

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1818C60041512501-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-4-15           | Finish Test Date:  | 2026-4-22   |
| Test Engineer:   | Huysen Guan         | Auditor:           | Justin Feng |
| Temperature:     | 23°C                | Relative Humidity: | 55%         |
| 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        | 2401.672 | 2402.344 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.696        | 2439.656 | 2440.352 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.688        | 2479.660 | 2480.348 | 0.5        | PASS    |

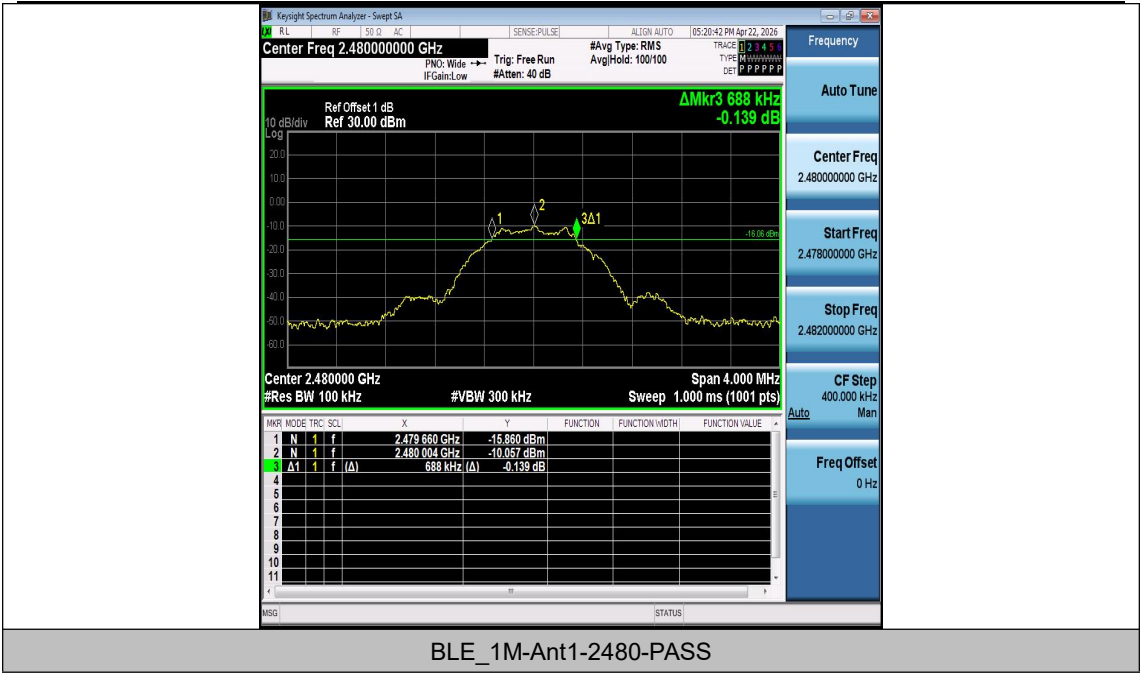
## Test Graphs



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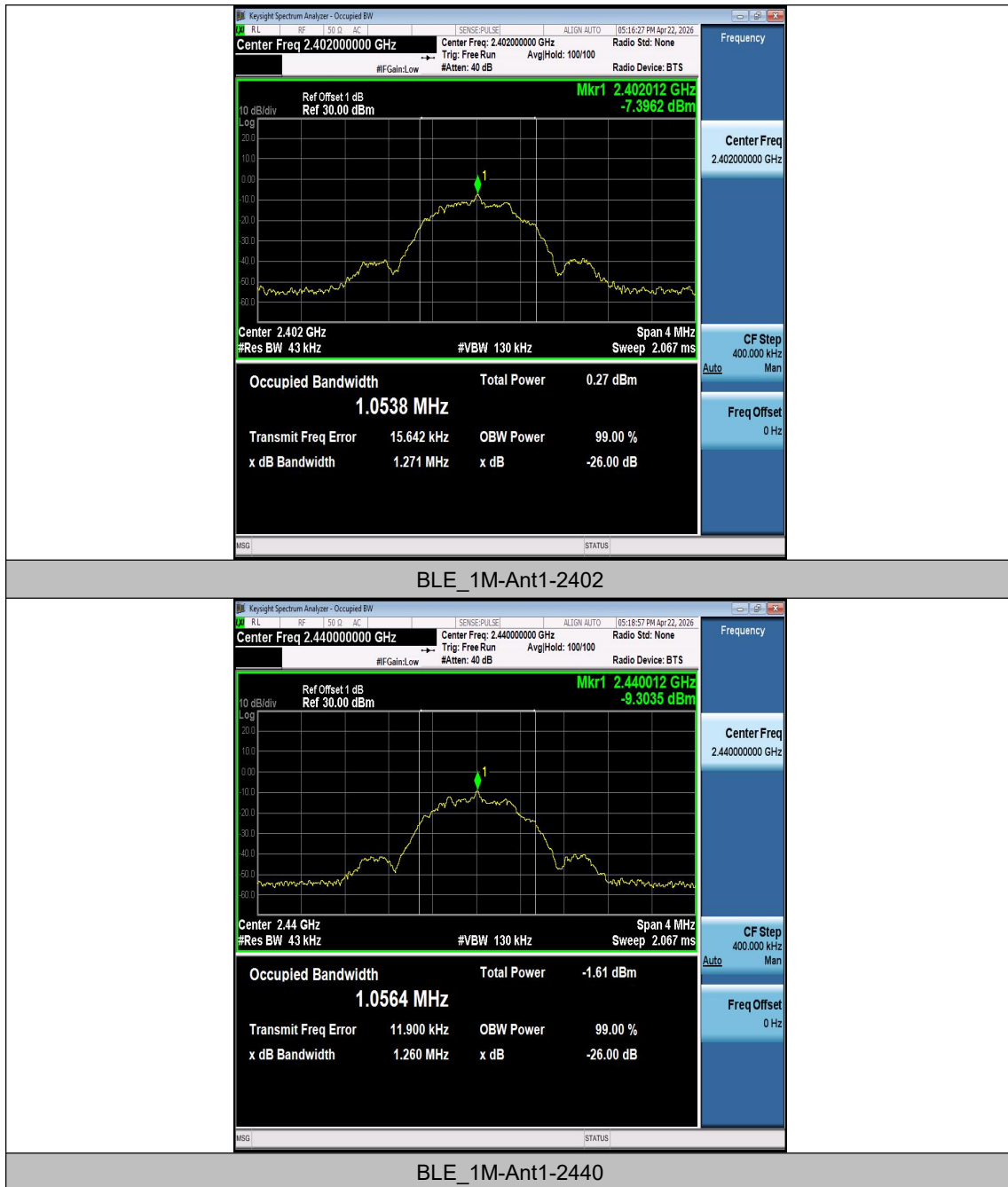
