



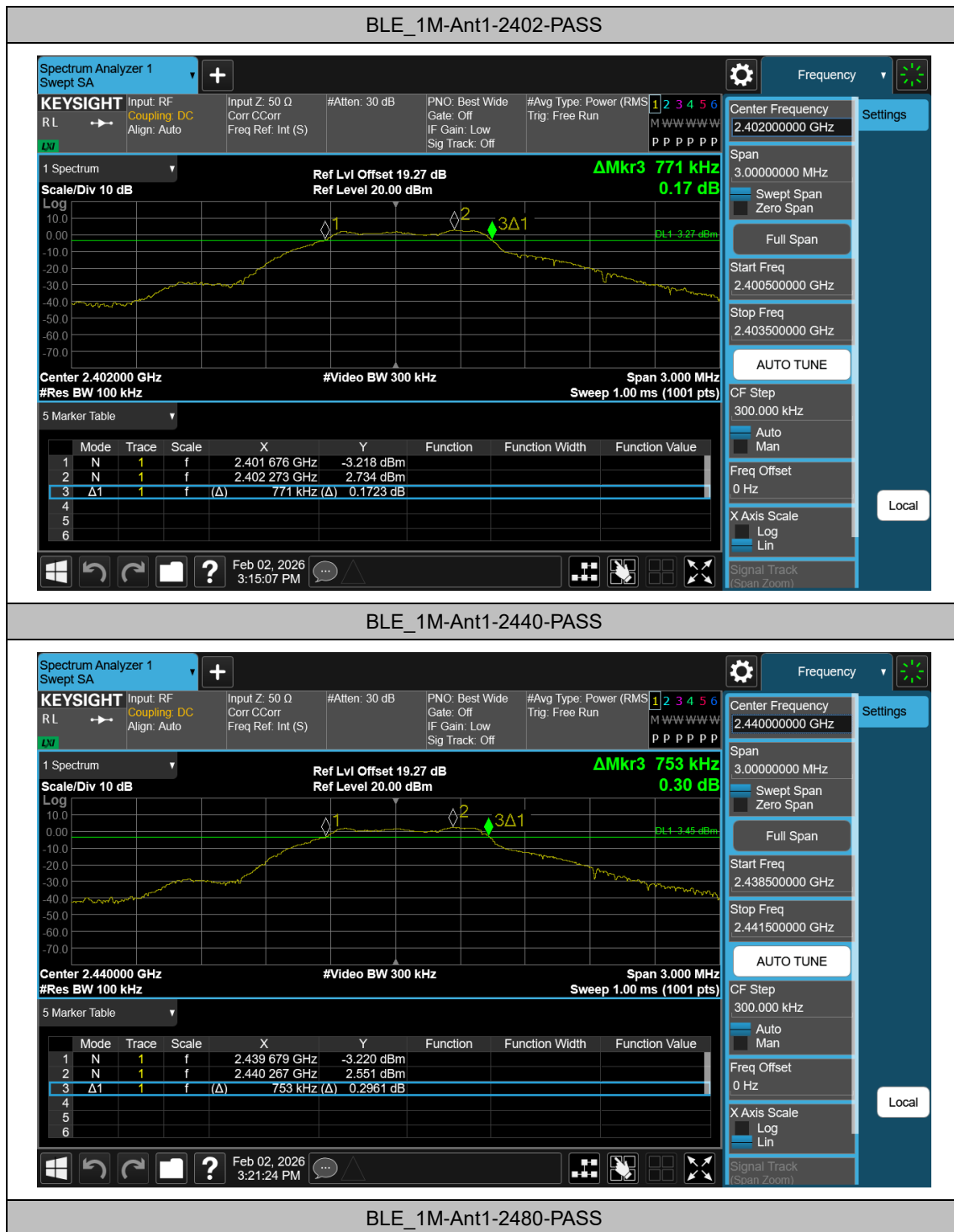
## Appendix A: DTS Bandwidth

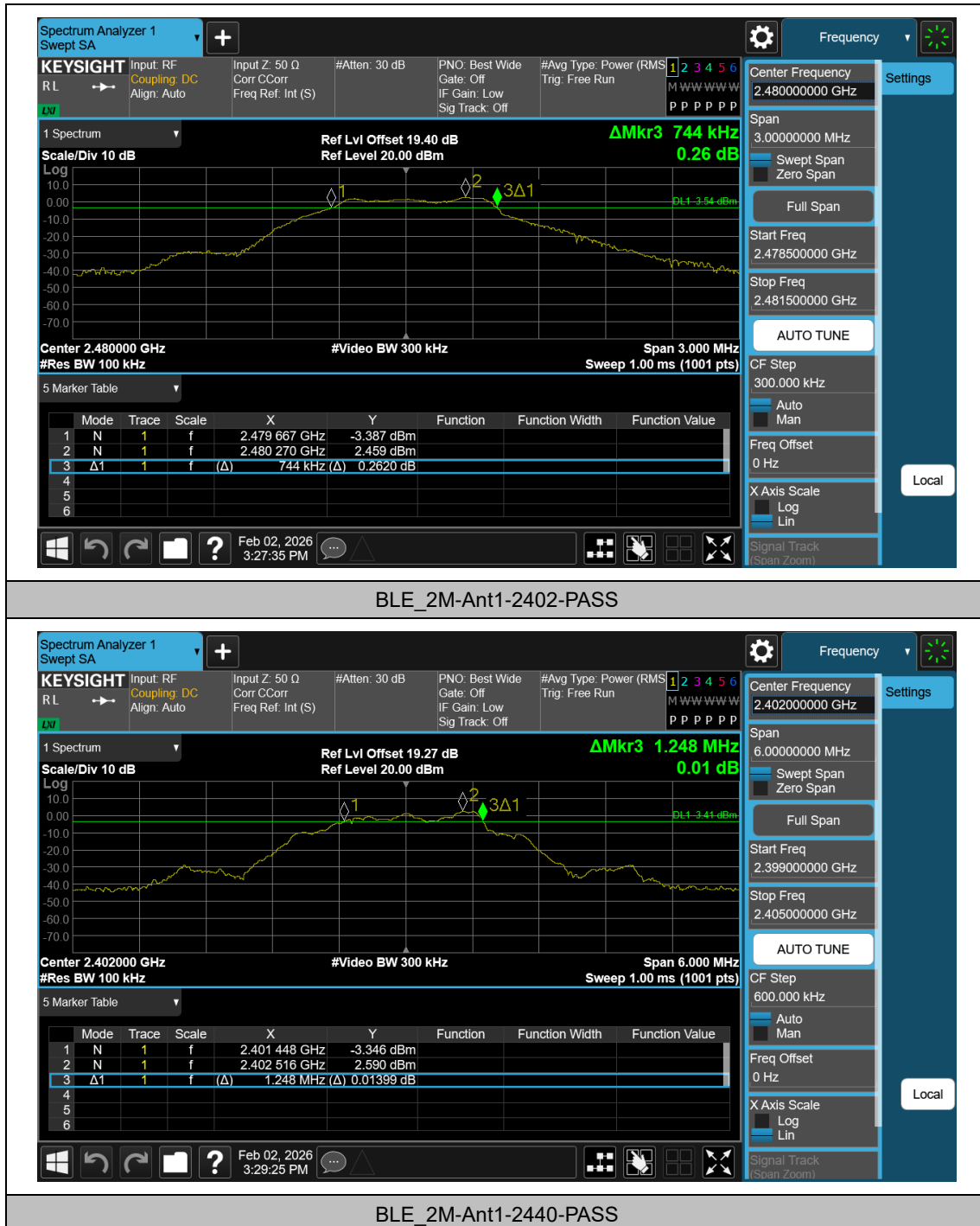
### Test Result

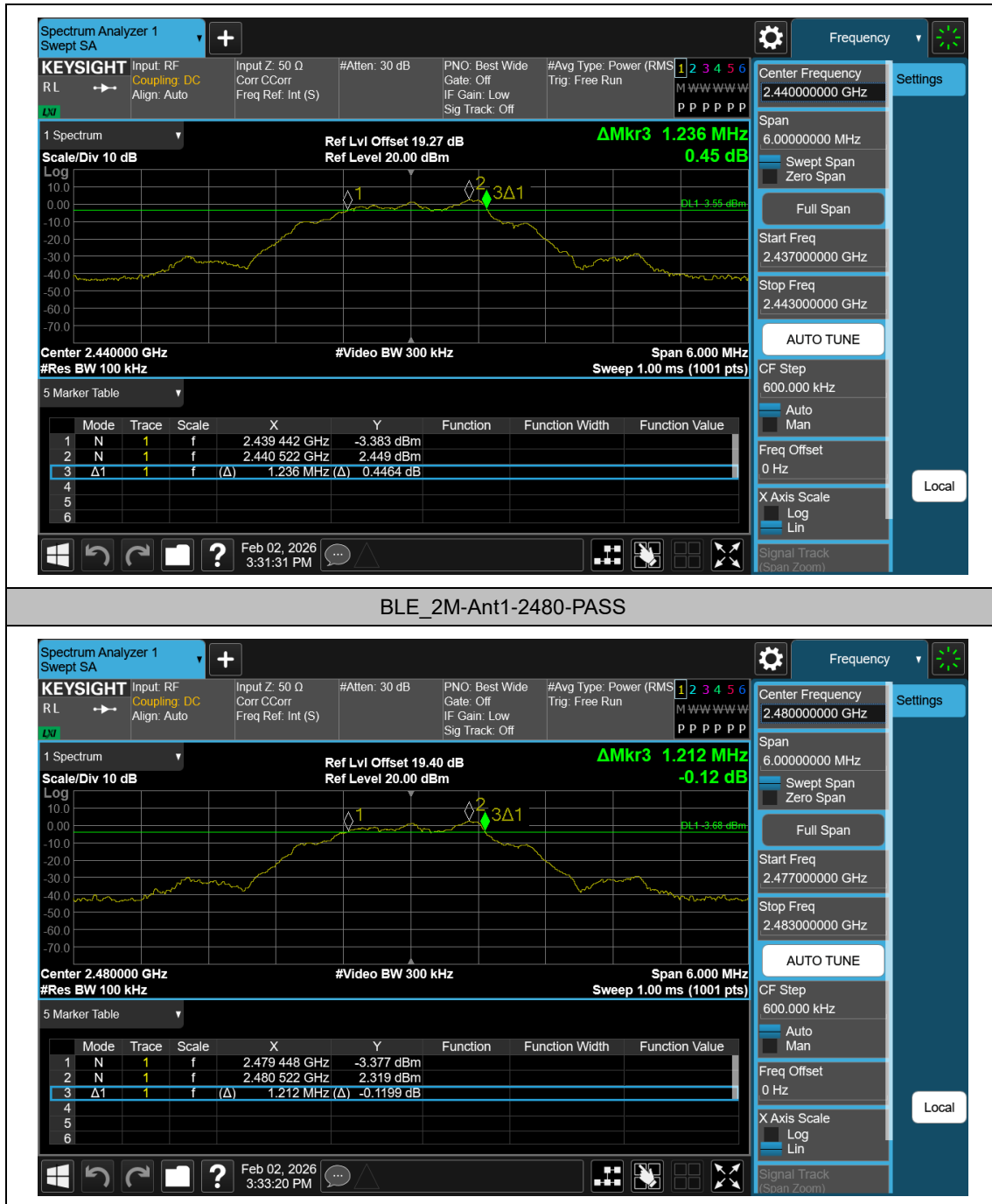
| TestMode | Antenna | Frequency[MHz] | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.771           | 2401.676 | 2402.447 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.753           | 2439.679 | 2440.432 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.744           | 2479.667 | 2480.411 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.248           | 2401.448 | 2402.696 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.236           | 2439.442 | 2440.678 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.212           | 2479.448 | 2480.660 | 0.5        | PASS    |



