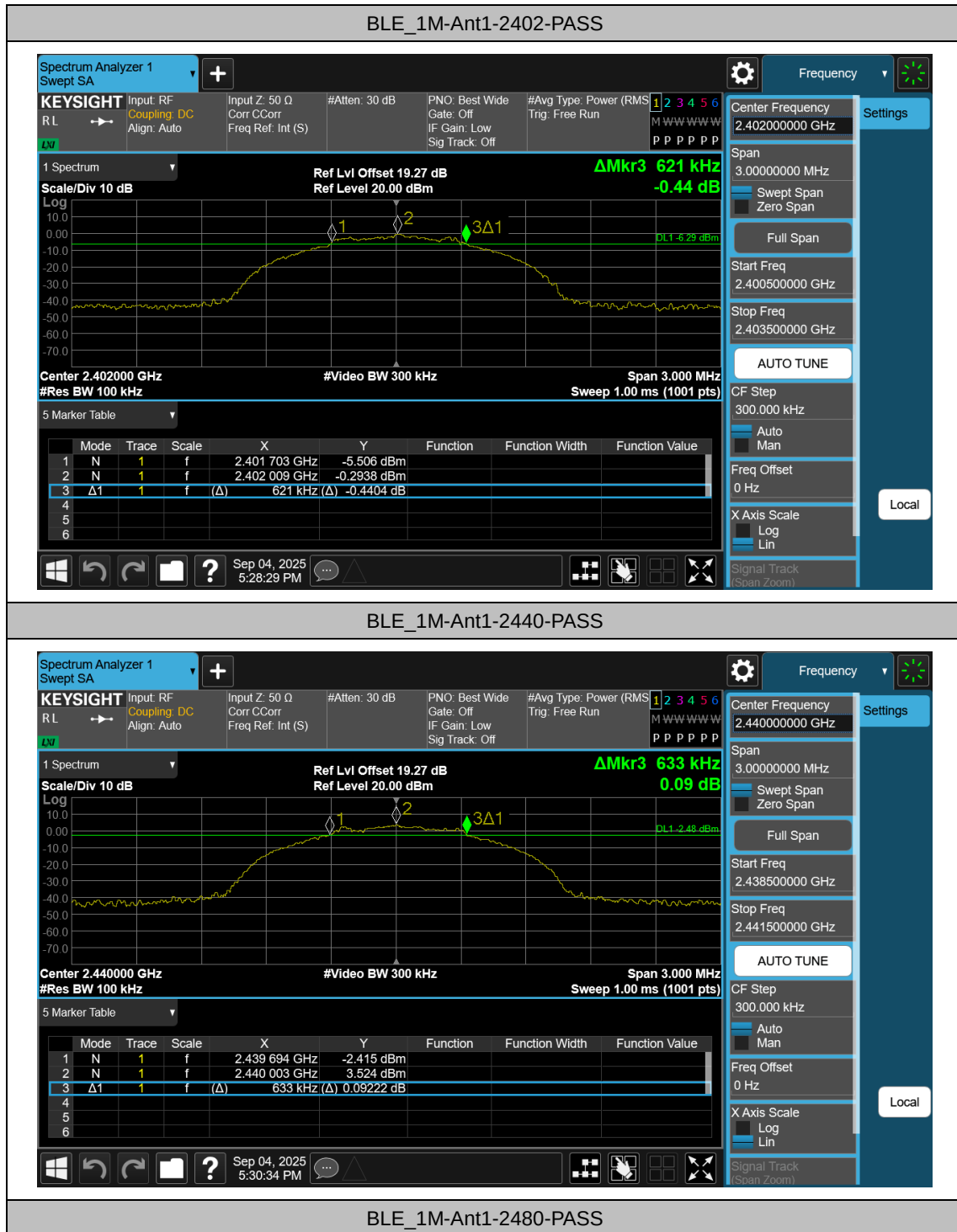


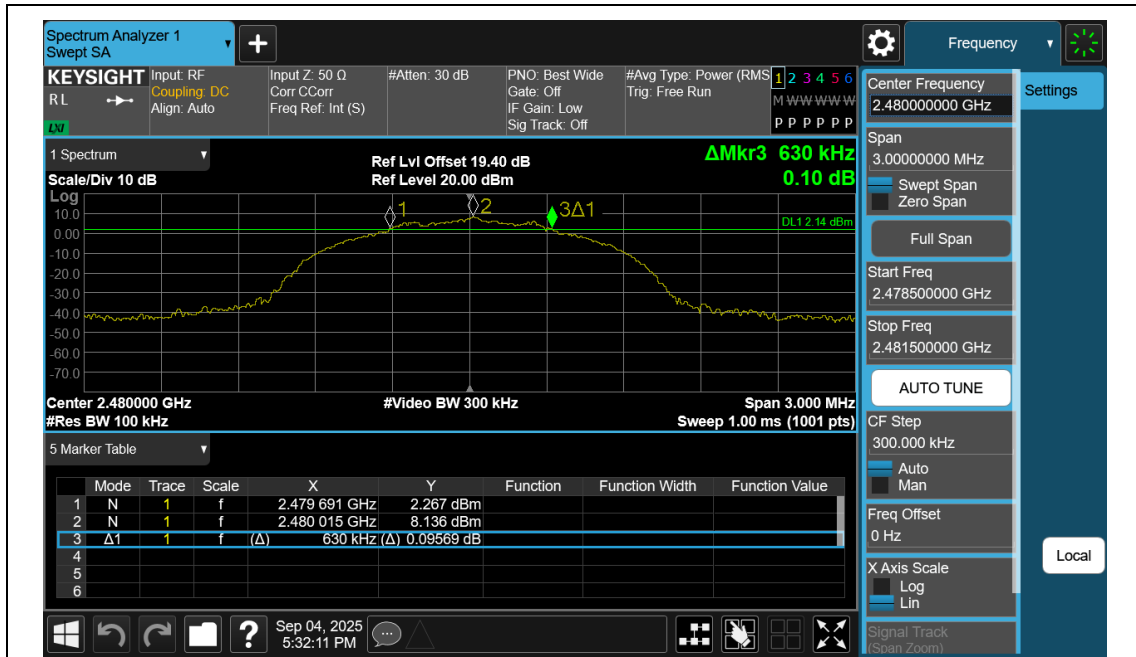
## Appendix A: DTS Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.621           | 2401.703 | 2402.324 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.633           | 2439.694 | 2440.327 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.630           | 2479.691 | 2480.321 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.248           | 2401.358 | 2402.606 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.152           | 2439.454 | 2440.606 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.332           | 2479.340 | 2480.672 | 0.5        | PASS    |

