



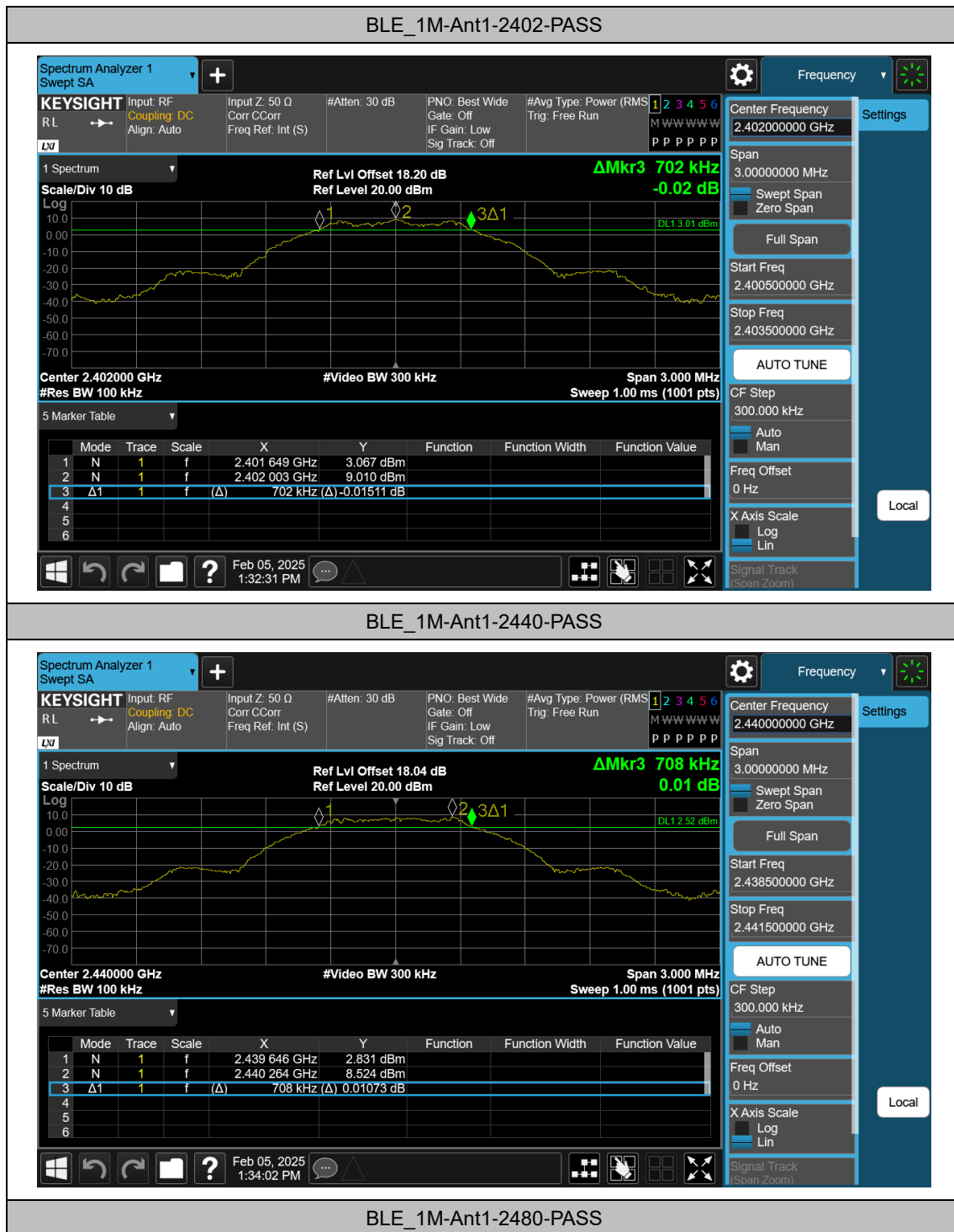
## Appendix A: DTS Bandwidth

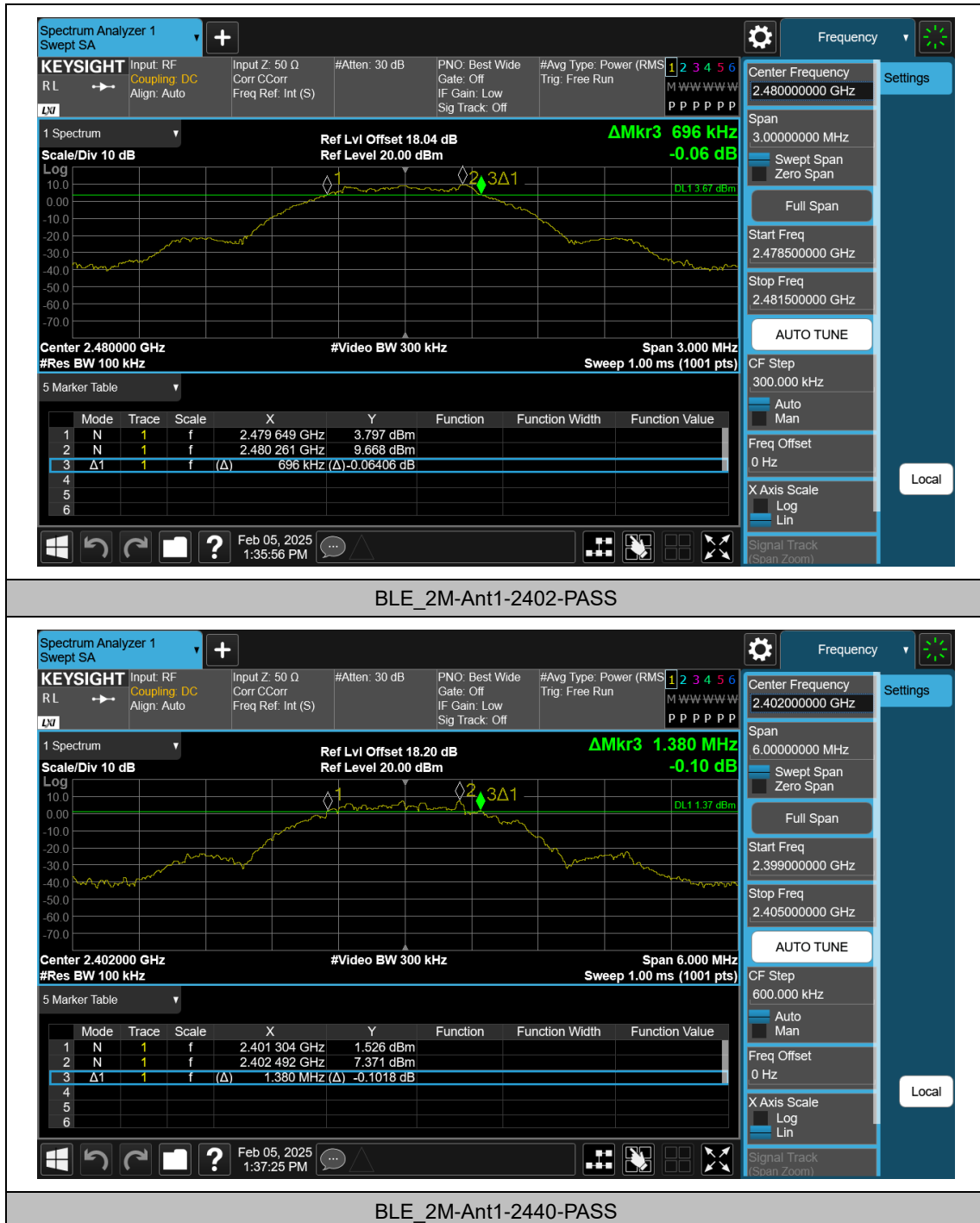
### Test Result

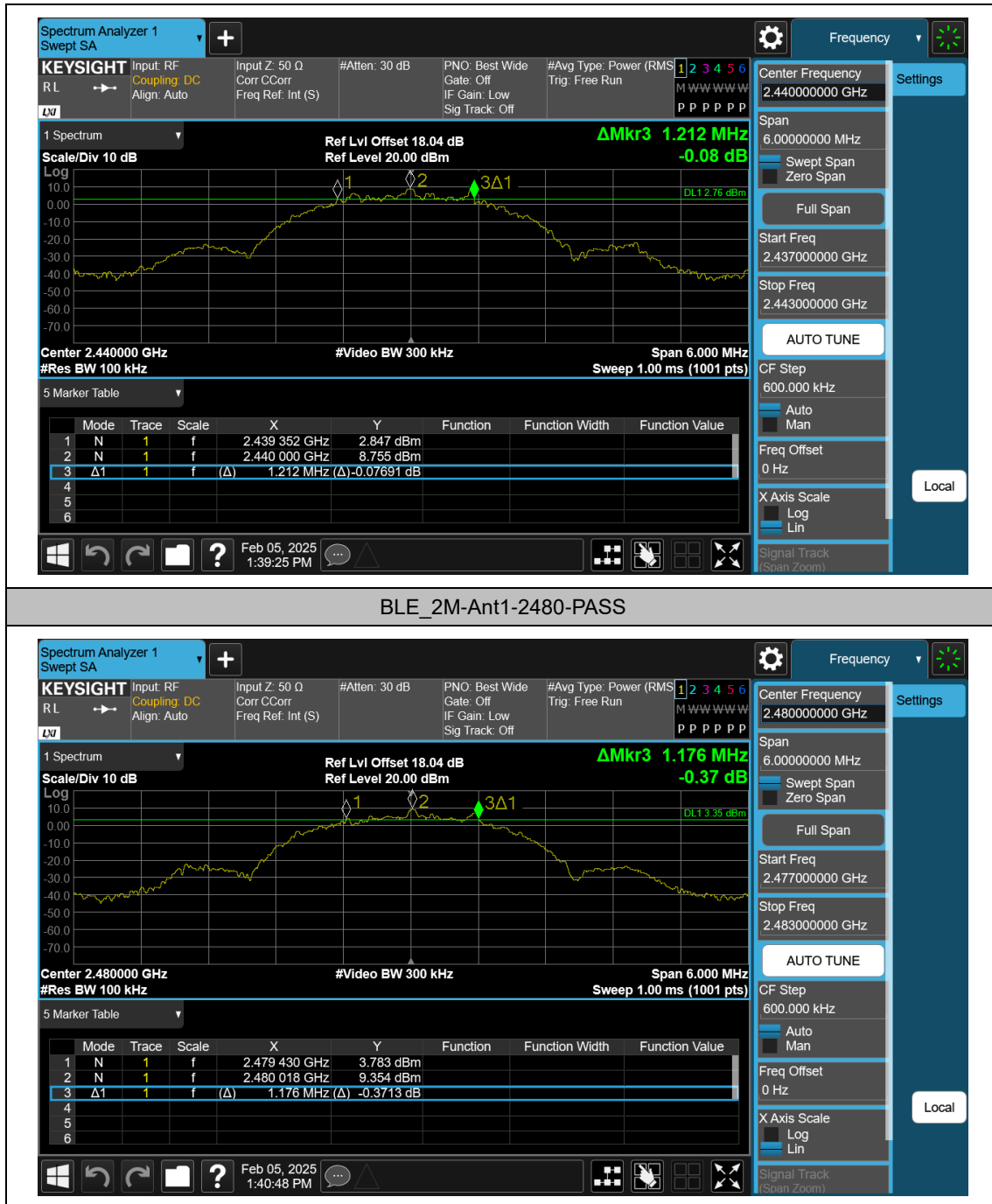
| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.702        | 2401.649 | 2402.351 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.708        | 2439.646 | 2440.354 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.696        | 2479.649 | 2480.345 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.380        | 2401.304 | 2402.684 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.212        | 2439.352 | 2440.564 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.176        | 2479.430 | 2480.606 | 0.5        | PASS    |