## Test Graphs







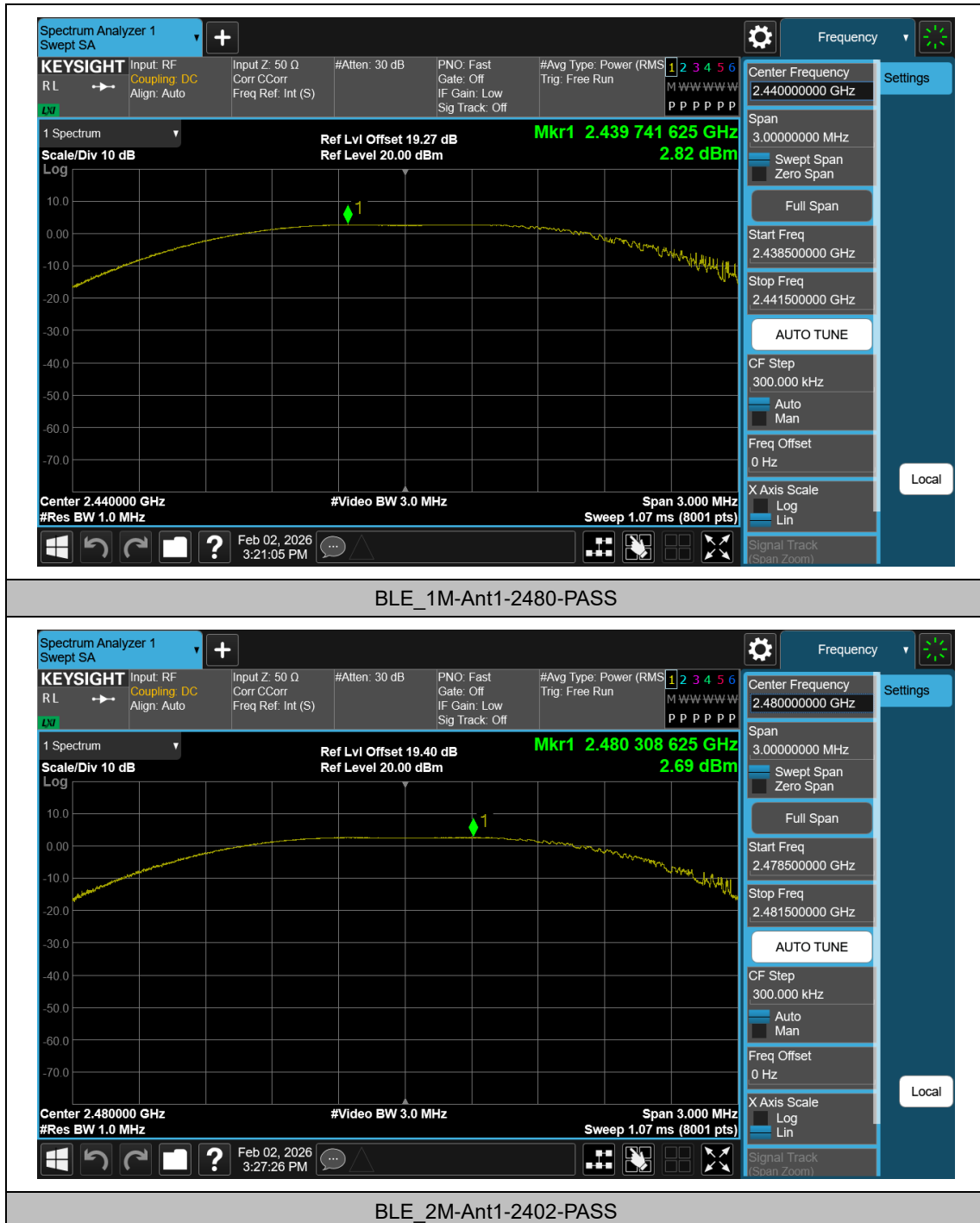
## Appendix B: Maximum conducted output power

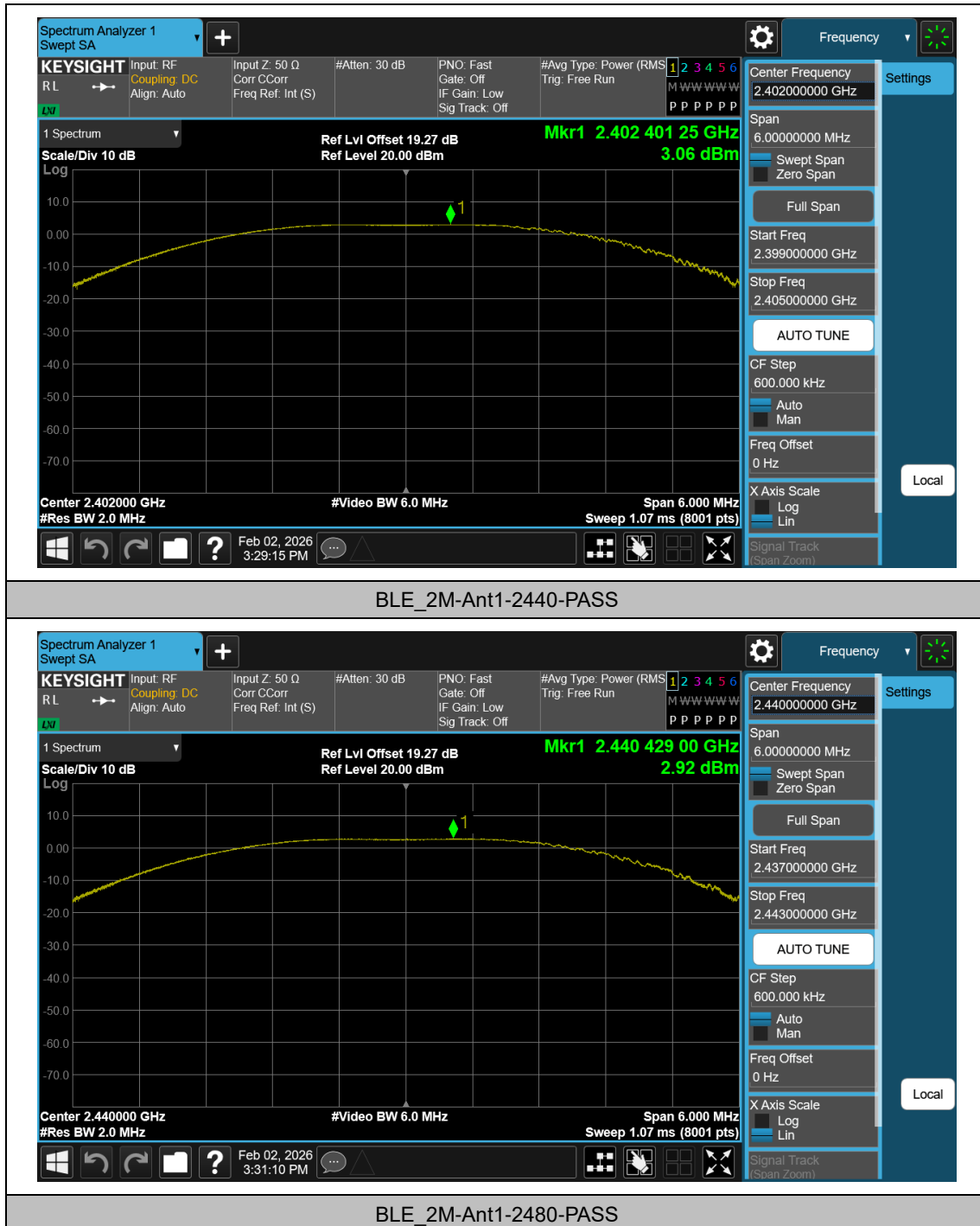
### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | 3.00                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | 2.82                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | 2.69                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2402           | 3.06                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2440           | 2.92                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2480           | 2.76                      | ≤30                  | PASS    |

