

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1818C60098412501-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-7-14           | Finish Test Date:  | 2026-7-17   |
| Test Engineer:   | Huisen Guan         | Auditor:           | Justin Feng |
| Temperature:     | 25.6°C              | Relative Humidity: | 61%         |
| Pressure:        | 101kPa              |                    |             |

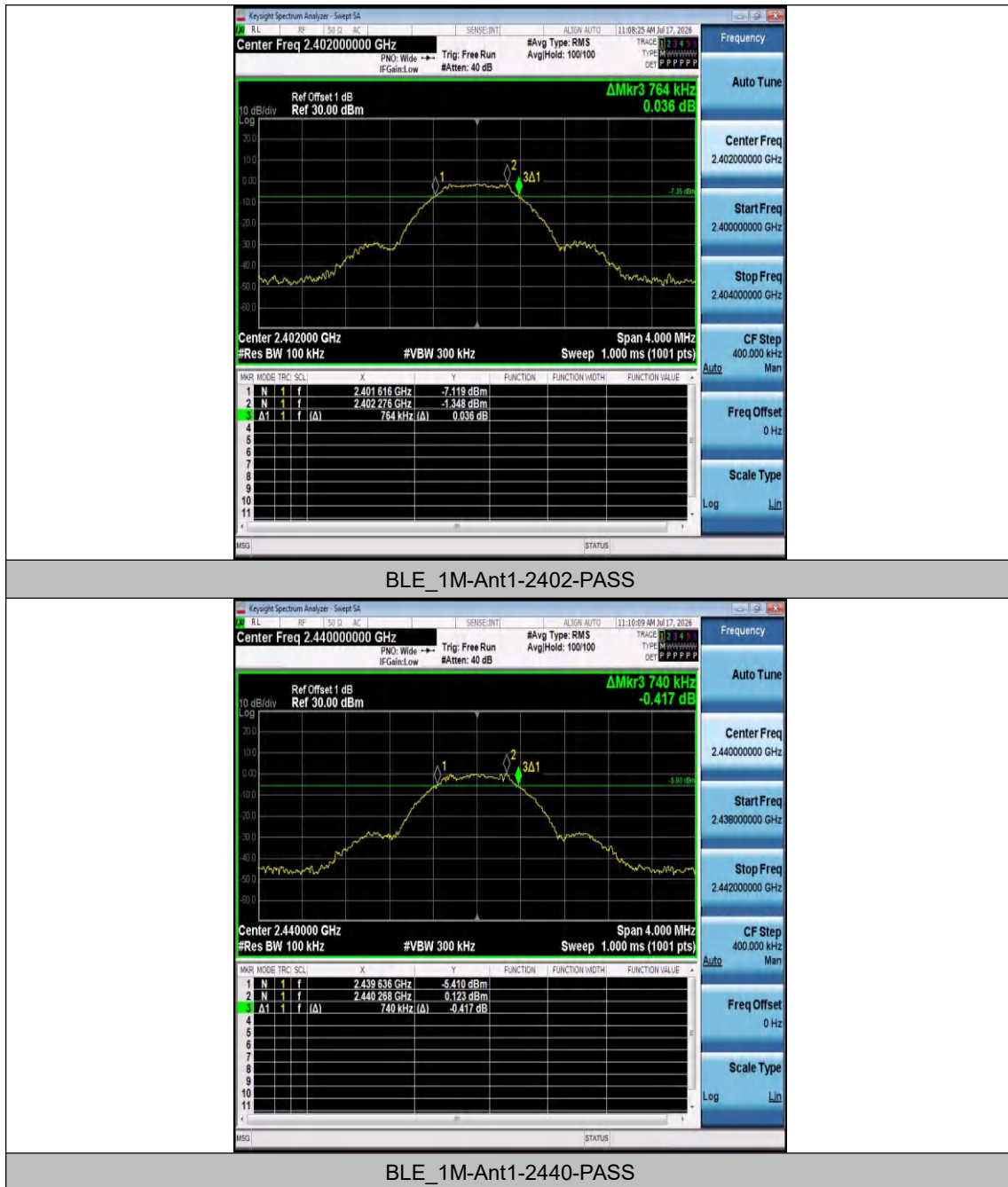


## Appendix A: 6dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 0.764        | 2401.616 | 2402.380 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.740        | 2439.636 | 2440.376 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.728        | 2479.636 | 2480.364 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2402           | 1.312        | 2401.344 | 2402.656 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2440           | 1.328        | 2439.344 | 2440.672 | 0.5        | PASS    |
| BLE_2M    | Ant1    | 2480           | 1.448        | 2479.224 | 2480.672 | 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           | 1.0814    | 2401.4617 | 2402.5431 | ---        | ---     |
| BLE_1M    | Ant1    | 2440           | 1.0843    | 2439.4585 | 2440.5428 | ---        | ---     |
| BLE_1M    | Ant1    | 2480           | 1.0916    | 2479.4519 | 2480.5435 | ---        | ---     |
| BLE_2M    | Ant1    | 2402           | 2.2334    | 2400.8848 | 2403.1182 | ---        | ---     |
| BLE_2M    | Ant1    | 2440           | 2.2422    | 2438.8814 | 2441.1236 | ---        | ---     |
| BLE_2M    | Ant1    | 2480           | 2.2836    | 2478.8497 | 2481.1333 | ---        | ---     |

## Test Graphs



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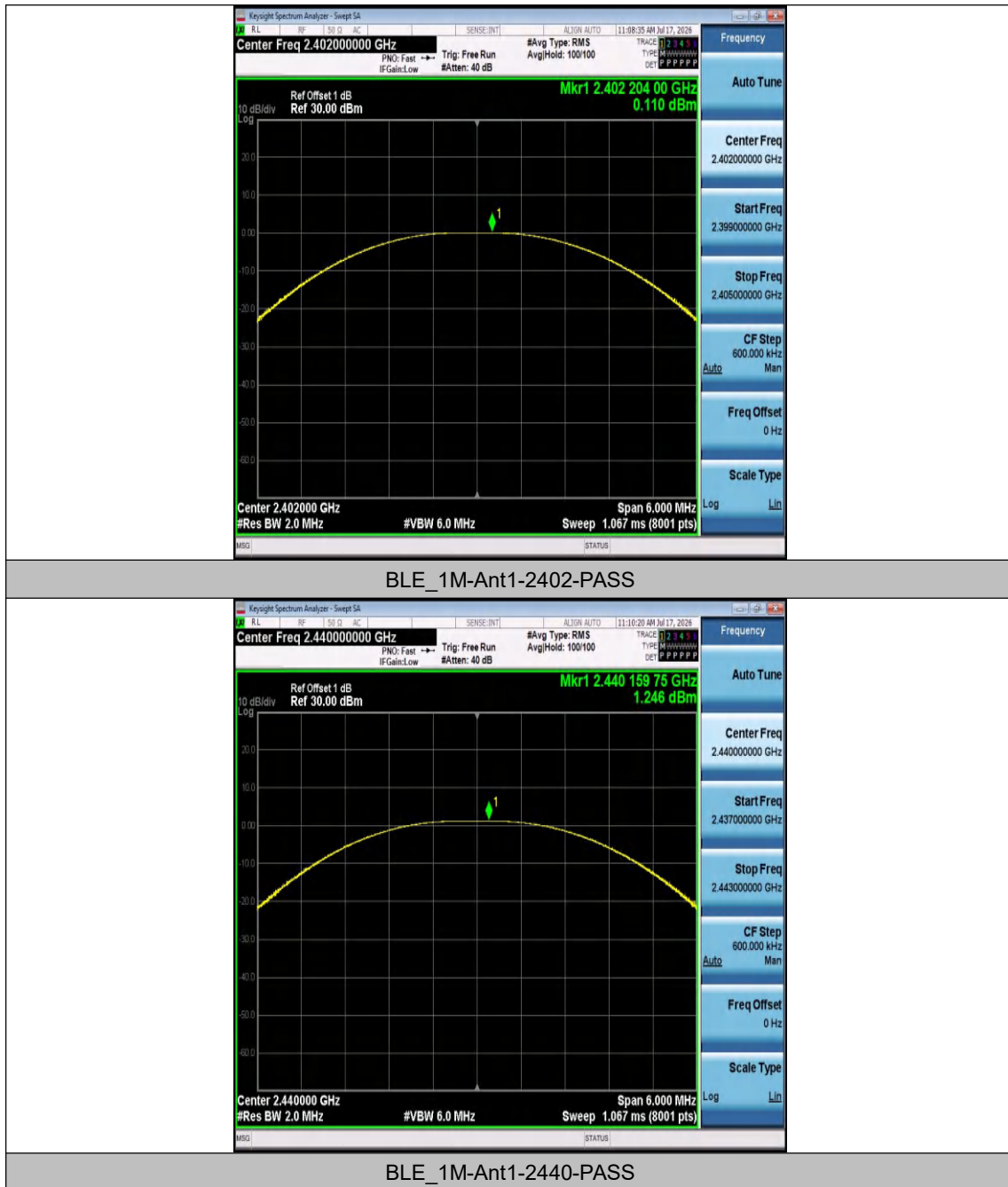
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## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402            | 0.11                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440            | 1.25                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480            | <b>2.15</b>               | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2402            | 0.13                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2440            | 1.25                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2480            | 2.15                      | ≤30                  | PASS    |

