

Appendix Test Data

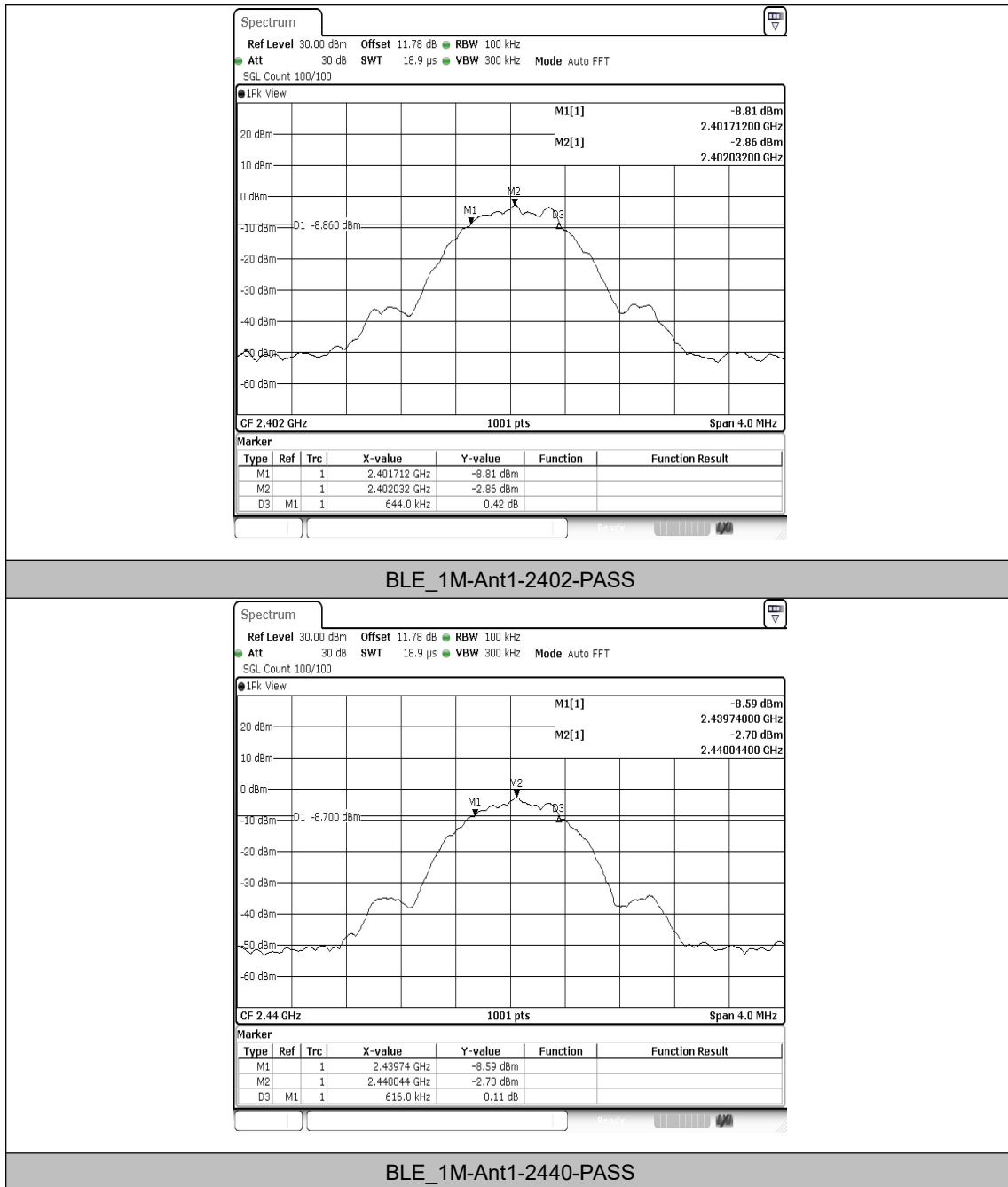
|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No.:      | 1814C50092512501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2025.3.28        | Finish Test Date:  | 2025.4.2    |
| Test Engineer:   | Hu Sen Guan      | Auditor:           | Justin Feng |
| Temperature:     | 20.5℃            | Relative Humidity: | 50%         |
| Pressure:        | 101kPa           |                    |             |

