

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60323512501-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-6-12           | Finish Test Date:  | 2026-6-17   |
| Test Engineer:   | Pearl Ao            | Auditor:           | Justin Feng |
| Temperature:     | 23.5°C              | Relative Humidity: | 72%         |
| Pressure:        | 101kPa              |                    |             |



## Appendix A: 6dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 0.672        | 2401.652 | 2402.324 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.688        | 2439.648 | 2440.336 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.676        | 2479.664 | 2480.340 | 0.5        | PASS    |

## Test Graphs



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## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 1.0327    | 2401.4785 | 2402.5112 | ---        | ---     |
| BLE_1M    | Ant1    | 2440           | 1.0335    | 2439.4761 | 2440.5096 | ---        | ---     |
| BLE_1M    | Ant1    | 2480           | 1.0275    | 2479.4792 | 2480.5067 | ---        | ---     |

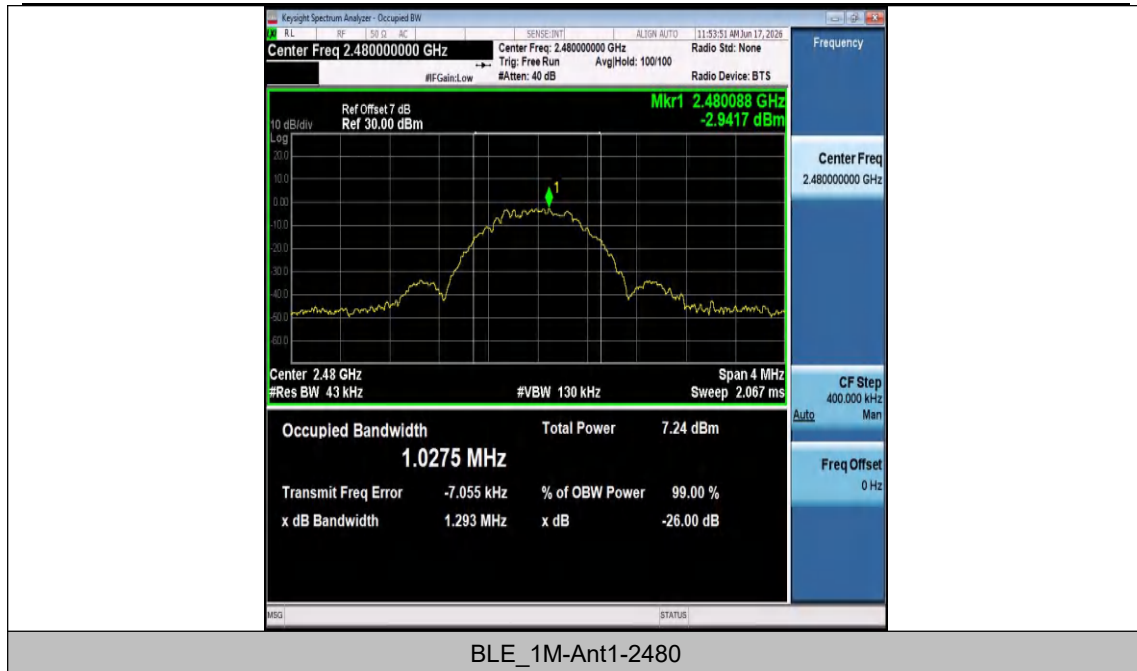
## Test Graphs



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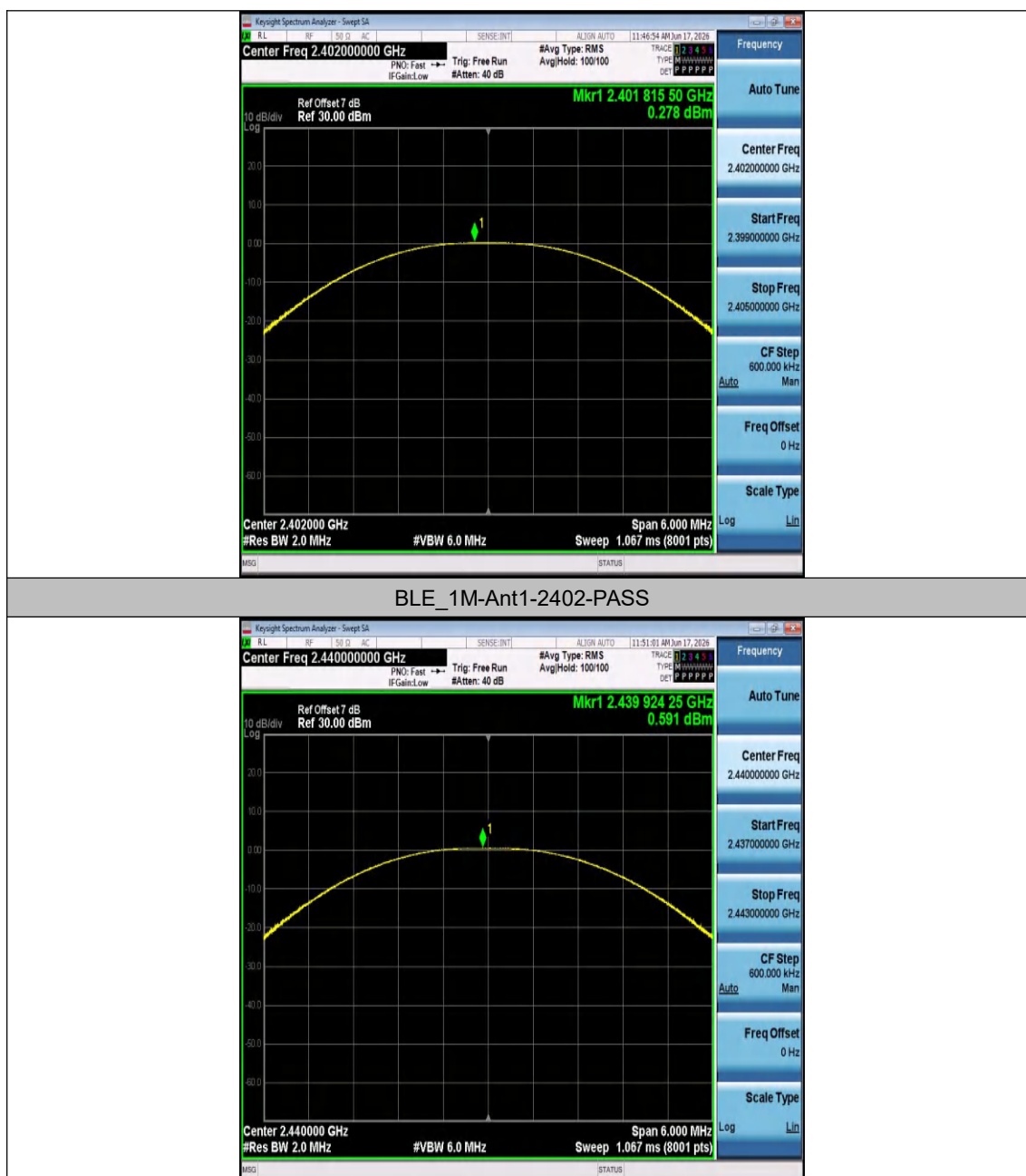
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## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402            | 0.28                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440            | 0.59                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480            | <b>0.97</b>               | ≤30                  | PASS    |