### Test Graphs Peak









## Appendix C: Maximum power spectral density

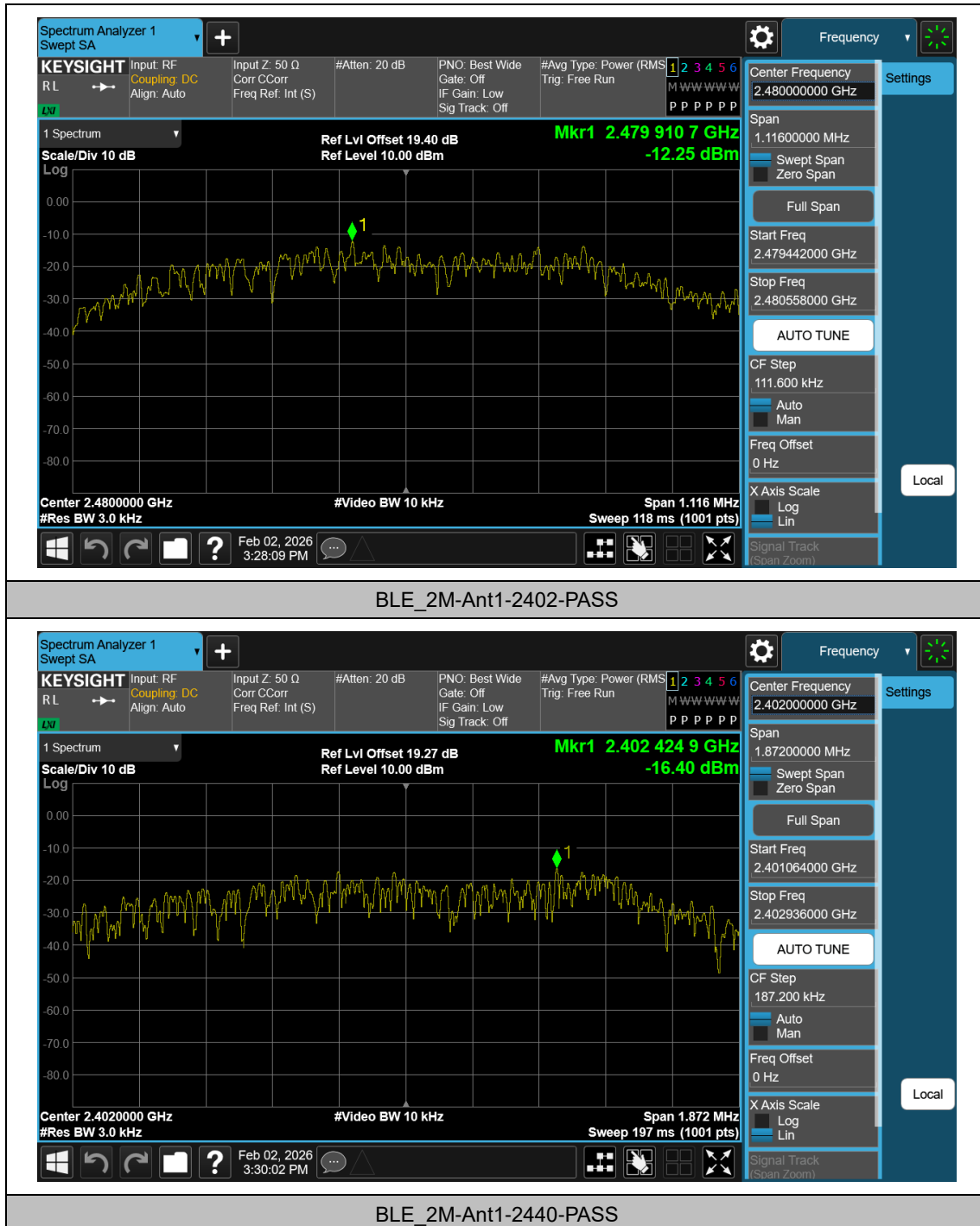
### Test Result

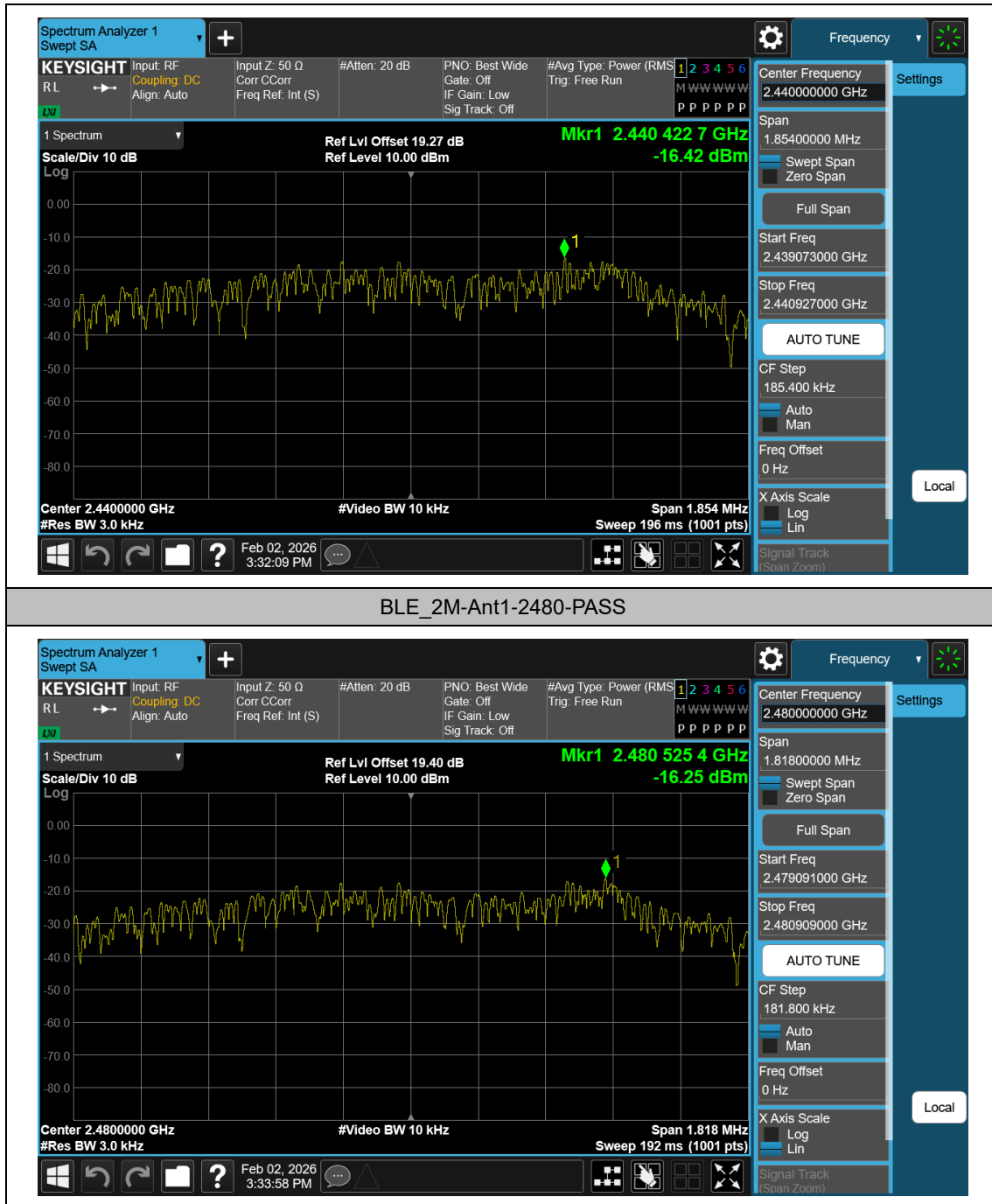
| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -12.57           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -12.86           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -12.25           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -16.40           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -16.42           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -16.25           | ≤8.00           | PASS    |