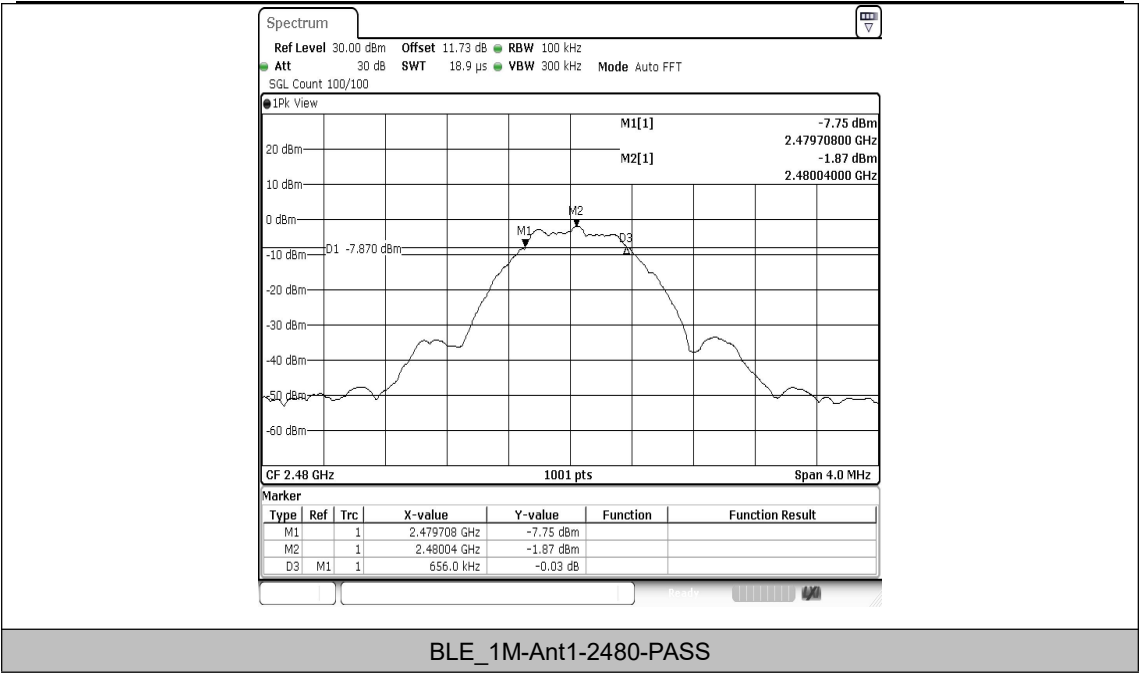
Appendix A: 6dB Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M    | Ant1    | 2402           | 0.64         | 2401.71 | 2402.36 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2440           | 0.62         | 2439.74 | 2440.36 | 0.5        | PASS    |
| BLE_1M    | Ant1    | 2480           | 0.66         | 2479.71 | 2480.36 | 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           | 1.035     | 2401.5205 | 2402.5554 | ---        | ---     |
| BLE_1M    | Ant1    | 2440           | 1.047     | 2439.5205 | 2440.5674 | ---        | ---     |
| BLE_1M    | Ant1    | 2480           | 1.035     | 2479.5245 | 2480.5594 | ---        | ---     |

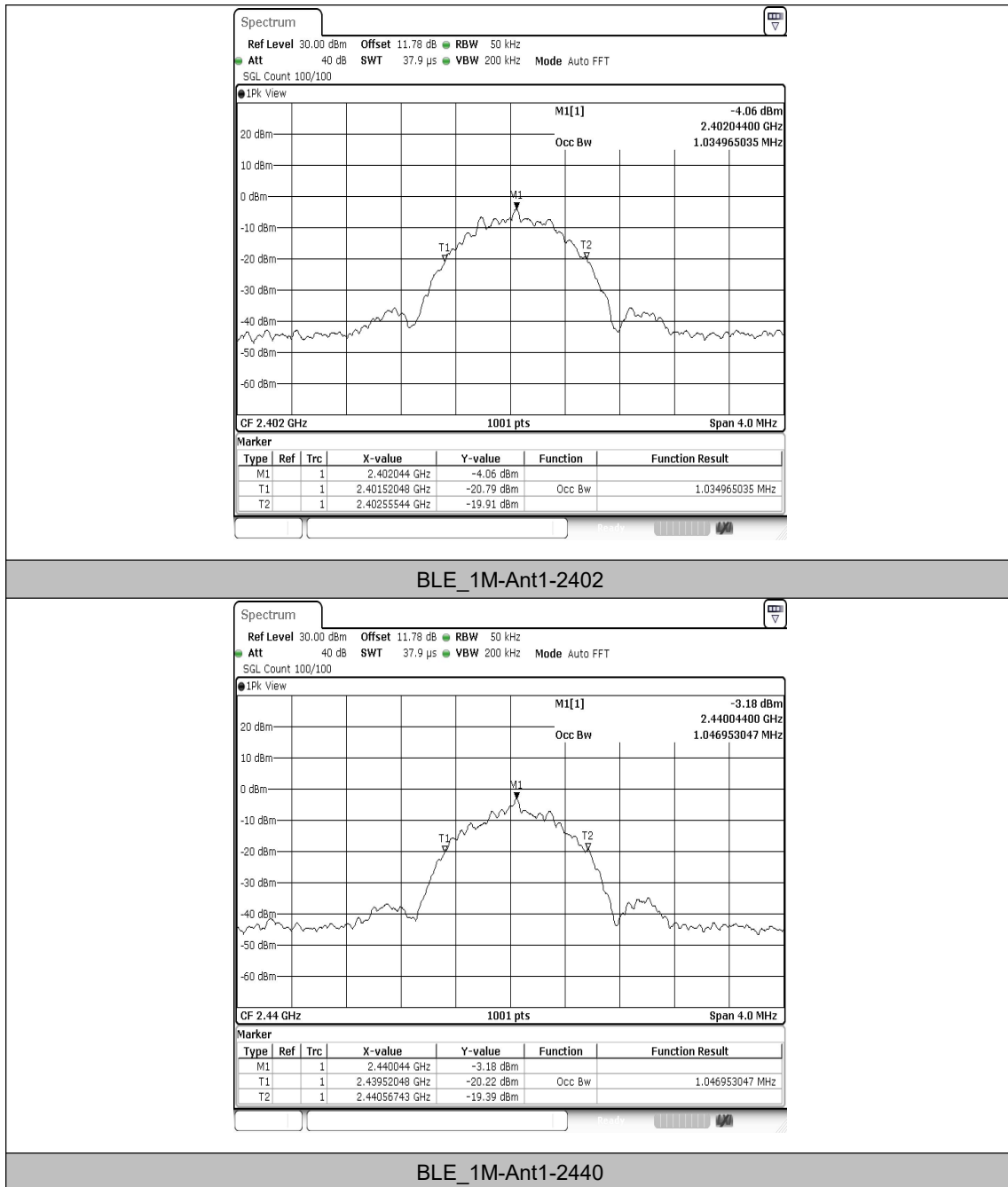
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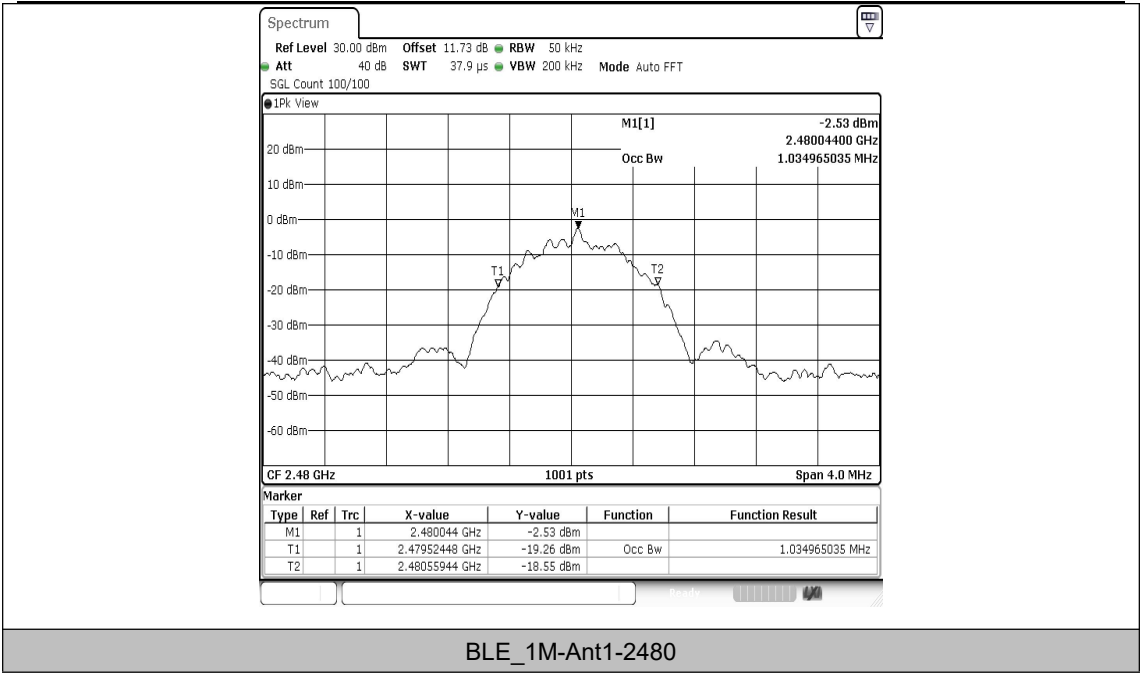
## Test Graphs