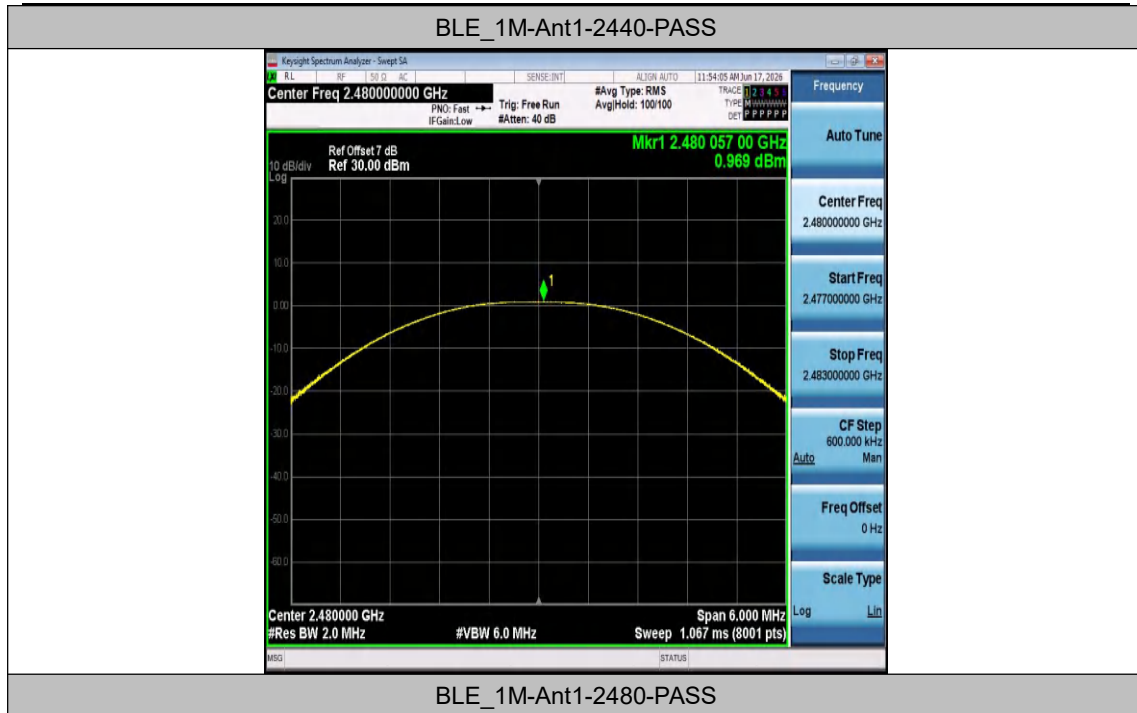
### Test Graphs Peak



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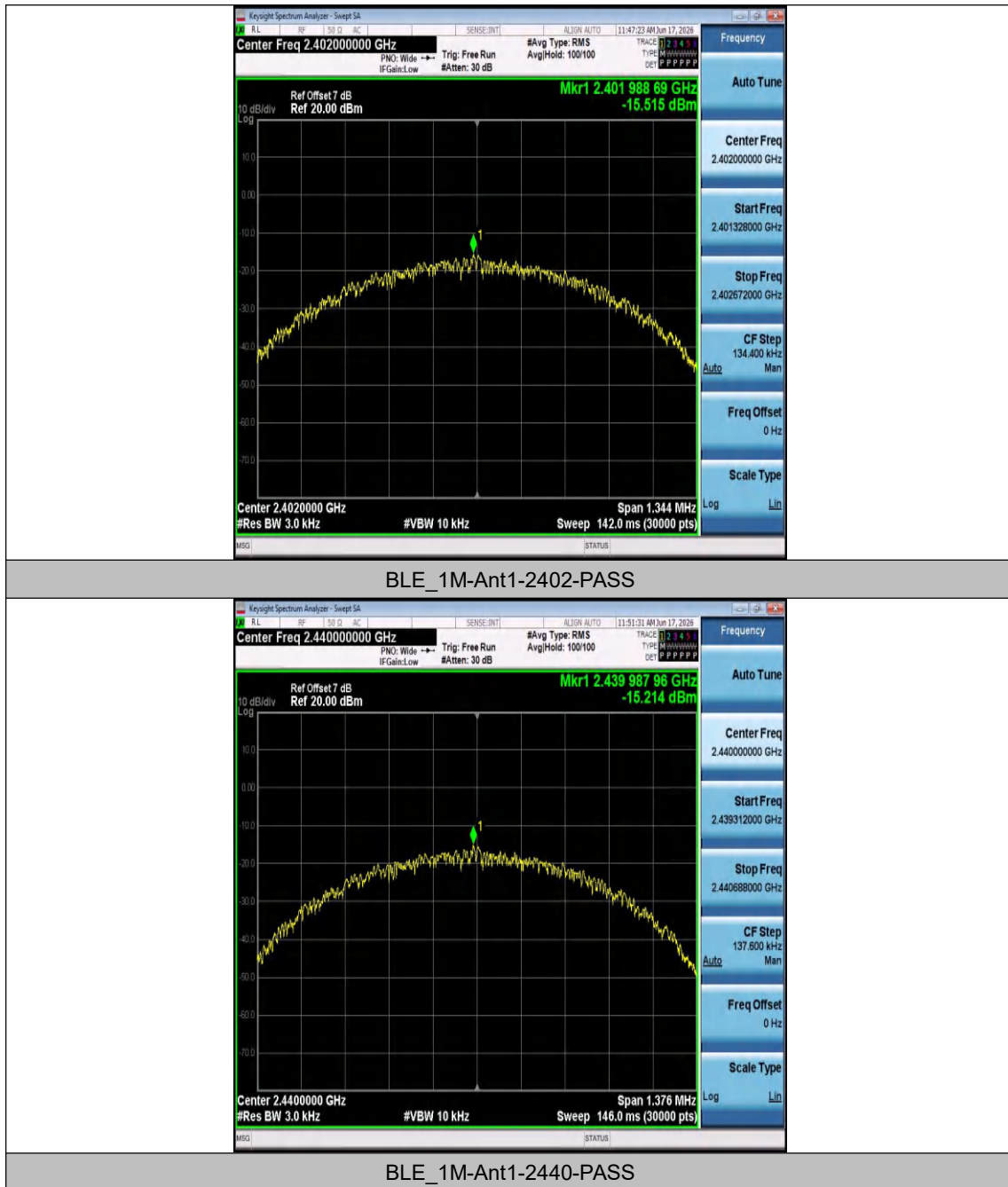
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## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -15.52           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -15.21           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -14.87           | ≤8.00           | PASS    |

