

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60126312502-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-3-6            | Finish Test Date:  | 2026-3-10   |
| Test Engineer:   | Pearl Ao            | Auditor:           | Justin Feng |
| Temperature:     | 21.8°C              | Relative Humidity: | 62%         |
| 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           | 0.700        | 2401.664 | 2402.364 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.676        | 2439.672 | 2440.348 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.632        | 2479.700 | 2480.332 | 0.5        | PASS    |

### Test Graphs



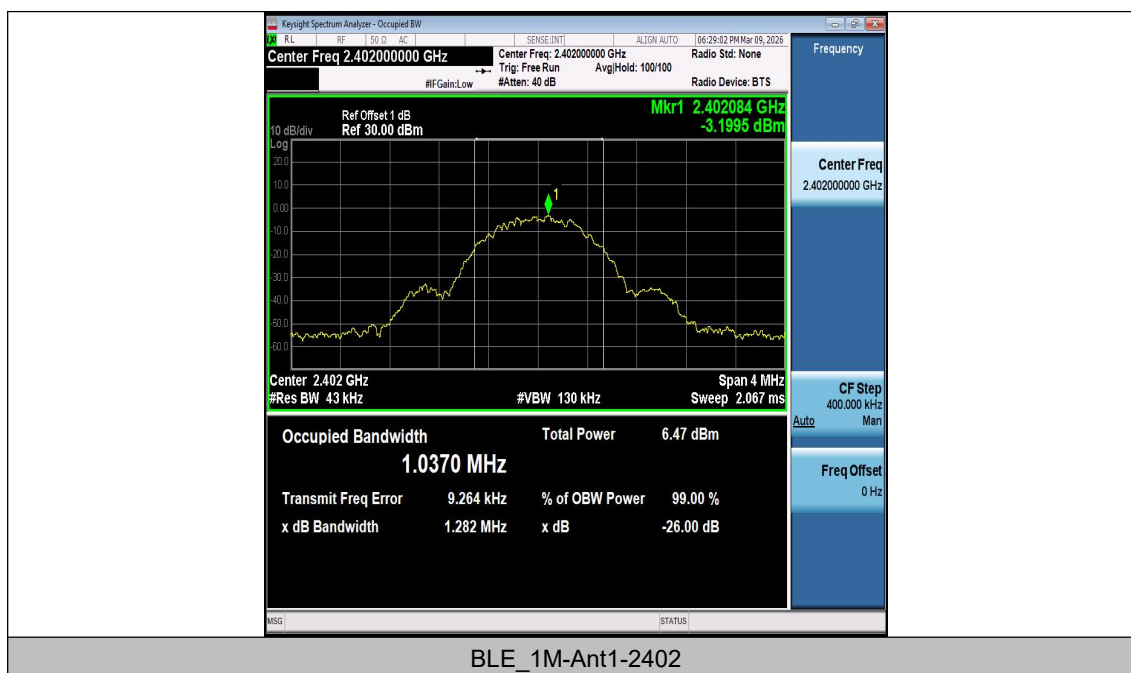


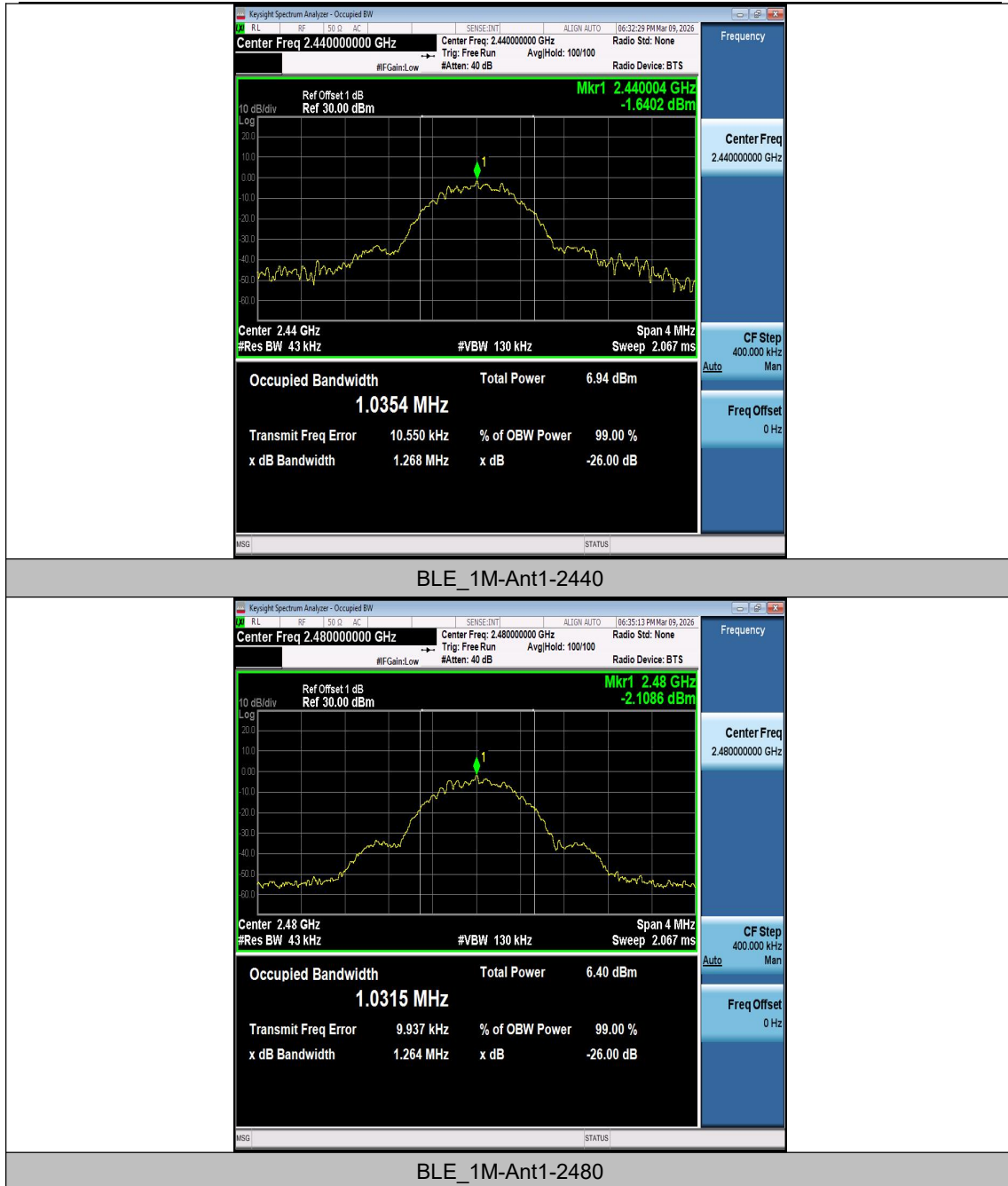
## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 1.0370    | 2401.4908 | 2402.5278 | ---        | ---     |
| BLE_1M    | Ant1    | 2440           | 1.0354    | 2439.4929 | 2440.5283 | ---        | ---     |
| BLE_1M    | Ant1    | 2480           | 1.0315    | 2479.4942 | 2480.5257 | ---        | ---     |