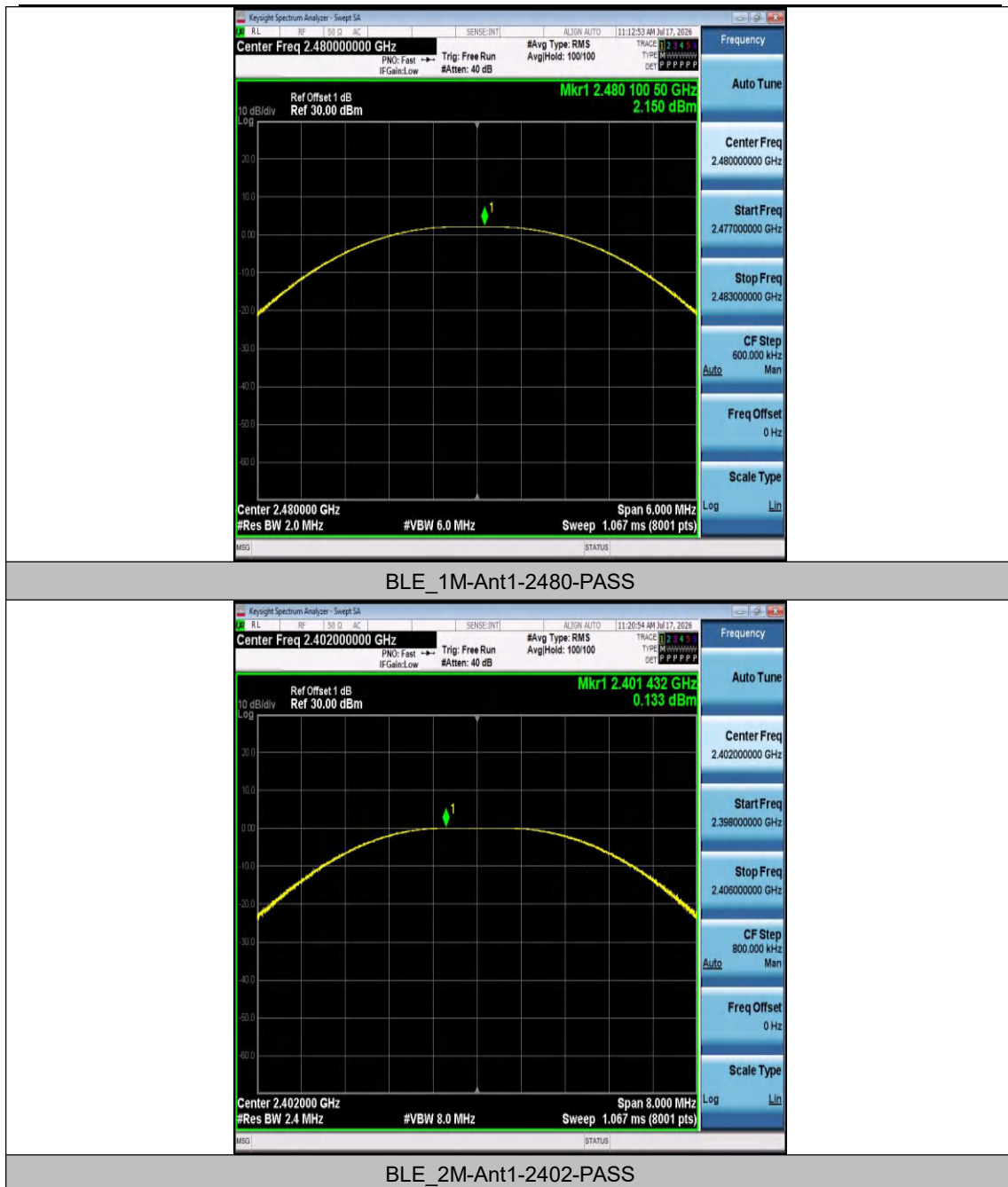
## Test Graphs Peak



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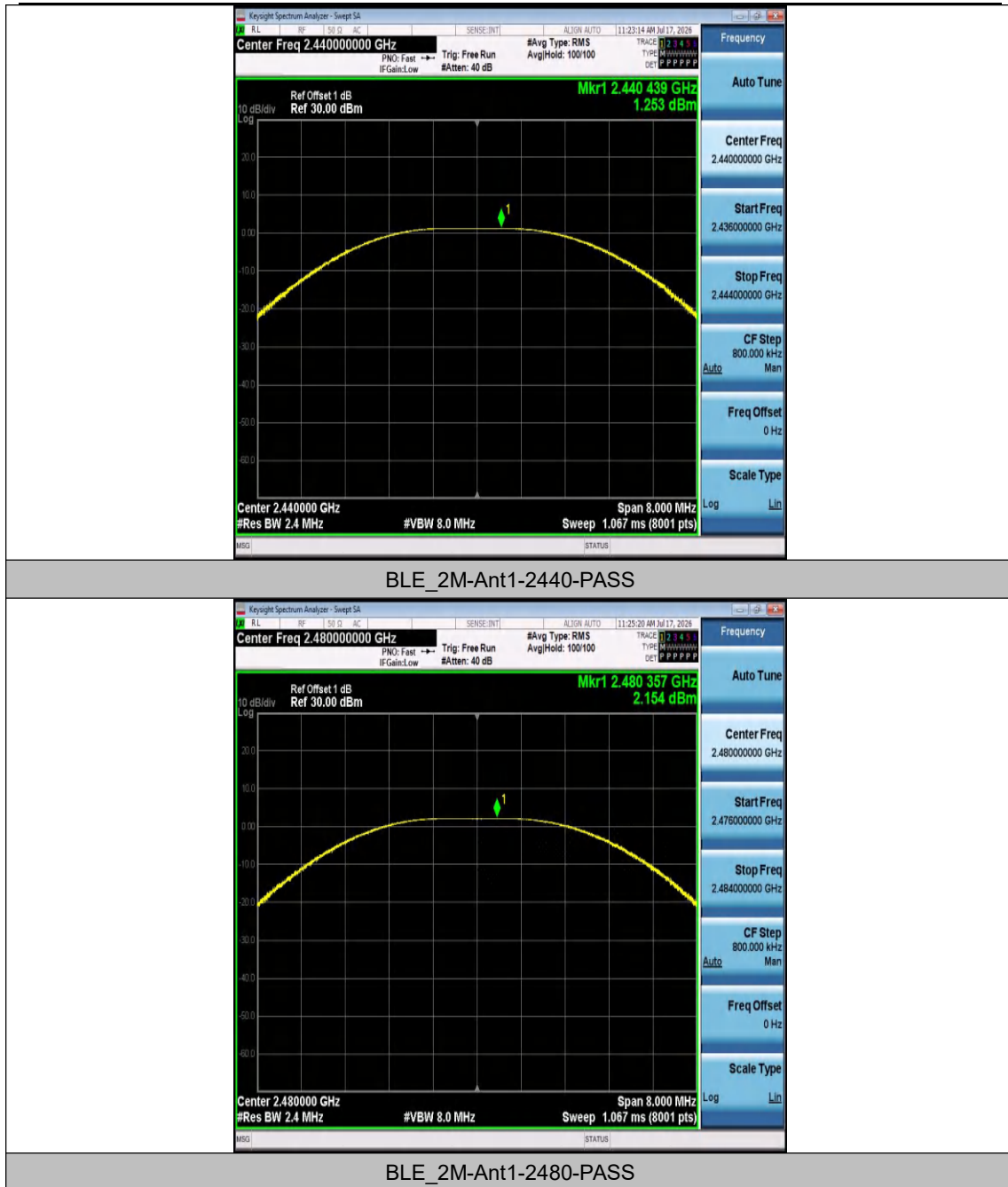
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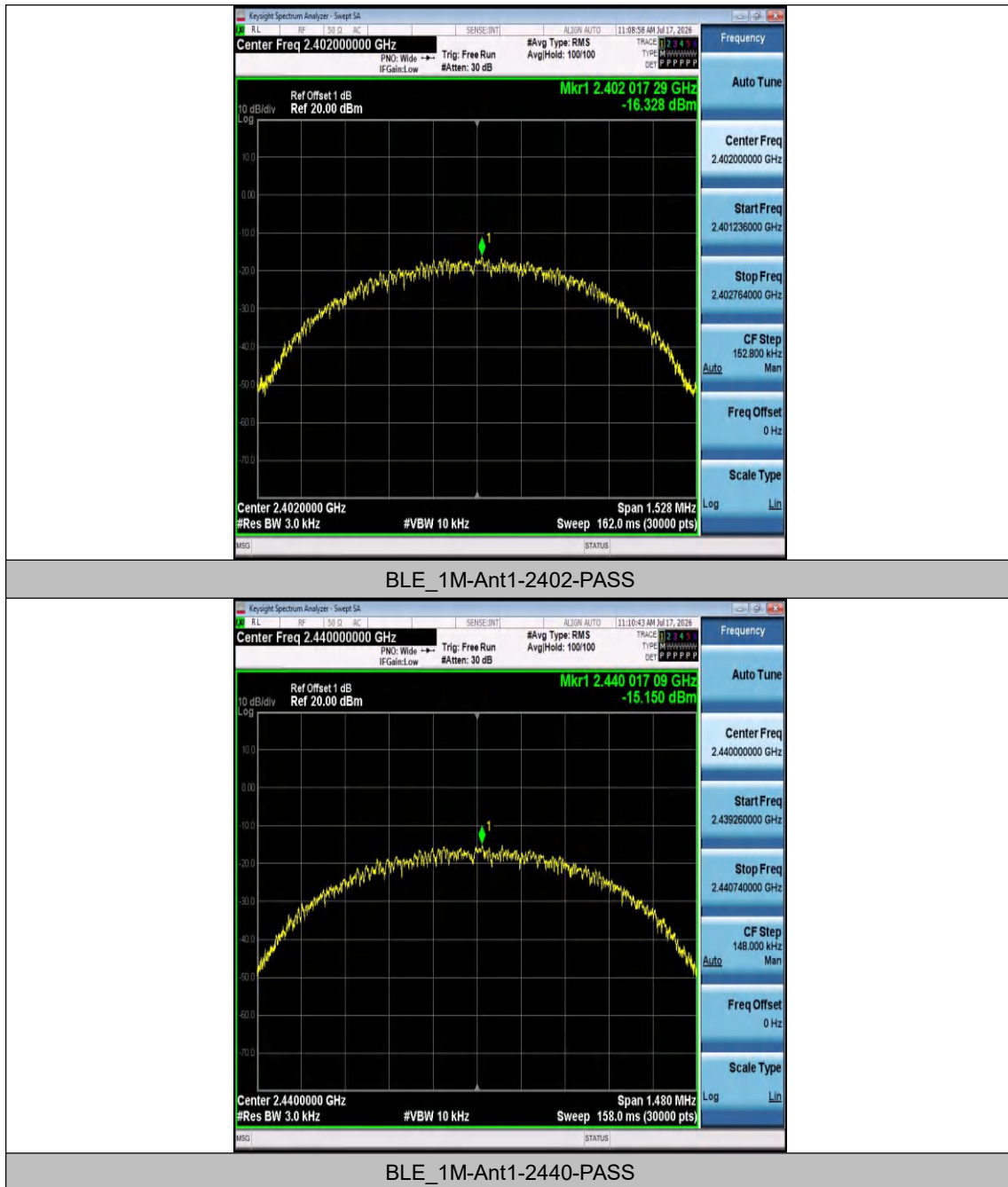
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## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -16.33           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -15.15           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -14.37           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -17.08           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -16.01           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -15.13           | ≤8.00           | PASS    |