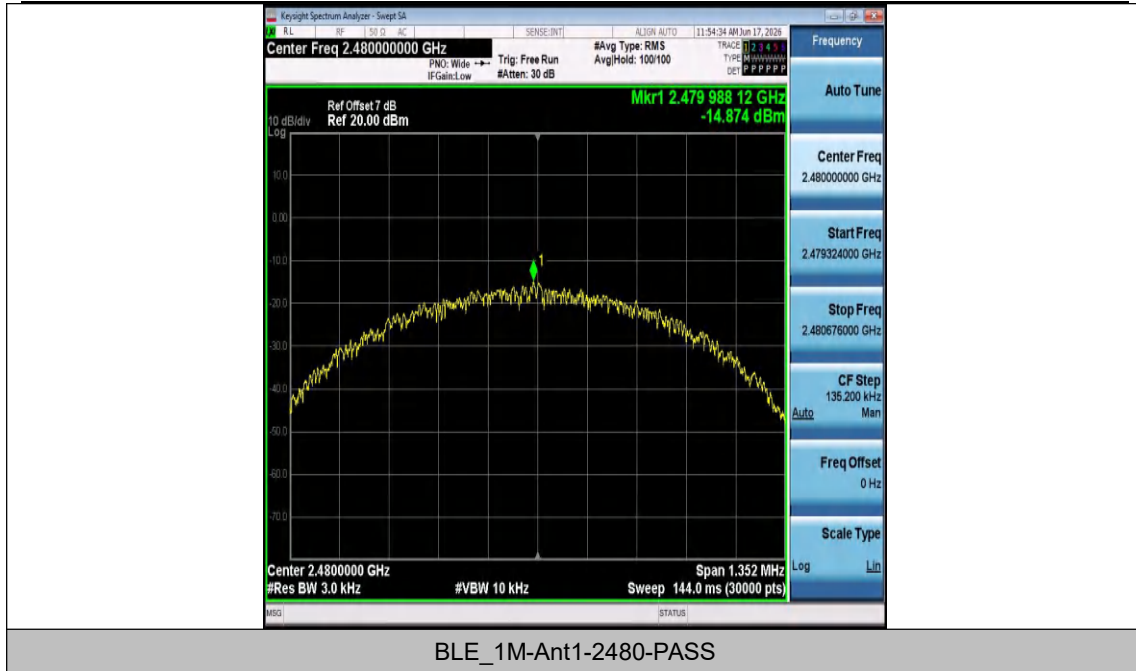
## Test Graphs



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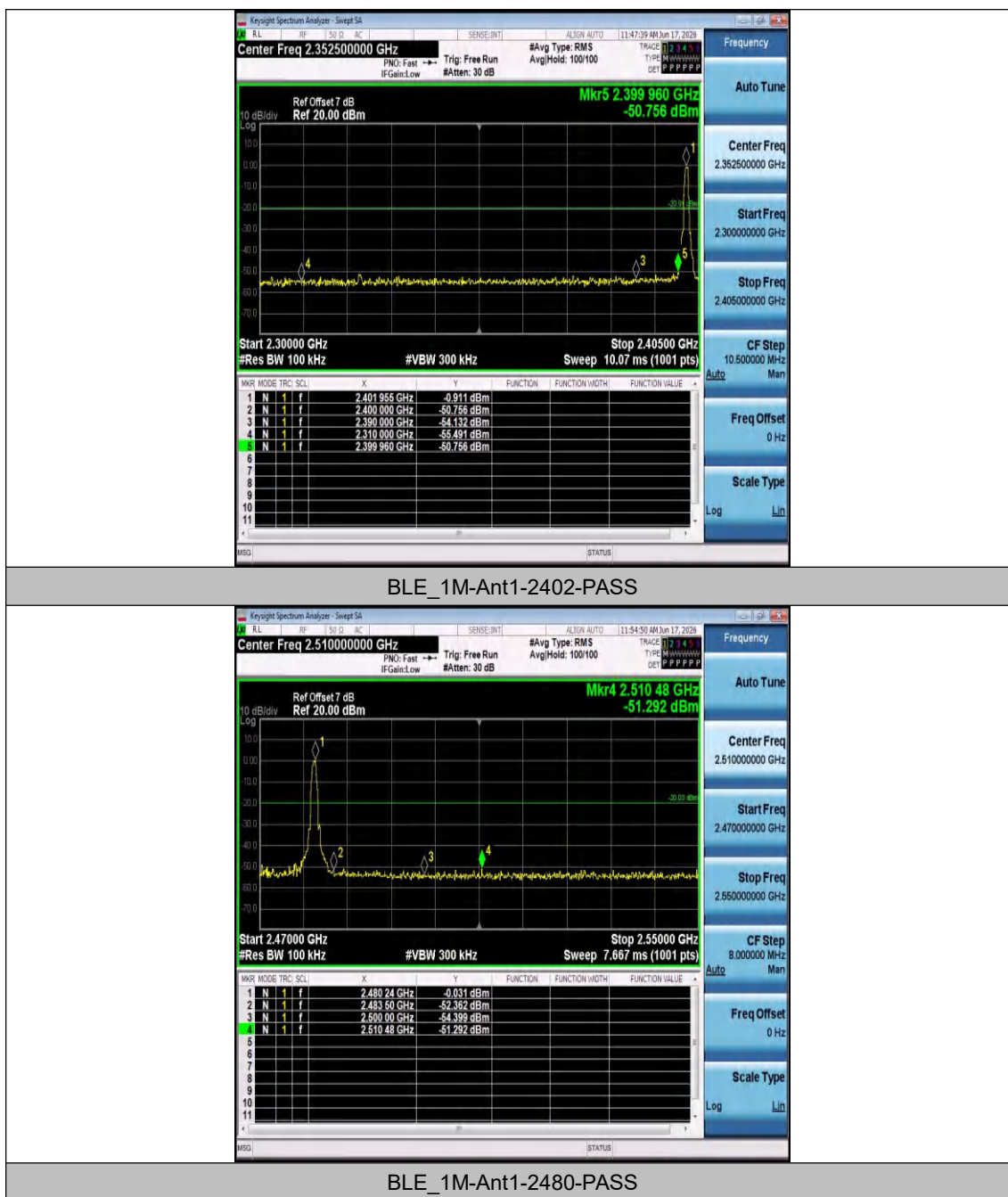
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## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | Low    | 2402            | -0.91          | -50.76       | ≤-20.91     | PASS    |
| BLE_1M    | Ant1    | High   | 2480            | -0.03          | -51.29       | ≤-20.03     | PASS    |

## Test Graphs



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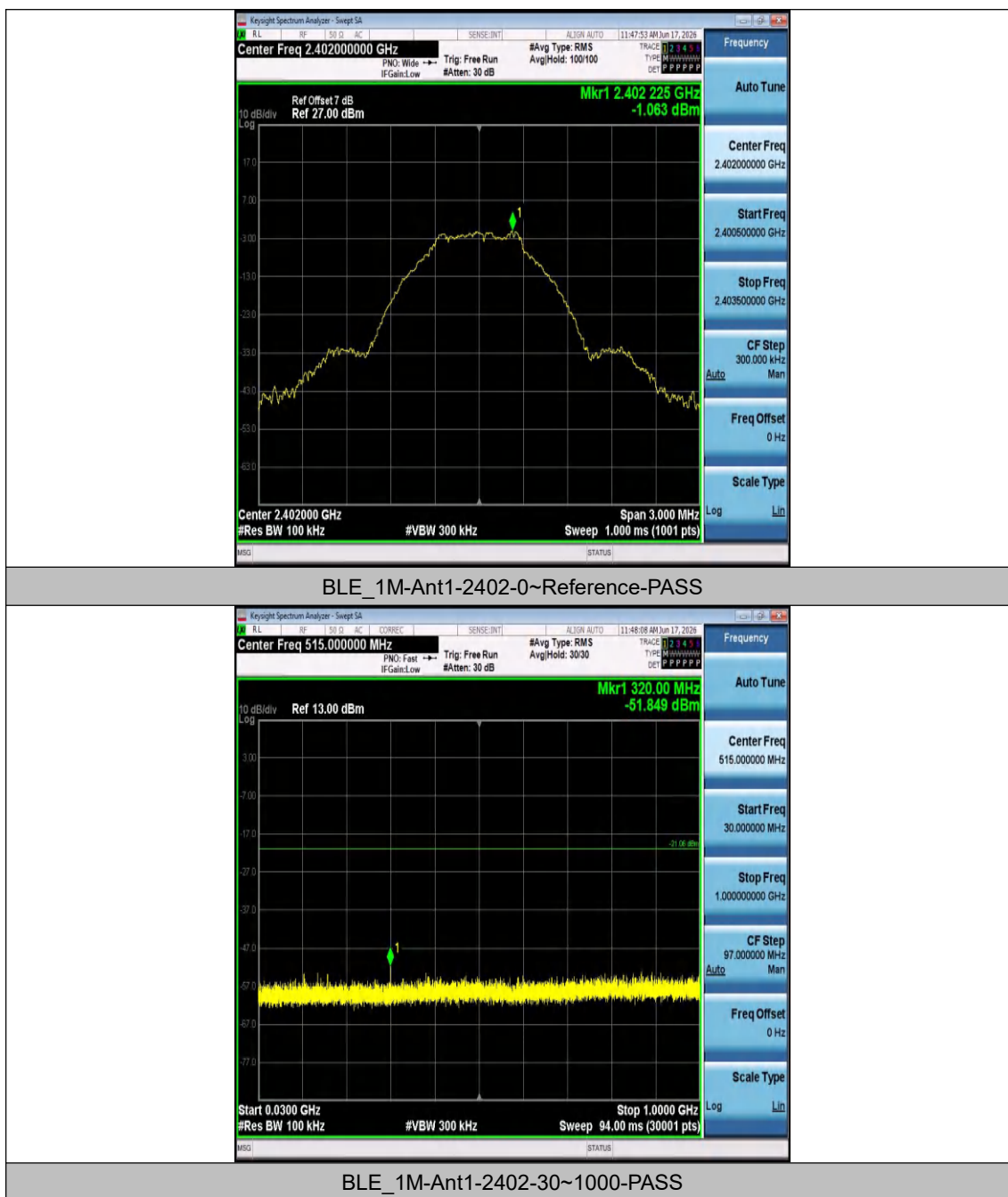
## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | 2402            | 0~Reference       | -1.06            | -1.06        | ---         | PASS    |
| BLE_1M    | Ant1    | 2402            | 30~1000           | -1.06            | -51.85       | ≤-21.06     | PASS    |
| BLE_1M    | Ant1    | 2402            | 1000~26500        | -1.06            | -42.57       | ≤-21.06     | PASS    |
| BLE_1M    | Ant1    | 2440            | 0~Reference       | -0.87            | -0.87        | ---         | PASS    |
| BLE_1M    | Ant1    | 2440            | 30~1000           | -0.87            | -52.64       | ≤-20.87     | PASS    |
| BLE_1M    | Ant1    | 2440            | 1000~26500        | -0.87            | -42.03       | ≤-20.87     | PASS    |
| BLE_1M    | Ant1    | 2480            | 0~Reference       | -0.39            | -0.39        | ---         | PASS    |
| BLE_1M    | Ant1    | 2480            | 30~1000           | -0.39            | -51.63       | ≤-20.39     | PASS    |
| BLE_1M    | Ant1    | 2480            | 1000~26500        | -0.39            | -41.8        | ≤-20.39     | PASS    |