### Test Graphs





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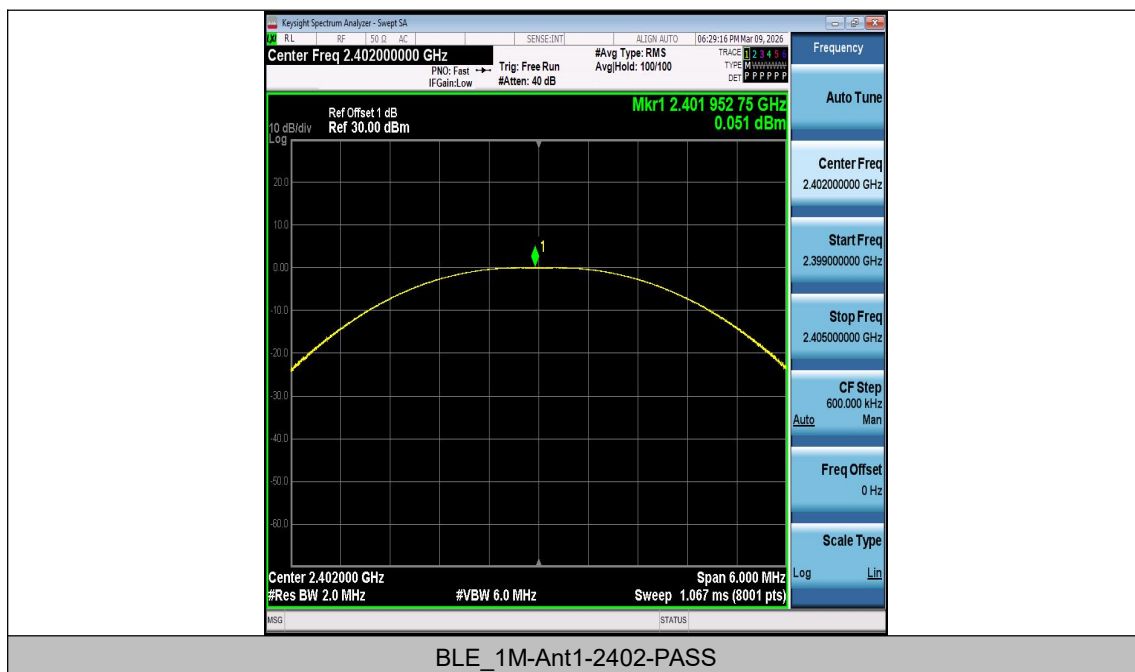
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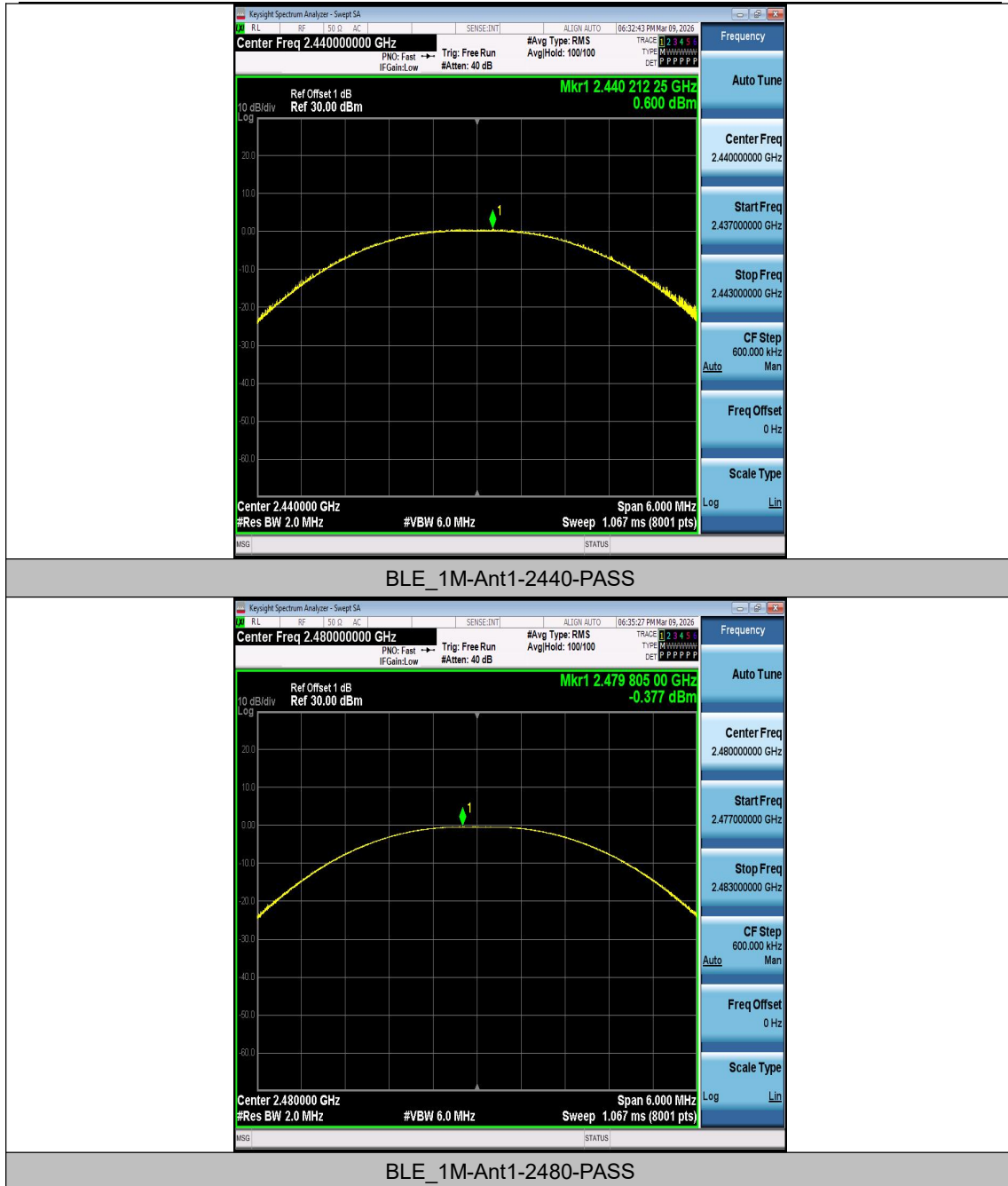
## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402            | 0.05                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440            | <b>0.60</b>               | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480            | -0.38                     | ≤30                  | PASS    |