## Test Graphs

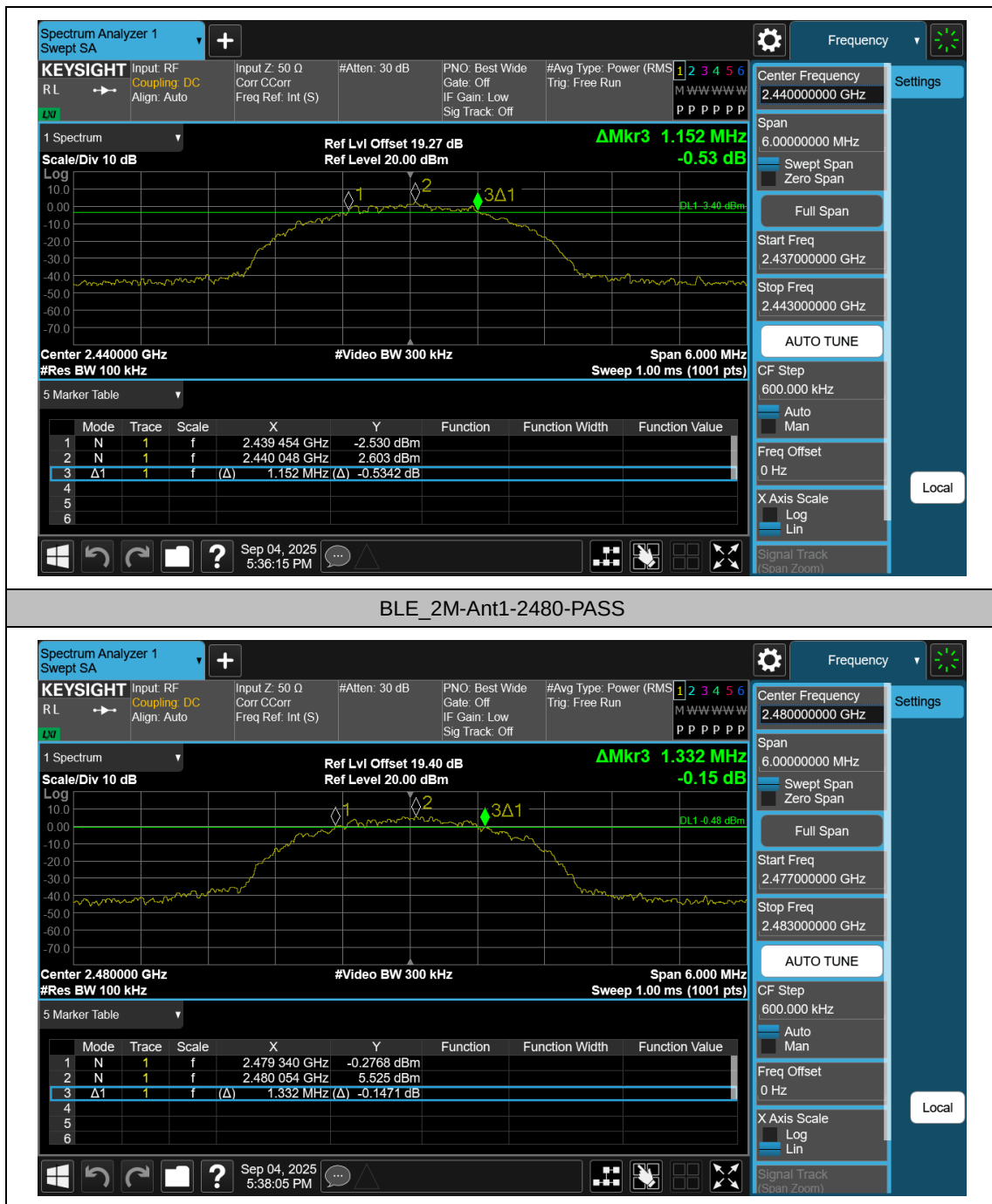




BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS



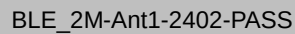
## Appendix B: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.29                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | 4.68                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | 8.35                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2402           | 0.30                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2440           | 4.94                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2480           | 8.79                      | ≤30                  | PASS    |