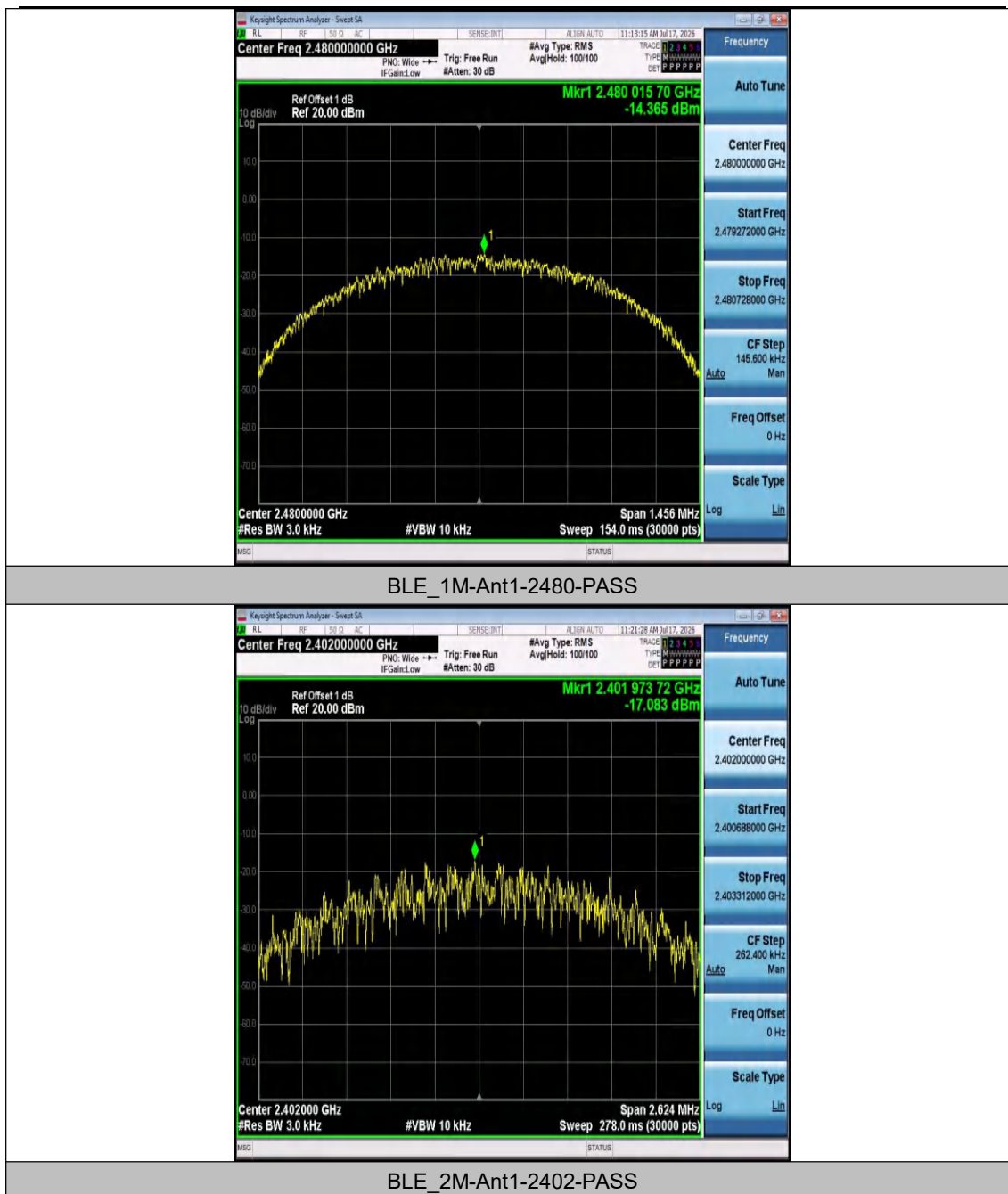
## Test Graphs



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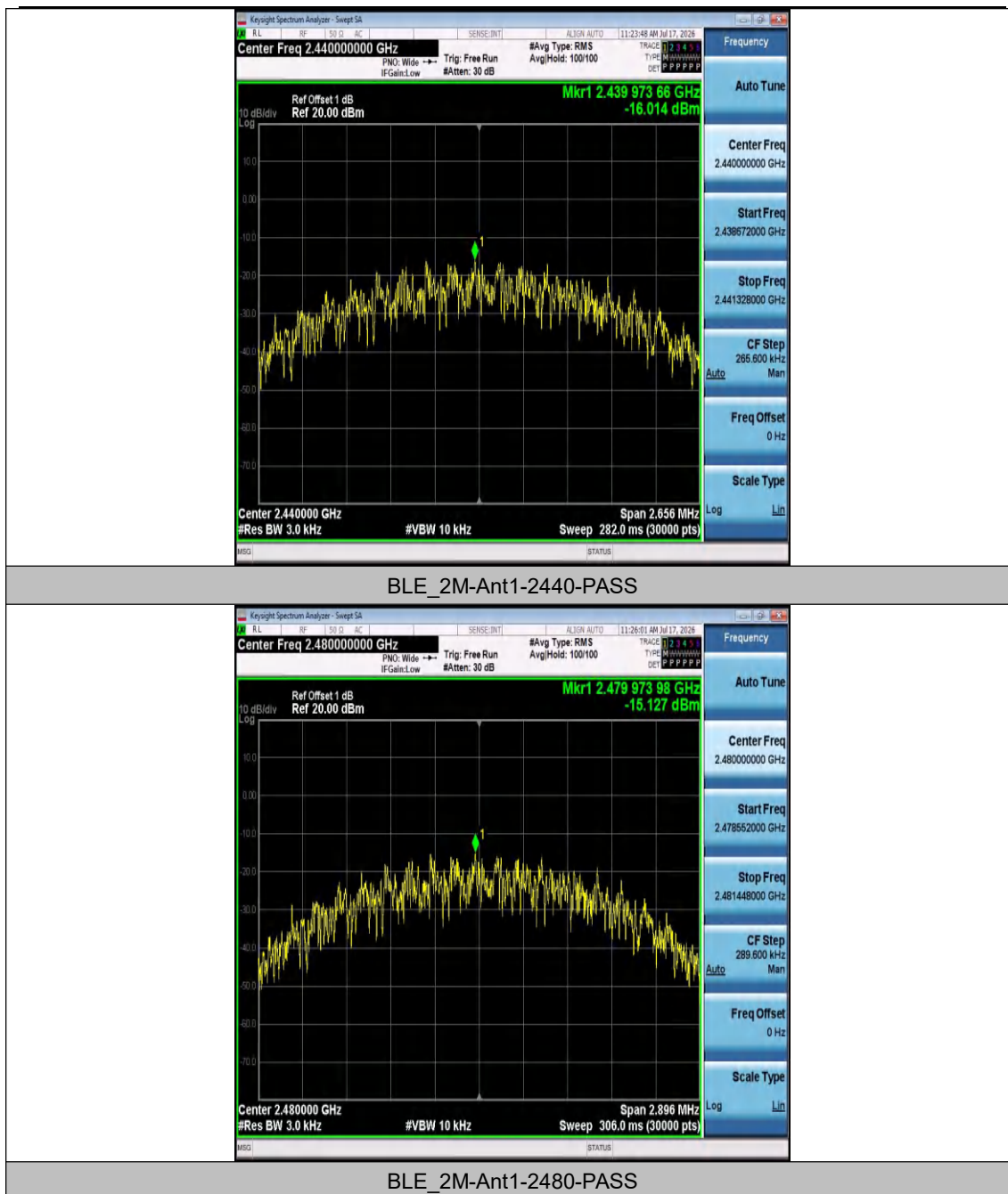
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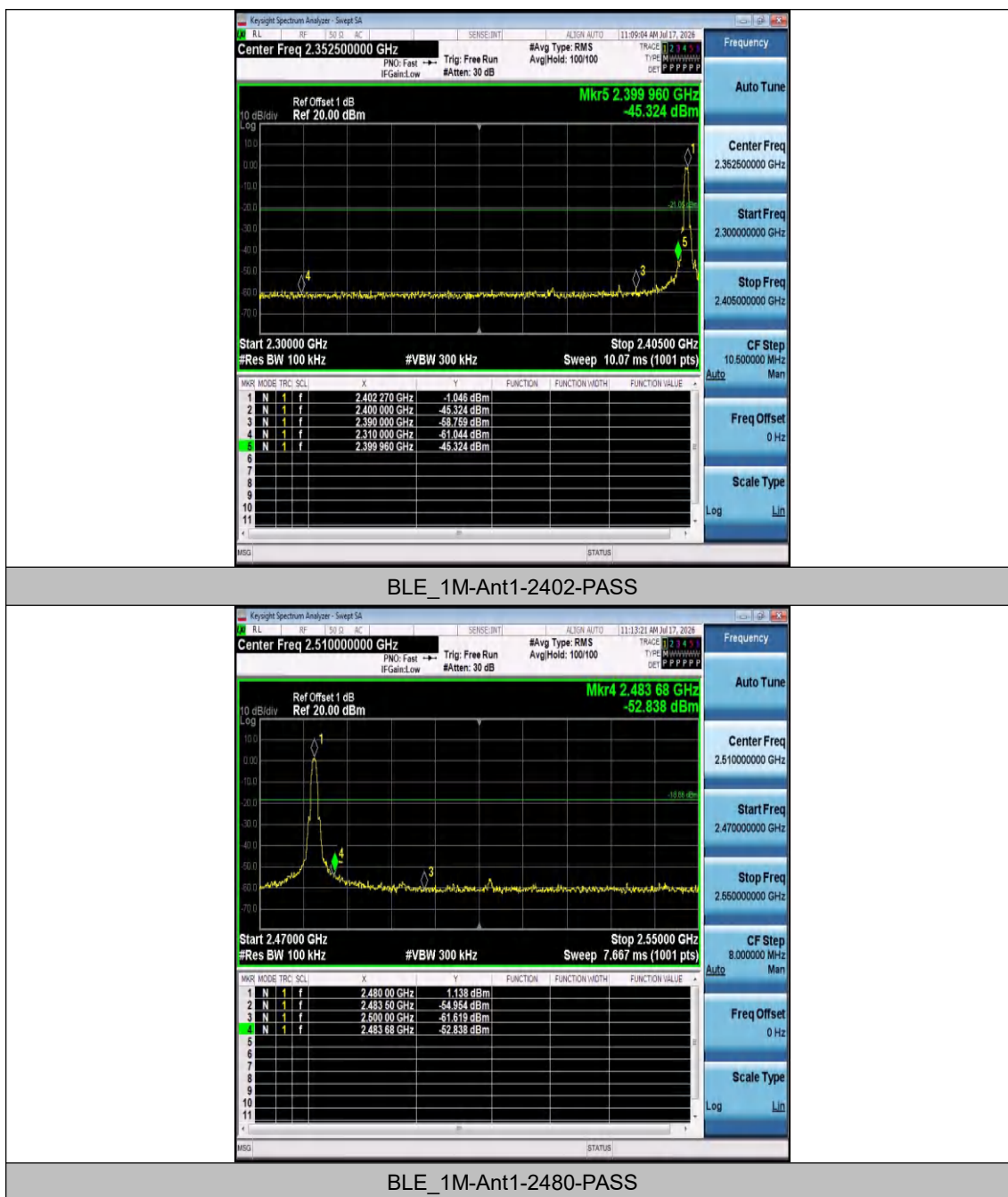
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## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | Low    | 2402            | -1.05          | -45.32       | ≤-21.05     | PASS    |
| BLE_1M    | Ant1    | High   | 2480            | 1.14           | -52.84       | ≤-18.86     | PASS    |
| BLE_2M    | Ant1    | Low    | 2402            | -2.59          | -30.31       | ≤-22.59     | PASS    |
| BLE_2M    | Ant1    | High   | 2480            | -0.61          | -50.95       | ≤-20.61     | PASS    |