### Test Graphs Peak





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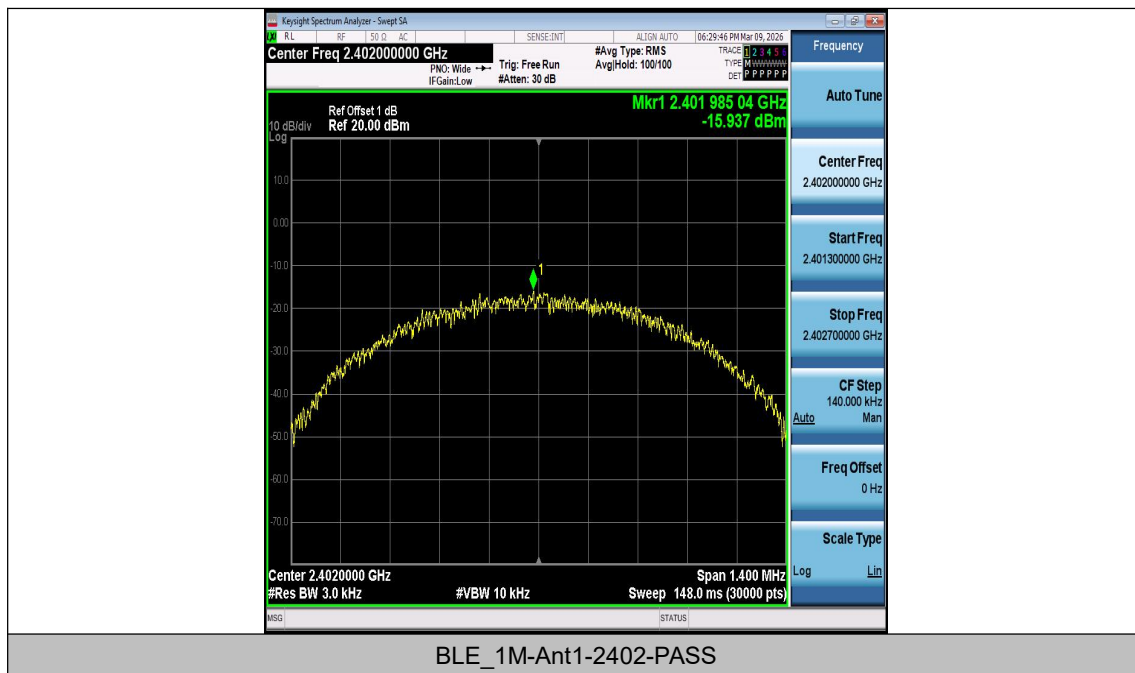
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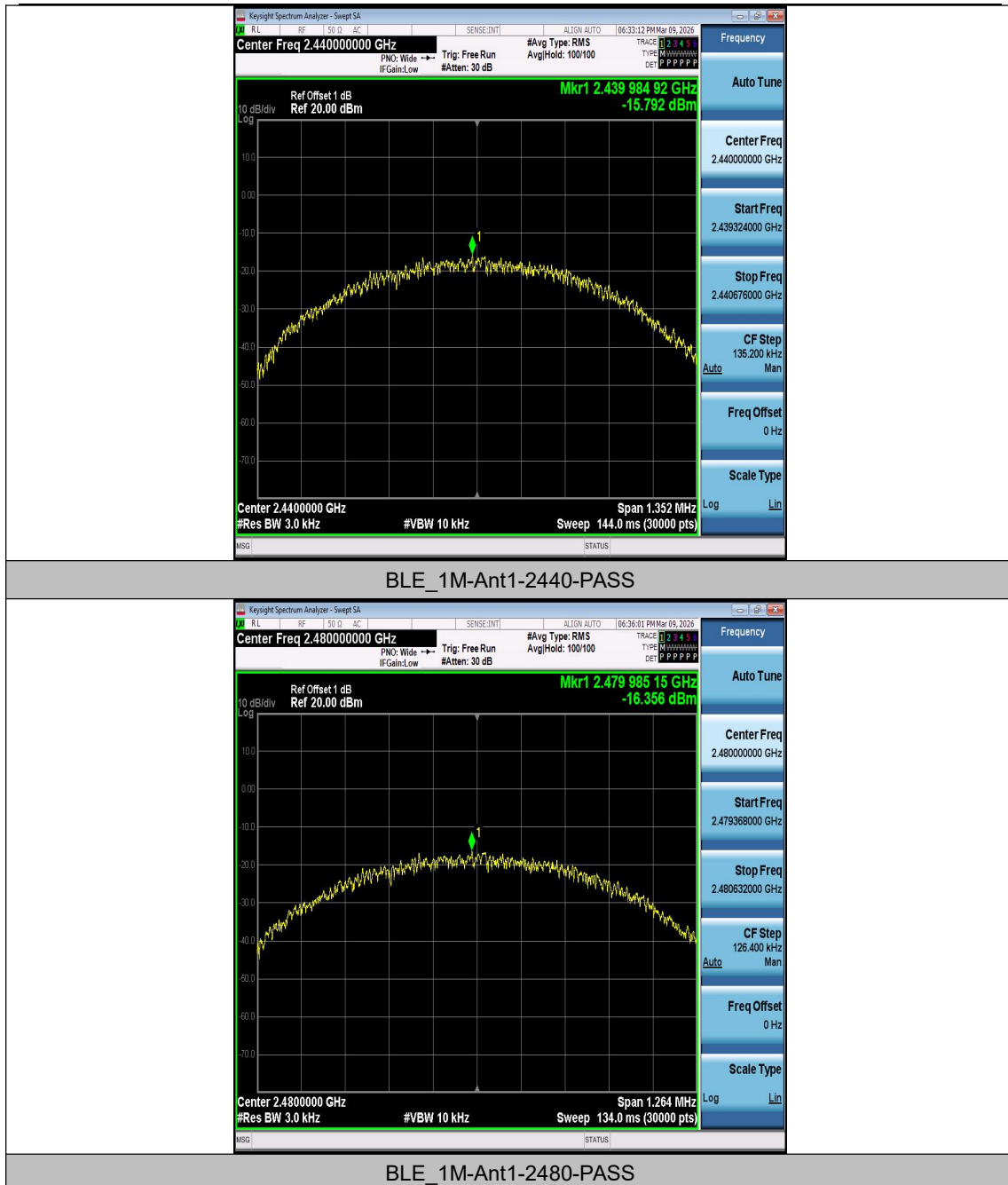
## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -15.94           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -15.79           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -16.36           | ≤8.00           | PASS    |