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

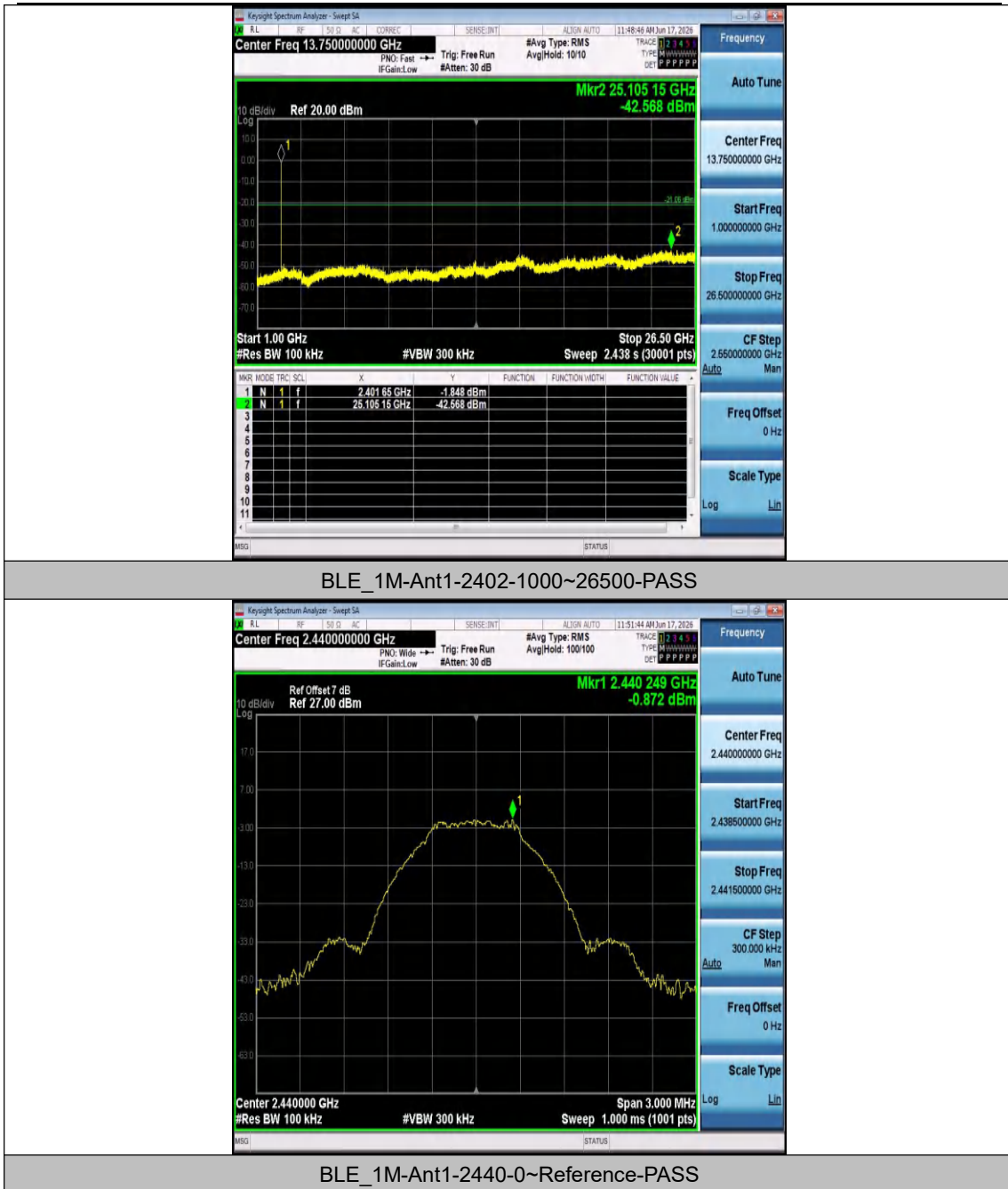
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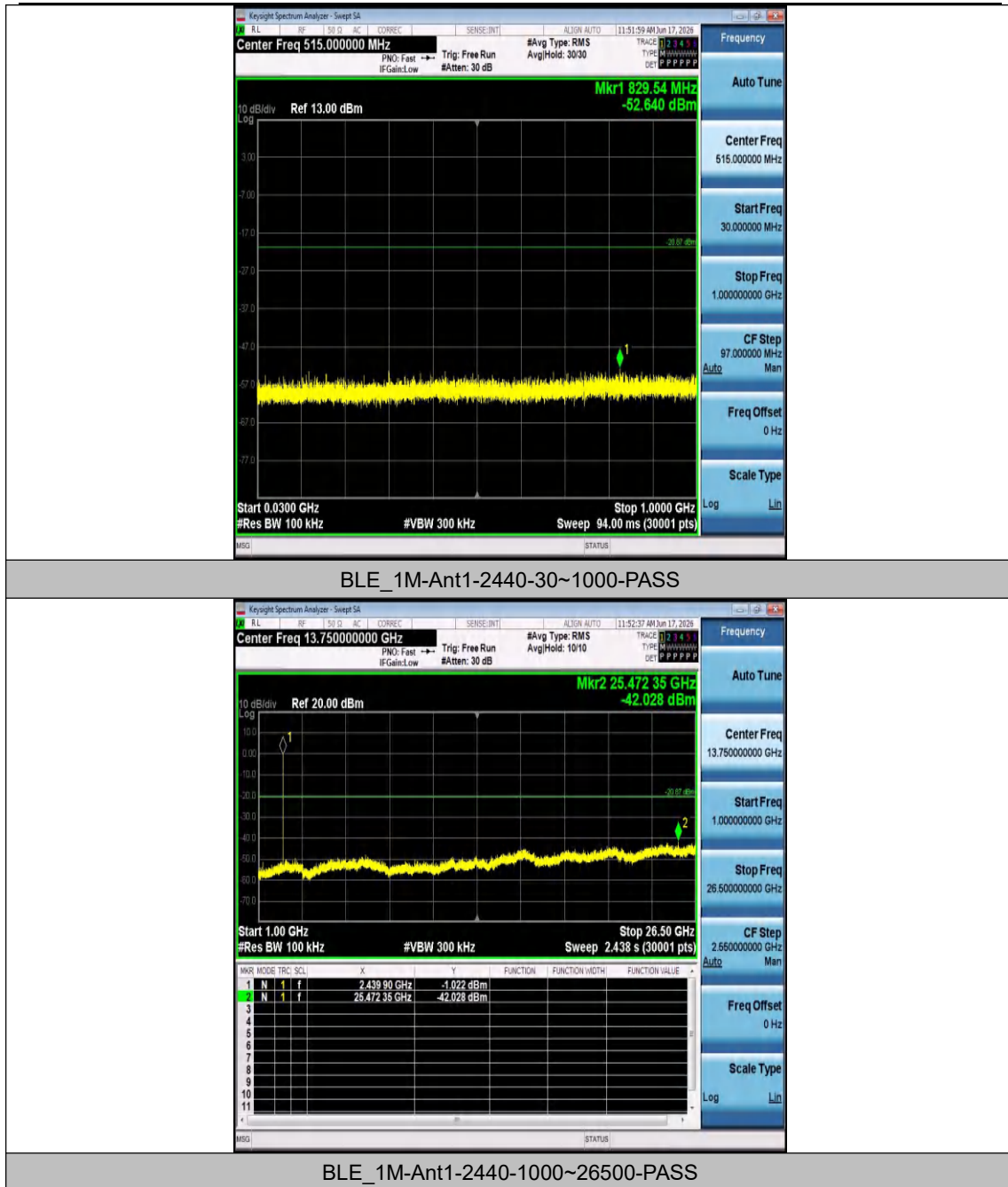
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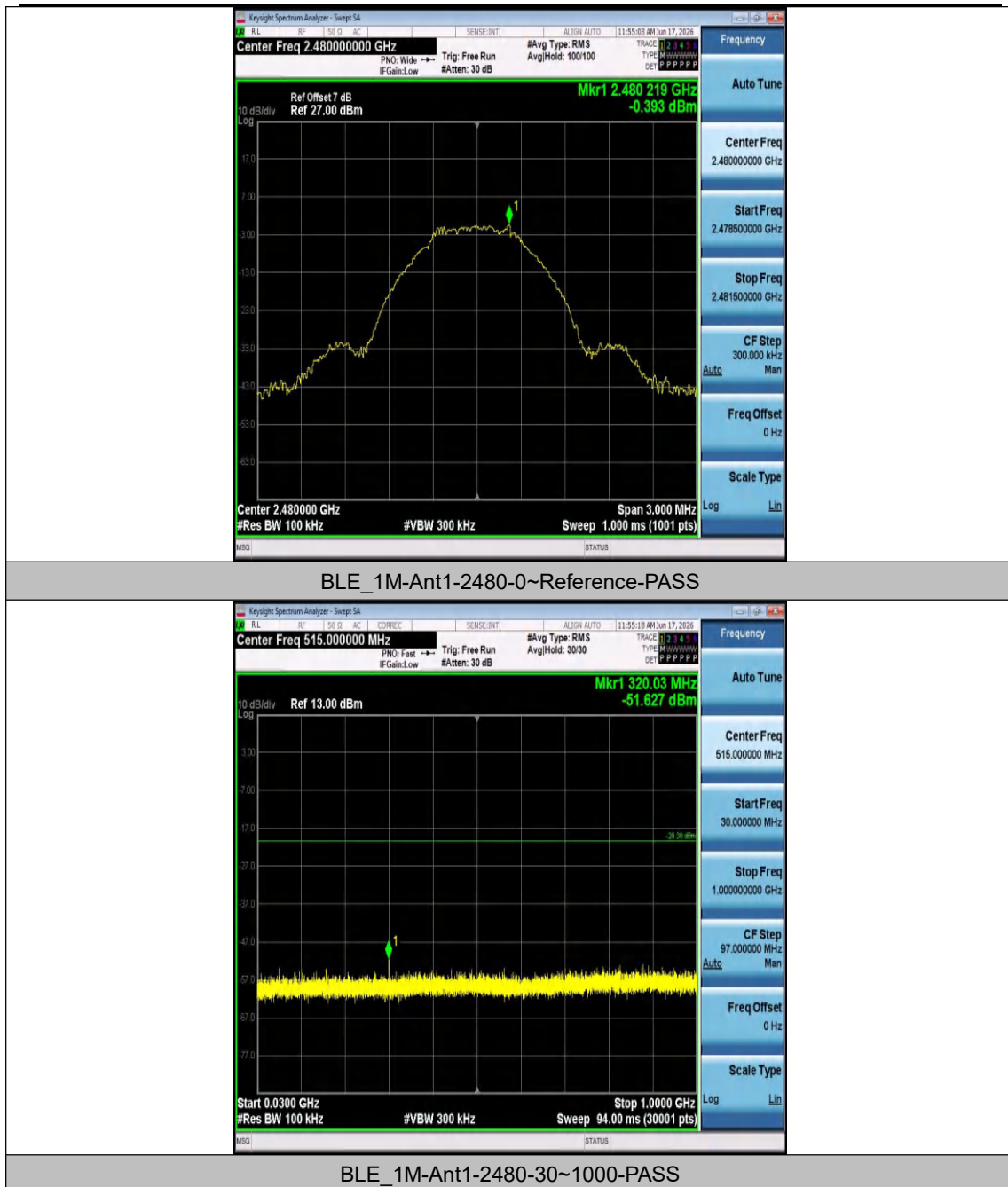