## Test Graphs





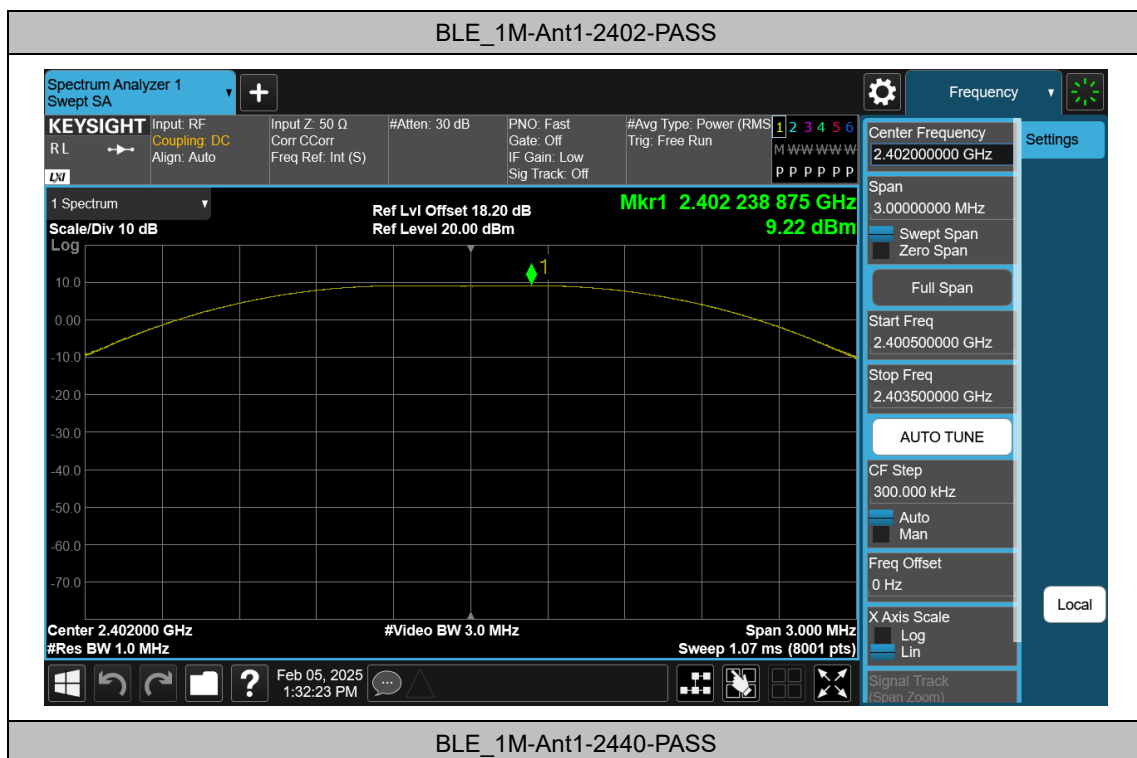


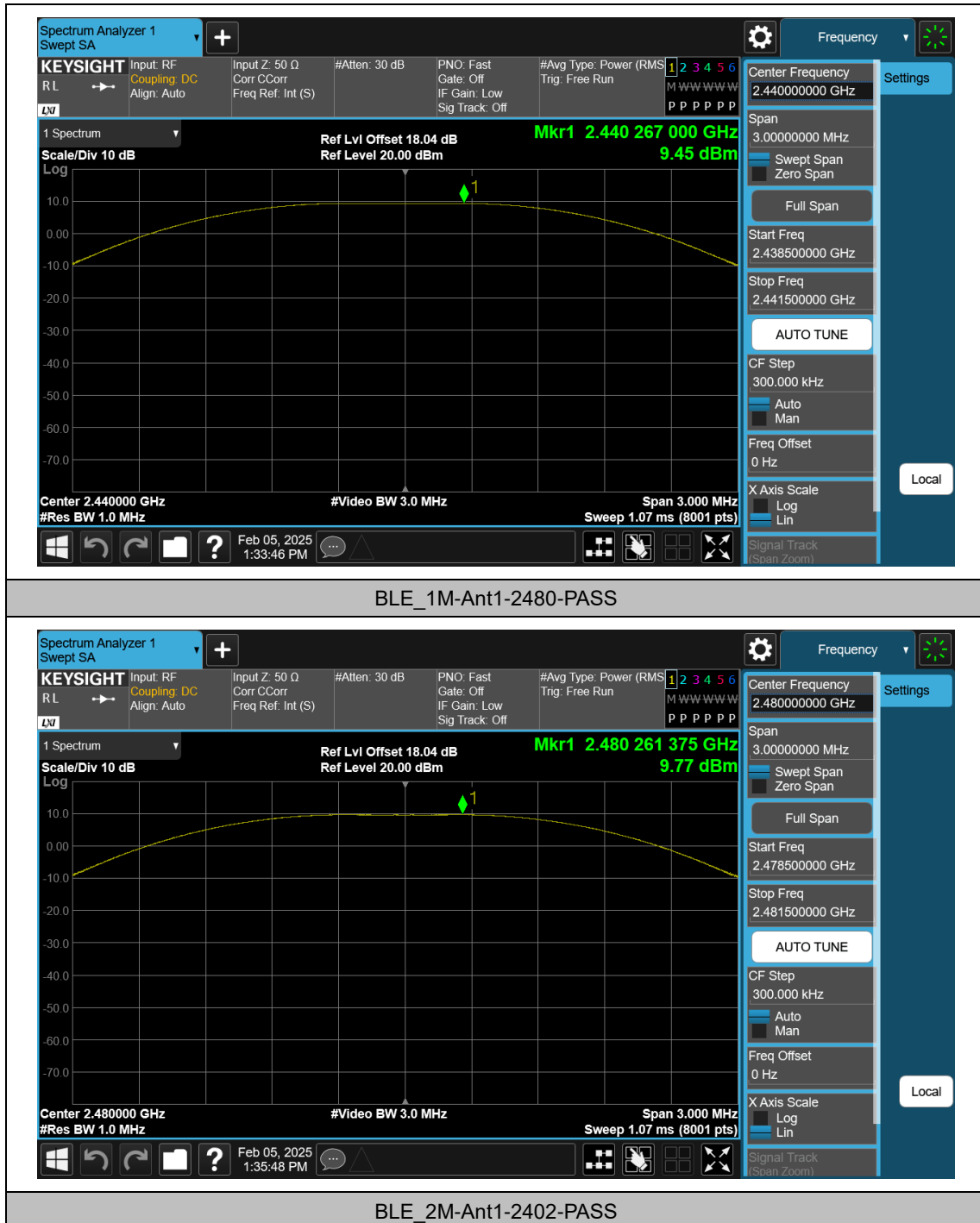
## Appendix B: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | 9.22                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | 9.45                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | 9.77                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2402           | 9.26                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2440           | 9.49                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2480           | 9.80                      | ≤30                  | PASS    |