### Test Graphs Peak



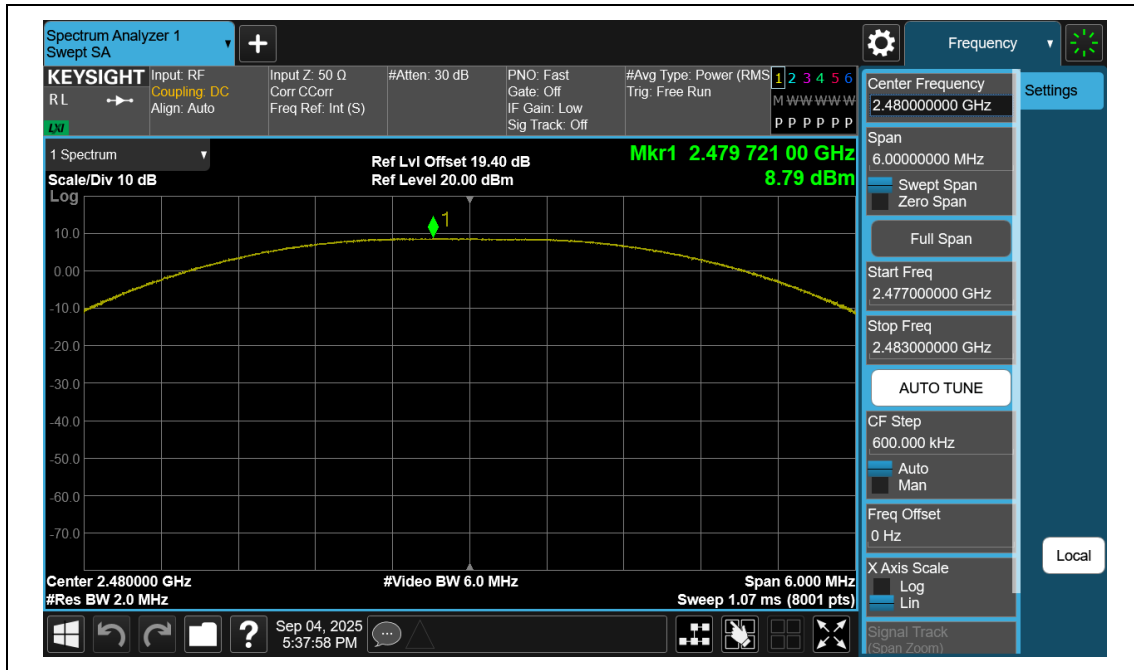




BLE\_2M-Ant1-2440-PASS



BLE\_2M-Ant1-2480-PASS

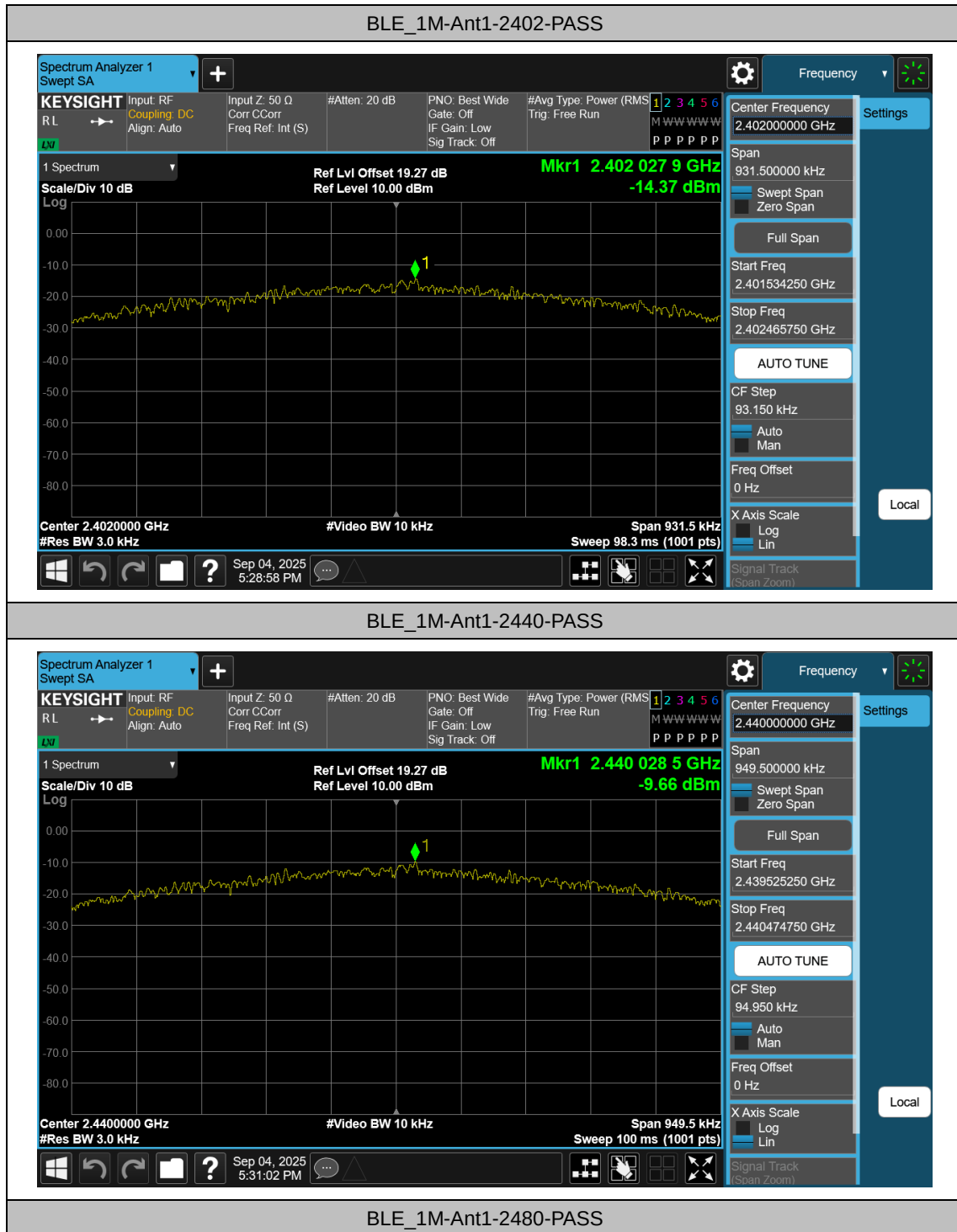


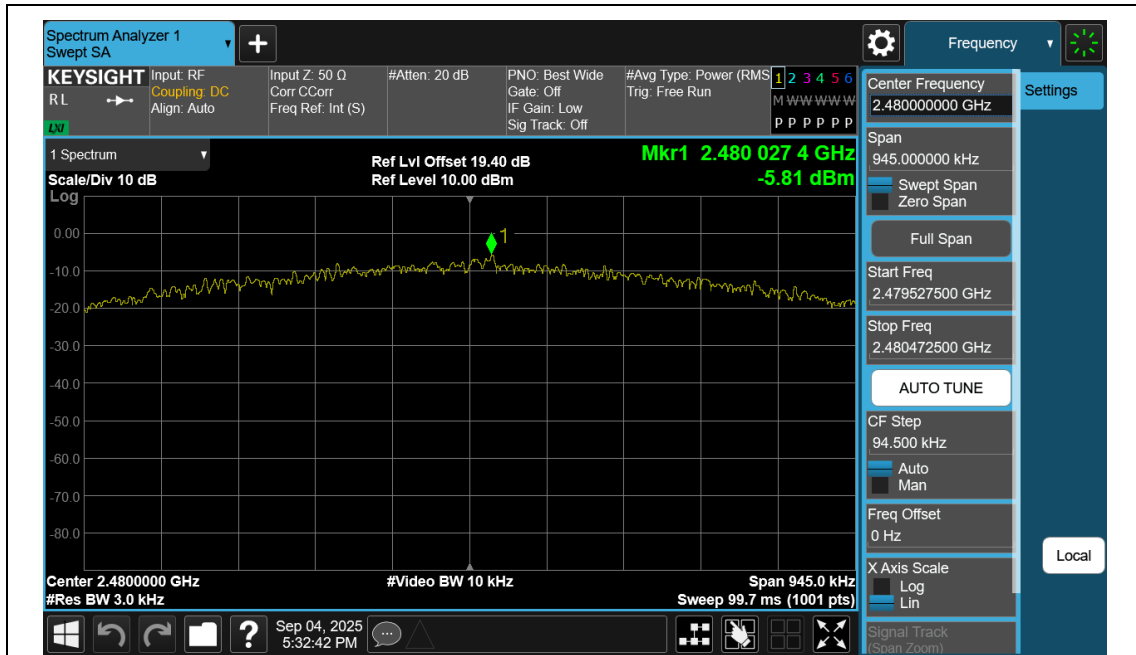
## Appendix C: Maximum power spectral density

### Test Result

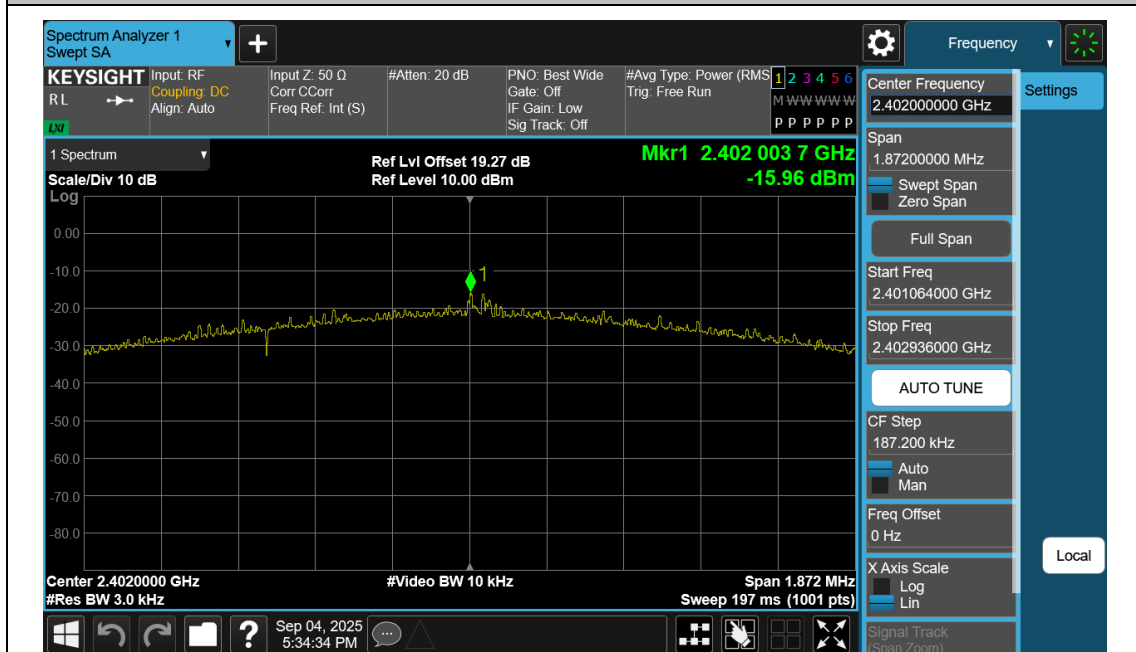
| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -14.37           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -9.66            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -5.81            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -15.96           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -11.44           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -7.55            | ≤8.00           | PASS    |