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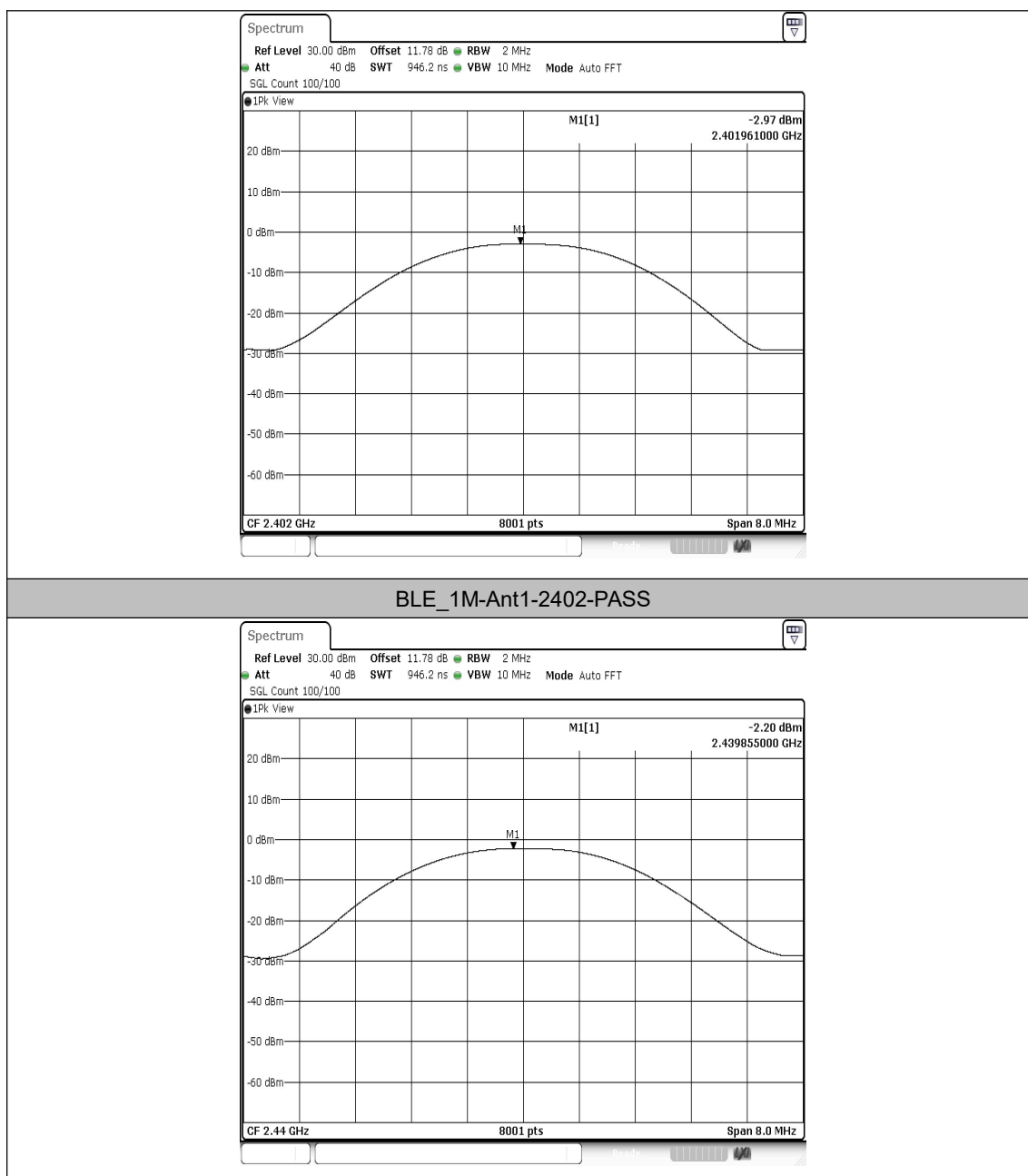
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## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402            | -2.97                     | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440            | -2.20                     | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480            | -1.46                     | ≤30                  | PASS    |