## Test Graphs







## Appendix D: Reference level measurement

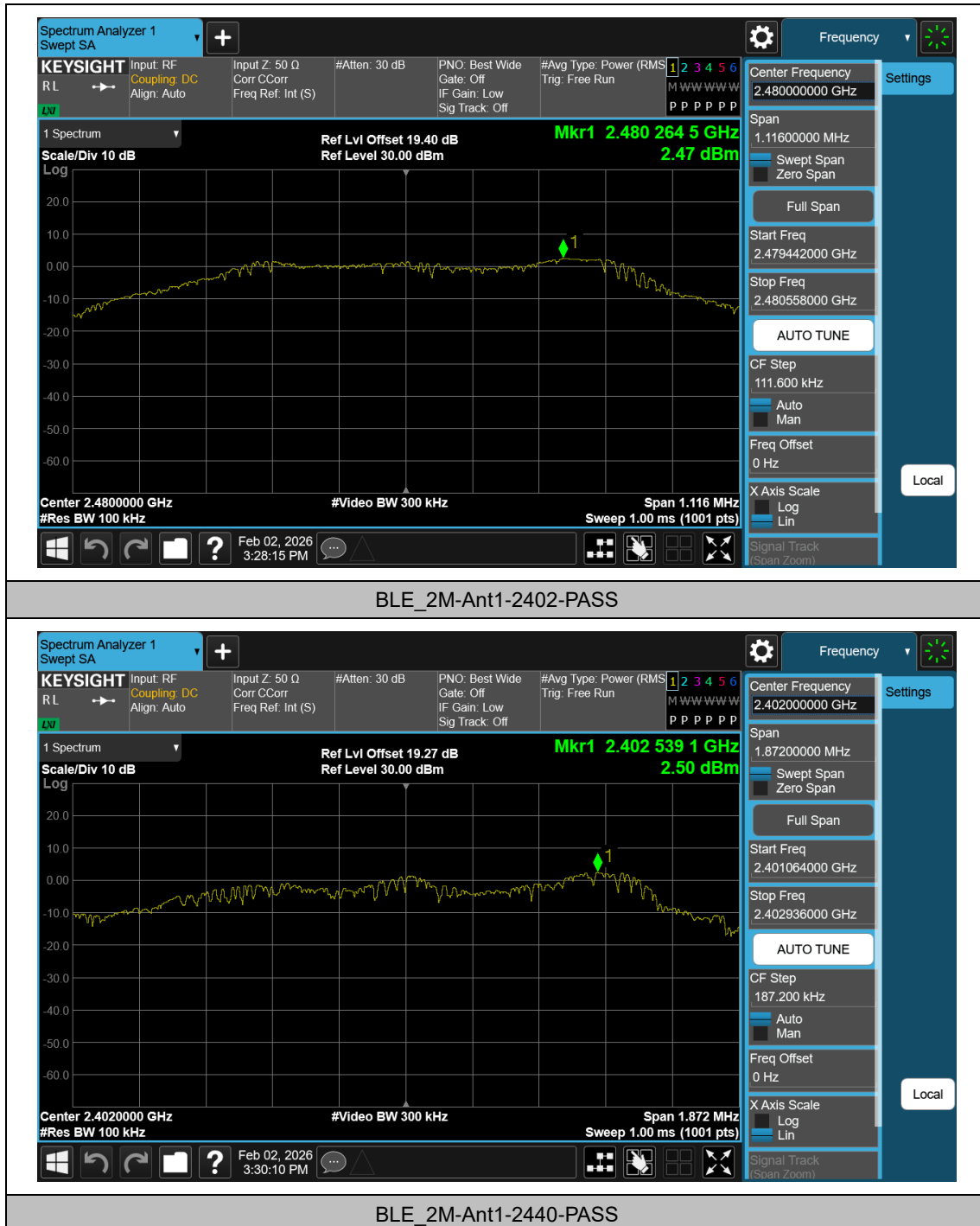
### Test Result

| TestMode | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|----------|---------|-----------|----------------|-------------|
| BLE_1M   | Ant1    | 2402      | 2402.27        | 2.72        |
| BLE_1M   | Ant1    | 2440      | 2440.26        | 2.55        |
| BLE_1M   | Ant1    | 2480      | 2480.26        | 2.47        |
| BLE_2M   | Ant1    | 2402      | 2402.54        | 2.50        |
| BLE_2M   | Ant1    | 2440      | 2440.52        | 2.48        |
| BLE_2M   | Ant1    | 2480      | 2480.51        | 2.33        |