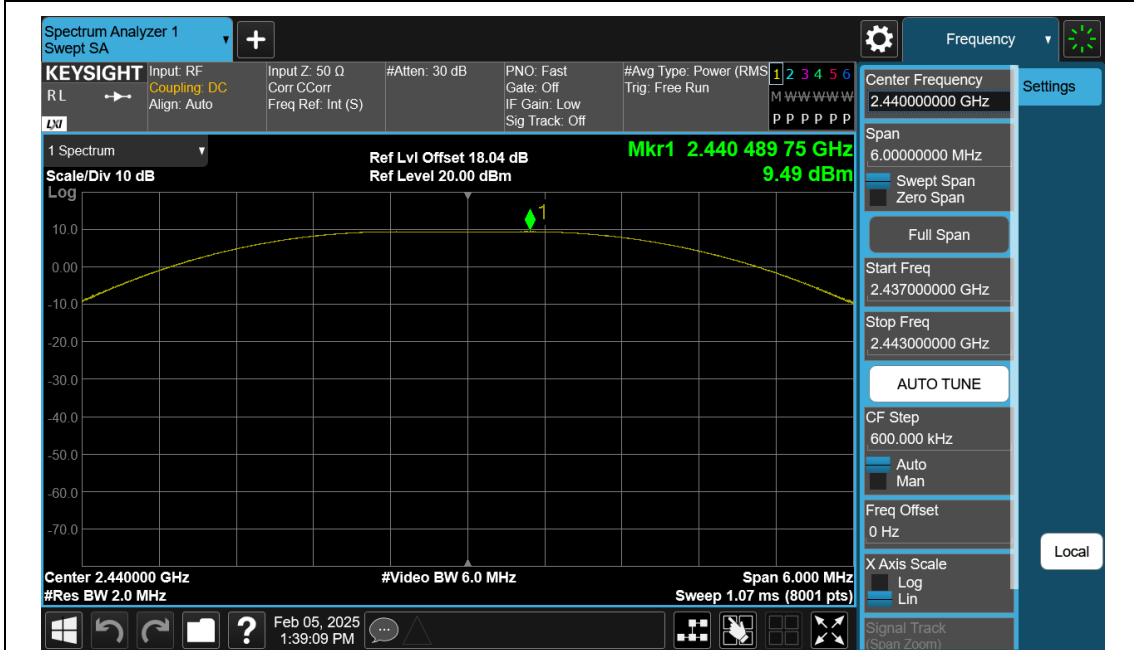
### Test Graphs Peak



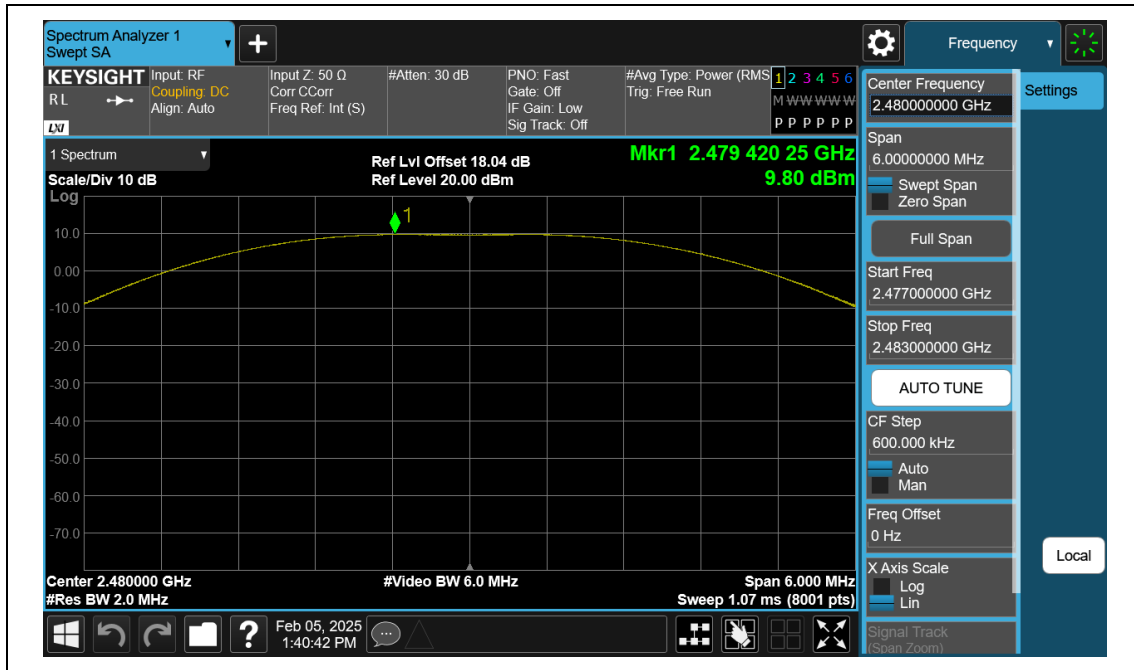




BLE\_2M-Ant1-2440-PASS



BLE\_2M-Ant1-2480-PASS



## Appendix C: Maximum power spectral density

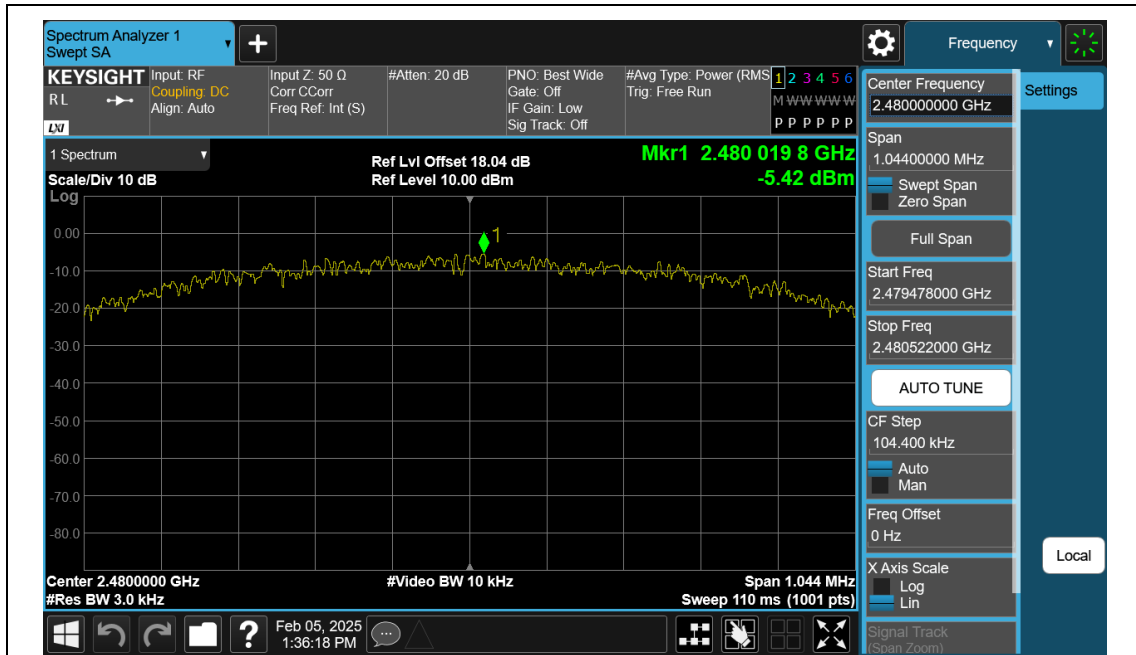
### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -5.14            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -5.60            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -5.42            