### Test Graphs Peak



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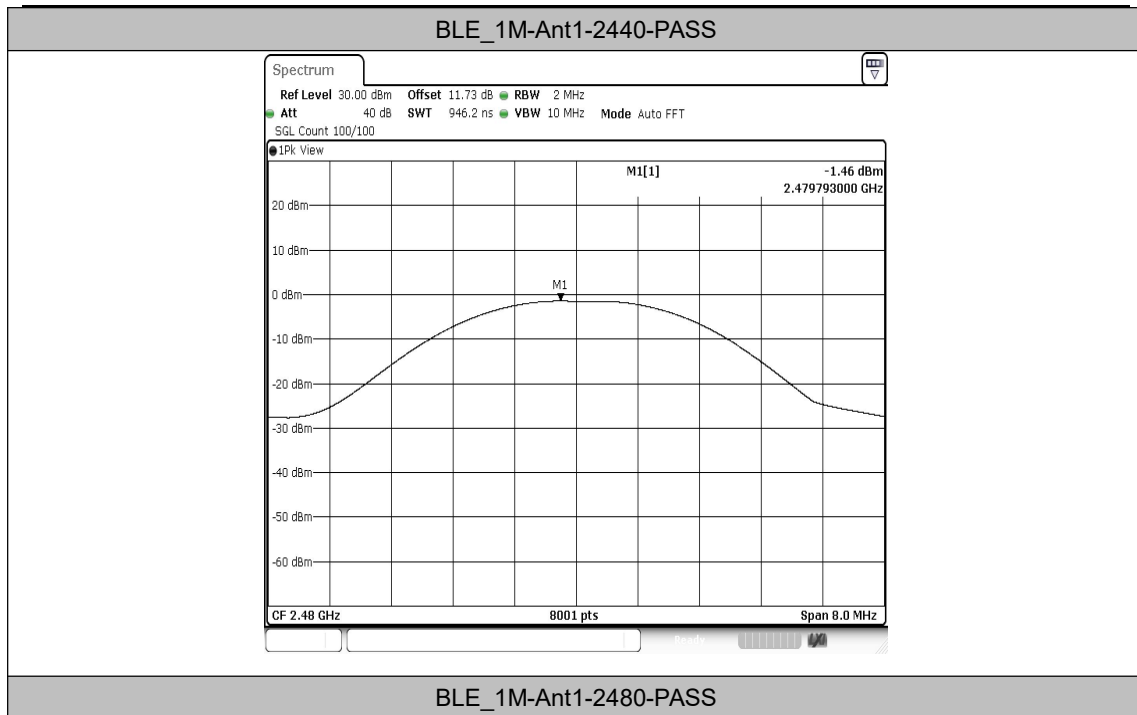
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