## Test Graphs







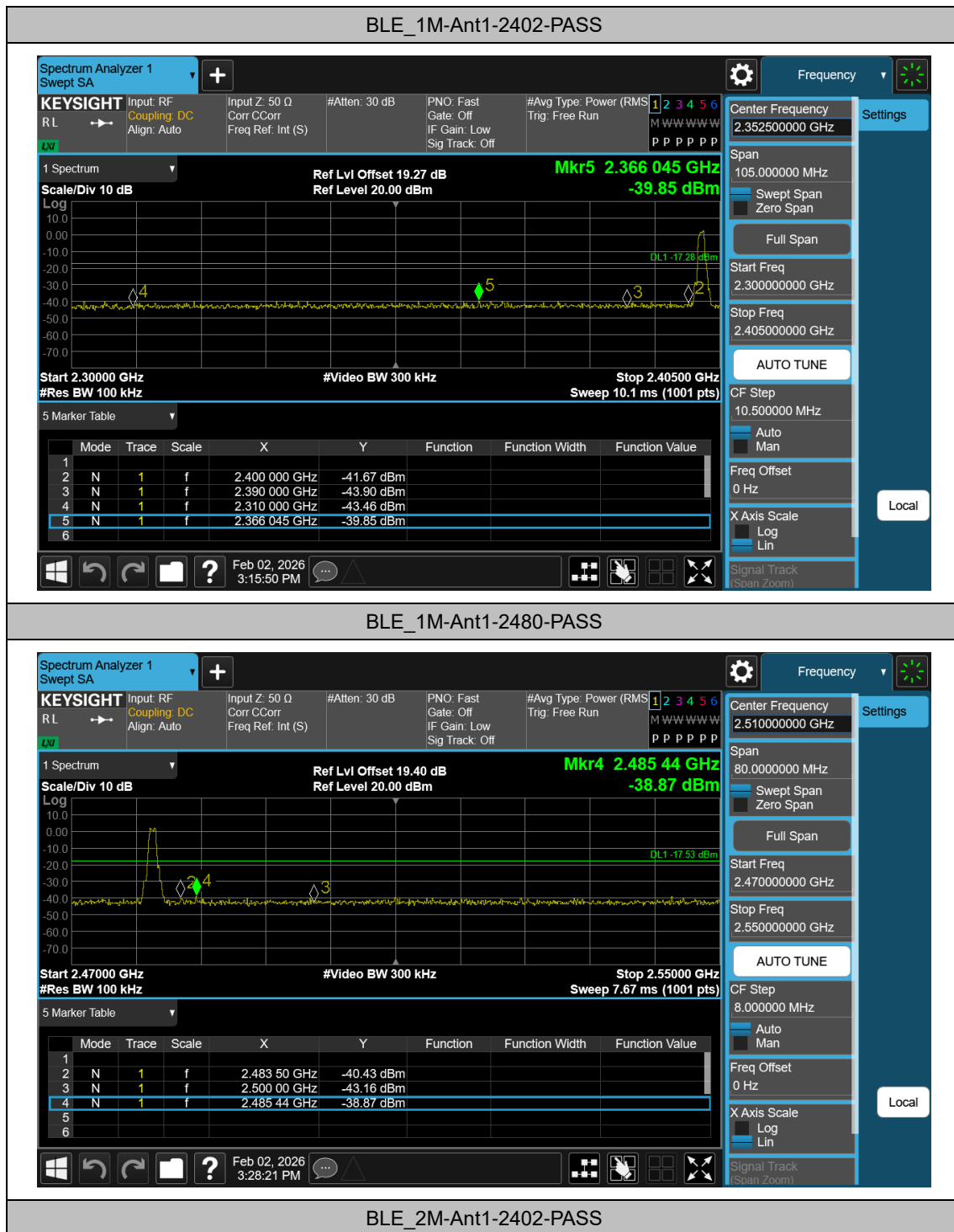
## Appendix E: Band edge measurements

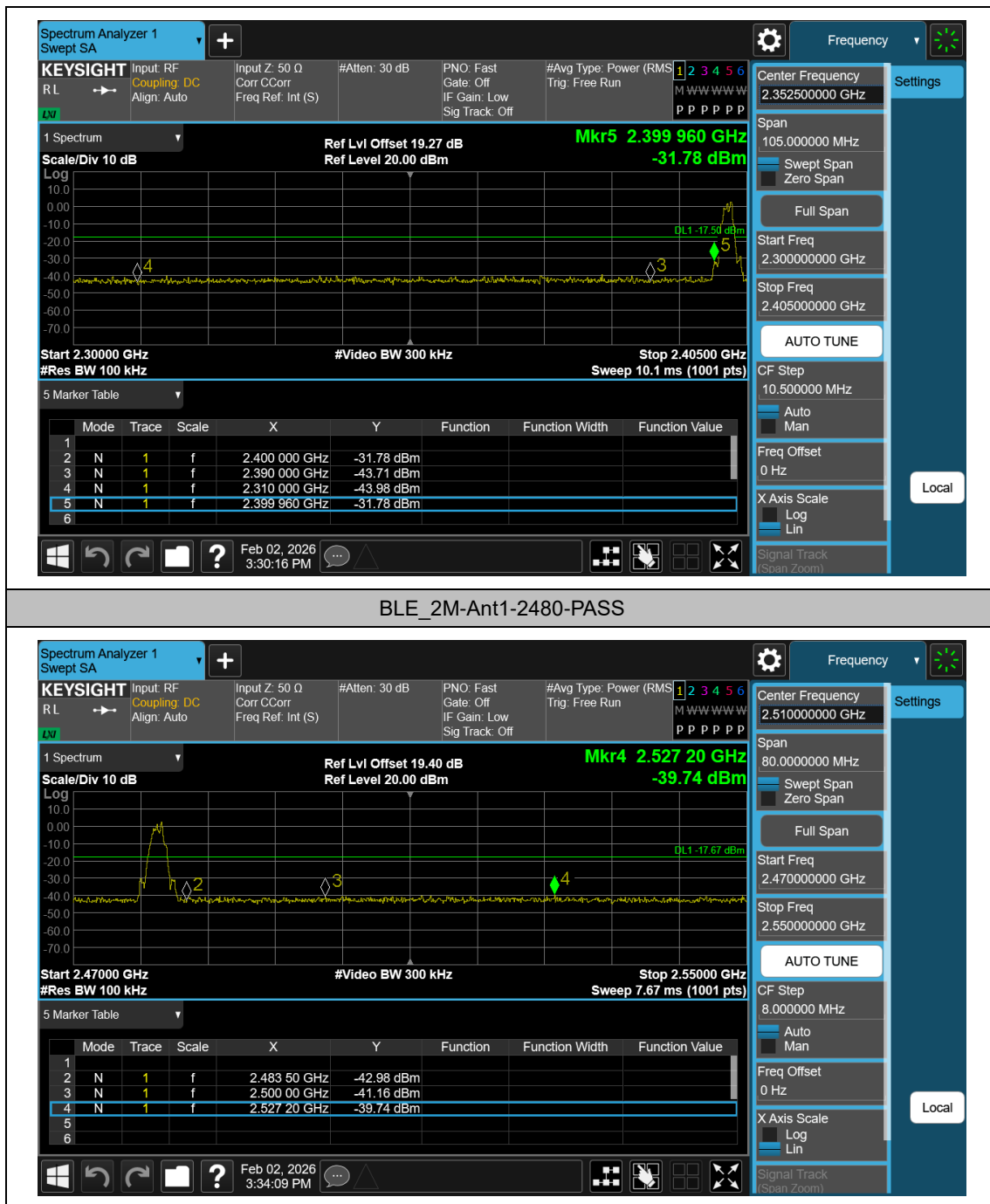
### Test Result

| TestMod<br>e | Antenn<br>a | ChNam<br>e | Frequency[MHz<br>] | RefLevel[dBm<br>] | Result[dBm<br>] | Limit[dBm<br>] | Verdic<br>t |
|--------------|-------------|------------|--------------------|-------------------|-----------------|----------------|-------------|
| BLE_1M       | Ant1        | Low        | 2402               | 2.72              | -39.85          | ≤-17.28        | PASS        |
| BLE_1M       | Ant1        | High       | 2480               | 2.47              | -38.87          | ≤-17.53        | PASS        |
| BLE_2M       | Ant1        | Low        | 2402               | 2.50              | -31.78          | ≤-17.5         | PASS        |
| BLE_2M       | Ant1        | High       | 2480               | 2.33              | -39.74          | ≤-17.67        | PASS        |