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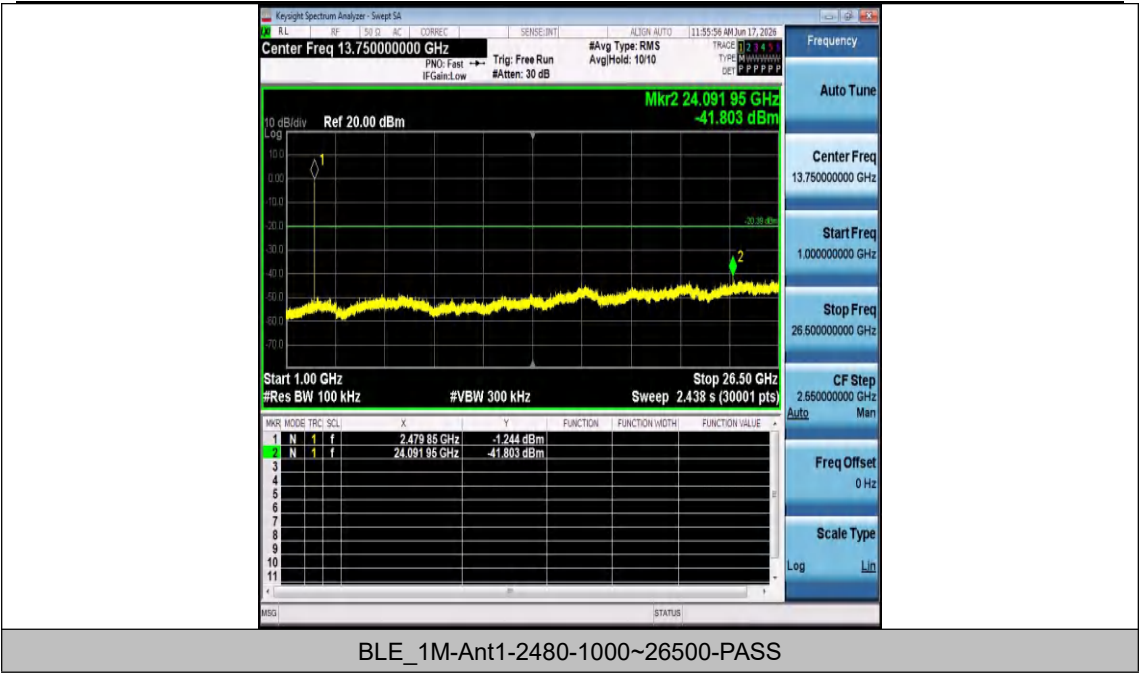
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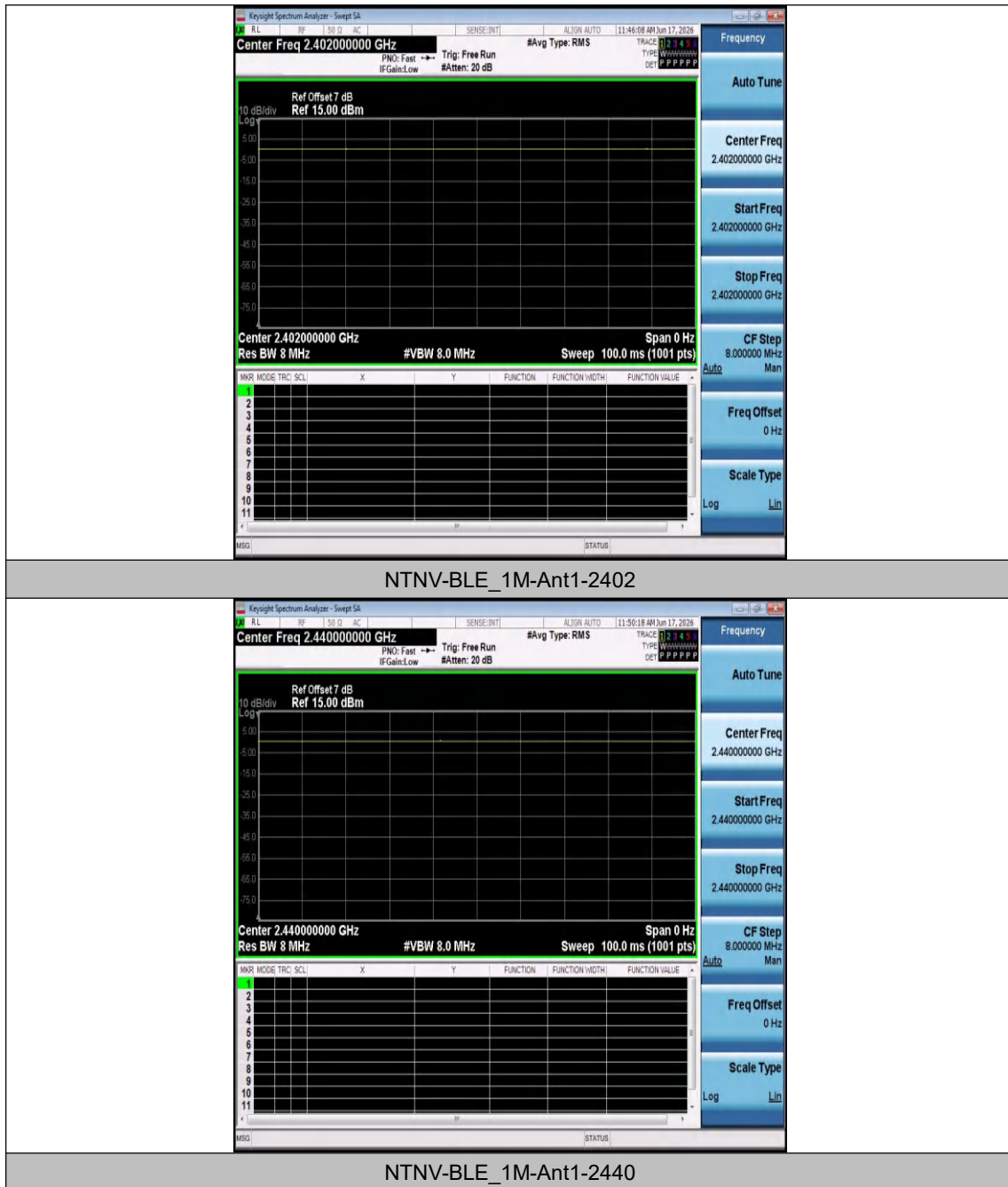
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## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|-----------|---------|-----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M    | Ant1    | 2402            | 100.00       | 100.00      | 100.00         | 0.00                  |
| BLE_1M    | Ant1    | 2440            | 100.00       | 100.00      | 100.00         | 0.00                  |
| BLE_1M    | Ant1    | 2480            | 100.00       | 100.00      | 100.00         | 0.00                  |