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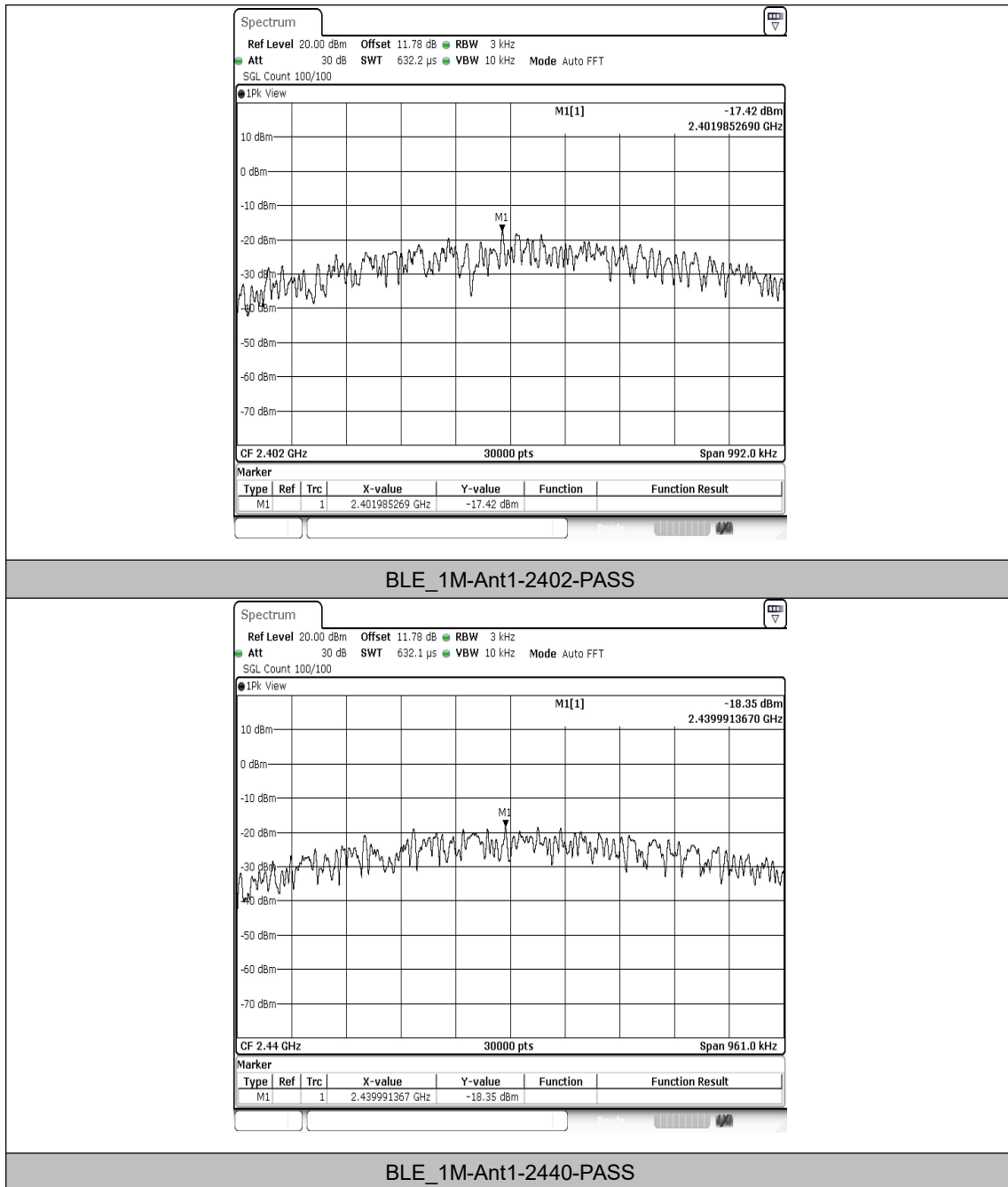
## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -17.42           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -18.35           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -17.18           | ≤8.00           | PASS    |