## Test Graphs





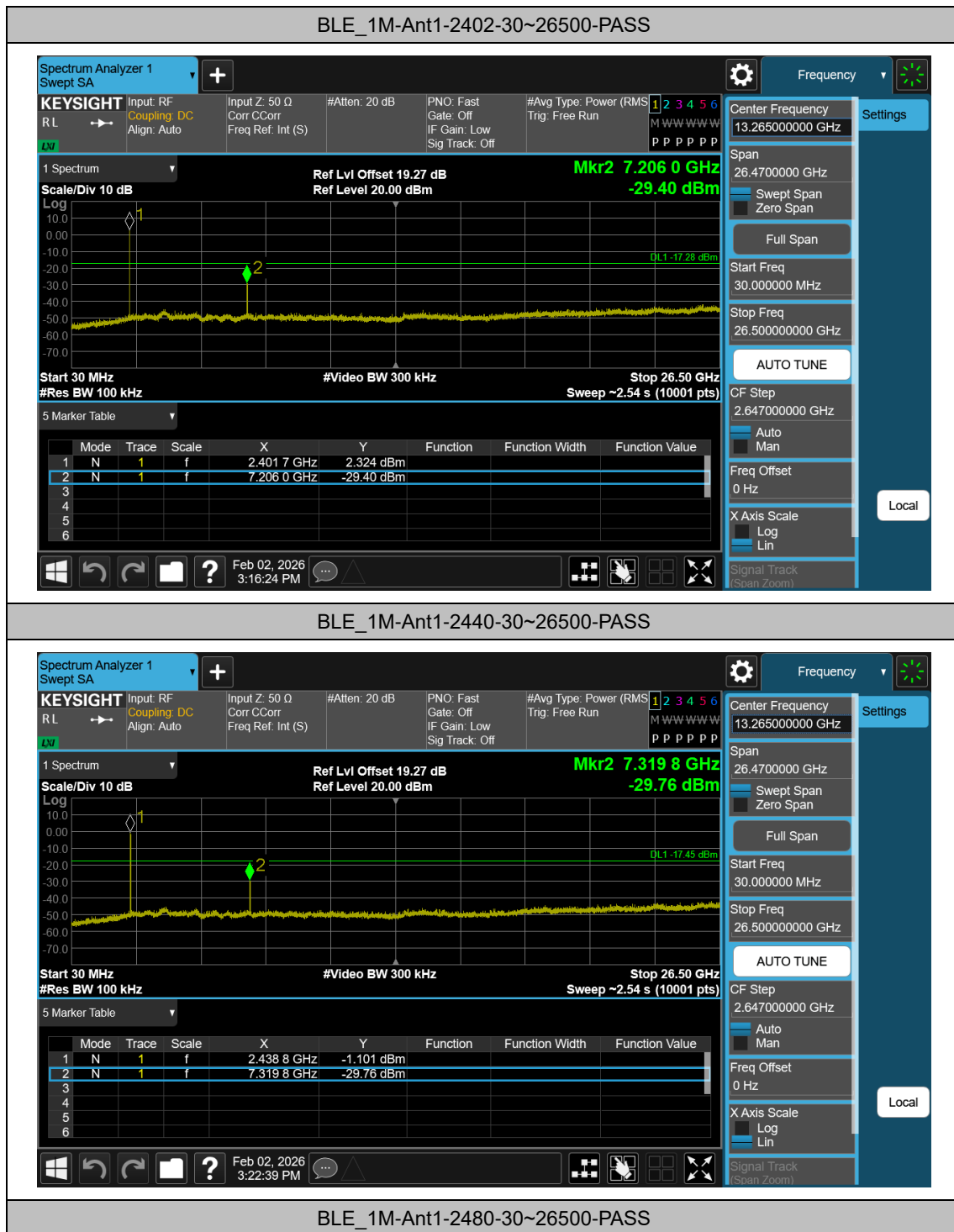
## Appendix F: Conducted Spurious Emission