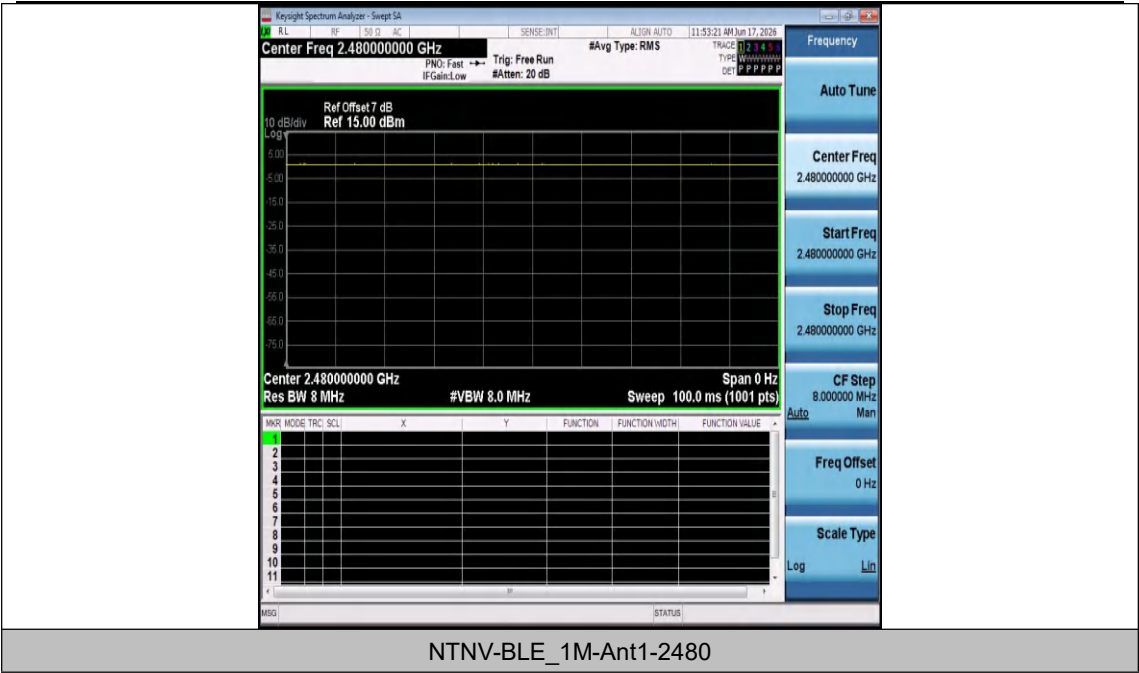
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