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -7.26            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -6.95            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -6.56            | ≤8.00           | PASS    |

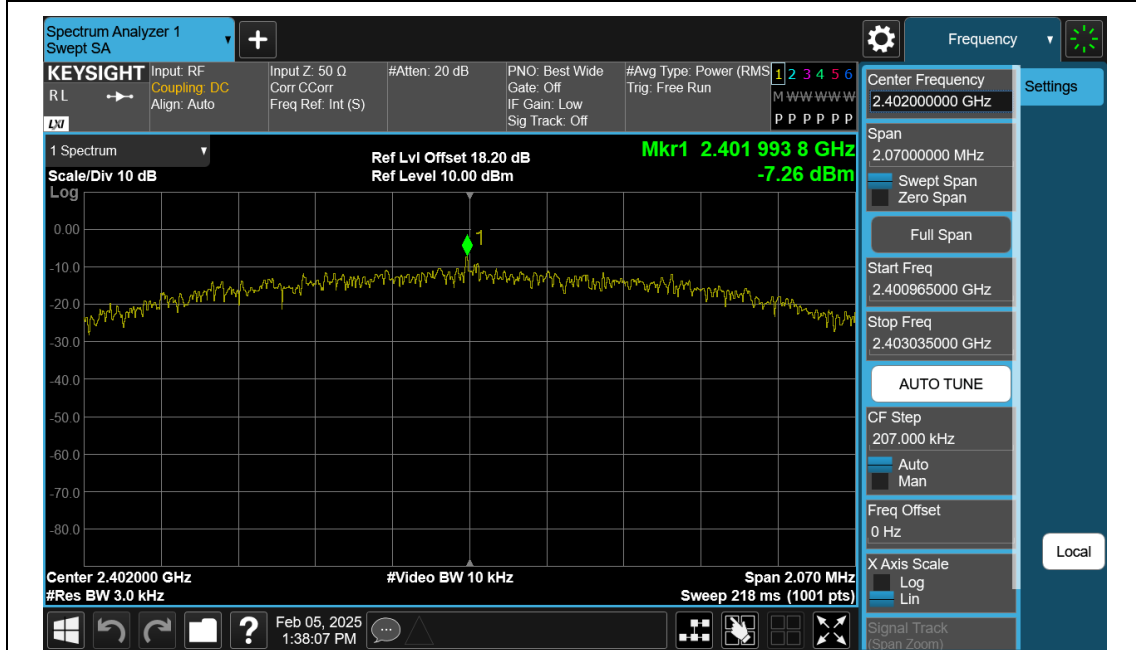


## Test Graphs





## BLE\_2M-Ant1-2402-PASS



## BLE\_2M-Ant1-2440-PASS



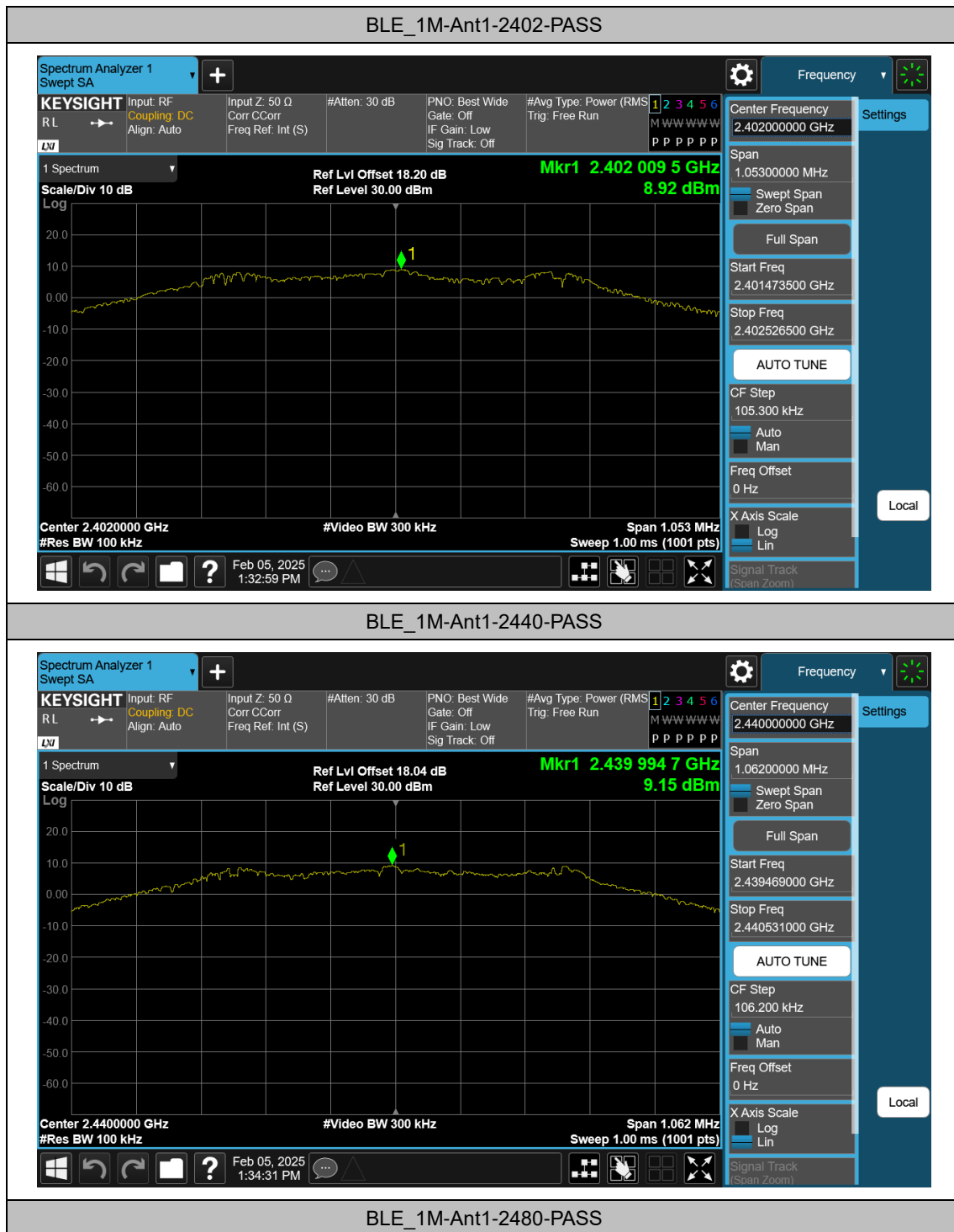
## Appendix D: Reference level measurement