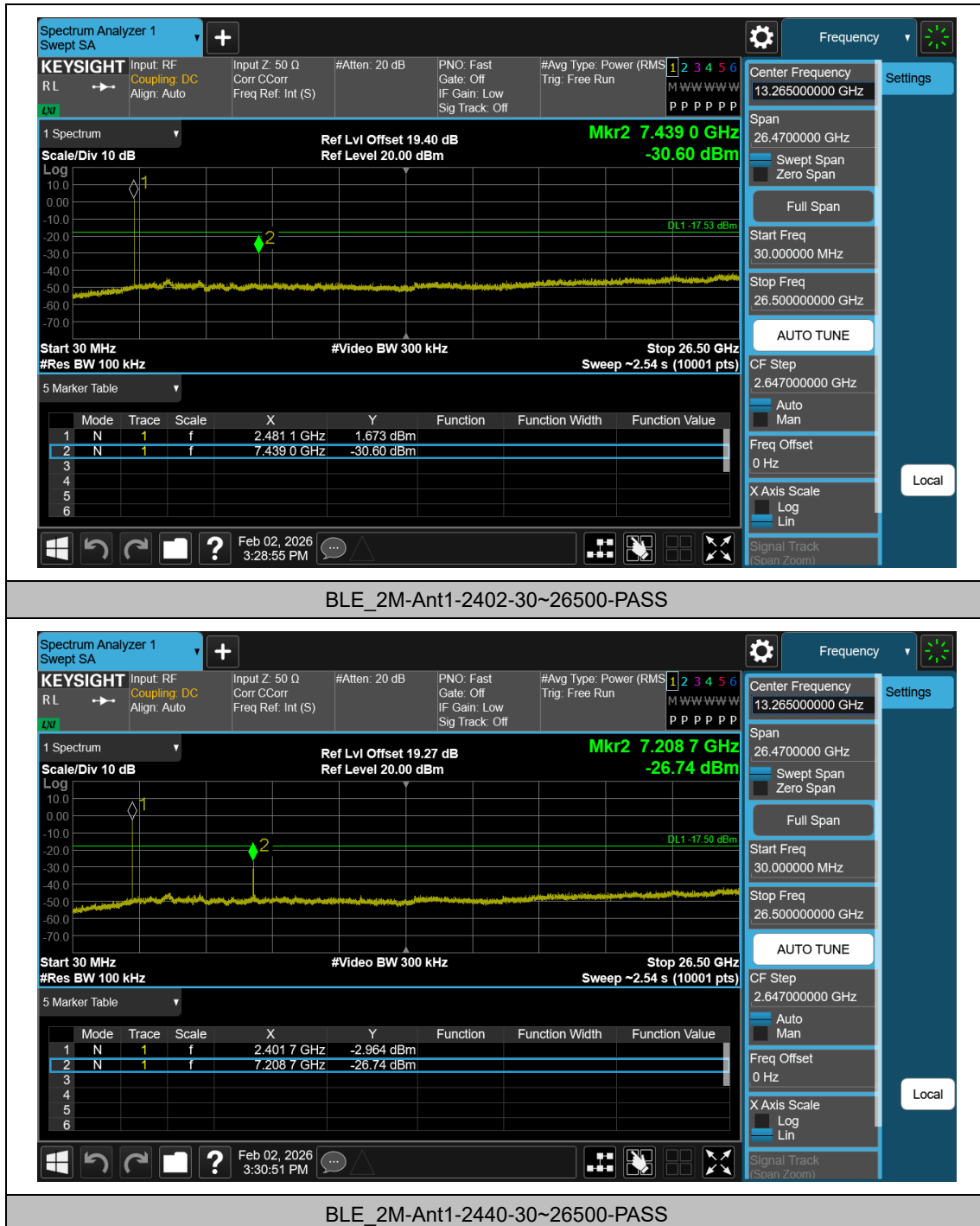
### Test Result

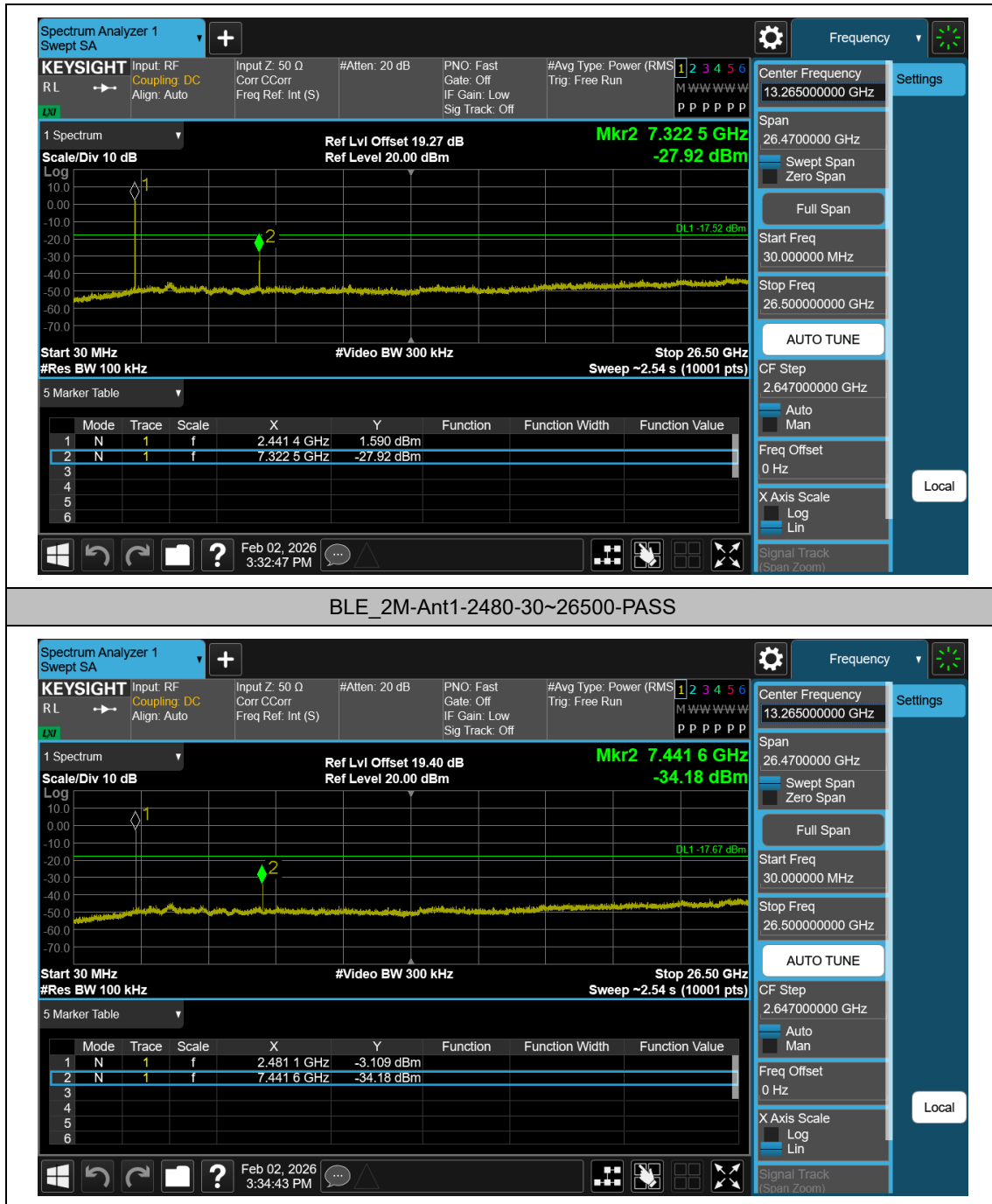
| TestMode | Antenna | Frequency[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 30~26500           | 2.72              | -29.4       | ≤-17.28    | PASS    |
| BLE_1M   | Ant1    | 2440           | 30~26500           | 2.55              | -29.76      | ≤-17.45    | PASS    |
| BLE_1M   | Ant1    | 2480           | 30~26500           | 2.47              | -30.6       | ≤-17.53    | PASS    |
| BLE_2M   | Ant1    | 2402           | 30~26500           | 2.50              | -26.74      | ≤-17.5     | PASS    |
| BLE_2M   | Ant1    | 2440           | 30~26500           | 2.48              | -27.92      | ≤-17.52    | PASS    |
| BLE_2M   | Ant1    | 2480           | 30~26500           | 2.33              | -34.18      | ≤-17.67    | 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           | 0.27            | 0.63           | 42.86             | 3.68                     |
| BLE_2M   | Ant1    | 2440           | 0.15            | 0.62           | 24.19             | 6.16                     |



## Test Graphs