## Test Graphs

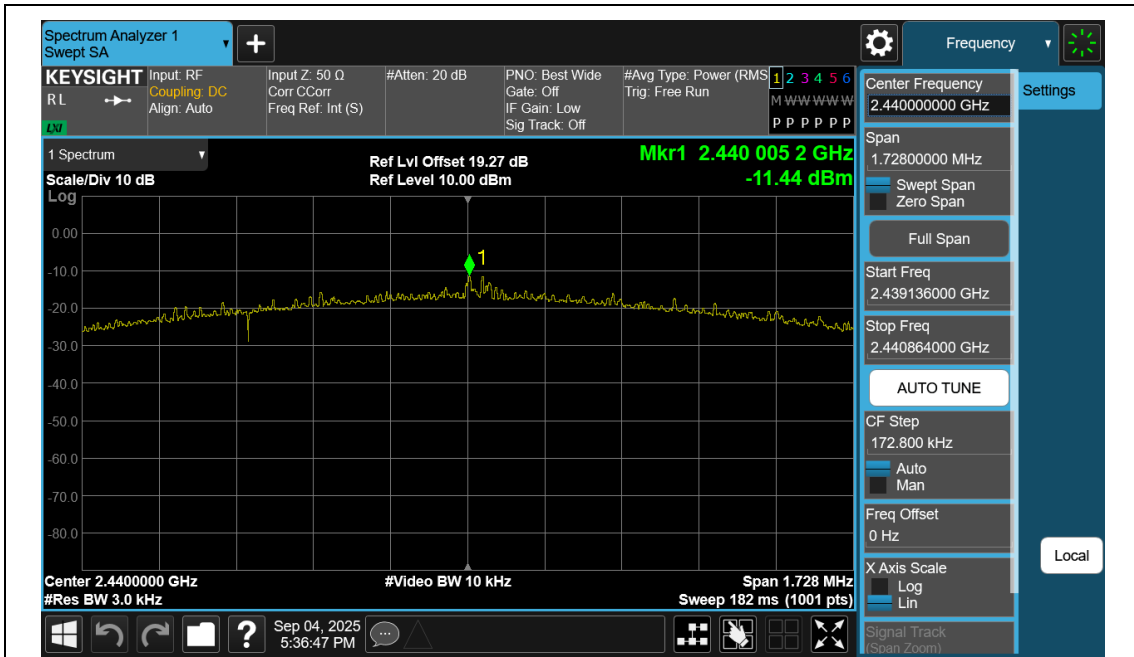




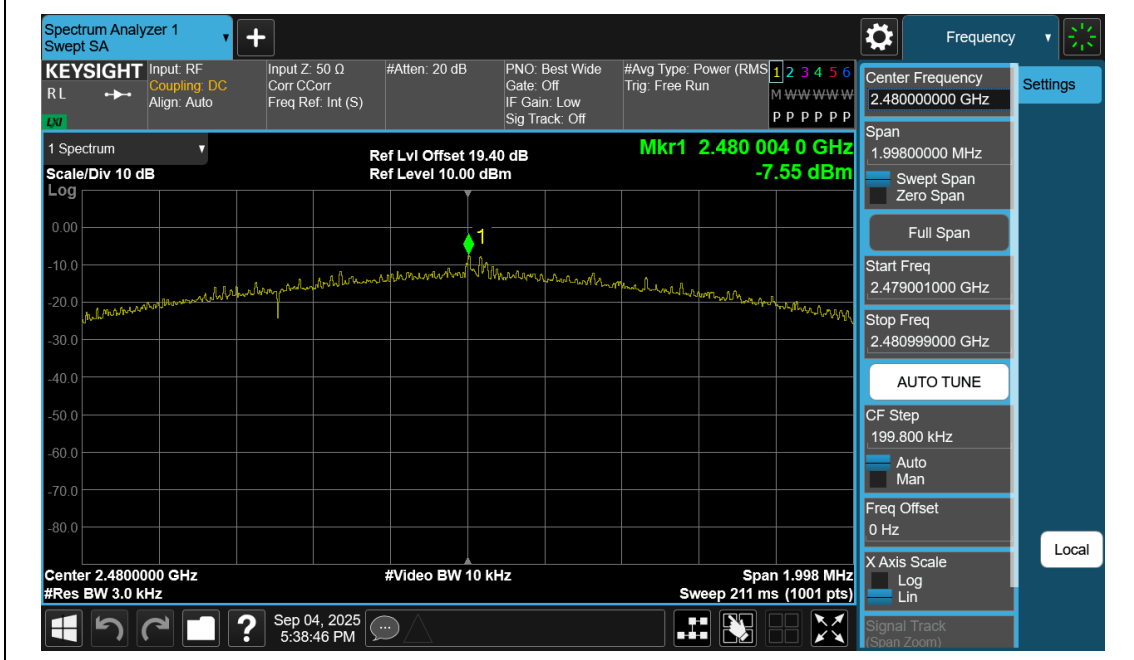
BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS



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



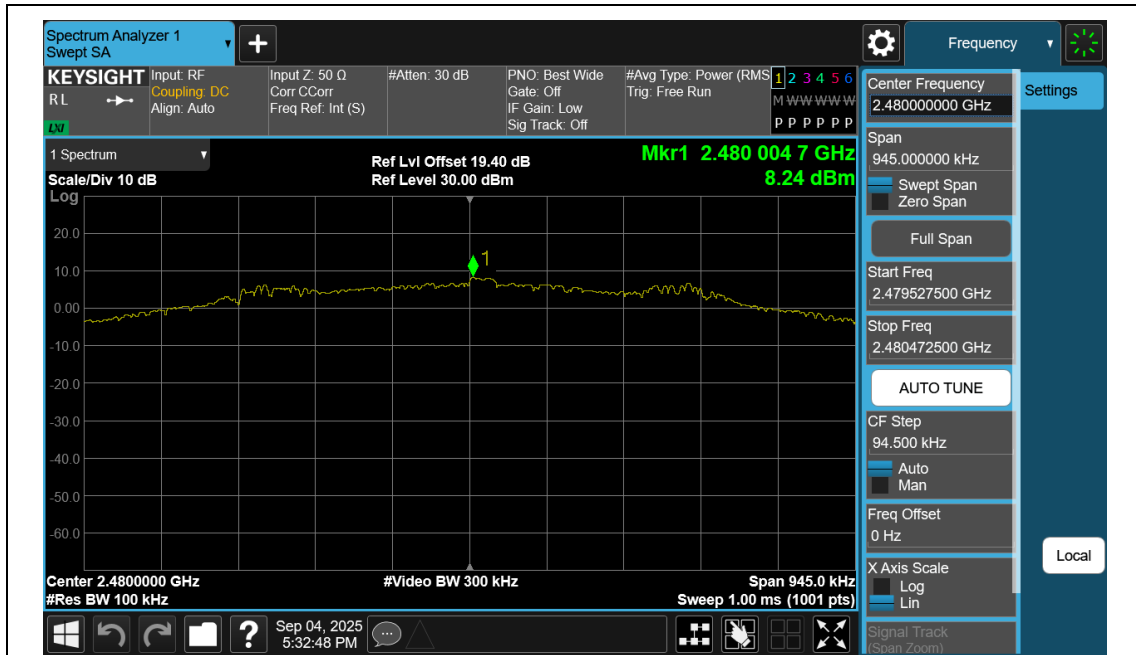
## Appendix D: Reference level measurement