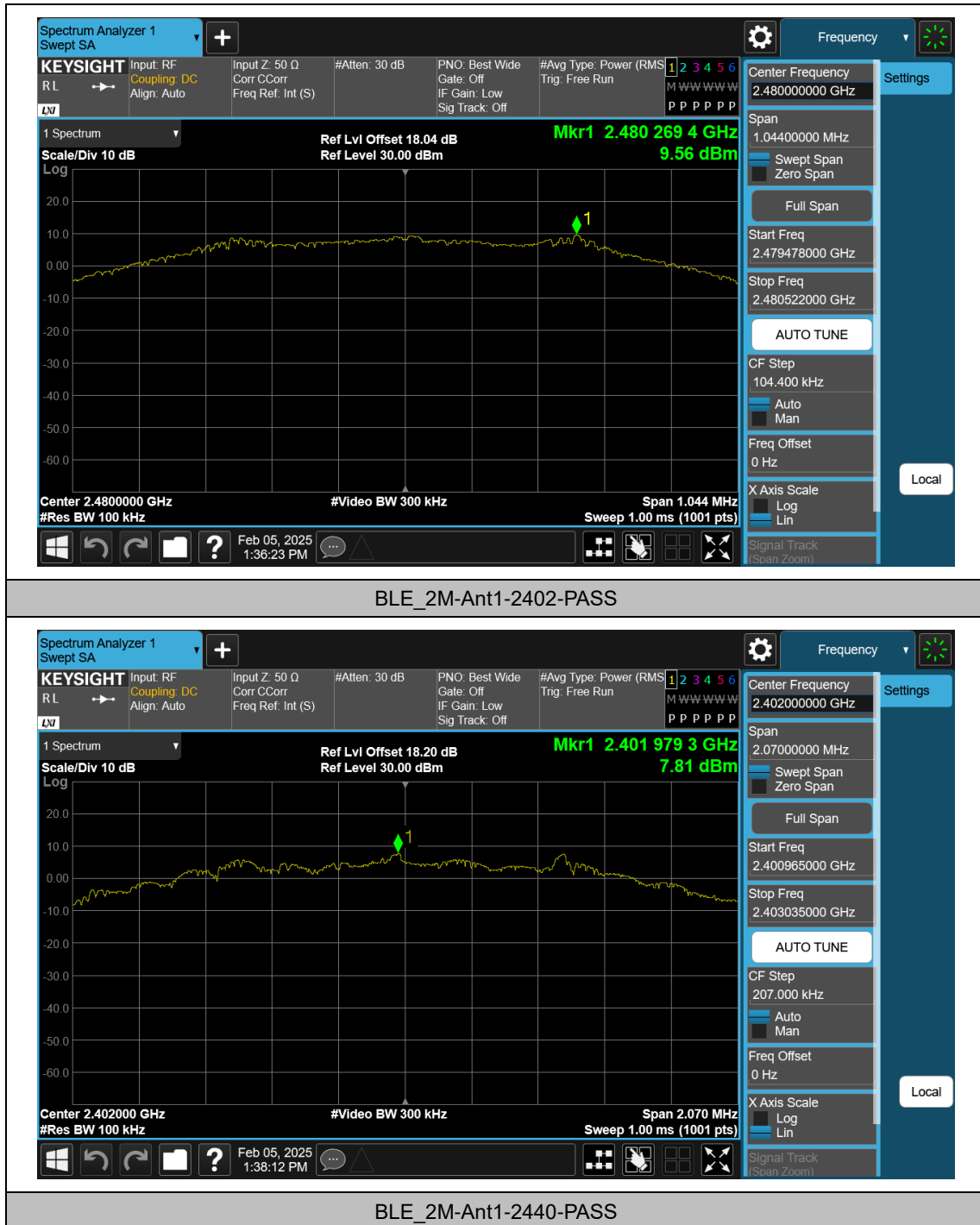
### Test Result

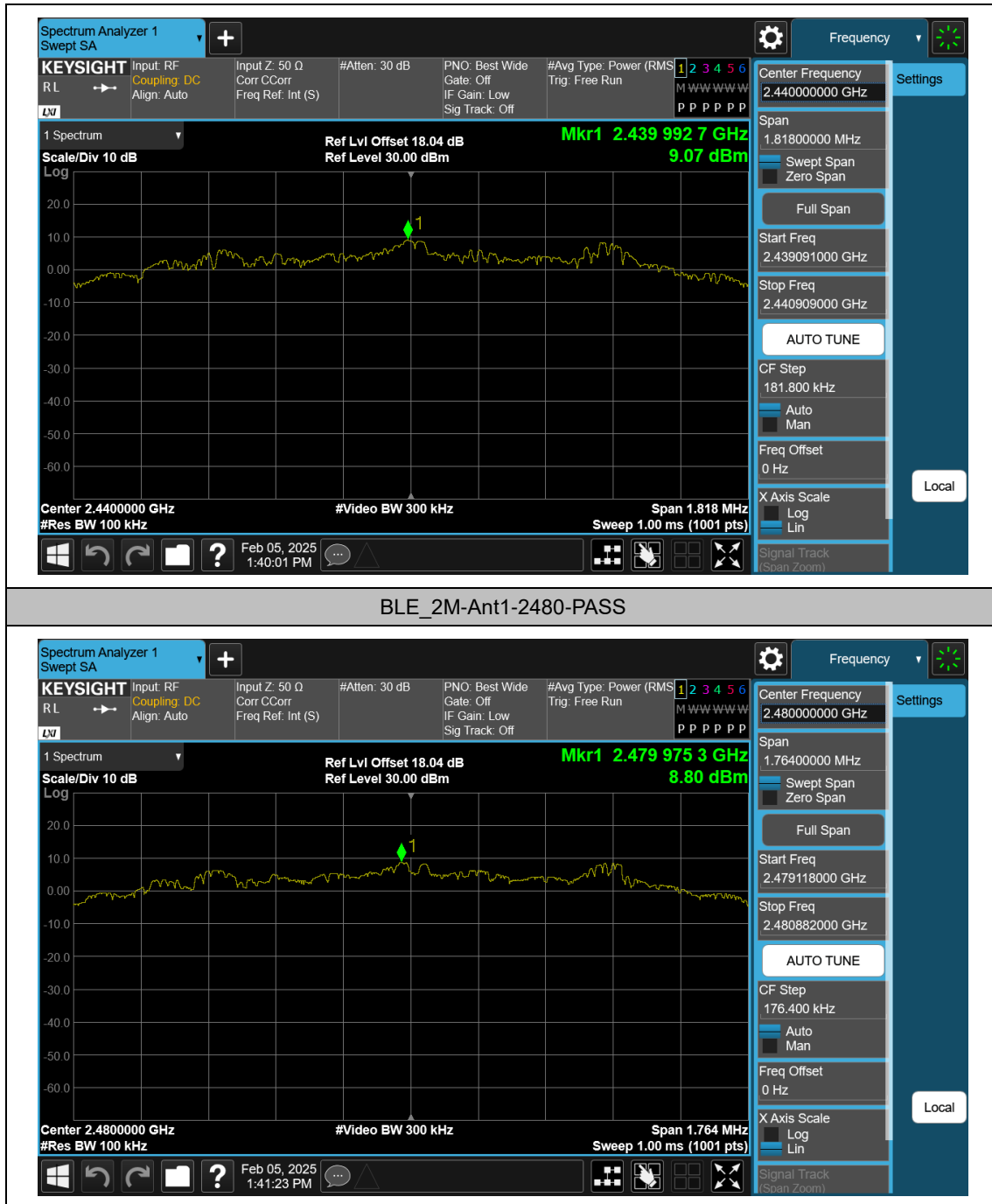
| TestMode | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|----------|---------|-----------|----------------|-------------|
| BLE_1M   | Ant1    | 2402      | 2402.01        | 8.92        |
| BLE_1M   | Ant1    | 2440      | 2439.99        | 9.15        |
| BLE_1M   | Ant1    | 2480      | 2480.27        | 9.56        |
| BLE_2M   | Ant1    | 2402      | 2401.98        | 7.81        |
| BLE_2M   | Ant1    | 2440      | 2439.99        | 9.07        |
| BLE_2M   | Ant1    | 2480      | 2479.98        | 8.80        |