### Test Graphs





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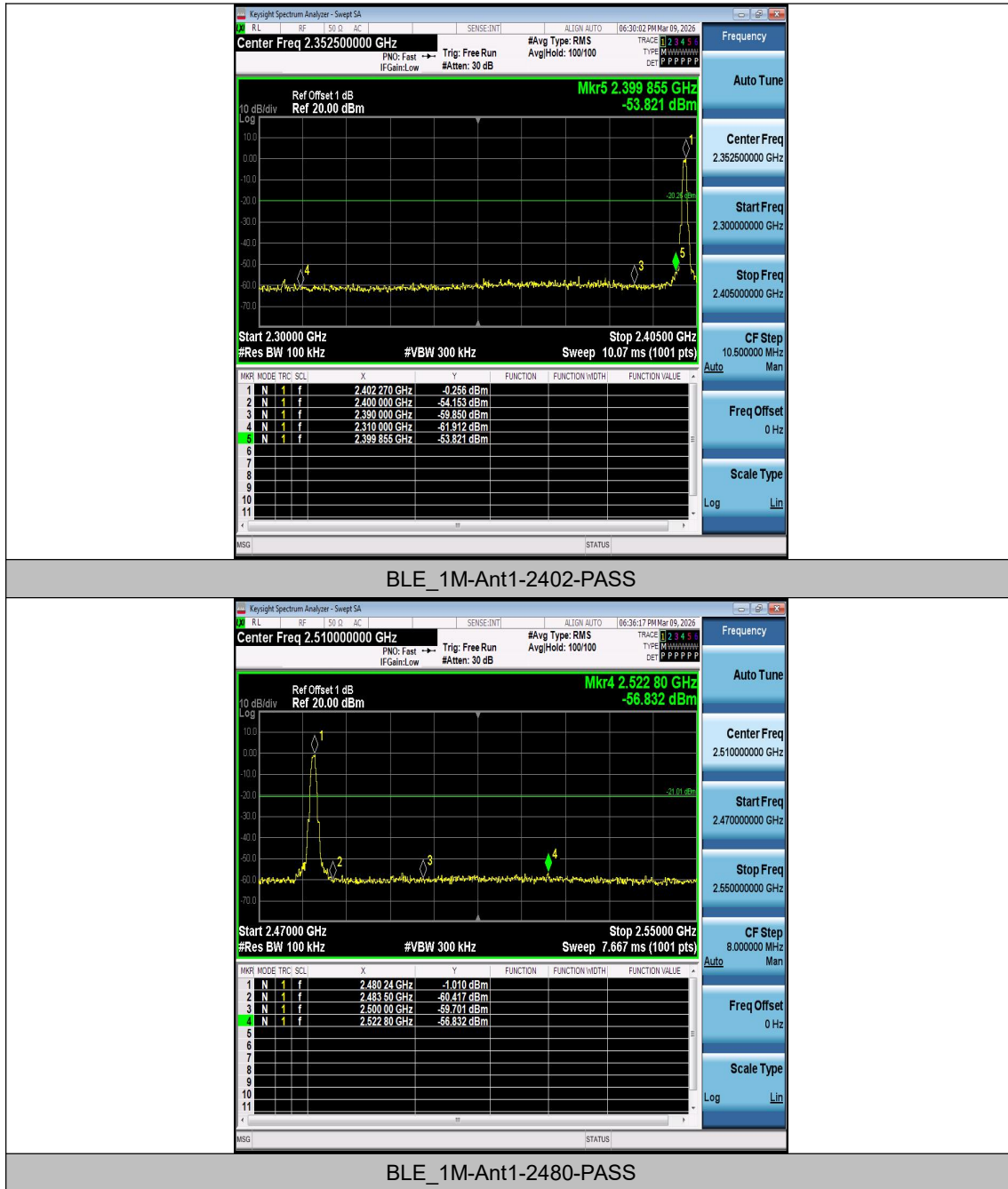
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## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | Low    | 2402            | -0.26          | -53.82       | ≤-20.26     | PASS    |
| BLE_1M    | Ant1    | High   | 2480            | -1.01          | -56.83       | ≤-21.01     | PASS    |