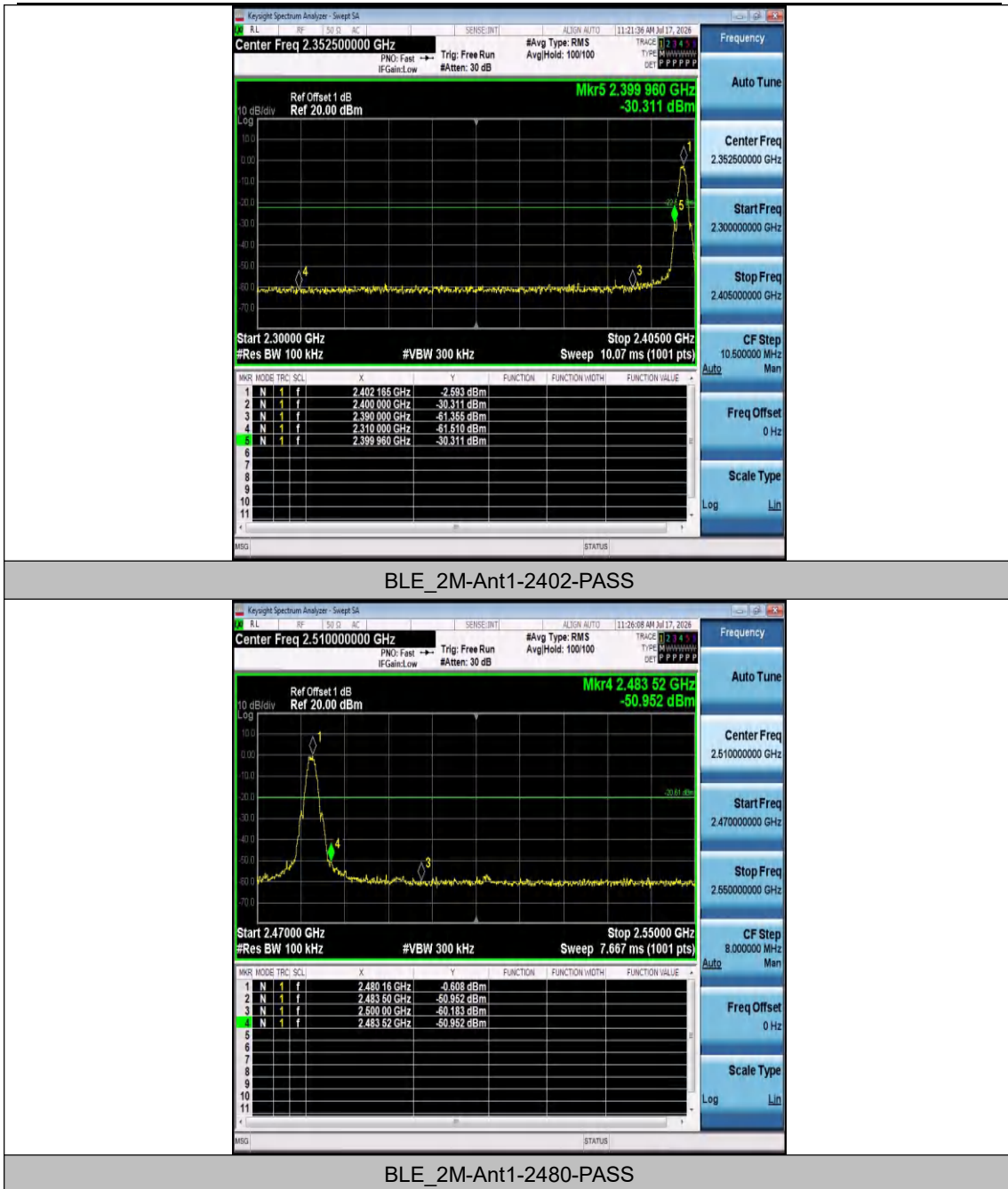
## Test Graphs



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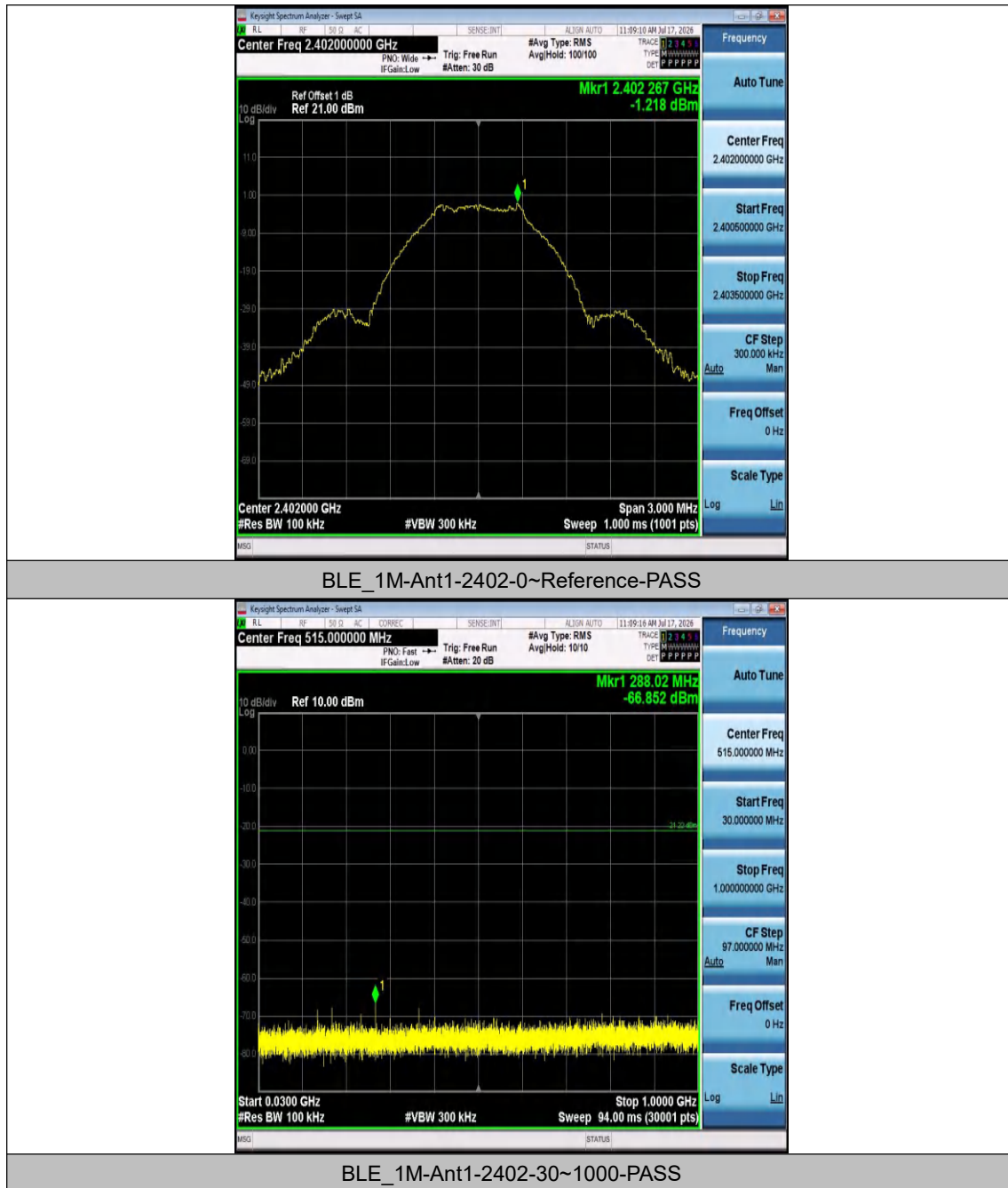
## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | 2402            | 0~Reference       | -1.22            | -1.22        | ---         | PASS    |
| BLE_1M    | Ant1    | 2402            | 30~1000           | -1.22            | -66.85       | ≤-21.22     | PASS    |
| BLE_1M    | Ant1    | 2402            | 1000~26500        | -1.22            | -25.13       | ≤-21.22     | PASS    |
| BLE_1M    | Ant1    | 2440            | 0~Reference       | 0.29             | 0.29         | ---         | PASS    |
| BLE_1M    | Ant1    | 2440            | 30~1000           | 0.29             | -67.01       | ≤-19.71     | PASS    |
| BLE_1M    | Ant1    | 2440            | 1000~26500        | 0.29             | -23.15       | ≤-19.71     | PASS    |
| BLE_1M    | Ant1    | 2480            | 0~Reference       | 1.17             | 1.17         | ---         | PASS    |
| BLE_1M    | Ant1    | 2480            | 30~1000           | 1.17             | -67.5        | ≤-18.83     | PASS    |
| BLE_1M    | Ant1    | 2480            | 1000~26500        | 1.17             | -23.3        | ≤-18.83     | PASS    |
| BLE_2M    | Ant1    | 2402            | 0~Reference       | -2.90            | -2.90        | ---         | PASS    |
| BLE_2M    | Ant1    | 2402            | 30~1000           | -2.90            | -66.96       | ≤-22.9      | PASS    |
| BLE_2M    | Ant1    | 2402            | 1000~26500        | -2.90            | -26.58       | ≤-22.9      | PASS    |
| BLE_2M    | Ant1    | 2440            | 0~Reference       | -1.73            | -1.73        | ---         | PASS    |
| BLE_2M    | Ant1    | 2440            | 30~1000           | -1.73            | -67.96       | ≤-21.73     | PASS    |
| BLE_2M    | Ant1    | 2440            | 1000~26500        | -1.73            | -26.17       | ≤-21.73     | PASS    |
| BLE_2M    | Ant1    | 2480            | 0~Reference       | -1.22            | -1.22        | ---         | PASS    |
| BLE_2M    | Ant1    | 2480            | 30~1000           | -1.22            | -67.52       | ≤-21.22     | PASS    |
| BLE_2M    | Ant1    | 2480            | 1000~26500        | -1.22            | -22.94       | ≤-21.22     | 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.