### Test Result

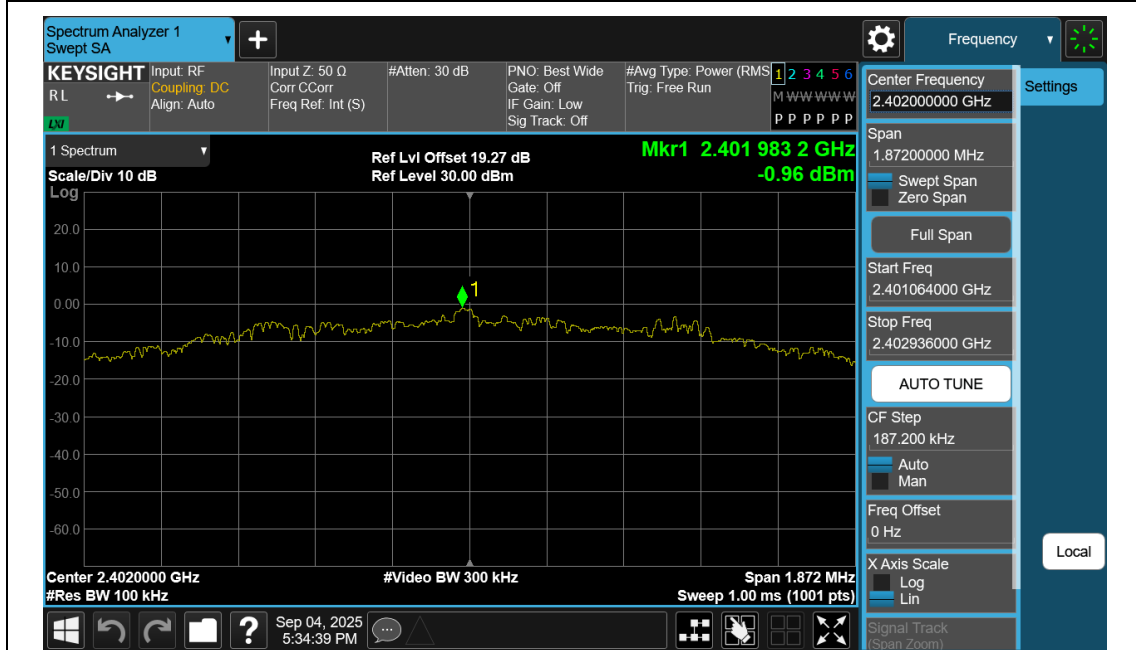
| TestMode | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|----------|---------|-----------|----------------|-------------|
| BLE_1M   | Ant1    | 2402      | 2402.01        | -0.02       |
| BLE_1M   | Ant1    | 2440      | 2440.01        | 4.38        |
| BLE_1M   | Ant1    | 2480      | 2480.00        | 8.24        |
| BLE_2M   | Ant1    | 2402      | 2401.98        | -0.96       |
| BLE_2M   | Ant1    | 2440      | 2440.01        | 4.75        |
| BLE_2M   | Ant1    | 2480      | 2480.05        | 7.70        |

## Test Graphs





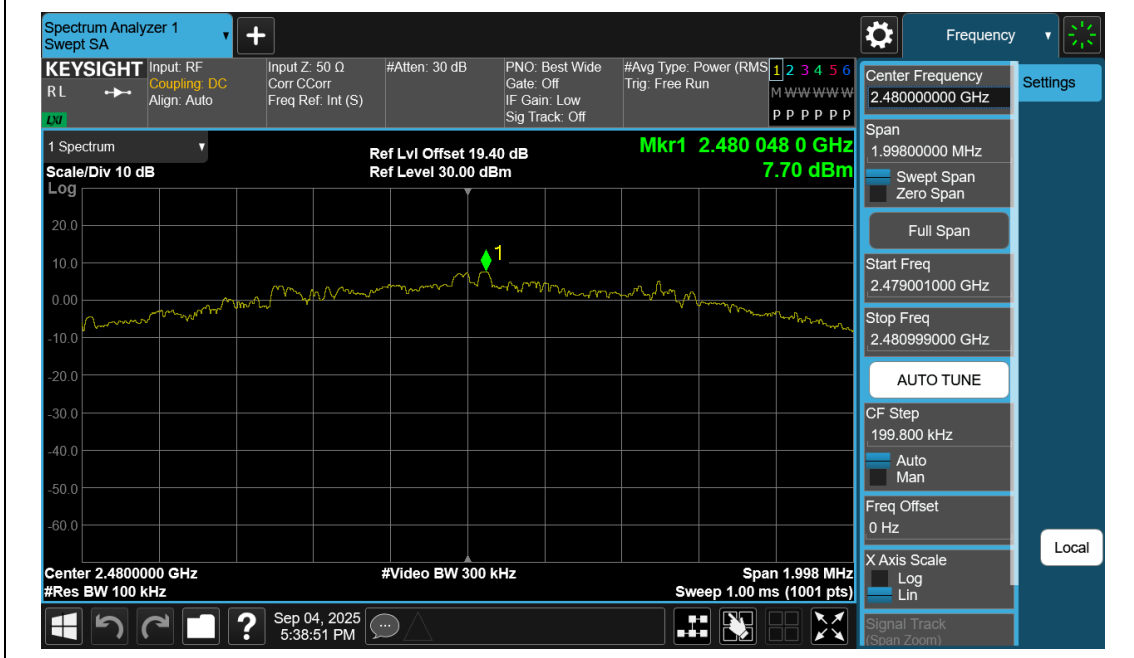
BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS



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

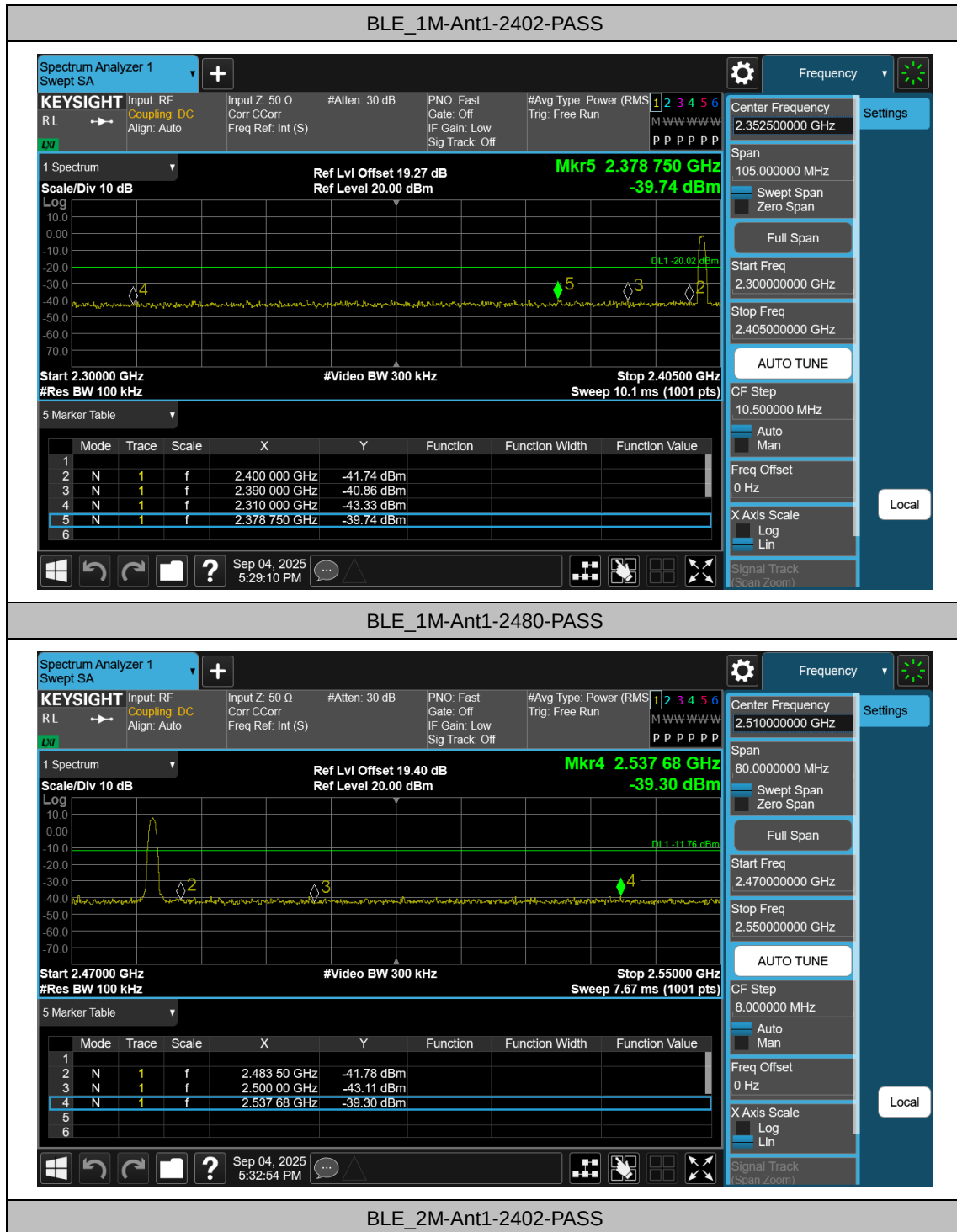


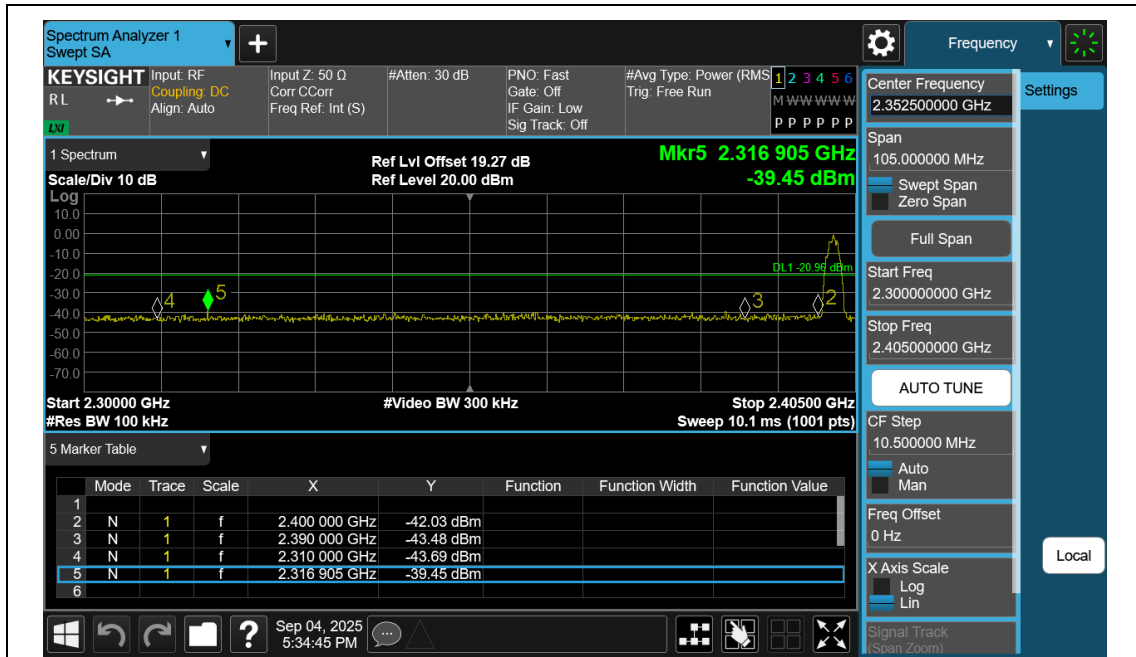
## Appendix E: Band edge measurements

### Test Result

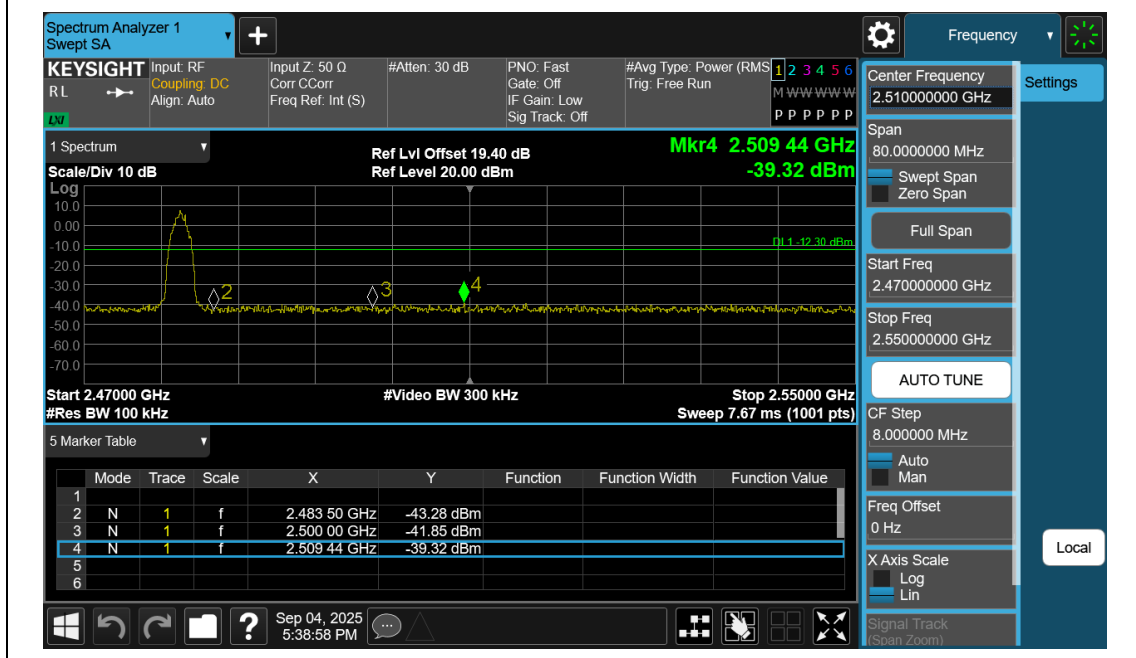
| TestMode | Antenna | ChName | Frequency<br>[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|--------------------|---------------|-------------|---------------|---------|
| BLE_1M   | Ant1    | Low    | 2402               | -0.02         | -39.74      | $\leq -20.02$ | PASS    |