## Test Graphs







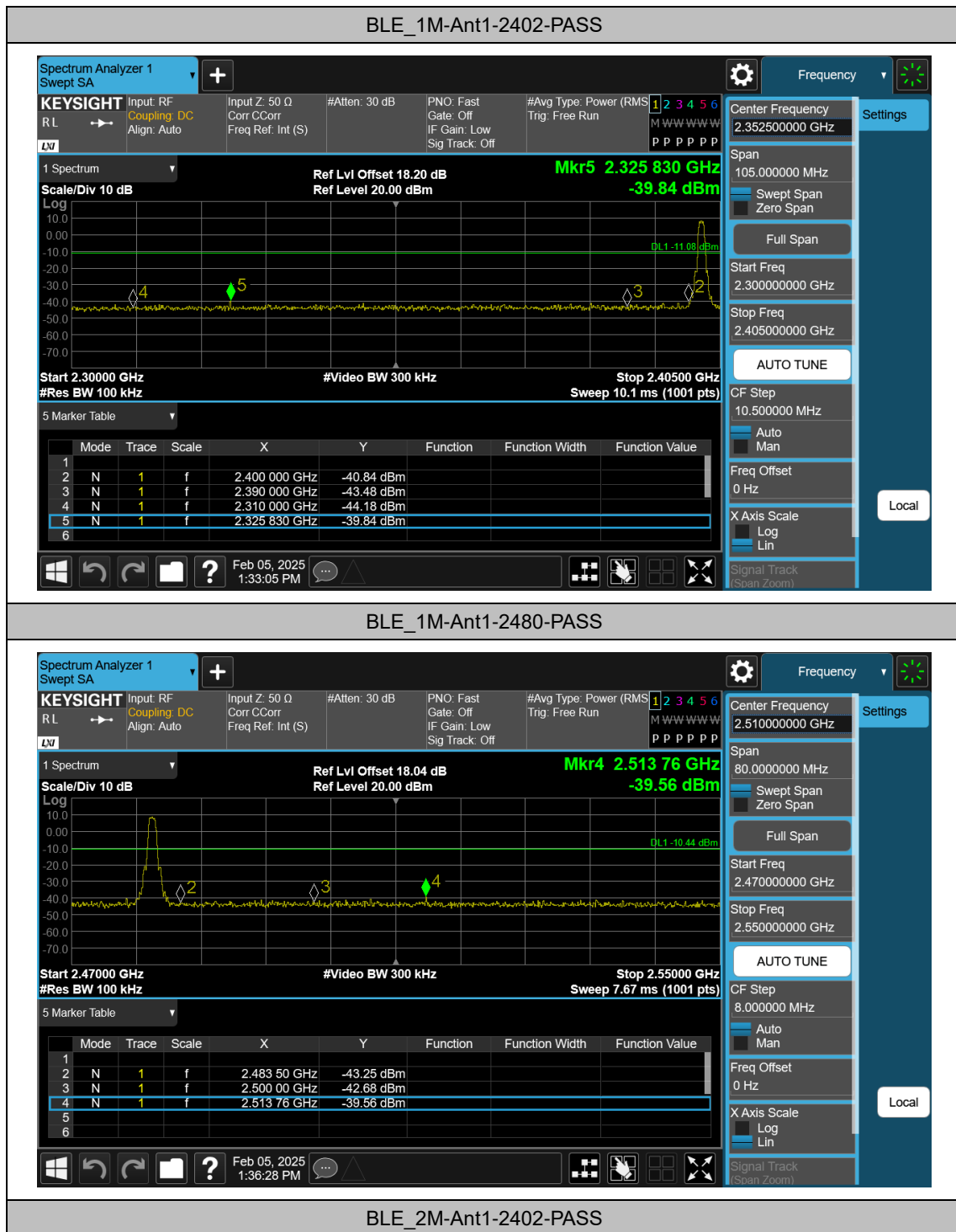
## Appendix E: Band edge measurements

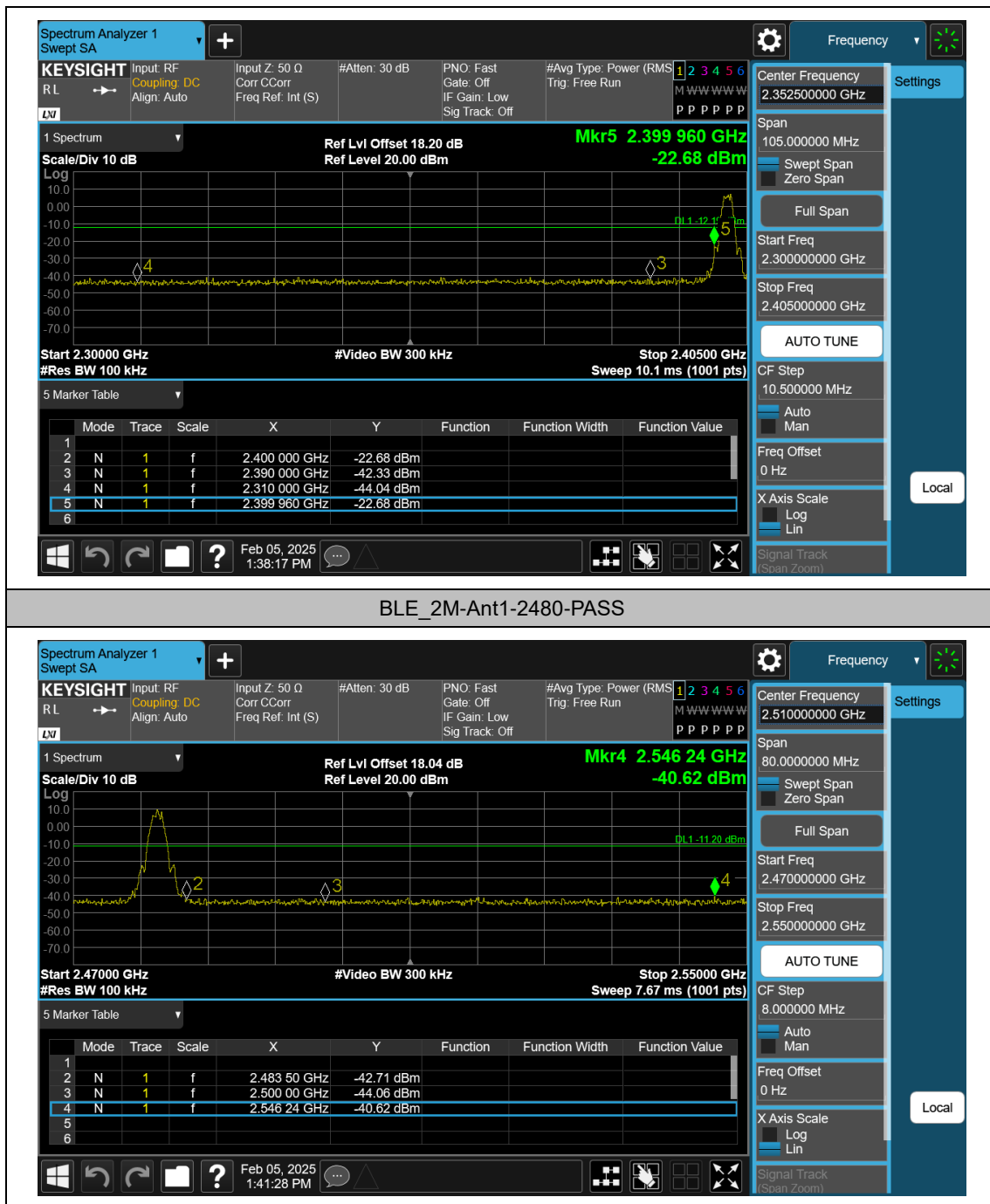
### Test Result

| TestMode | Antenna | Channel | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|----------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low     | 2402           | 8.92          | -39.84      | ≤-11.08    | PASS    |