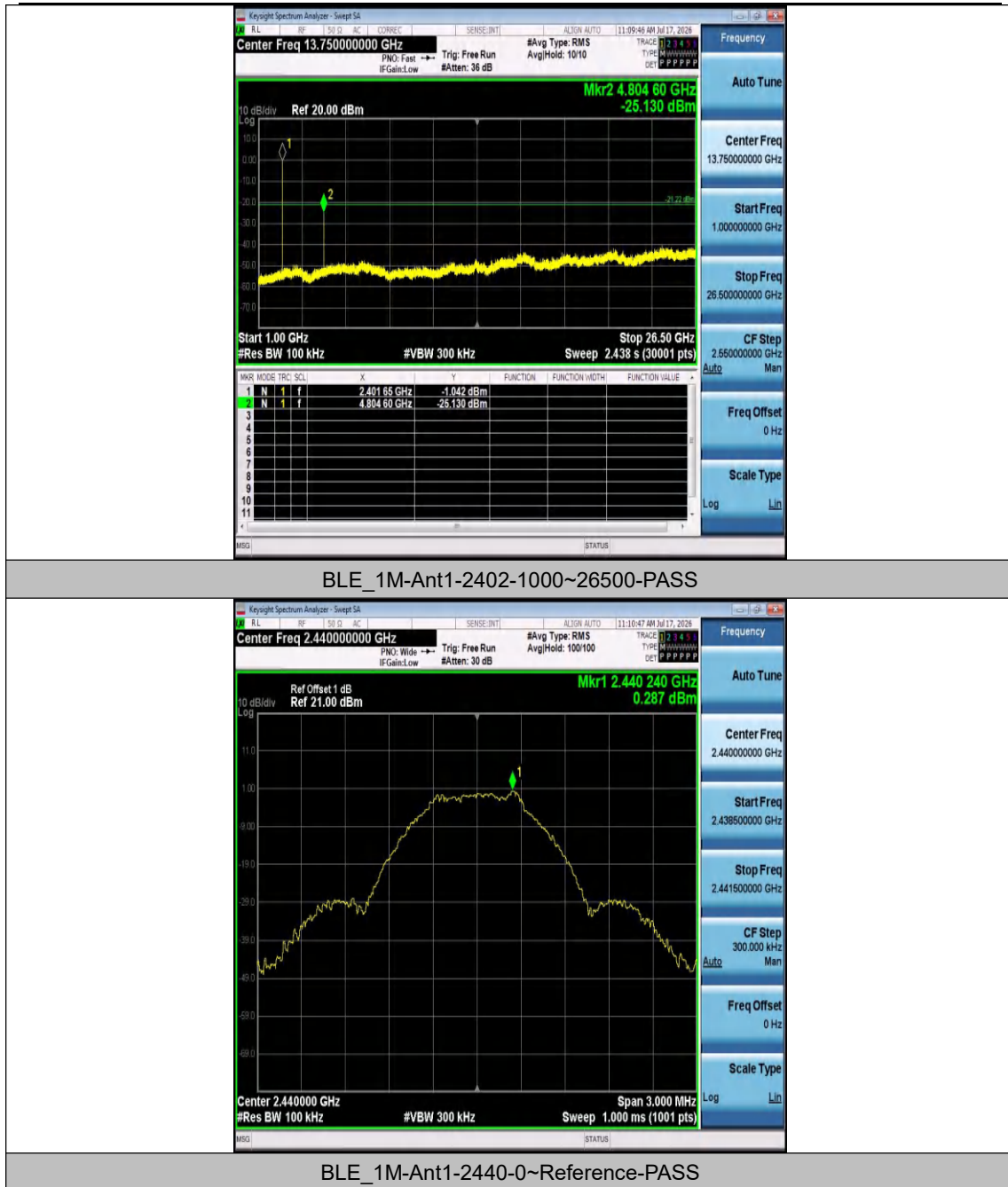
## Test Graphs



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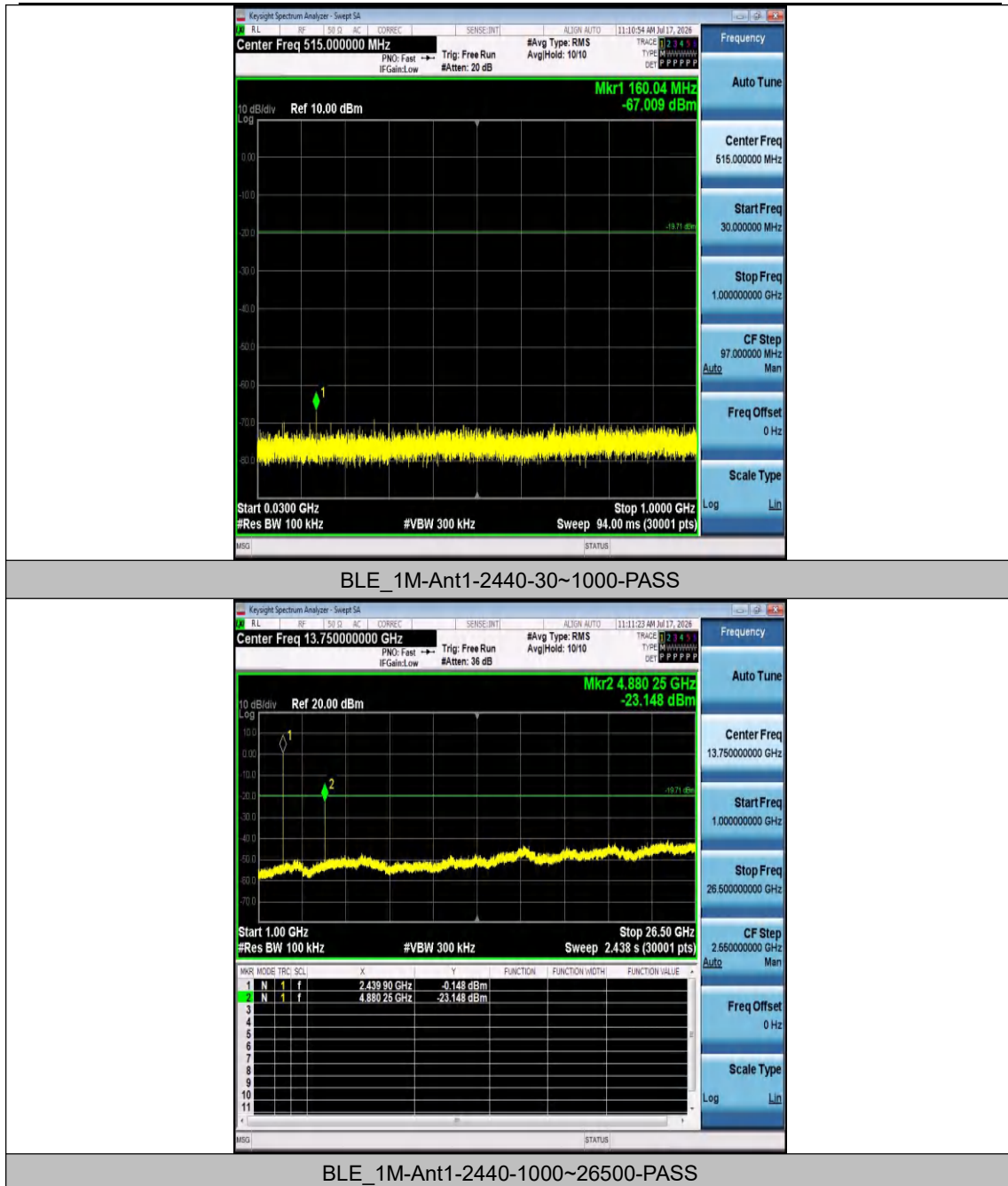
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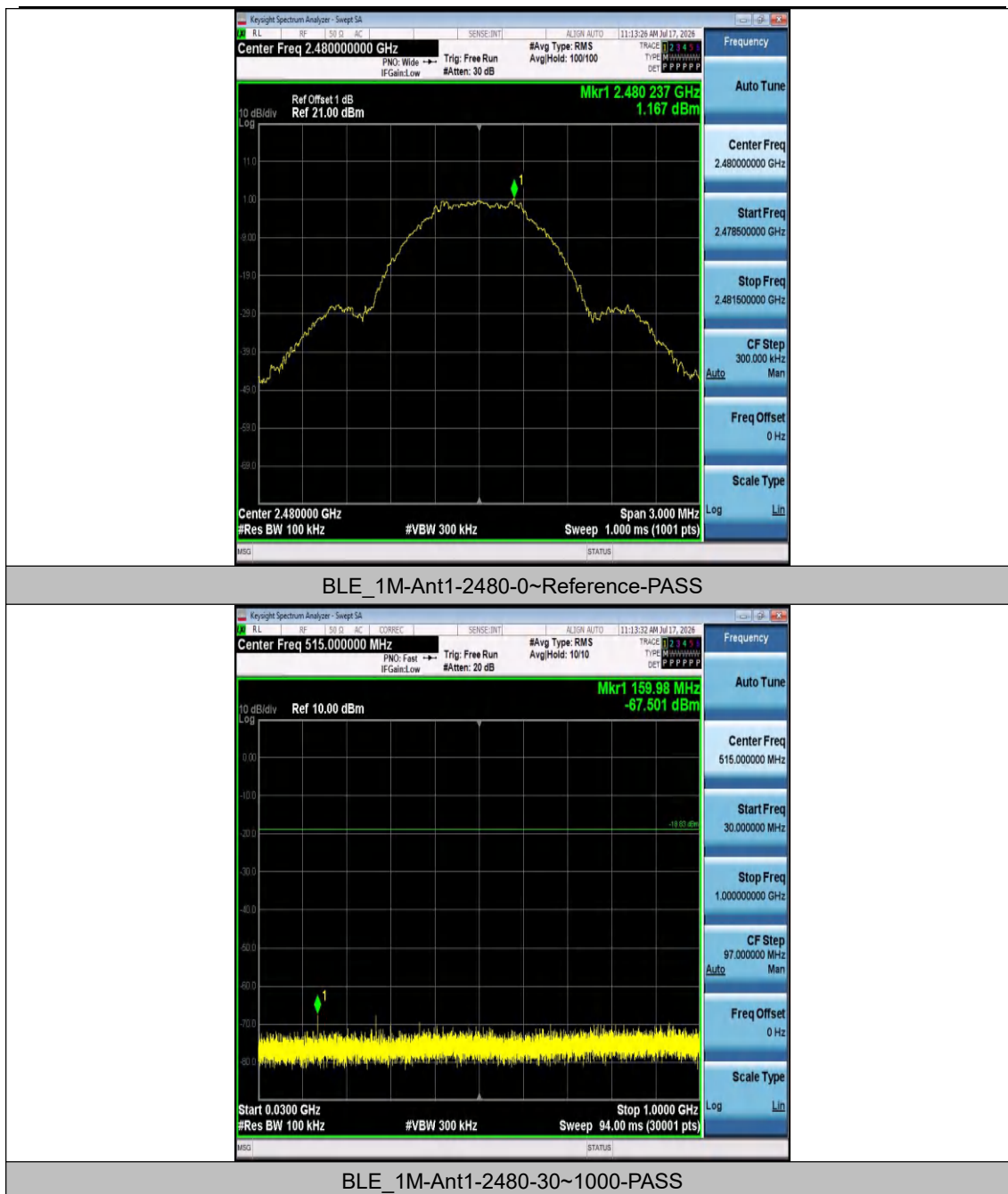
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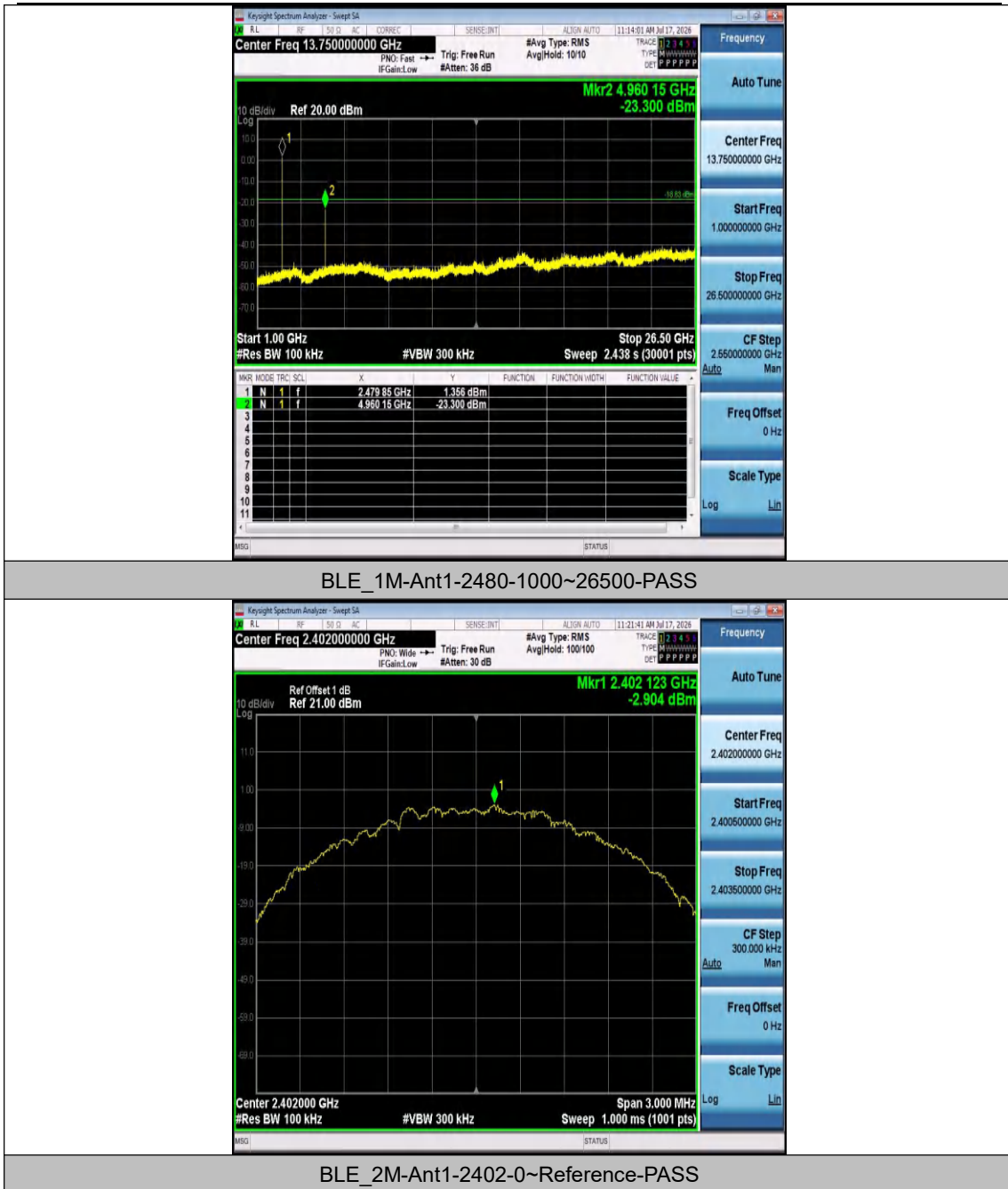
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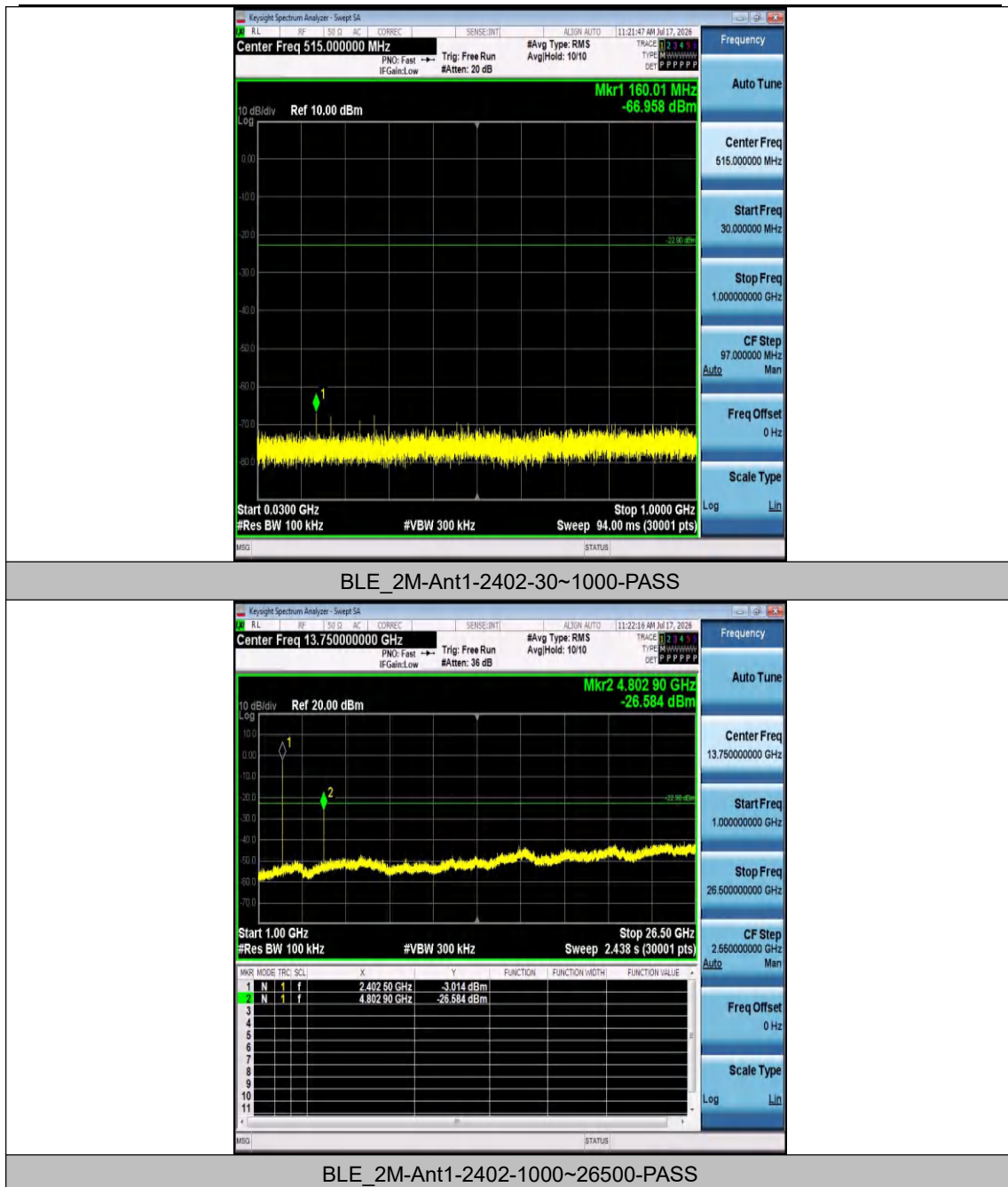