## Test Graphs



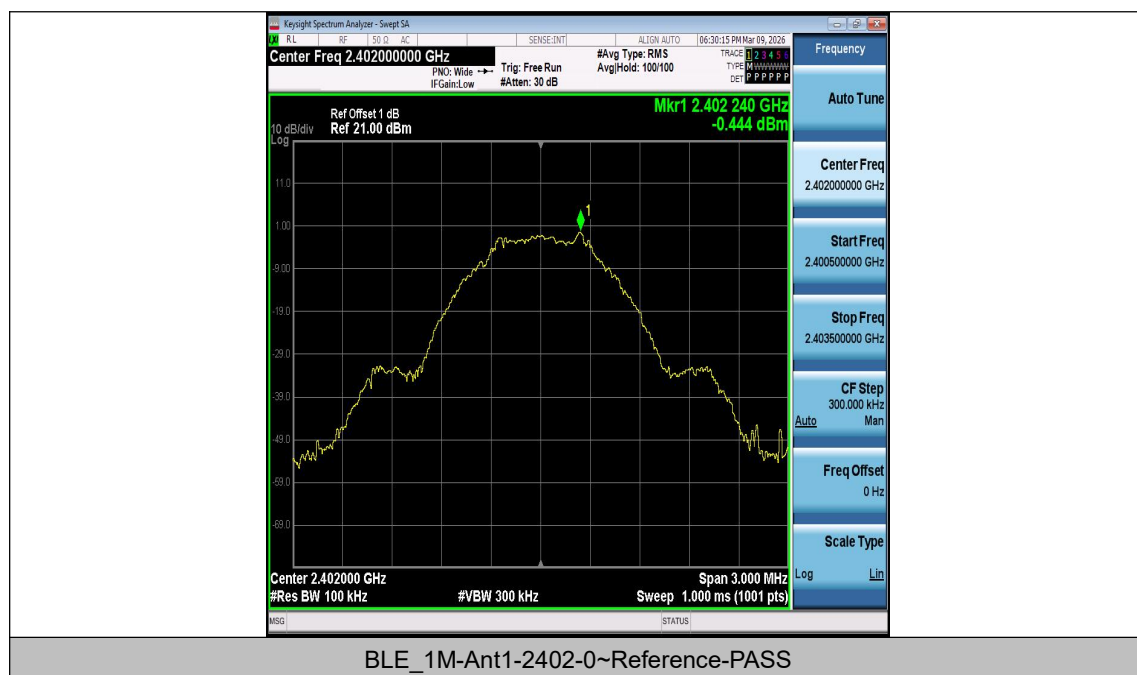
## Appendix F: Conducted Spurious Emission

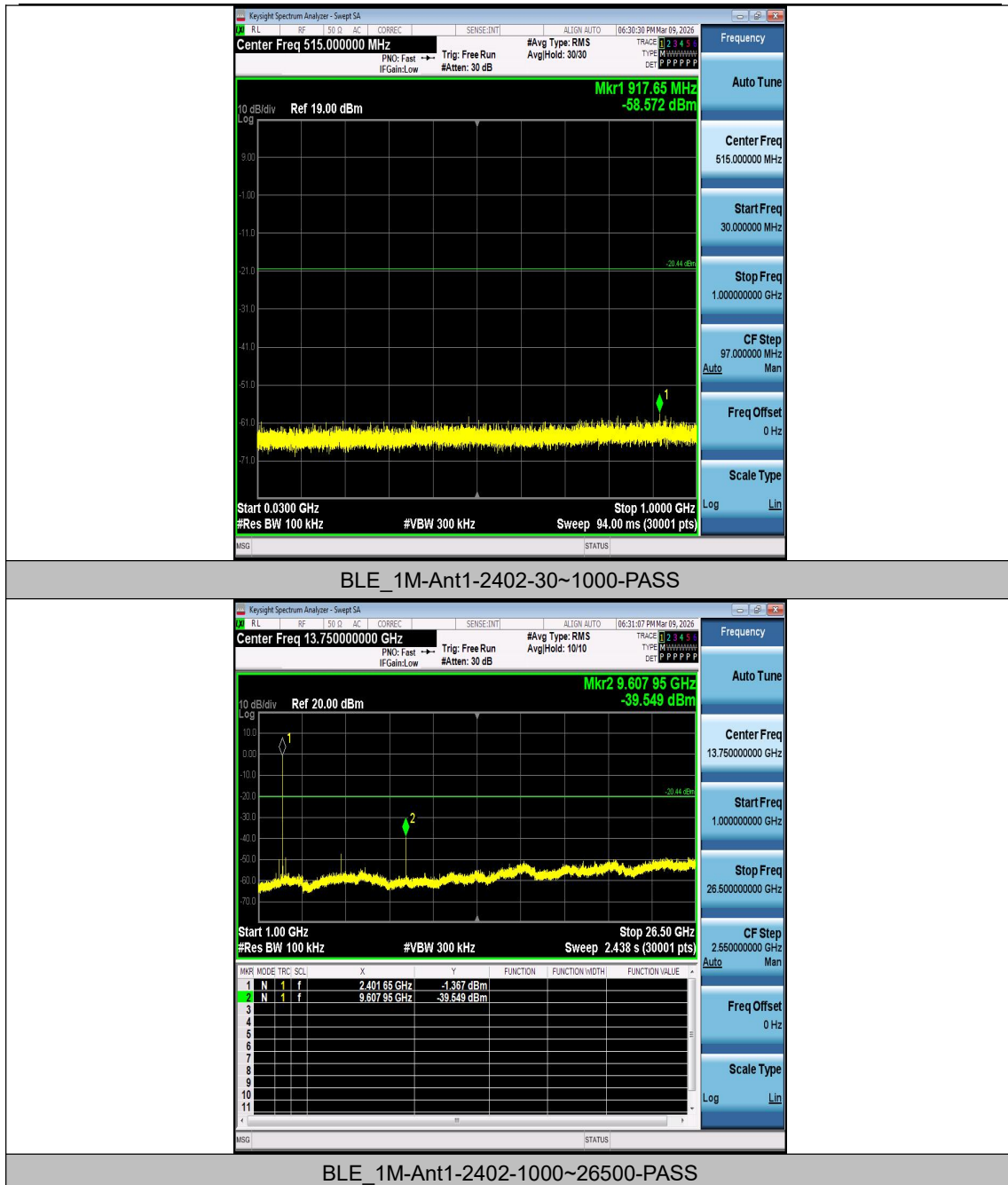
### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | 2402            | 0~Reference       | -0.44            | -0.44        | ---         | PASS    |
| BLE_1M    | Ant1    | 2402            | 30~1000           | -0.44            | -58.57       | ≤-20.44     | PASS    |
| BLE_1M    | Ant1    | 2402            | 1000~26500        | -0.44            | -39.55       | ≤-20.44     | PASS    |
| BLE_1M    | Ant1    | 2440            | 0~Reference       | -0.31            | -0.31        | ---         | PASS    |
| BLE_1M    | Ant1    | 2440            | 30~1000           | -0.31            | -59.66       | ≤-20.31     | PASS    |
| BLE_1M    | Ant1    | 2440            | 1000~26500        | -0.31            | -36.68       | ≤-20.31     | PASS    |
| BLE_1M    | Ant1    | 2480            | 0~Reference       | -0.63            | -0.63        | ---         | PASS    |
| BLE_1M    | Ant1    | 2480            | 30~1000           | -0.63            | -58.99       | ≤-20.63     | PASS    |
| BLE_1M    | Ant1    | 2480            | 1000~26500        | -0.63            | -34.91       | ≤-20.63     | 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