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## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 1.0538    | 2401.4887 | 2402.5425 | ---        | ---     |
| BLE_1M    | Ant1    | 2440           | 1.0564    | 2439.4837 | 2440.5401 | ---        | ---     |
| BLE_1M    | Ant1    | 2480           | 1.0622    | 2479.4790 | 2480.5412 | ---        | ---     |

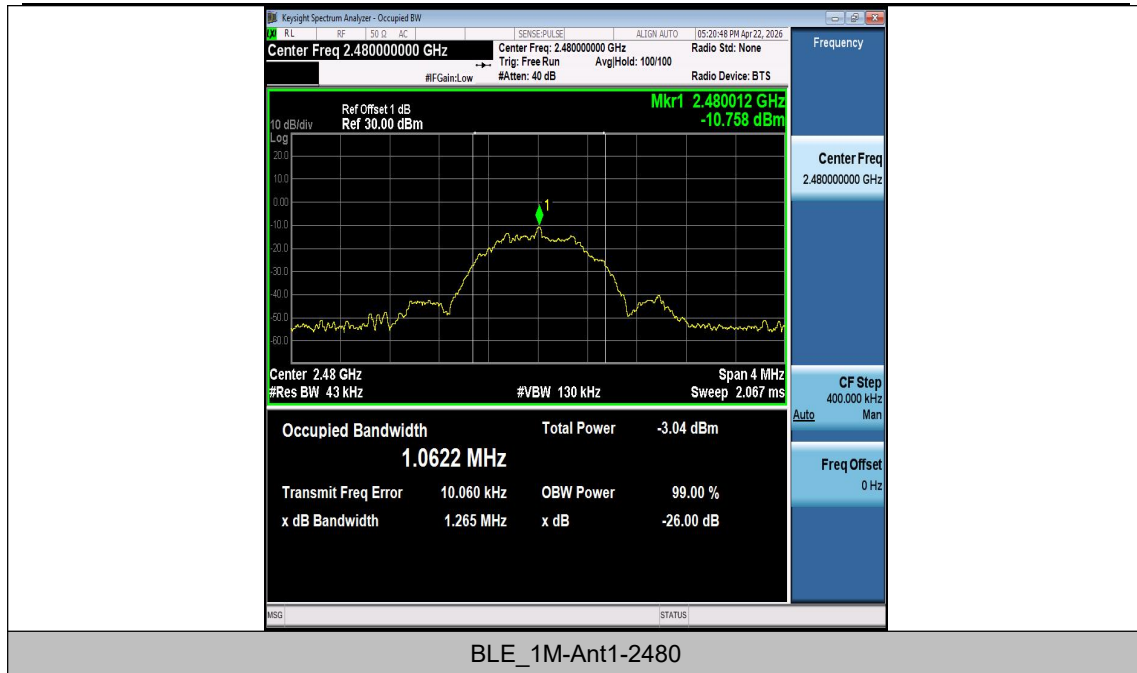
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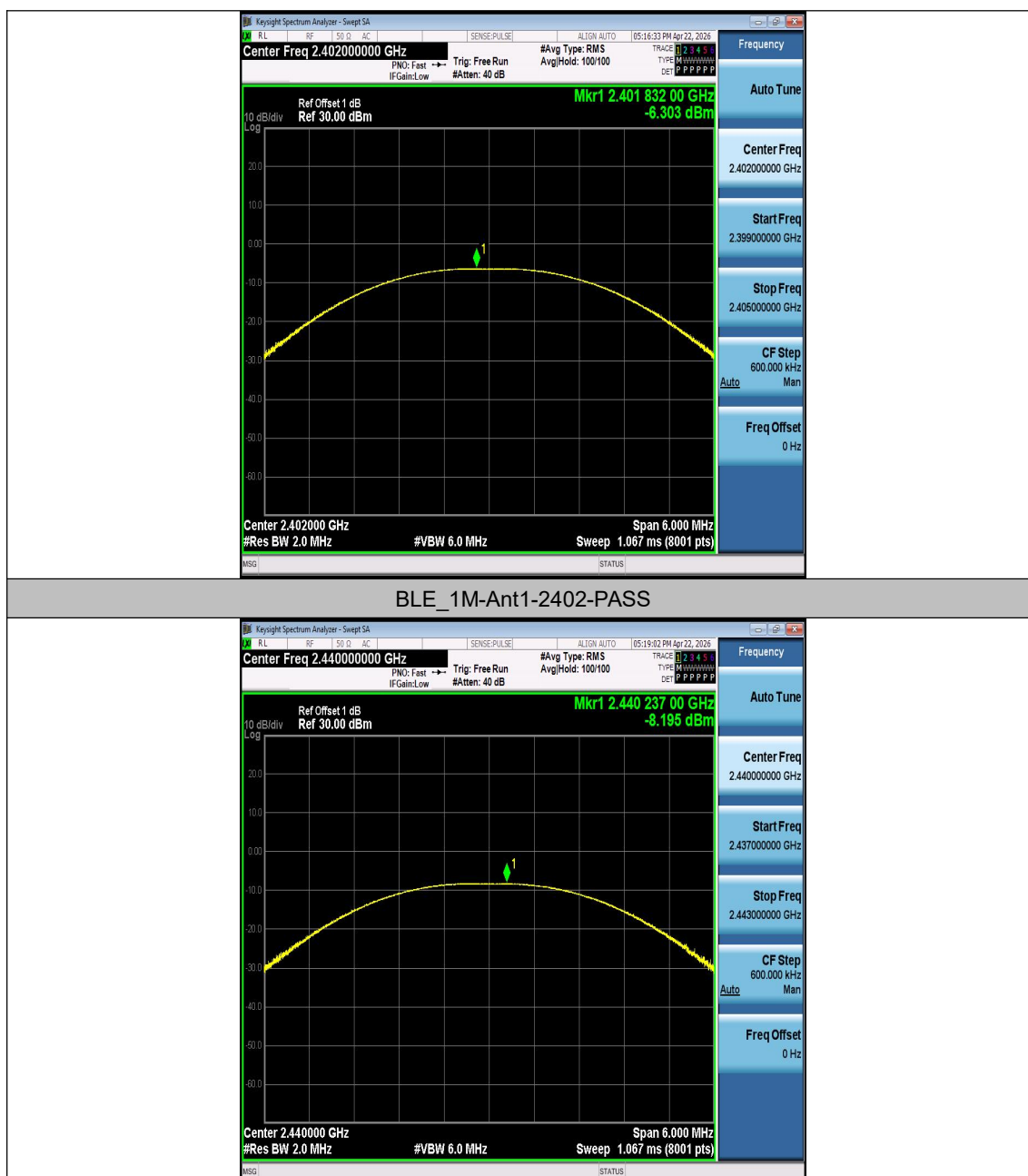
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## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402            | -6.30                     | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440            | -8.20                     | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480            | -9.58                     | ≤30                  | PASS    |

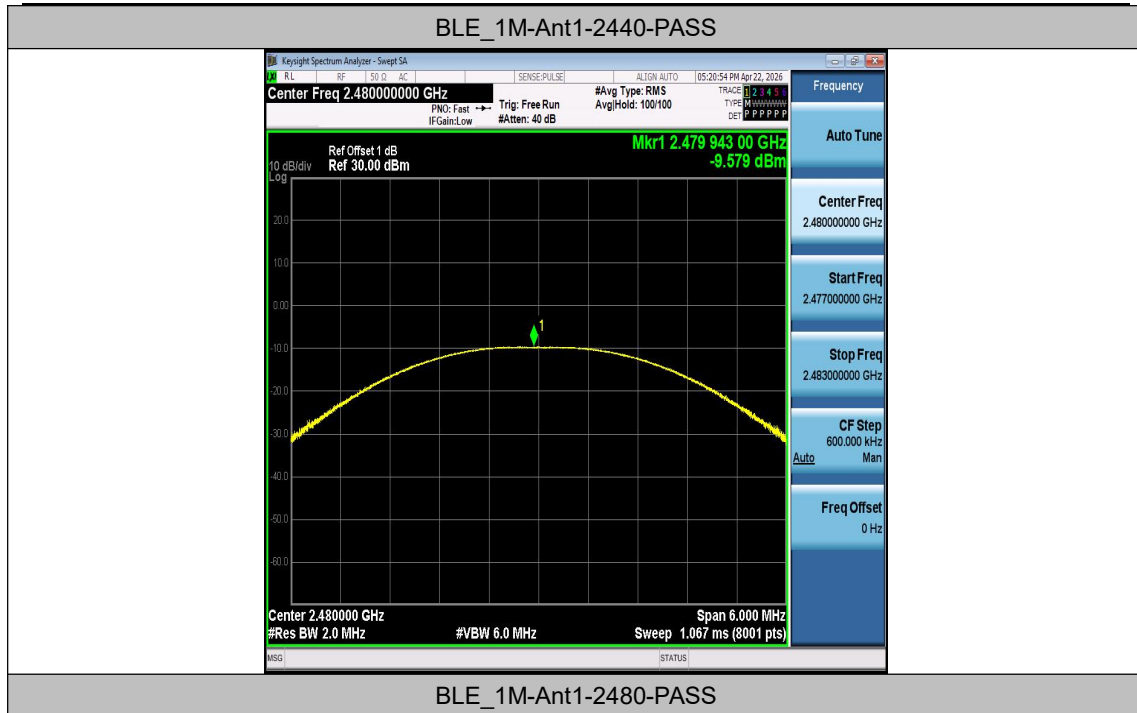
### Test Graphs Peak



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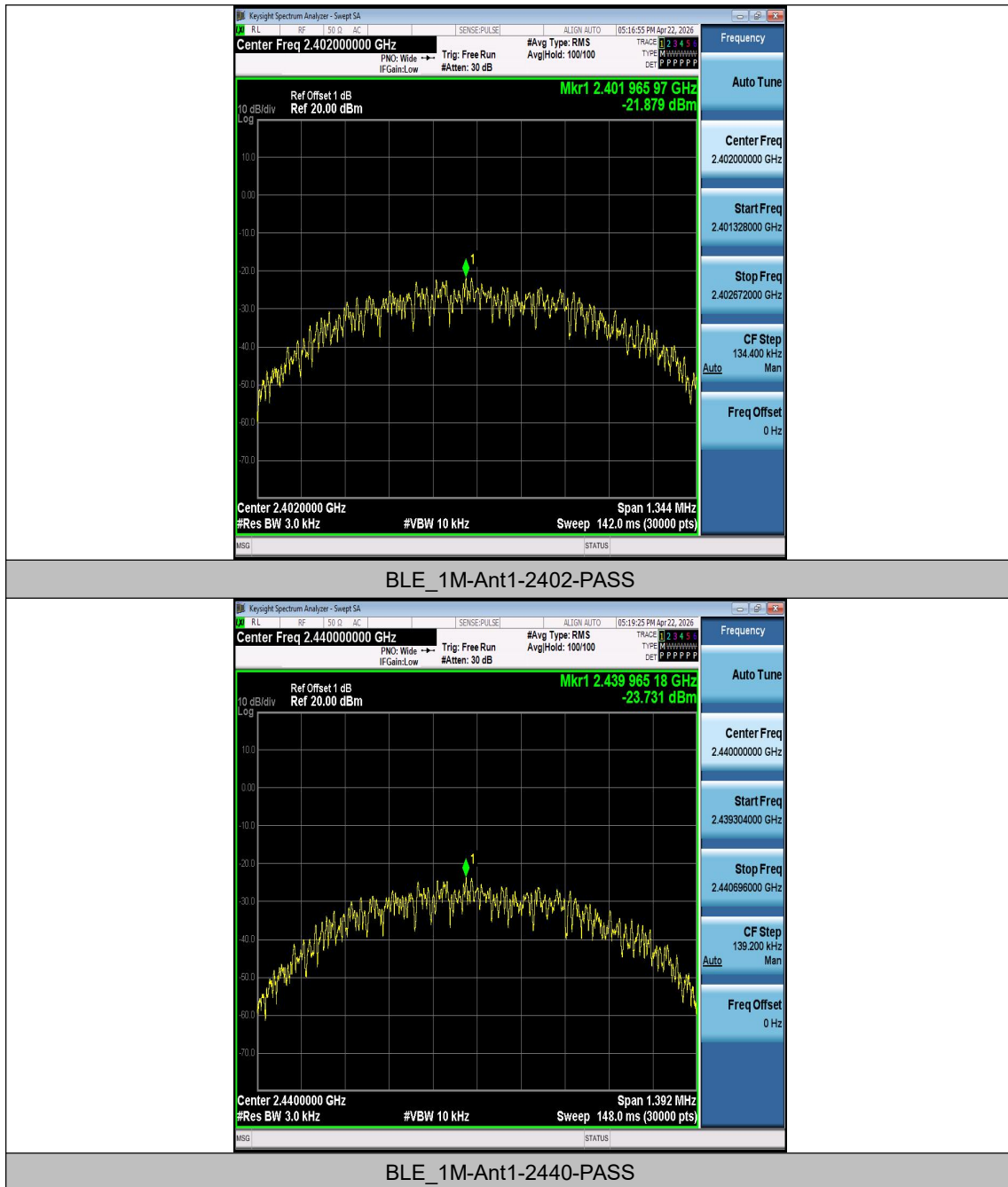
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## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -21.88           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -23.73           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -25.23           | ≤8.00           | PASS    |

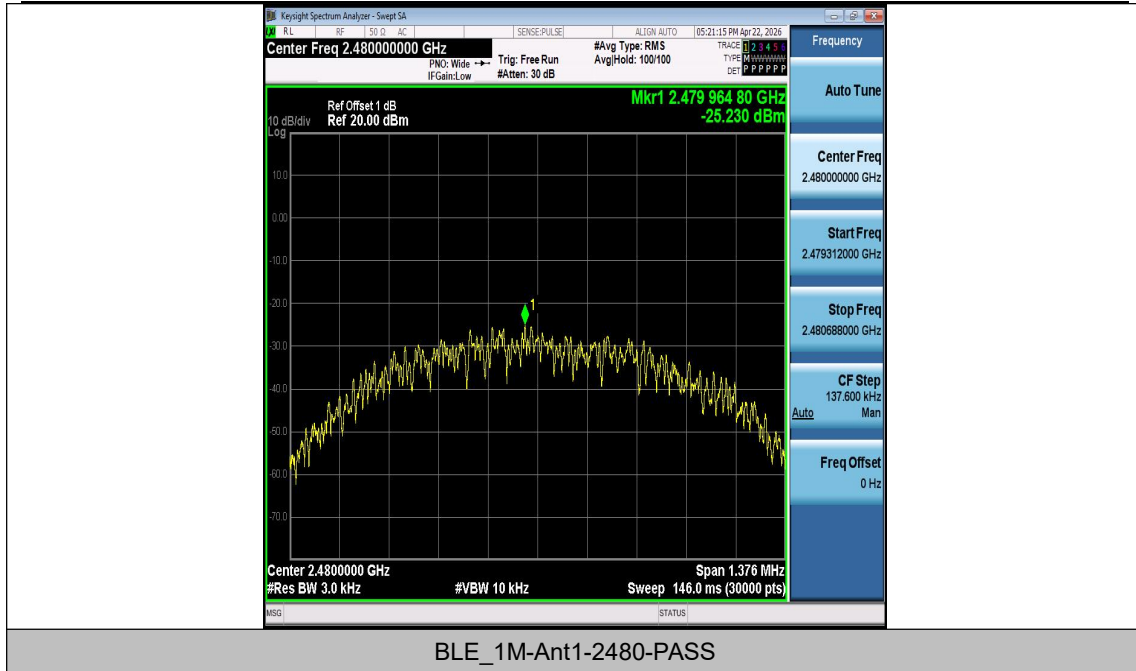
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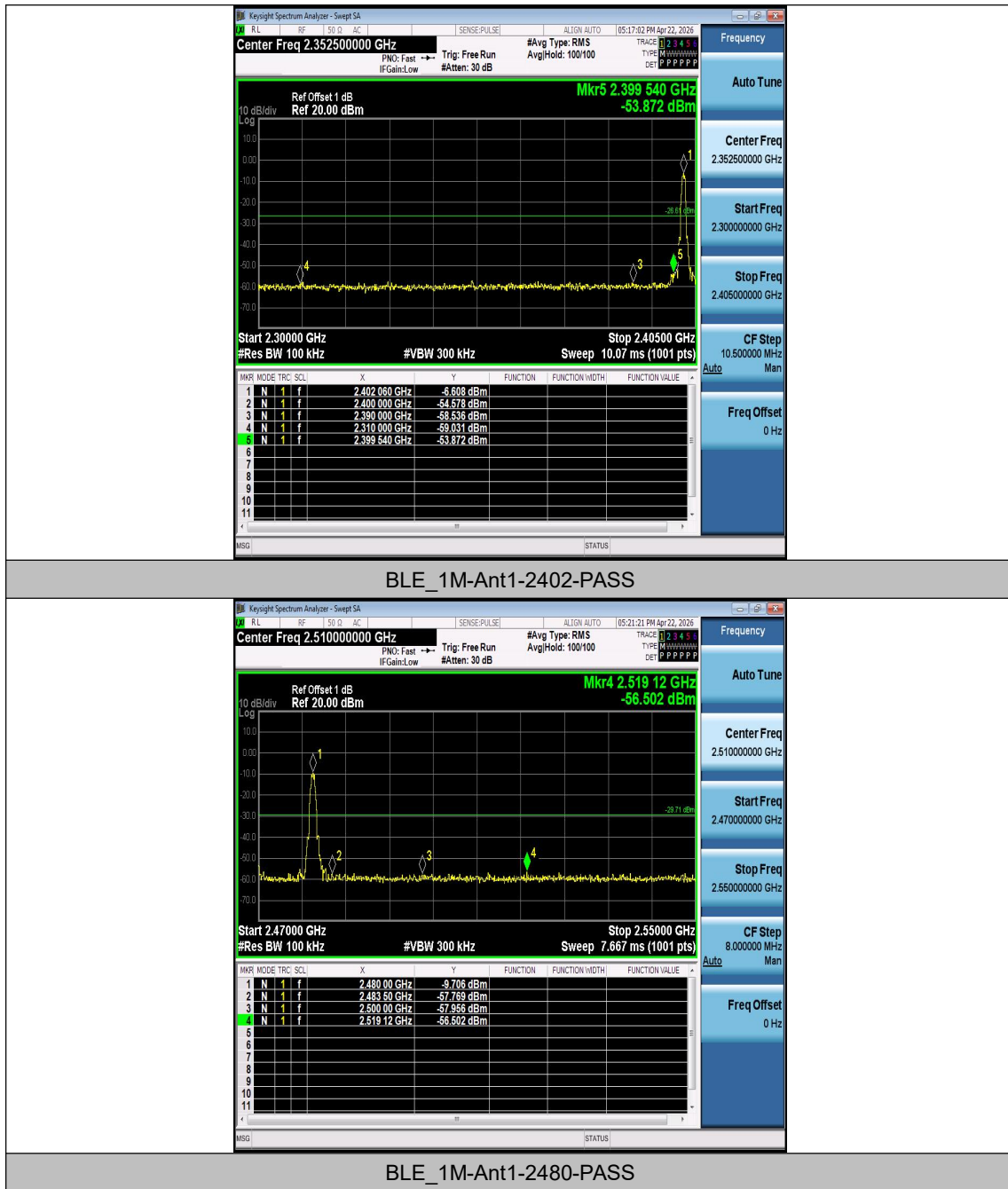