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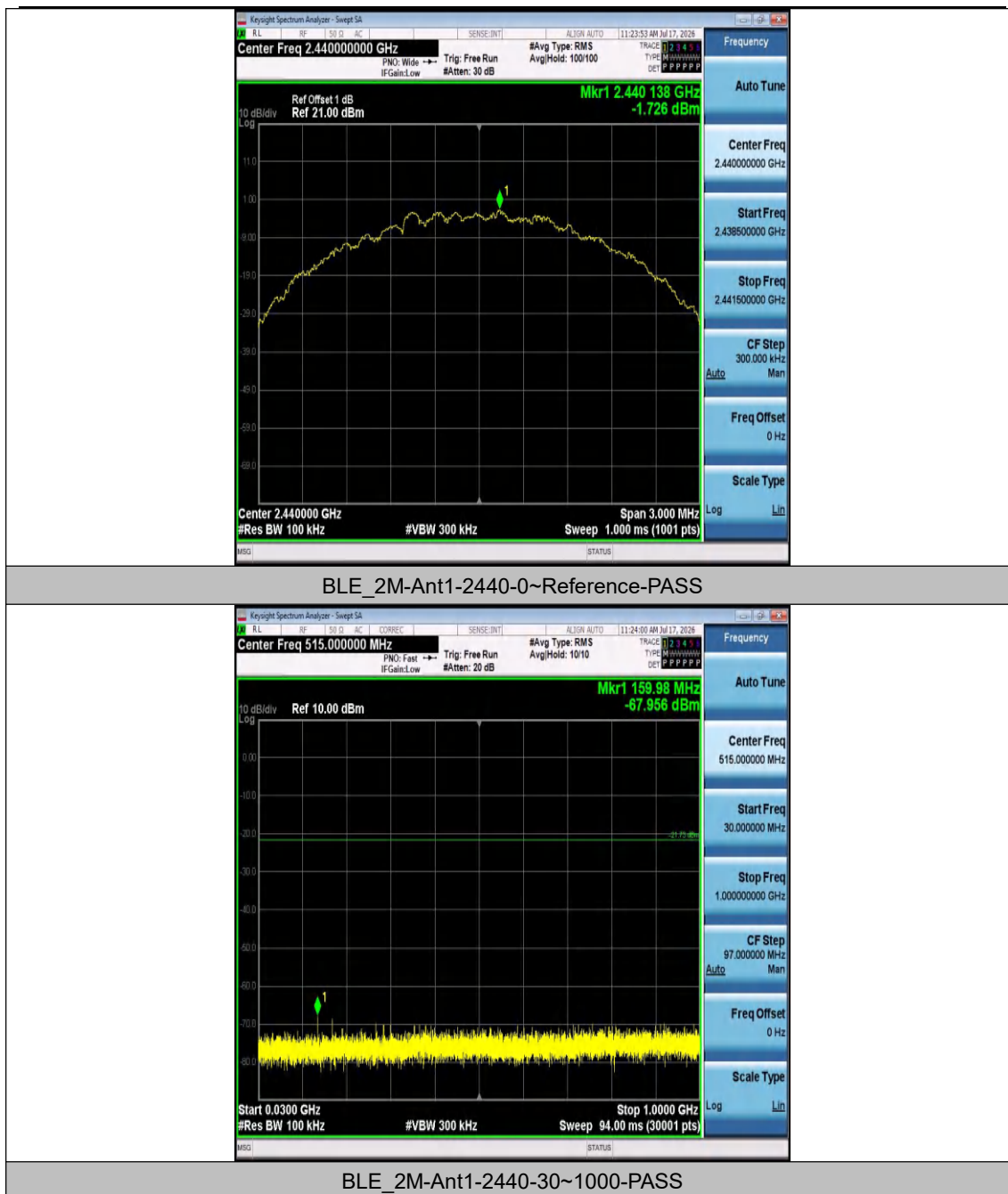
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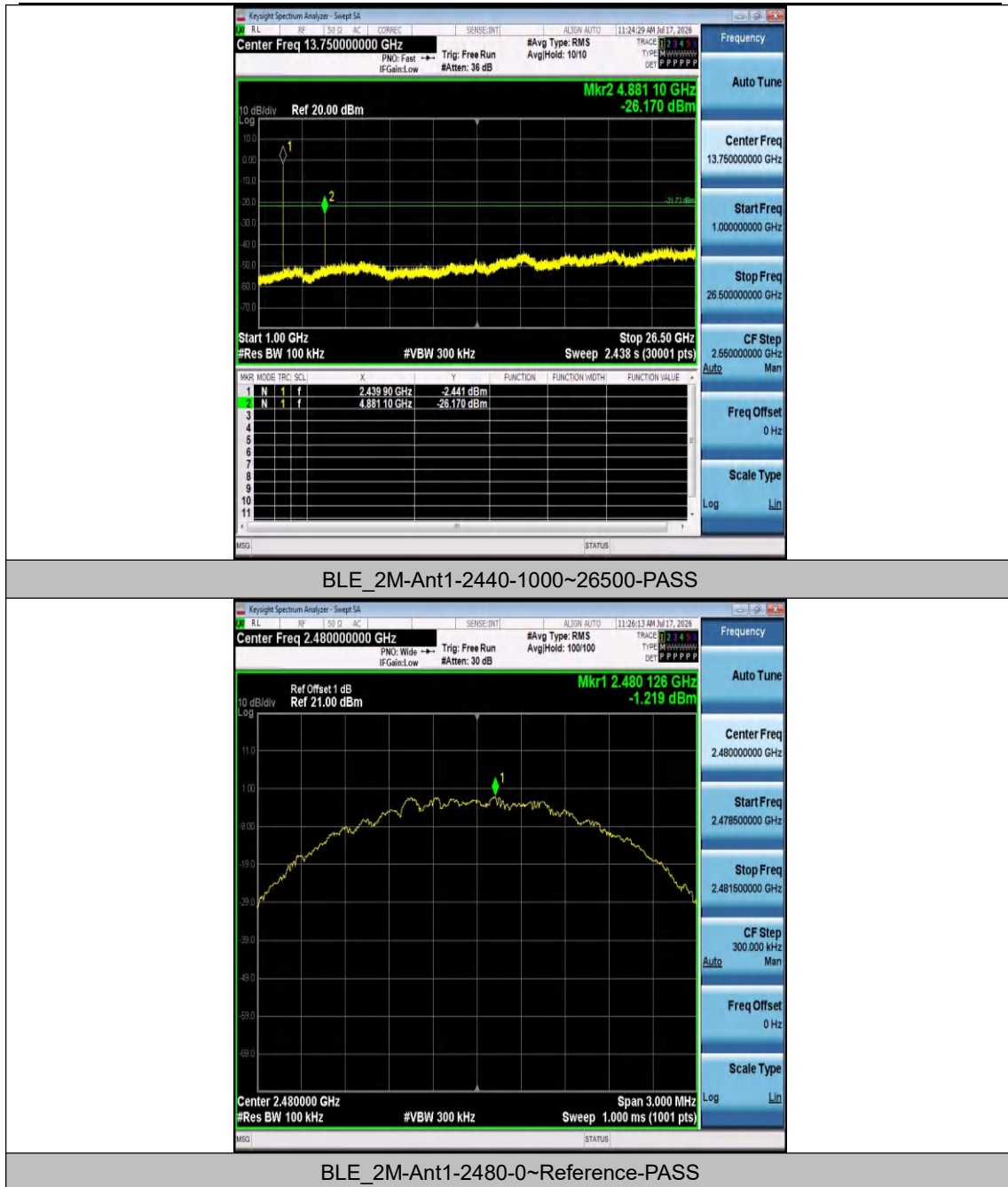
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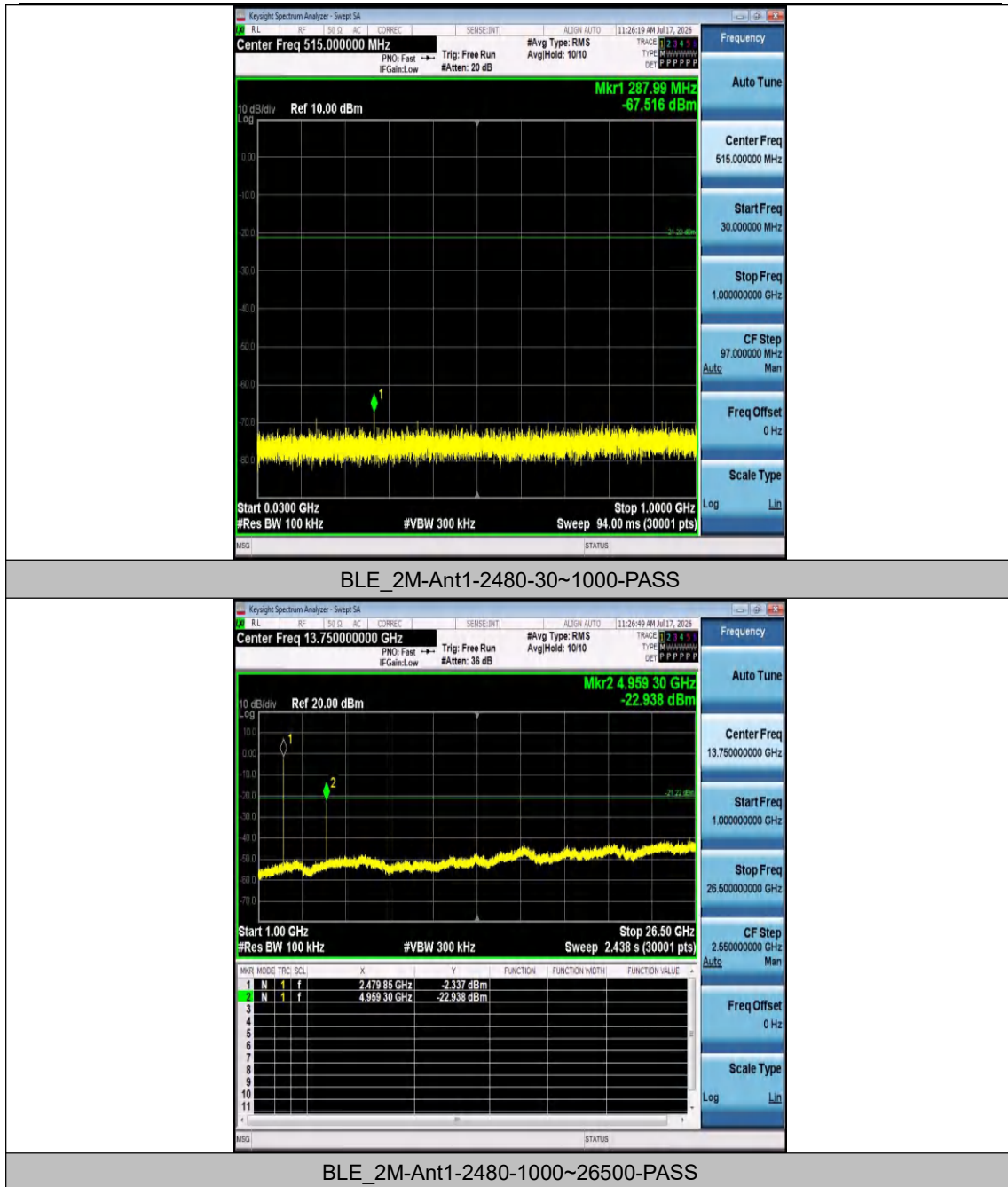
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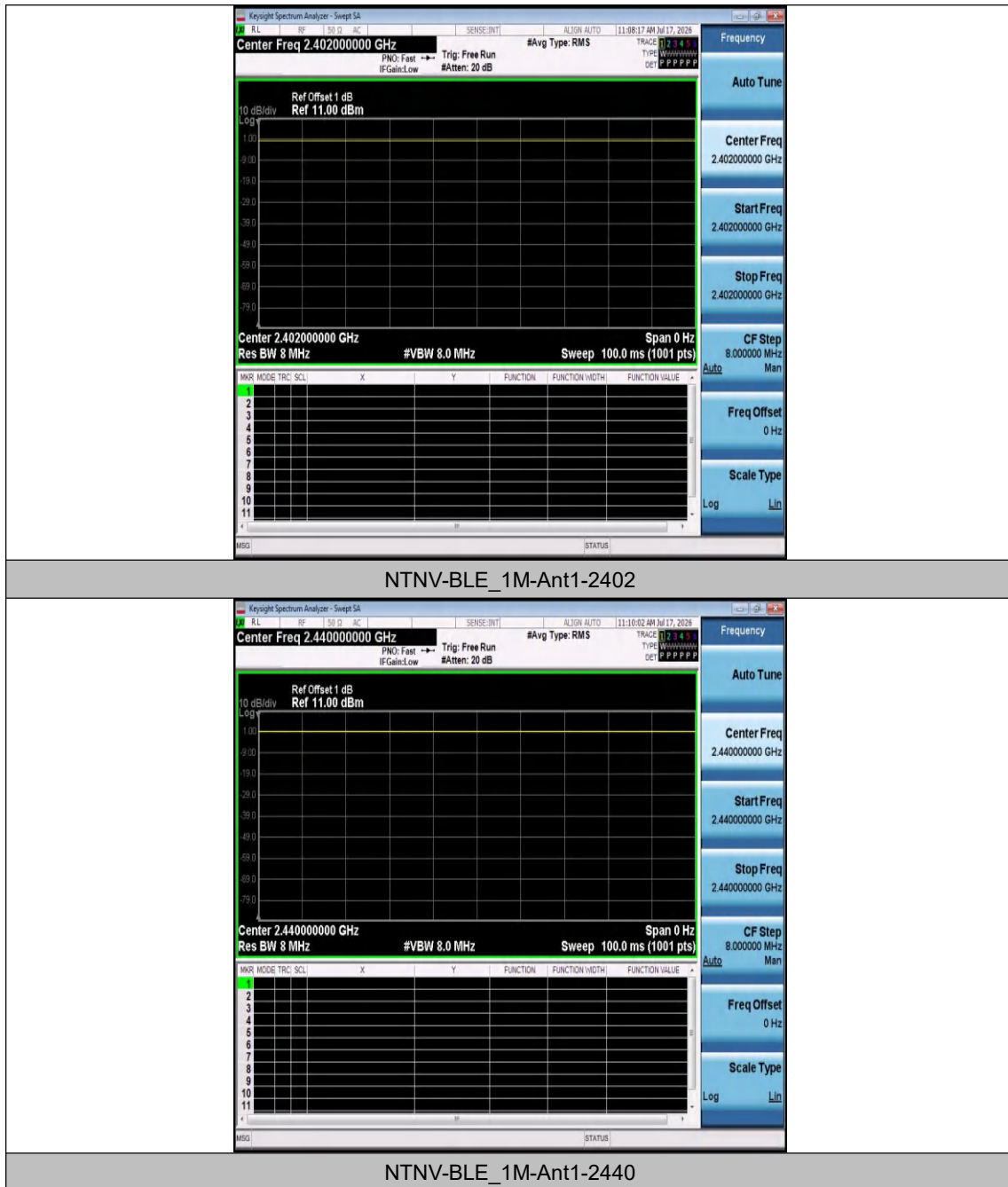
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## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>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                     |
| BLE_2M    | Ant1    | 2402               | 100.00          | 100.00         | 100.00            | 0.00                     |
| BLE_2M    | Ant1    | 2440               | 100.00          | 100.00         | 100.00            | 0.00                     |
| BLE_2M    | Ant1    | 2480               | 100.00          | 100.00         | 100.00            | 0.00                     |