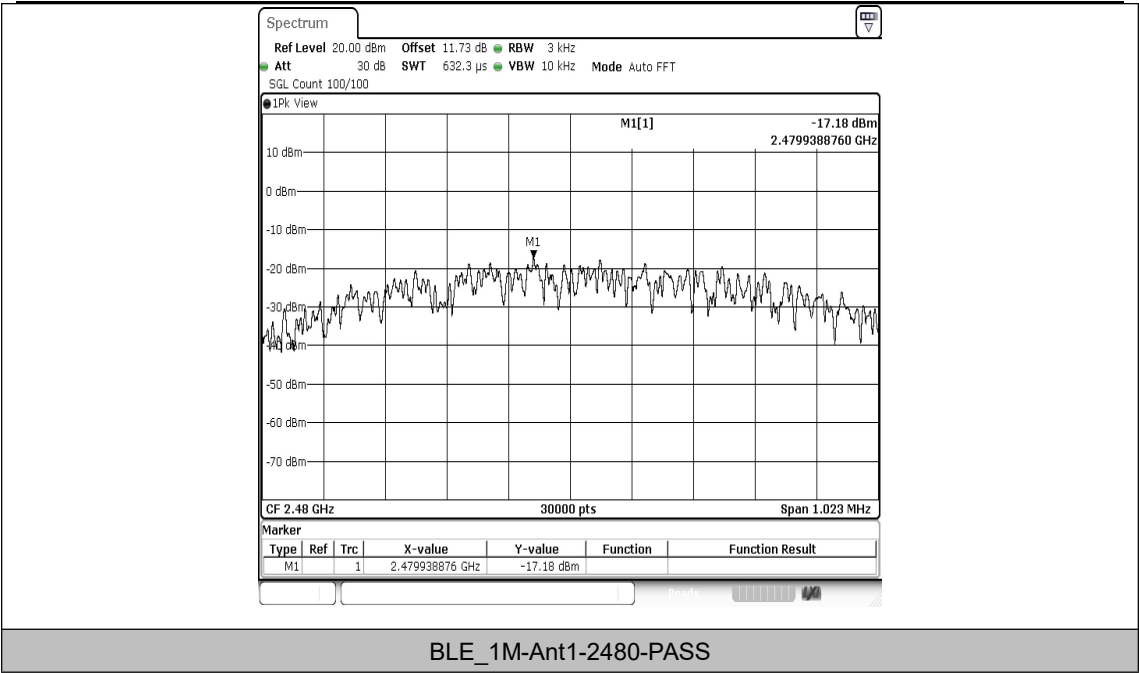
## Test Graphs



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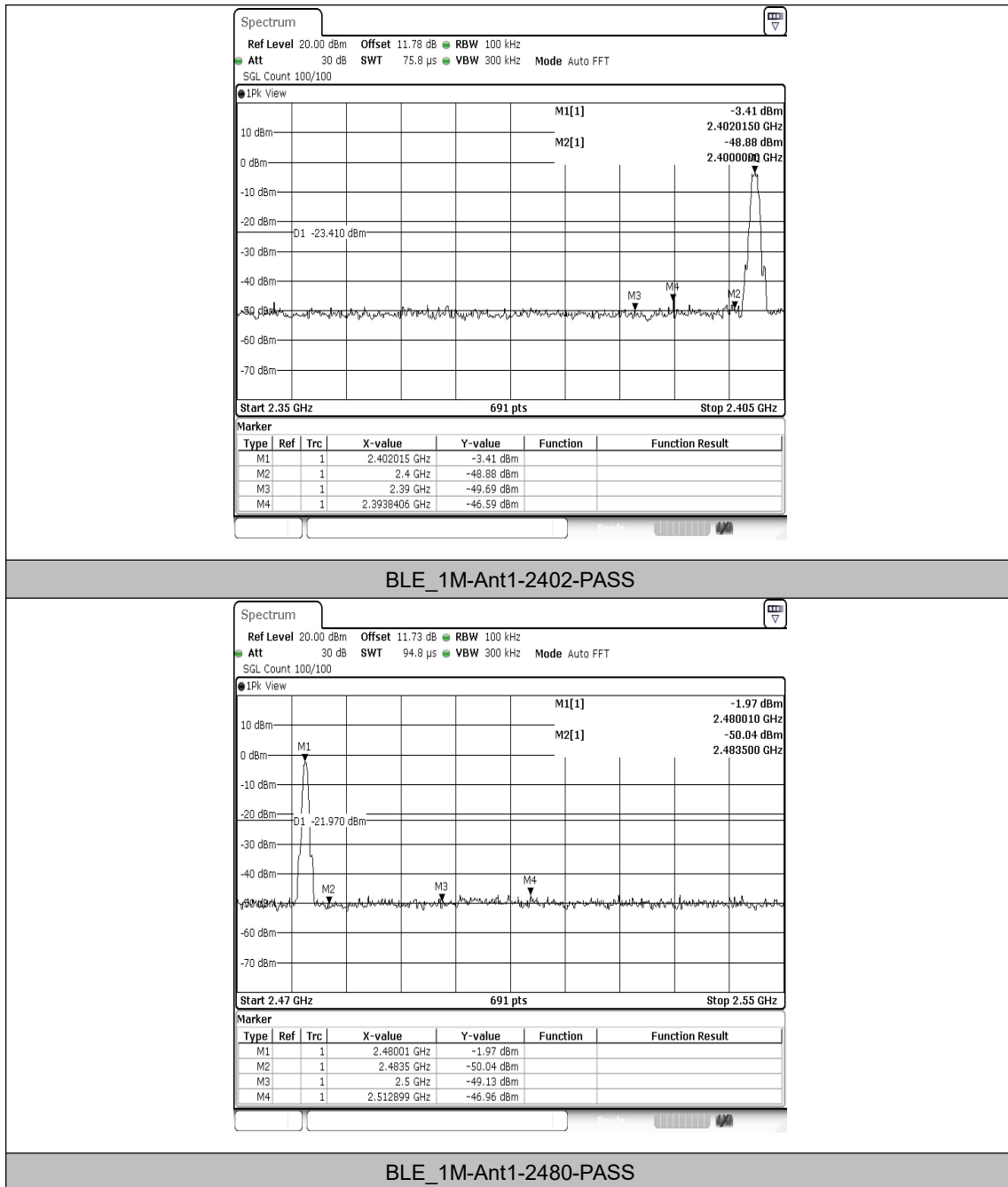
## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | Low    | 2402            | -3.41          | -46.59       | ≤-23.41     | PASS    |
| BLE_1M    | Ant1    | High   | 2480            | -1.97          | -46.96       | ≤-21.97     | PASS    |