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## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | Low    | 2402            | -6.61          | -53.87       | ≤-26.61     | PASS    |
| BLE_1M    | Ant1    | High   | 2480            | -9.71          | -56.5        | ≤-29.71     | PASS    |

## Test Graphs



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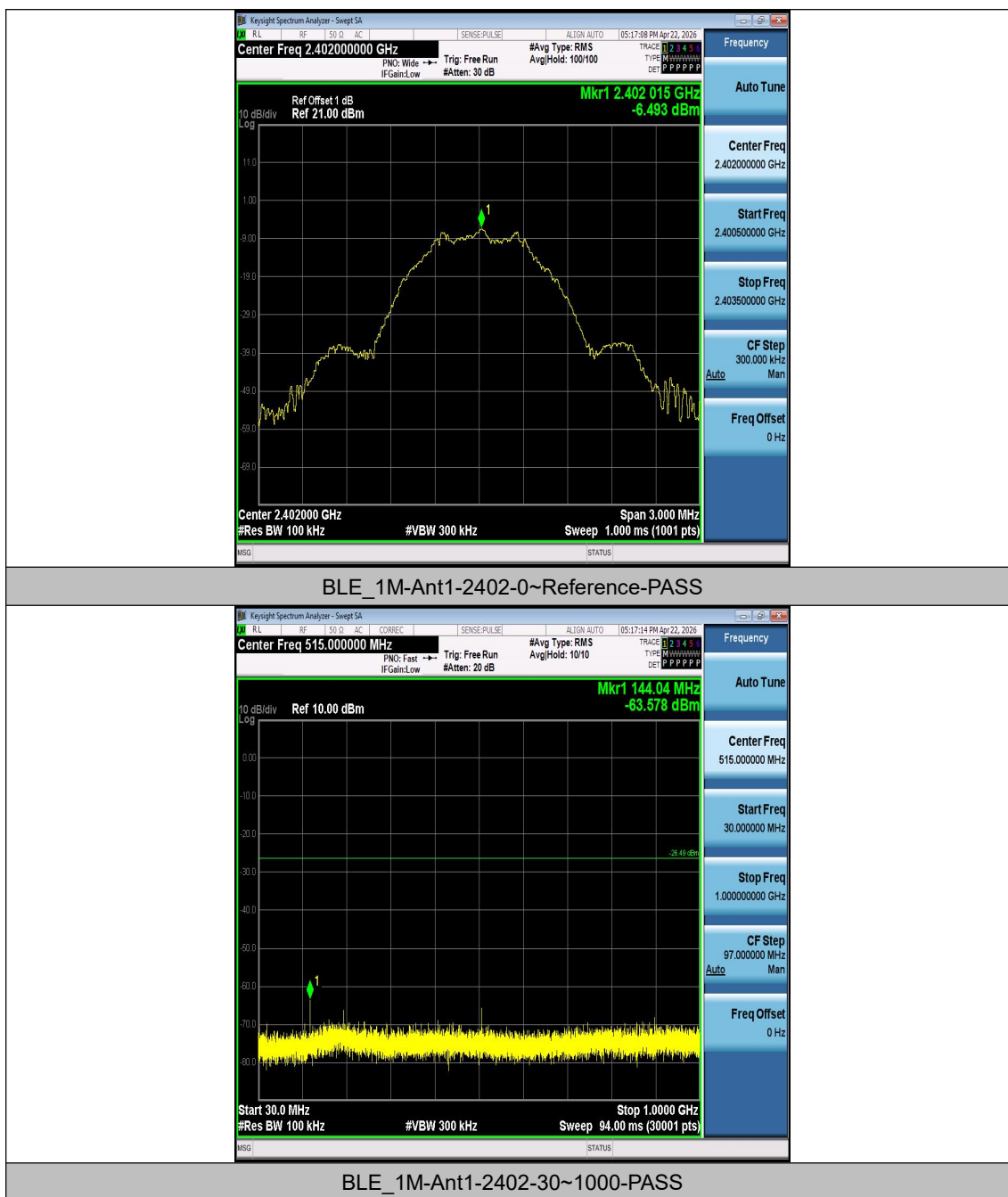
## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | 2402            | 0~Reference       | -6.49            | -6.49        | ---         | PASS    |
| BLE_1M    | Ant1    | 2402            | 30~1000           | -6.49            | -63.58       | ≤-26.49     | PASS    |
| BLE_1M    | Ant1    | 2402            | 1000~26500        | -6.49            | -35.1        | ≤-26.49     | PASS    |
| BLE_1M    | Ant1    | 2440            | 0~Reference       | -8.50            | -8.50        | ---         | PASS    |
| BLE_1M    | Ant1    | 2440            | 30~1000           | -8.50            | -62.88       | ≤-28.5      | PASS    |
| BLE_1M    | Ant1    | 2440            | 1000~26500        | -8.50            | -35.25       | ≤-28.5      | PASS    |
| BLE_1M    | Ant1    | 2480            | 0~Reference       | -9.96            | -9.96        | ---         | PASS    |
| BLE_1M    | Ant1    | 2480            | 30~1000           | -9.96            | -63.32       | ≤-29.96     | PASS    |
| BLE_1M    | Ant1    | 2480            | 1000~26500        | -9.96            | -35.17       | ≤-29.96     | 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.