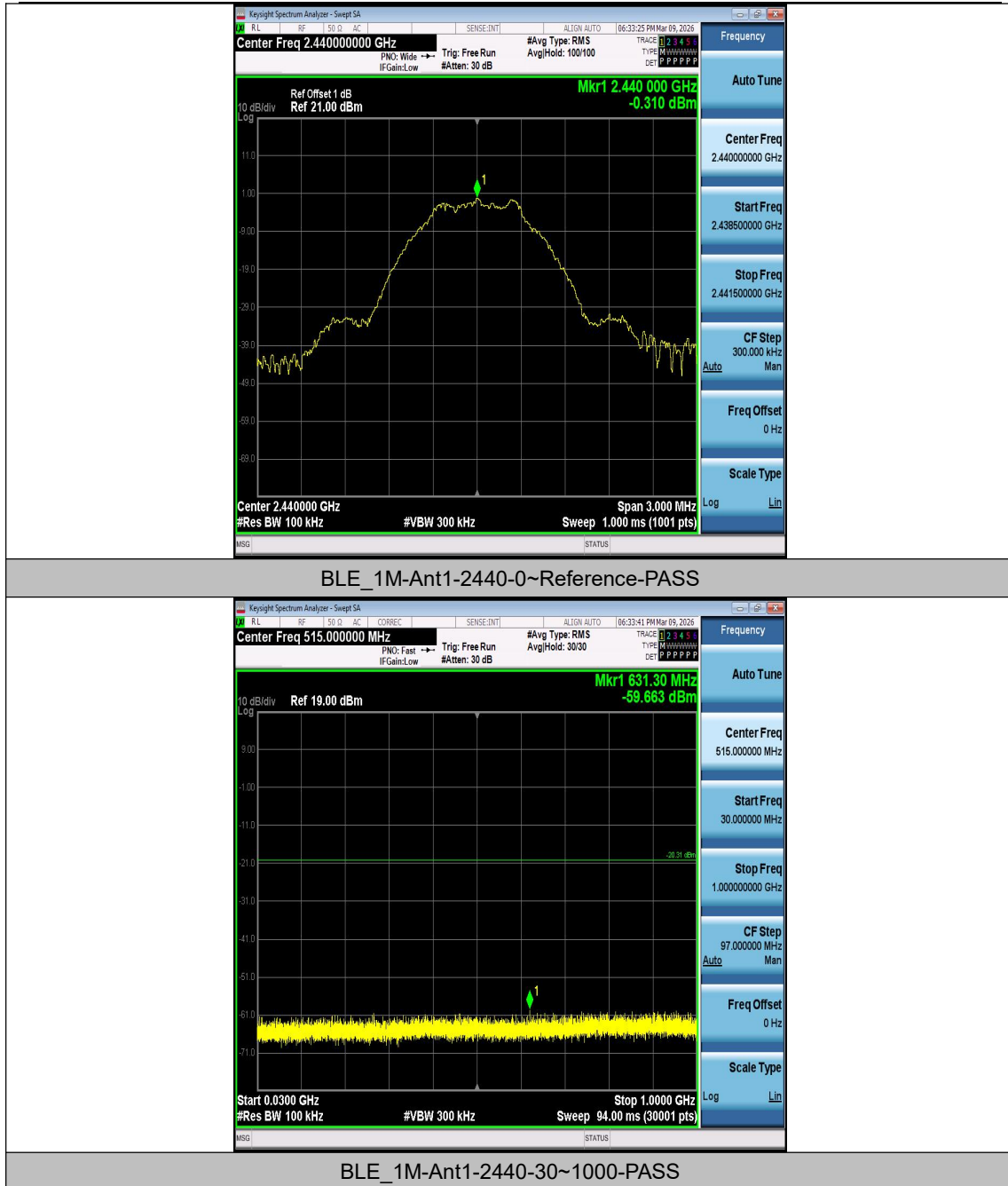




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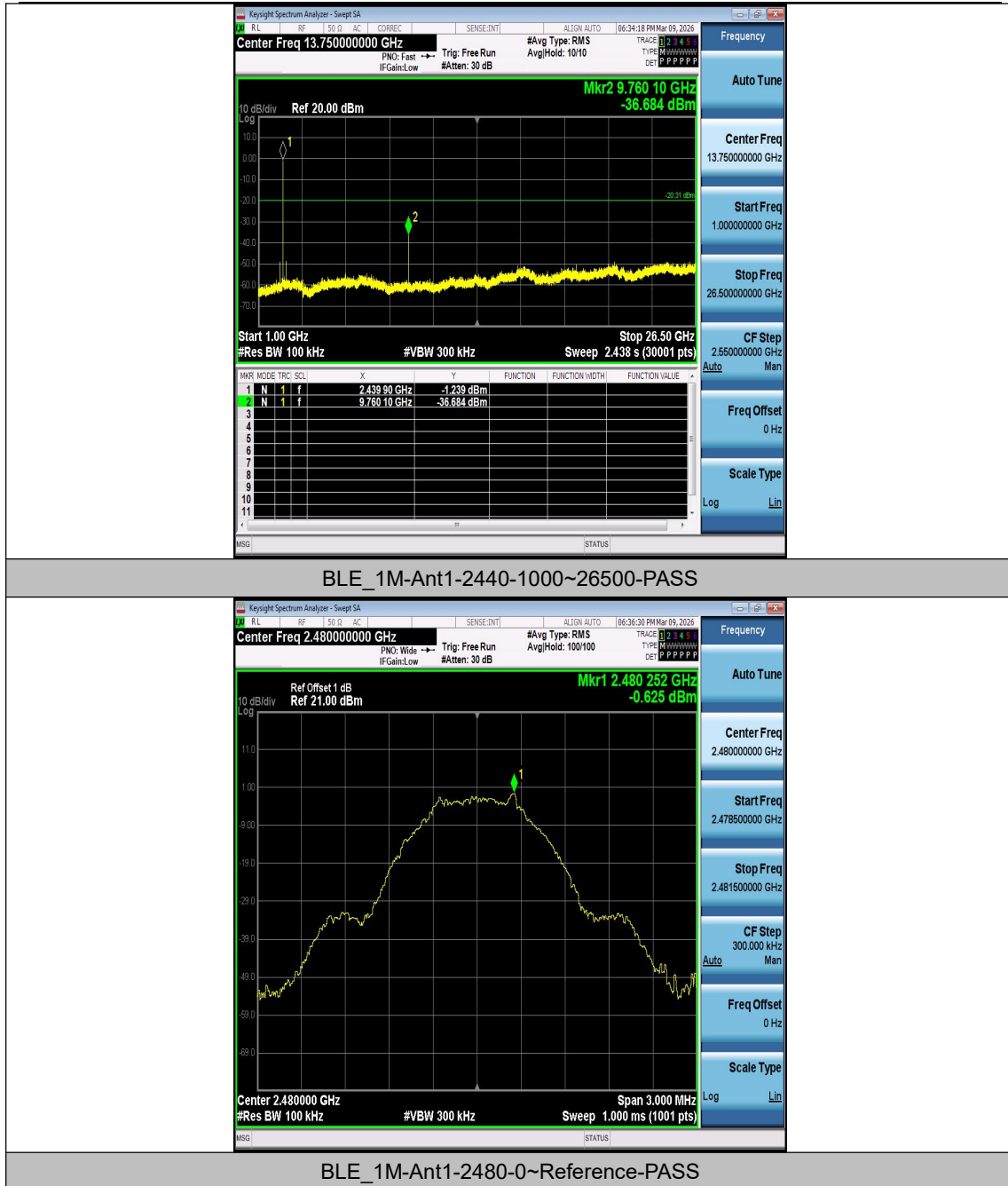