| BLE_1M   | Ant1    | High   | 2480               | 8.24          | -39.30      | $\leq -11.76$ | PASS    |
| BLE_2M   | Ant1    | Low    | 2402               | -0.96         | -39.45      | $\leq -20.96$ | PASS    |
| BLE_2M   | Ant1    | High   | 2480               | 7.70          | -39.32      | $\leq -12.30$ | PASS    |

## Test Graphs





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

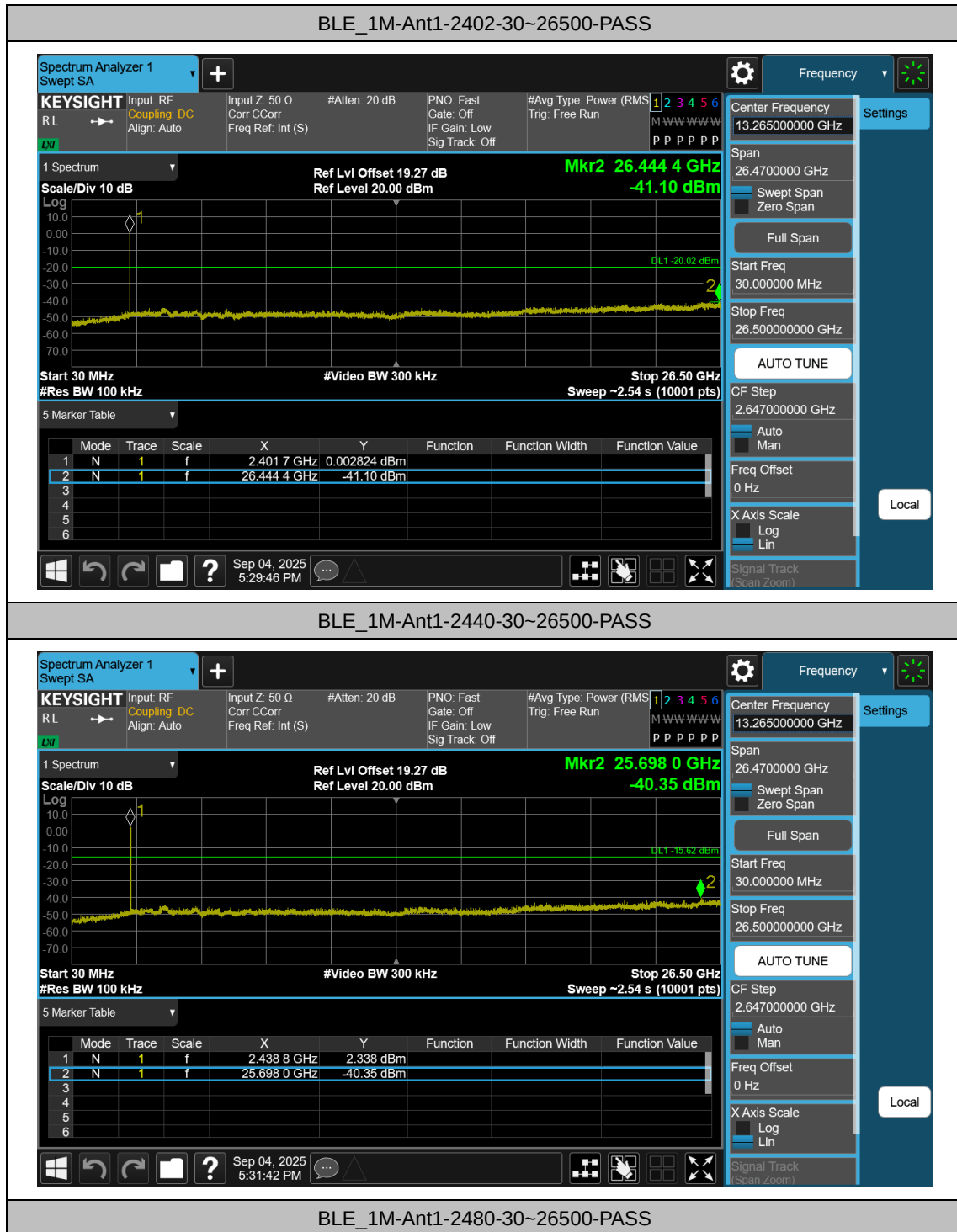


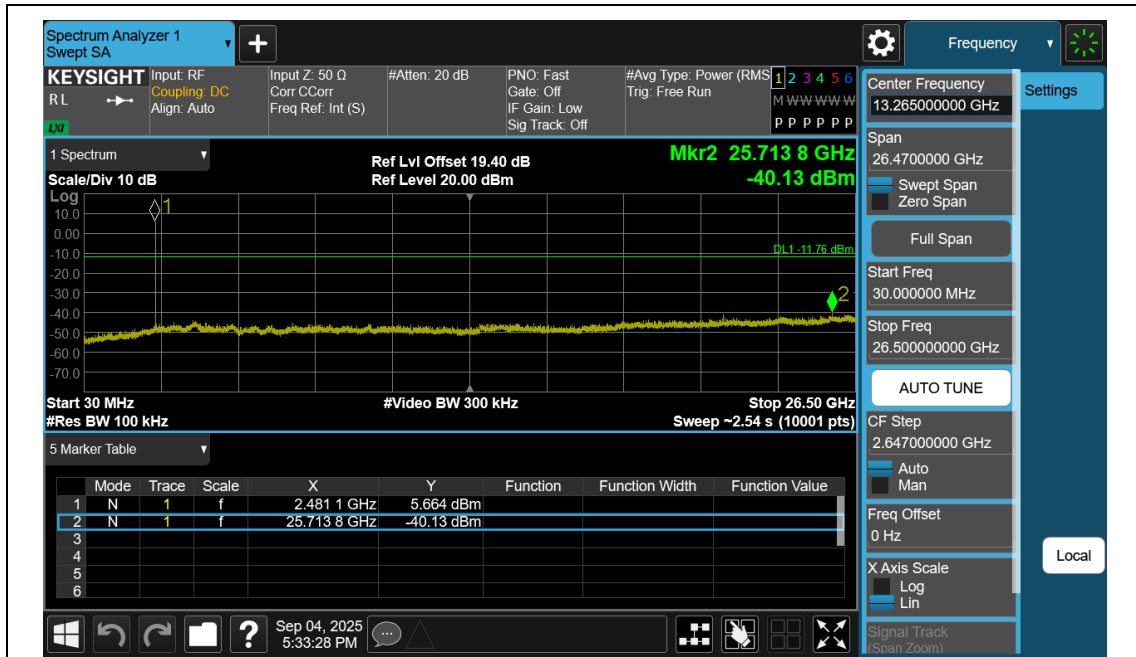
## Appendix F: Conducted Spurious Emission