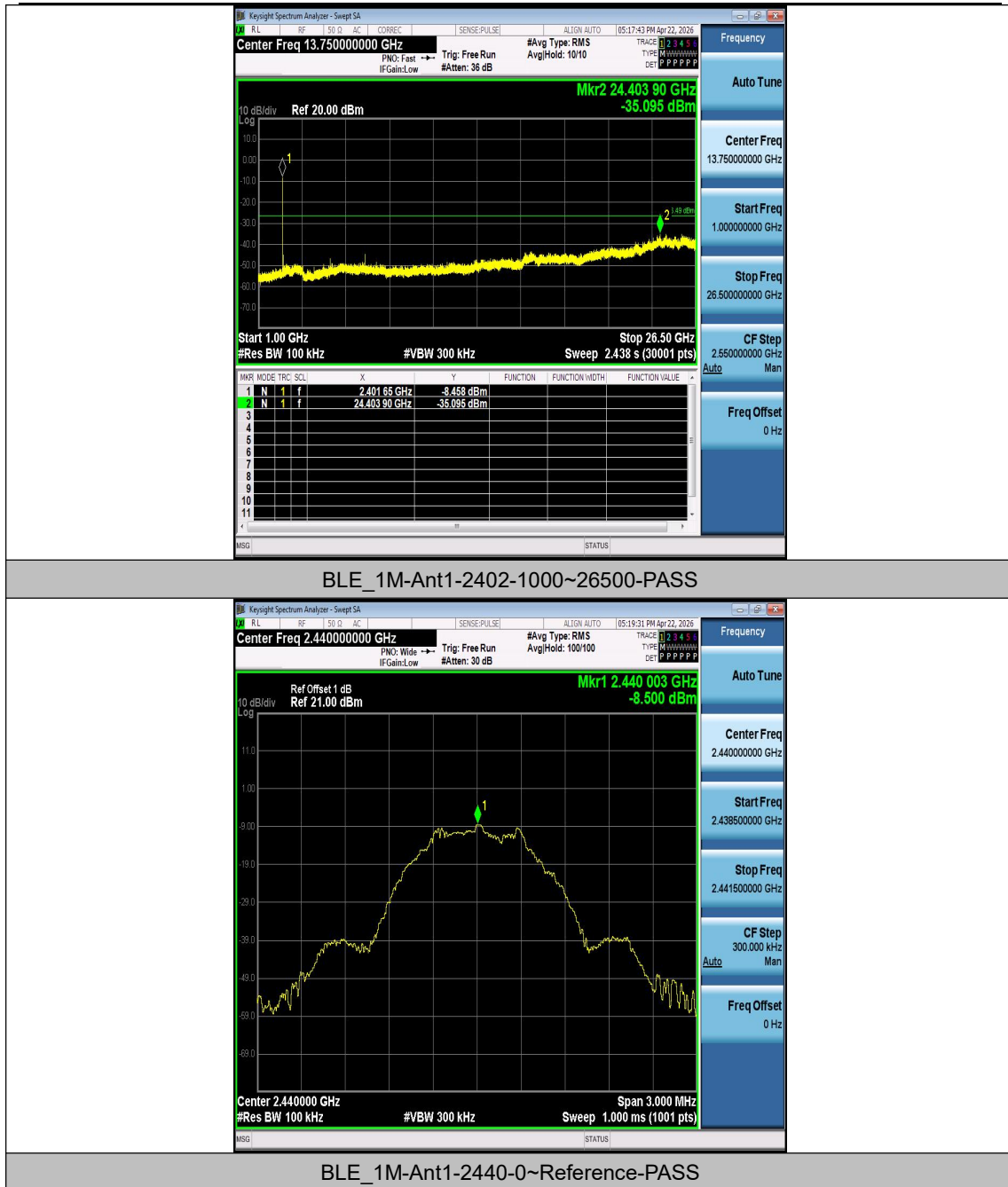
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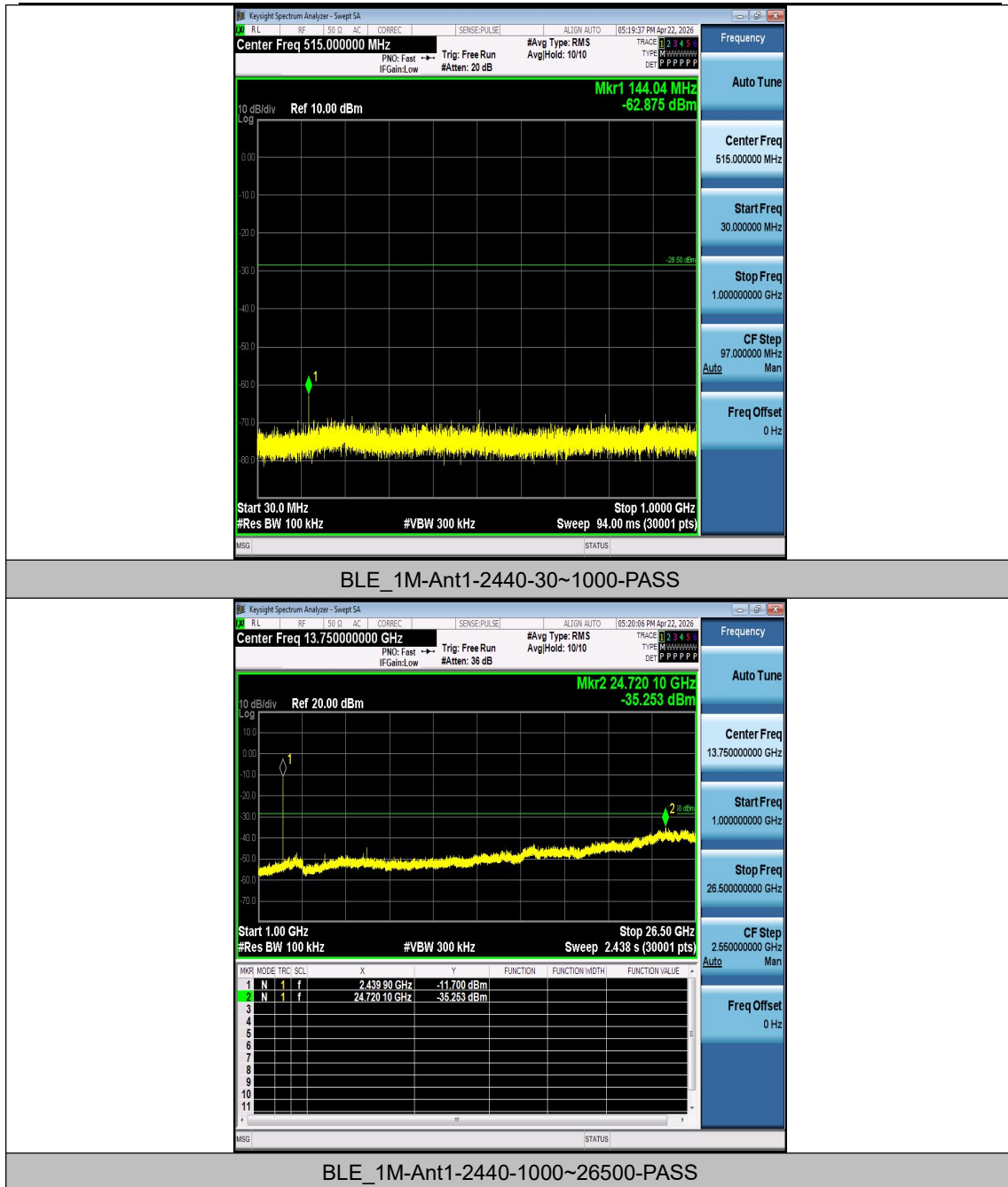
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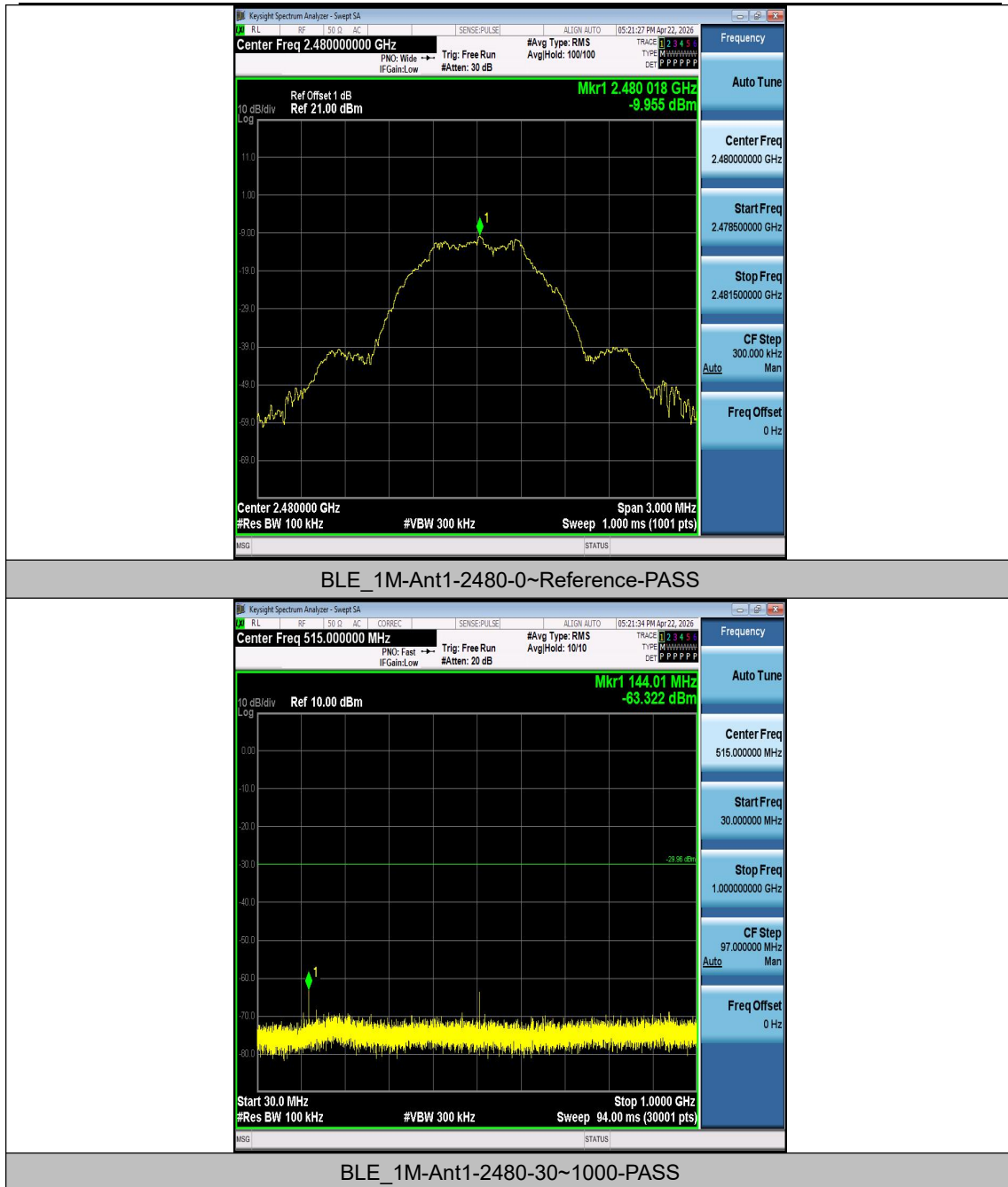
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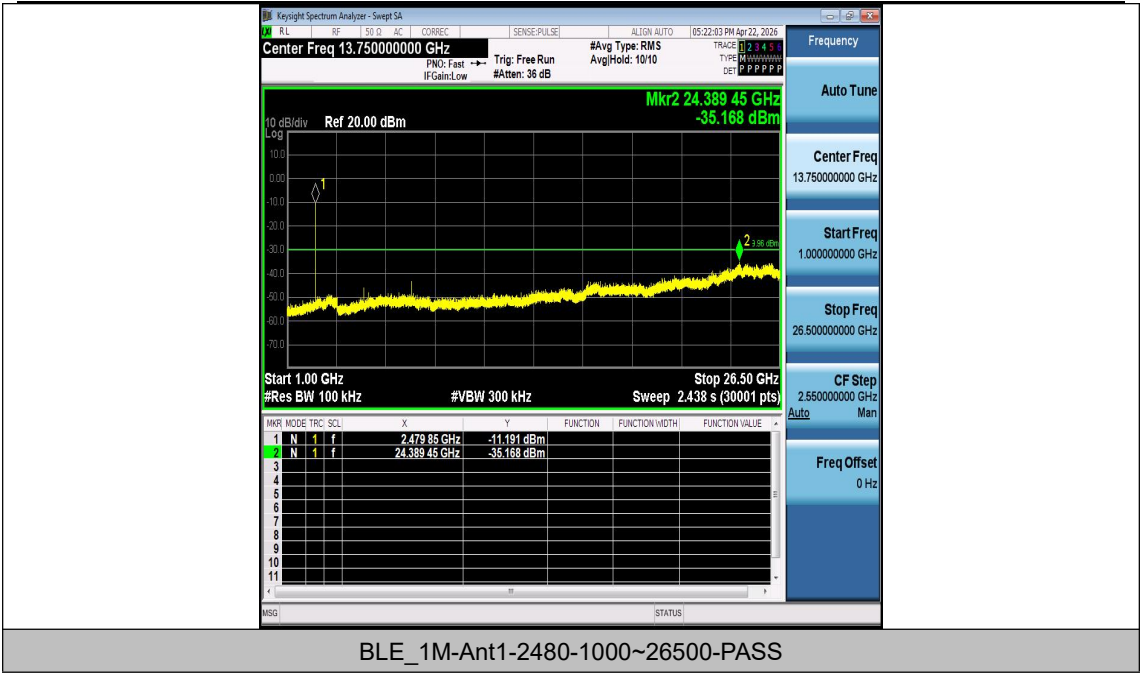