## Test Graphs

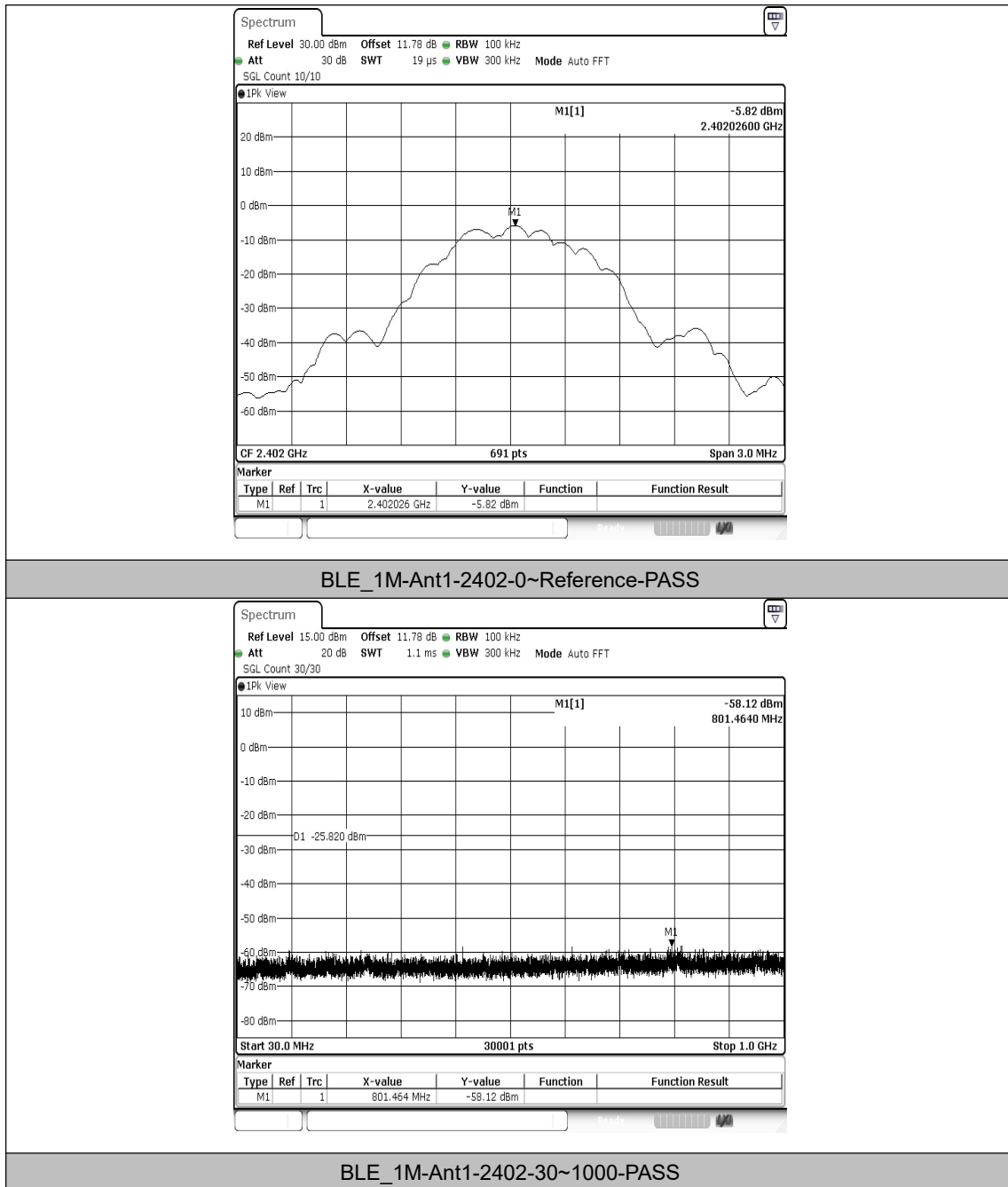


## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| BLE_1M    | Ant1    | 2402            | 0~Reference       | -5.82            | -5.82        | ---         | PASS    |
| BLE_1M    | Ant1    | 2402            | 30~1000           | -5.82            | -58.12       | ≤-25.82     | PASS    |
| BLE_1M    | Ant1    | 2402            | 1000~26500        | -5.82            | -43.82       | ≤-25.82     | PASS    |
| BLE_1M    | Ant1    | 2440            | 0~Reference       | -5.20            | -5.20        | ---         | PASS    |
| BLE_1M    | Ant1    | 2440            | 30~1000           | -5.20            | -57.98       | ≤-25.2      | PASS    |
| BLE_1M    | Ant1    | 2440            | 1000~26500        | -5.20            | -44.09       | ≤-25.2      | PASS    |
| BLE_1M    | Ant1    | 2480            | 0~Reference       | -4.90            | -4.90        | ---         | PASS    |
| BLE_1M    | Ant1    | 2480            | 30~1000           | -4.90            | -58.25       | ≤-24.9      | PASS    |
| BLE_1M    | Ant1    | 2480            | 1000~26500        | -4.90            | -43.59       | ≤-24.9      | PASS    |