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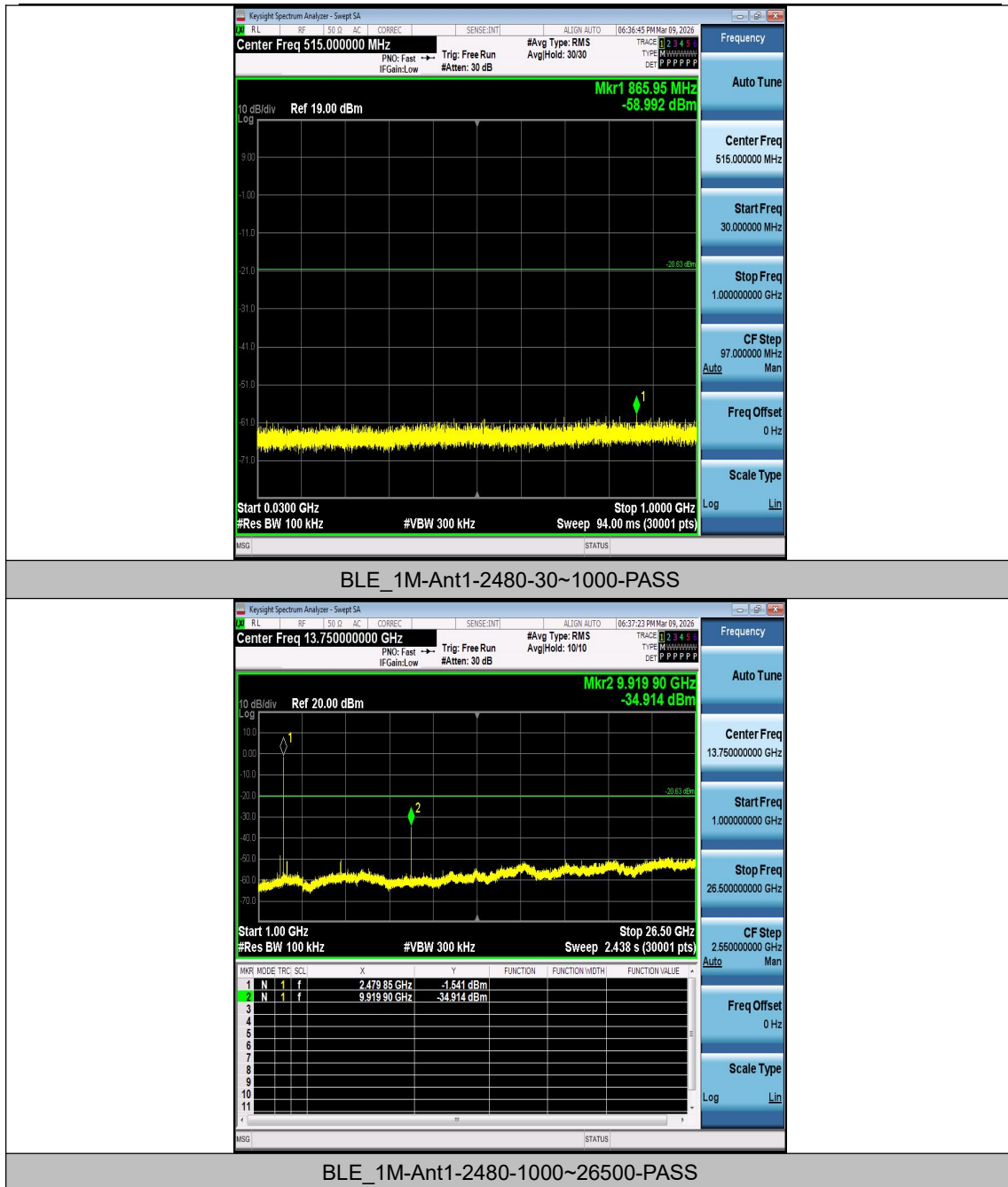
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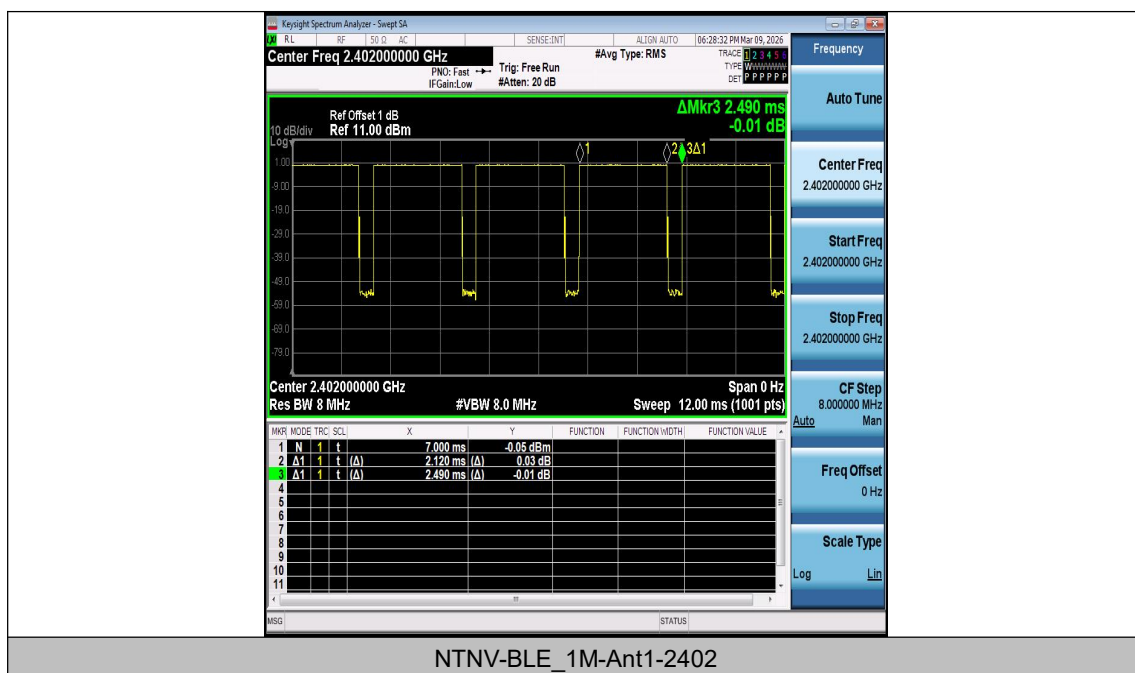