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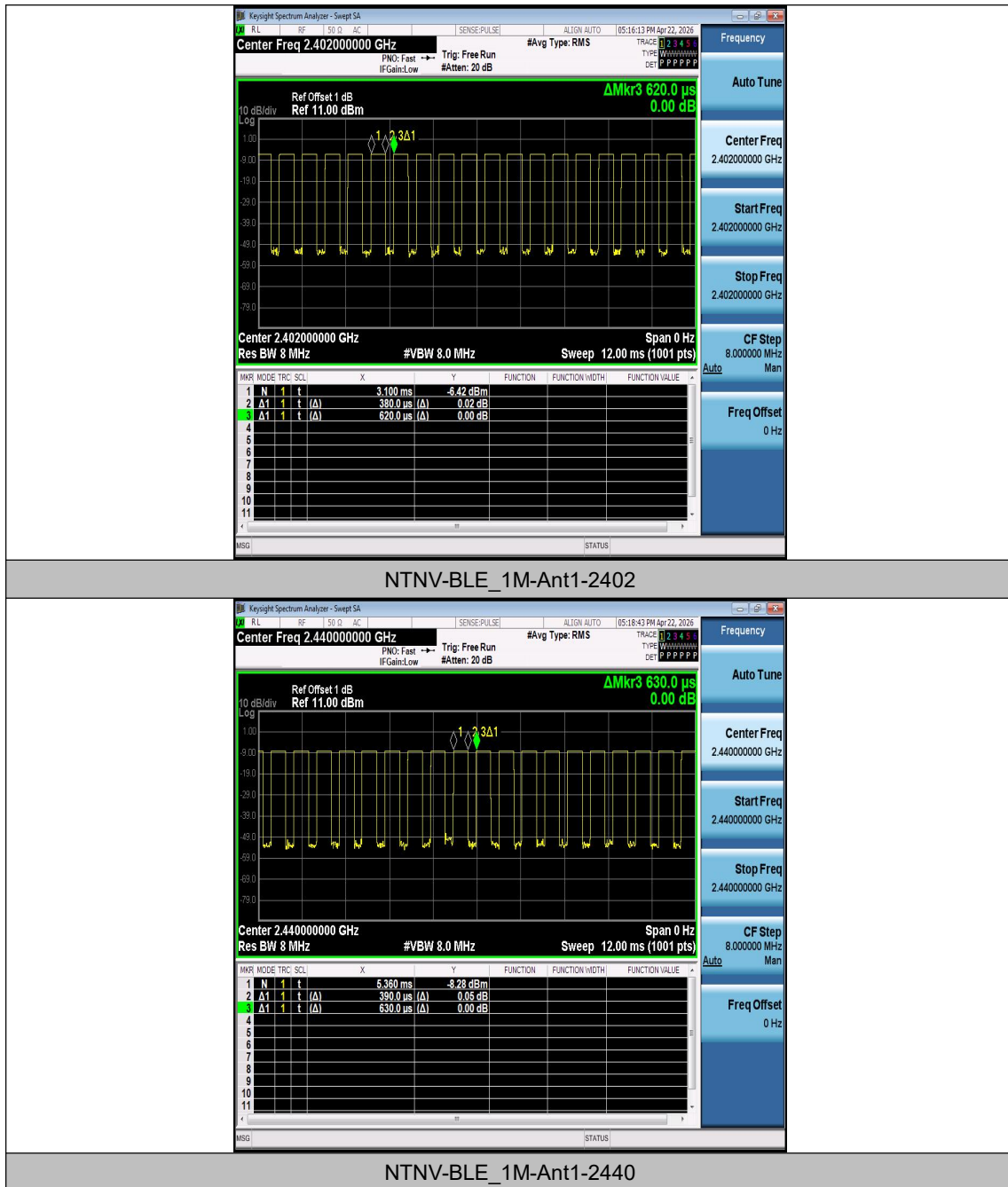
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## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|-----------|---------|-----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M    | Ant1    | 2402            | 0.38         | 0.62        | 61.29          | 2.13                  |