| BLE_1M   | Ant1    | High    | 2480           | 9.56          | -39.56      | ≤-10.44    | PASS    |
| BLE_2M   | Ant1    | Low     | 2402           | 7.81          | -22.68      | ≤-12.19    | PASS    |
| BLE_2M   | Ant1    | High    | 2480           | 8.80          | -40.62      | ≤-11.2     | PASS    |



## Test Graphs





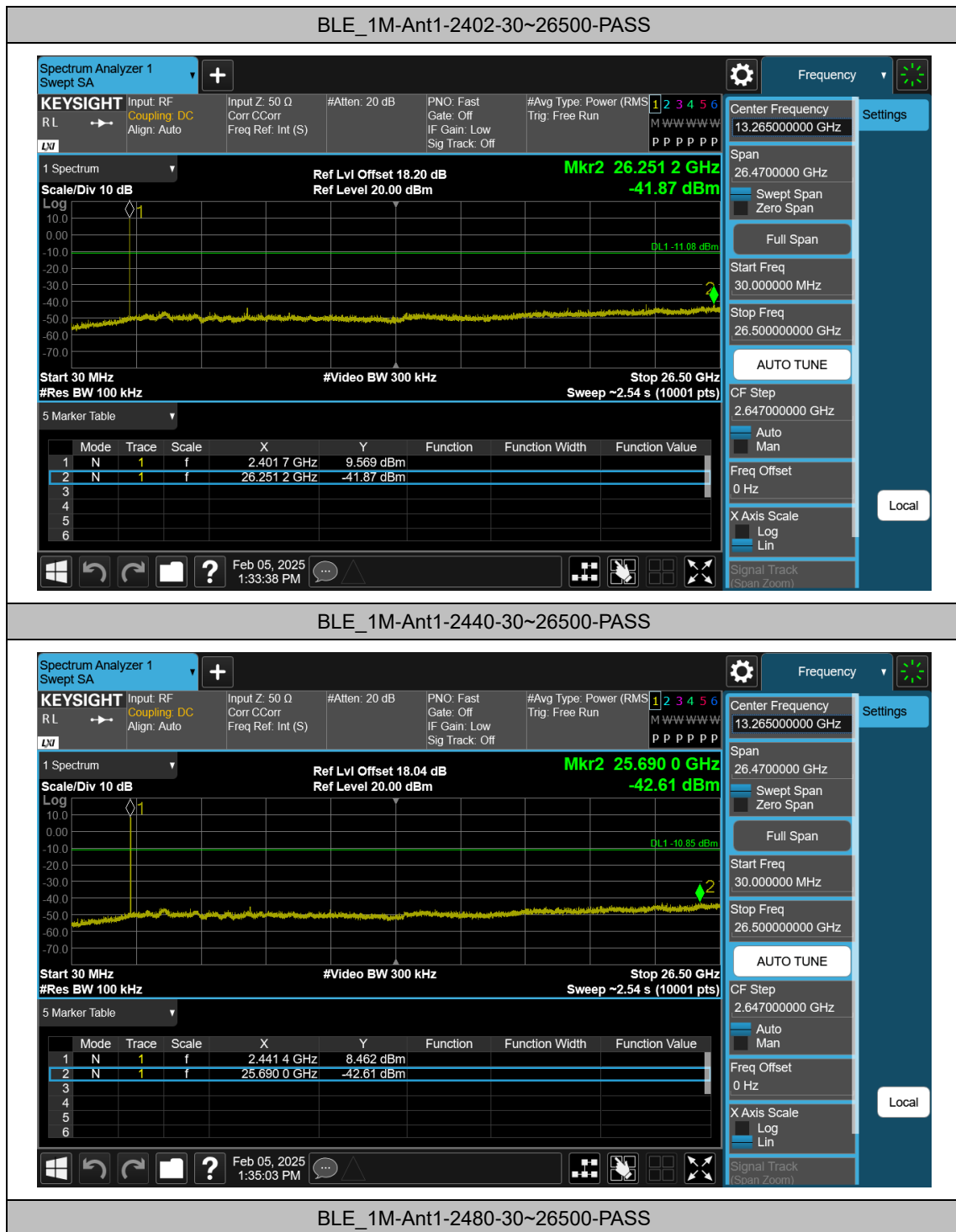
## Appendix F: Conducted Spurious Emission