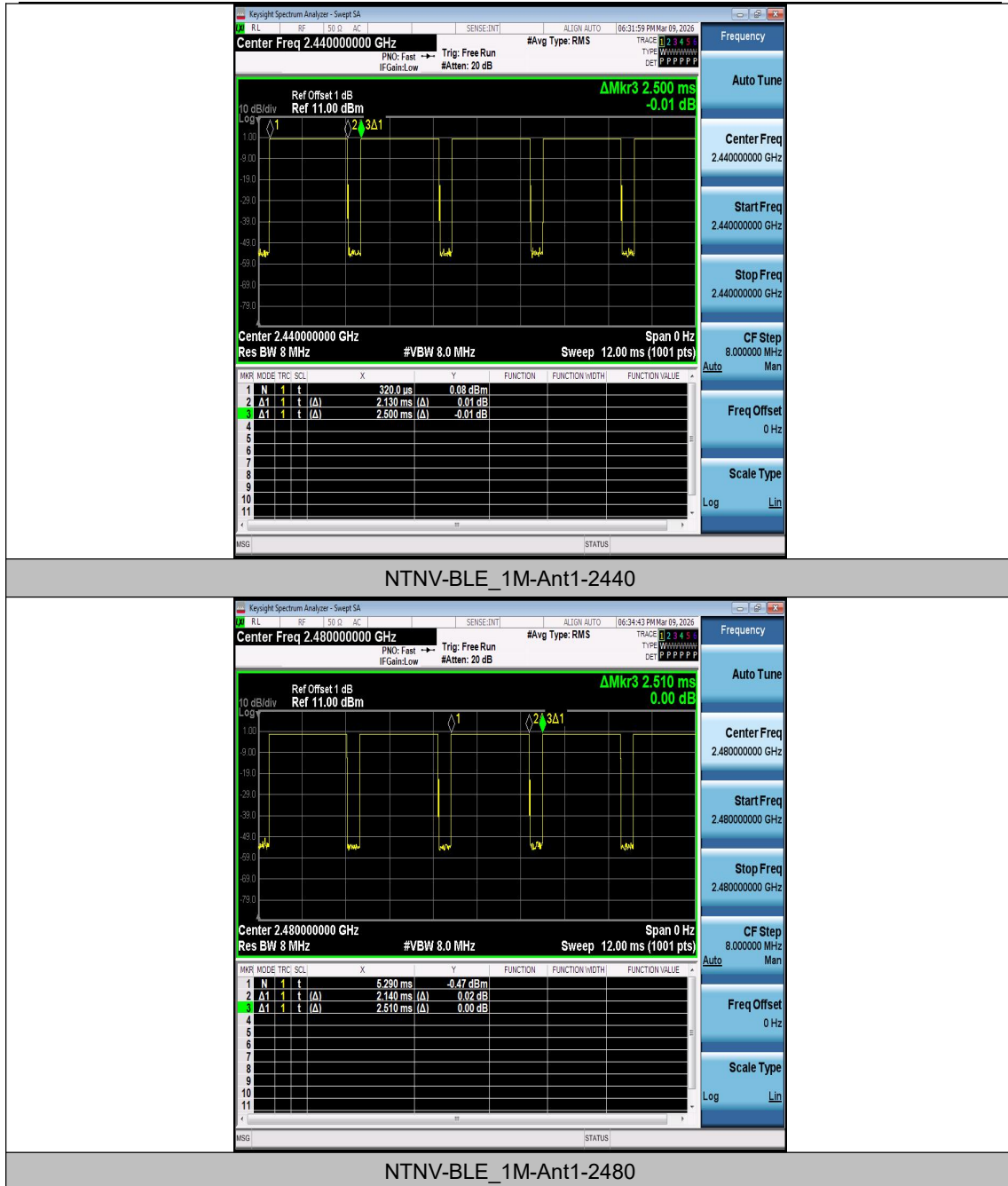
## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|-----------|---------|-----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M    | Ant1    | 2402            | 2.12         | 2.49        | 85.14          | 0.70                  |
| BLE_1M    | Ant1    | 2440            | 2.13         | 2.50        | 85.20          | 0.70                  |
| BLE_1M    | Ant1    | 2480            | 2.14         | 2.51        | 85.26          | 0.69                  |

### Test Graphs





---End---