| BLE_1M    | Ant1    | 2440            | 0.39         | 0.63        | 61.90          | 2.08                  |
| BLE_1M    | Ant1    | 2480            | 0.39         | 0.63        | 61.90          | 2.08                  |

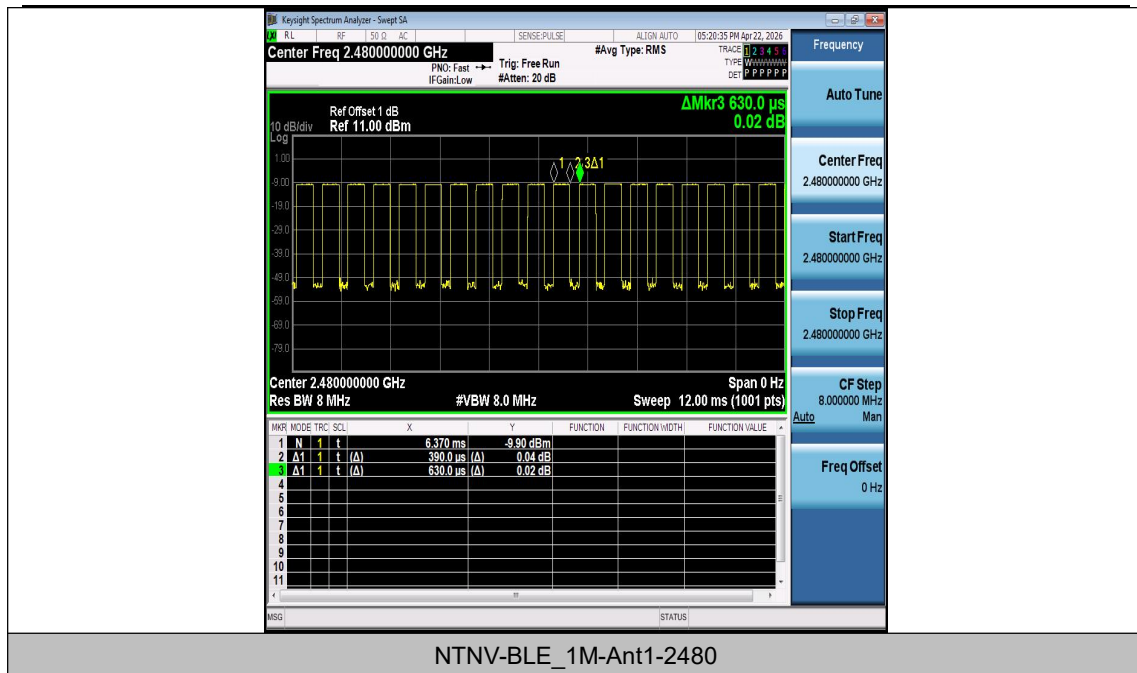
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