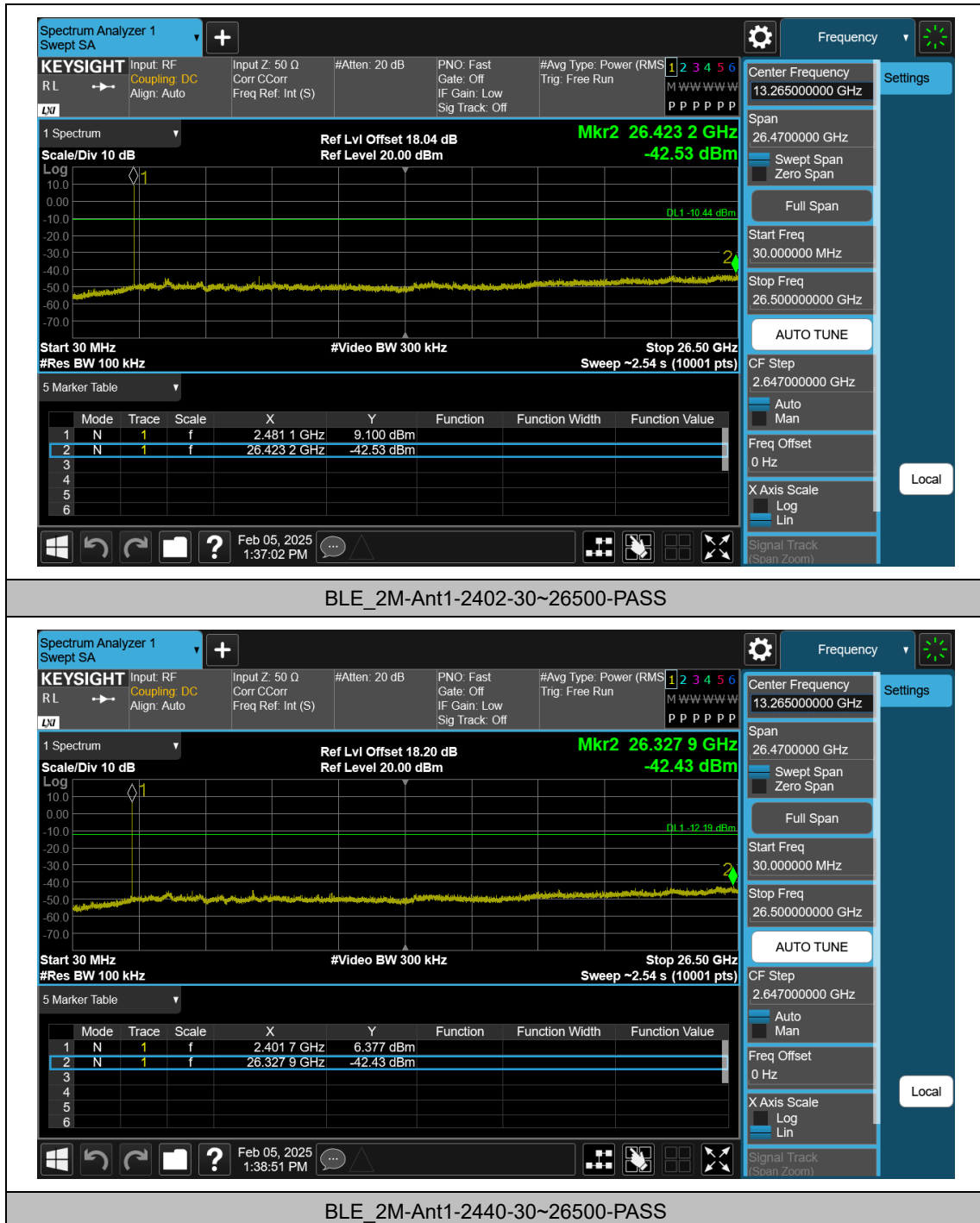
### Test Result

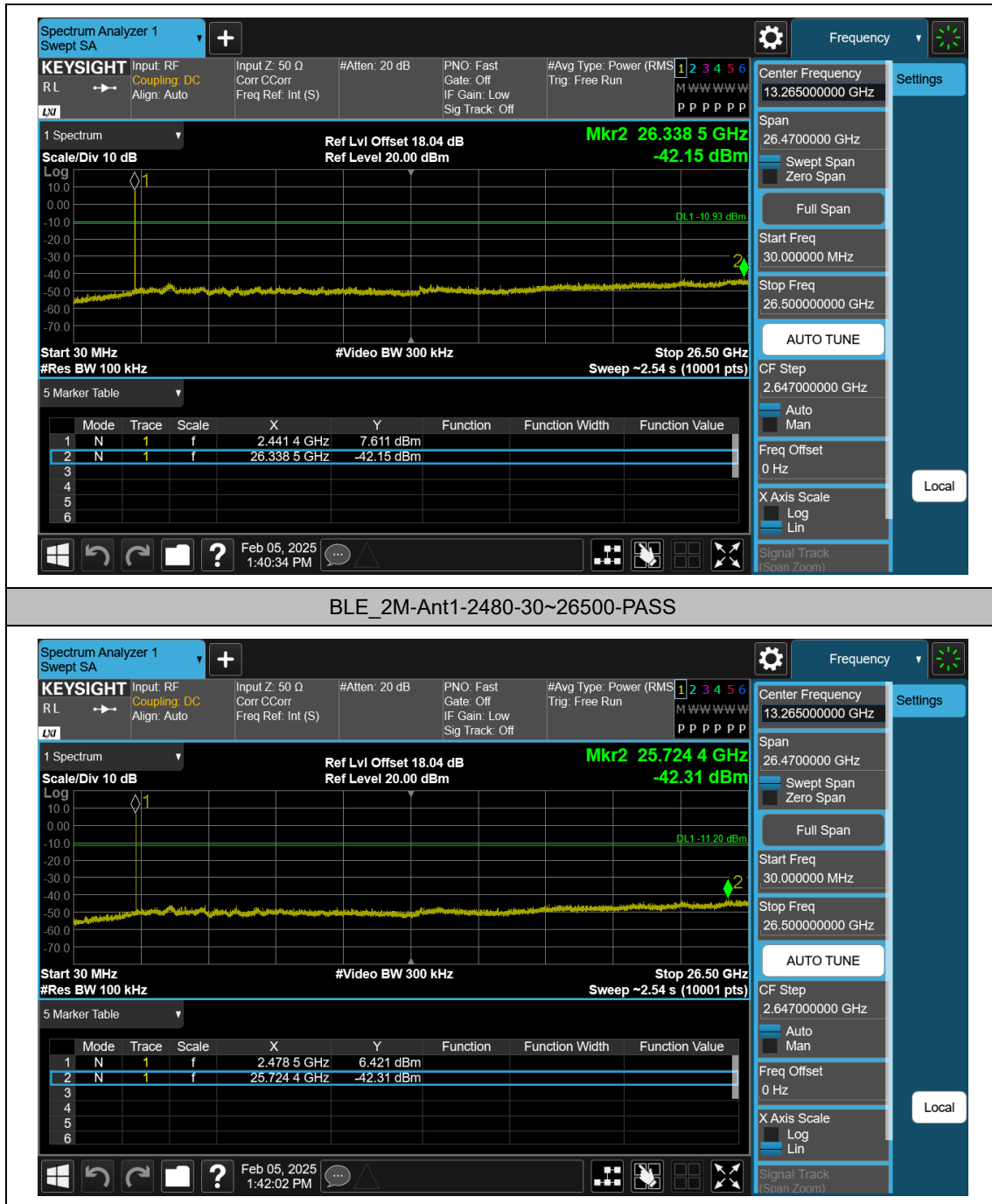
| TestMode | Antenna | Frequency[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 30~26500           | 8.92              | -41.87      | ≤-11.08    | PASS    |
| BLE_1M   | Ant1    | 2440           | 30~26500           | 9.15              | -42.61      | ≤-10.85    | PASS    |
| BLE_1M   | Ant1    | 2480           | 30~26500           | 9.56              | -42.53      | ≤-10.44    | PASS    |
| BLE_2M   | Ant1    | 2402           | 30~26500           | 7.81              | -42.43      | ≤-12.19    | PASS    |
| BLE_2M   | Ant1    | 2440           | 30~26500           | 9.07              | -42.15      | ≤-10.93    | PASS    |
| BLE_2M   | Ant1    | 2480           | 30~26500           | 8.80              | -42.31      | ≤-11.2     | 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           | 2.14            | 2.50           | 85.60             | 0.68                     |
| BLE_2M   | Ant1    | 2440           | 1.08            | 1.87           | 57.75             | 2.38                     |



## Test Graphs