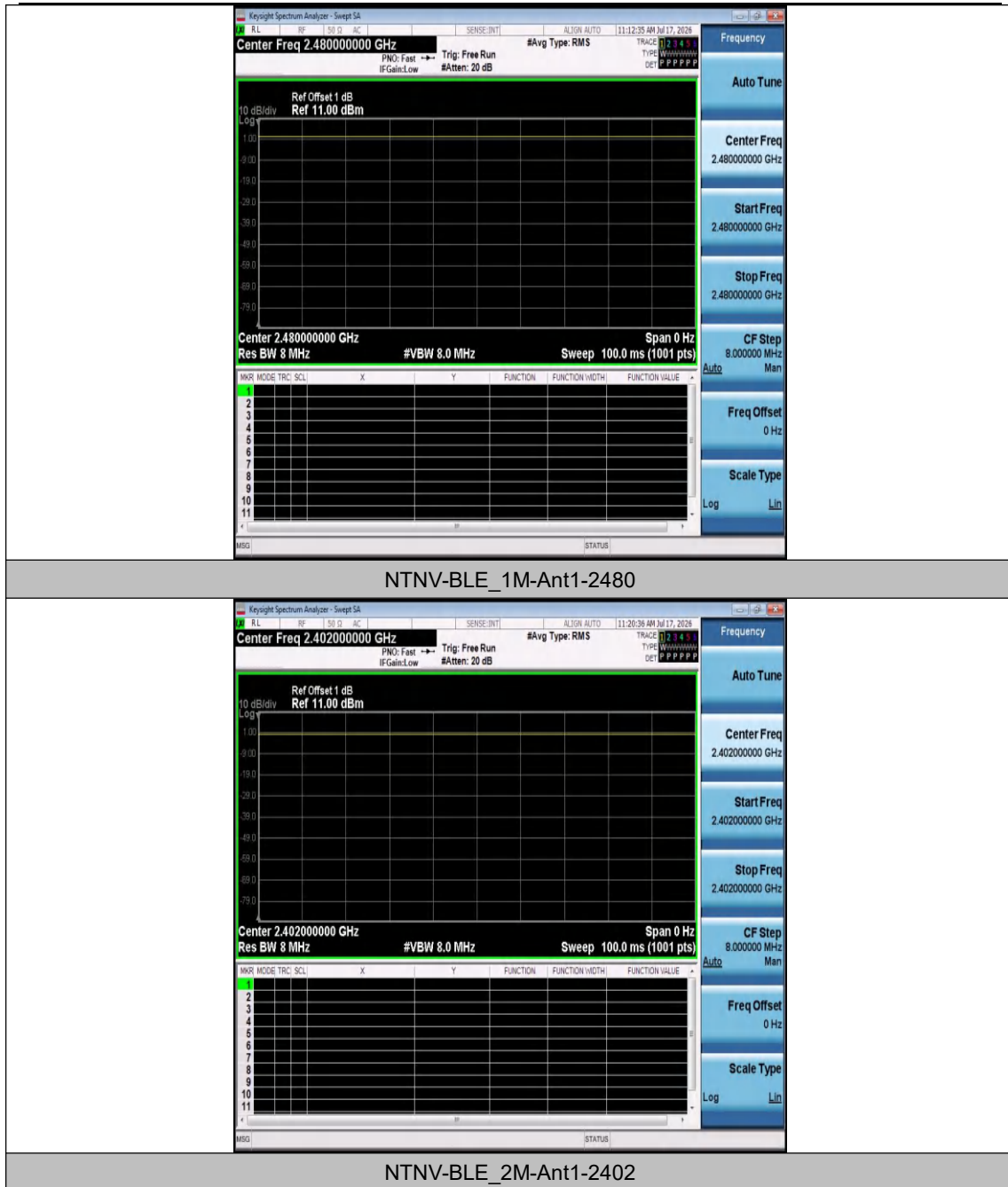
## Test Graphs



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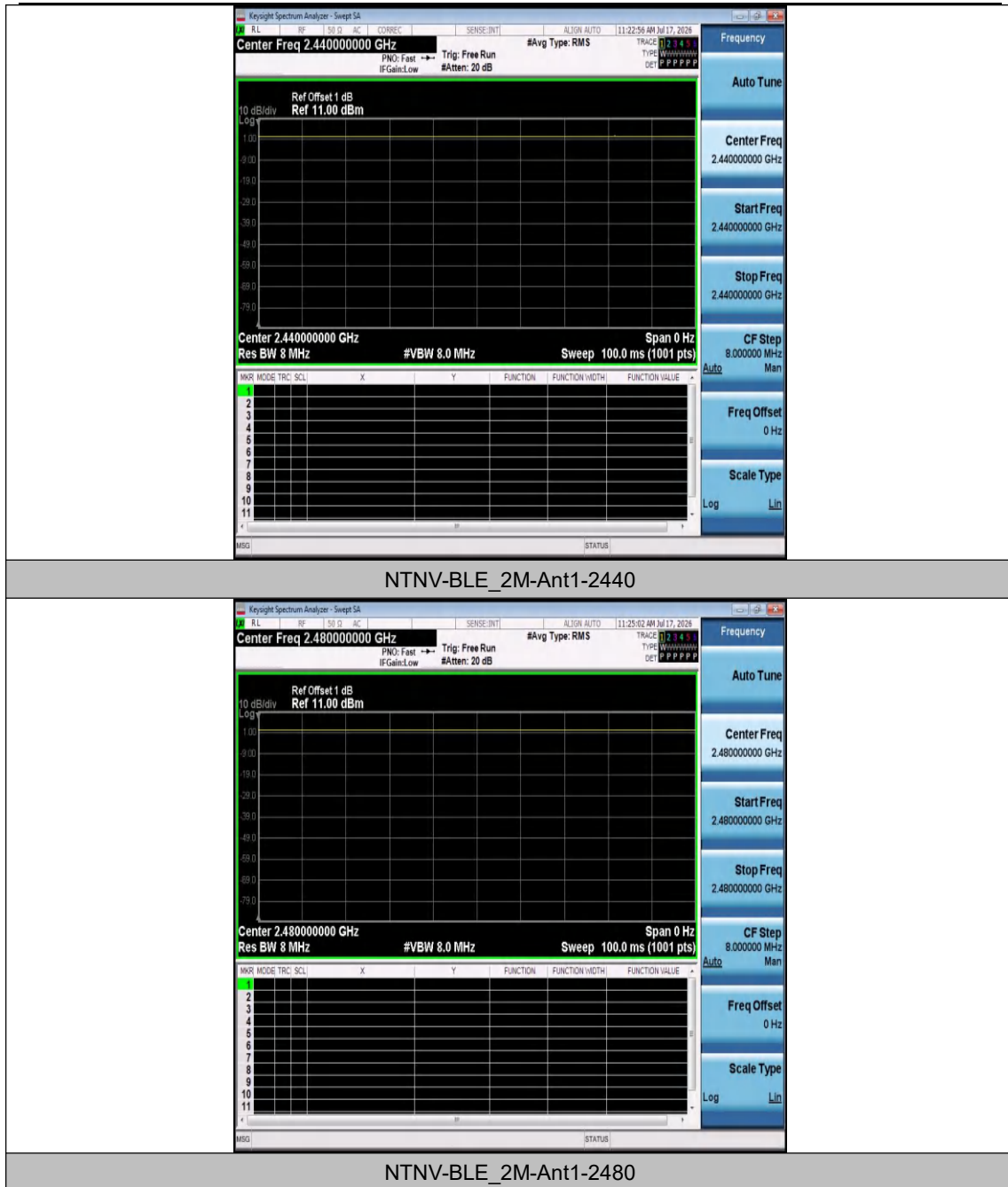
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