### Test Result

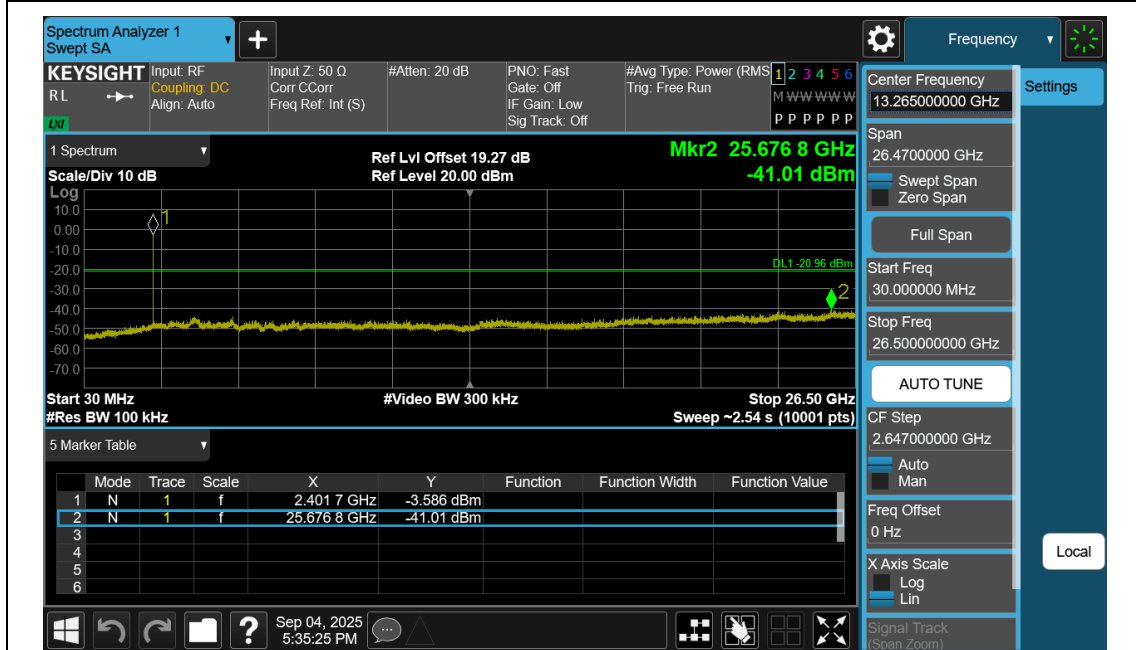
| TestMode | Antenna | Frequency[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 30~26500           | -0.02             | -41.10      | ≤-20.02    | PASS    |
| BLE_1M   | Ant1    | 2440           | 30~26500           | 4.38              | -40.35      | ≤-15.62    | PASS    |
| BLE_1M   | Ant1    | 2480           | 30~26500           | 8.24              | -40.13      | ≤-11.76    | PASS    |
| BLE_2M   | Ant1    | 2402           | 30~26500           | -0.96             | -41.01      | ≤-20.96    | PASS    |
| BLE_2M   | Ant1    | 2440           | 30~26500           | 4.75              | -40.54      | ≤-15.25    | PASS    |
| BLE_2M   | Ant1    | 2480           | 30~26500           | 7.70              | -41.45      | ≤-12.30    | PASS    |

## Test Graphs

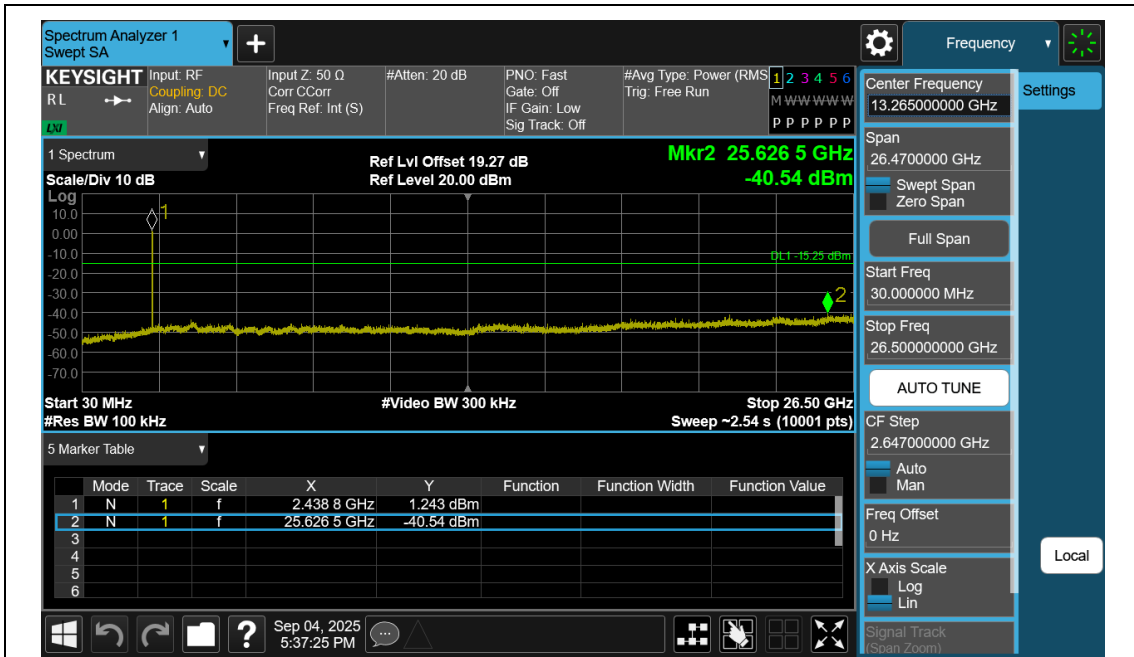




BLE\_2M-Ant1-2402-30~26500-PASS



BLE\_2M-Ant1-2440-30~26500-PASS



### BLE\_2M-Ant1-2480-30~26500-PASS



## 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