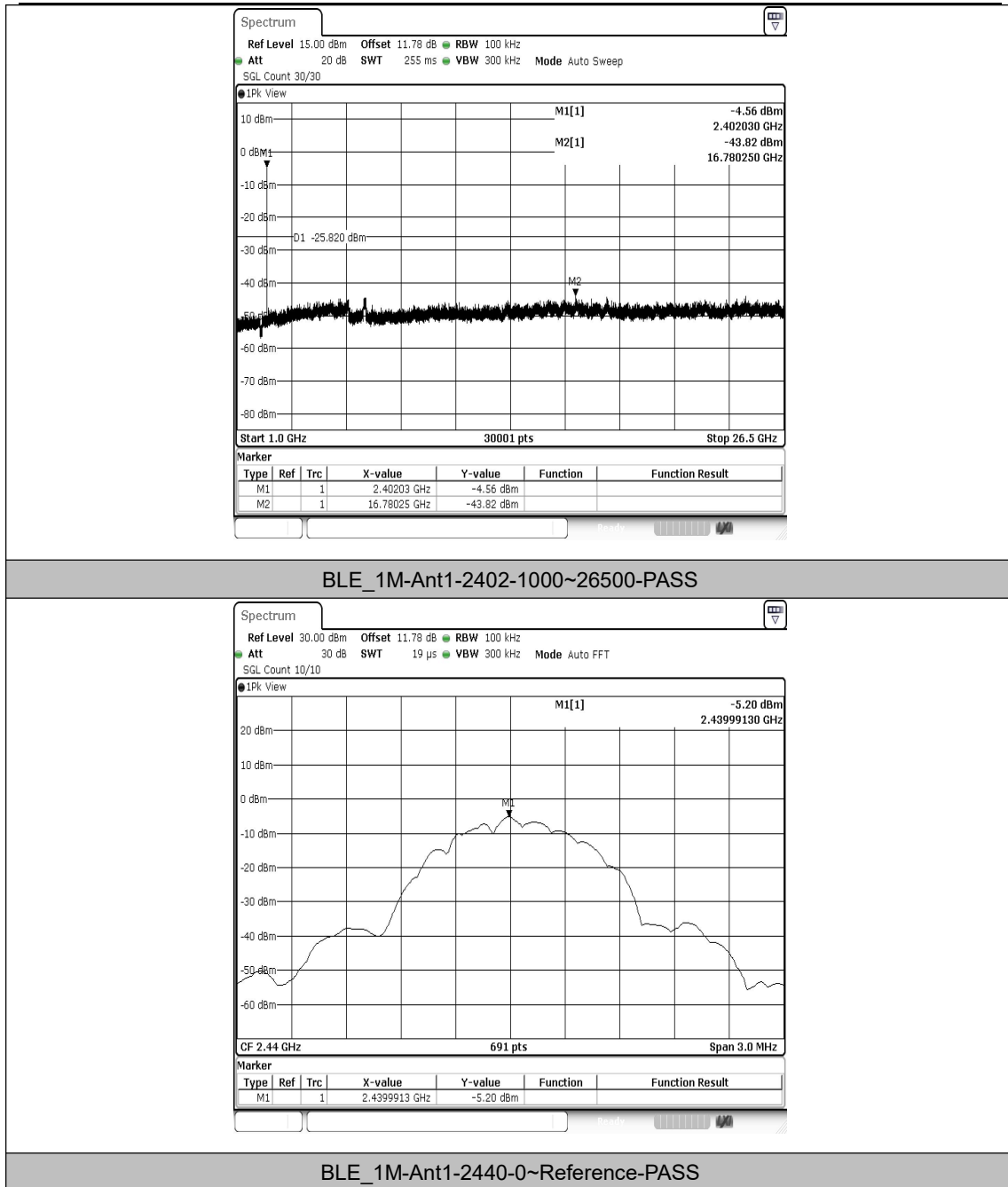
## Test Graphs



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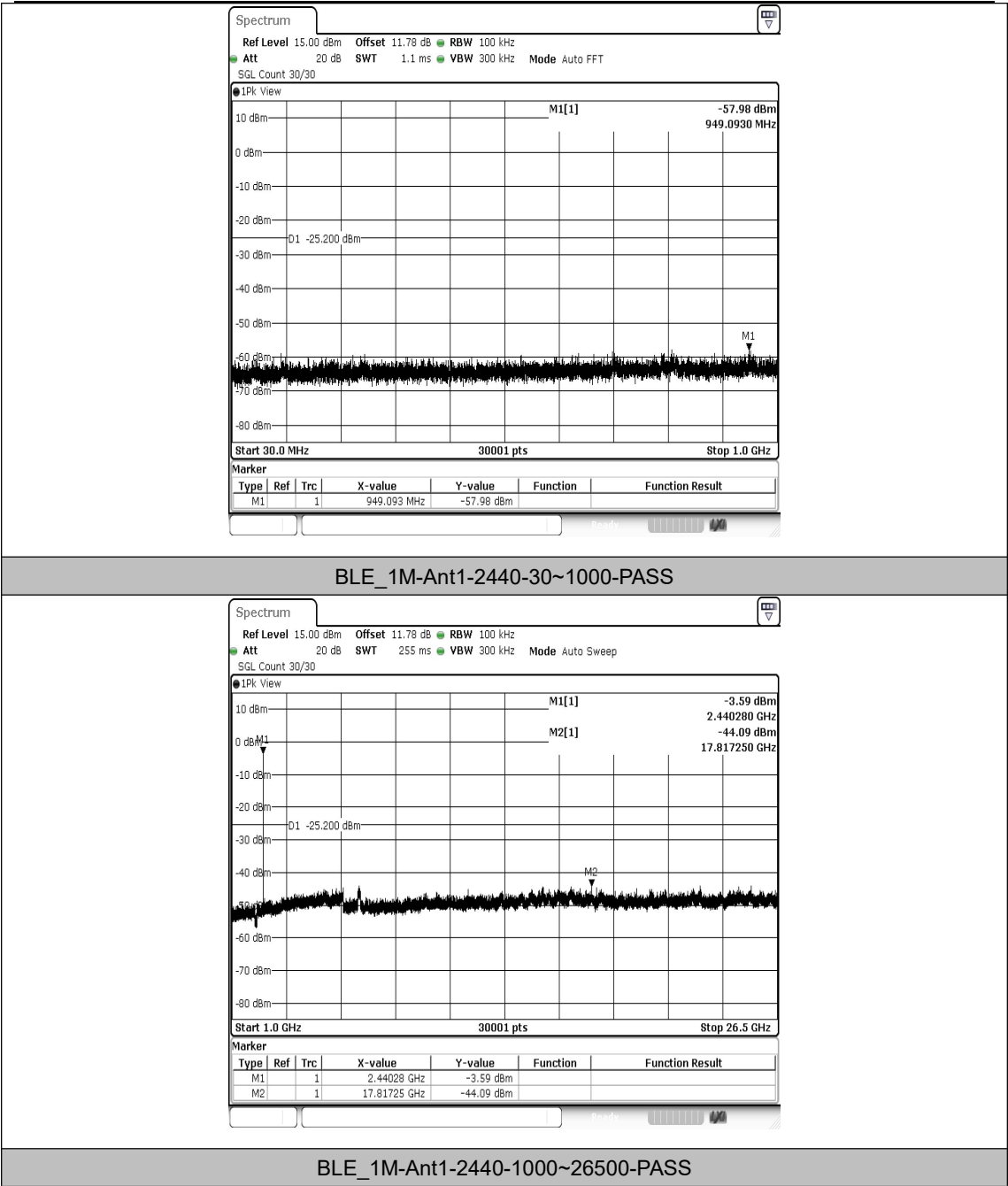
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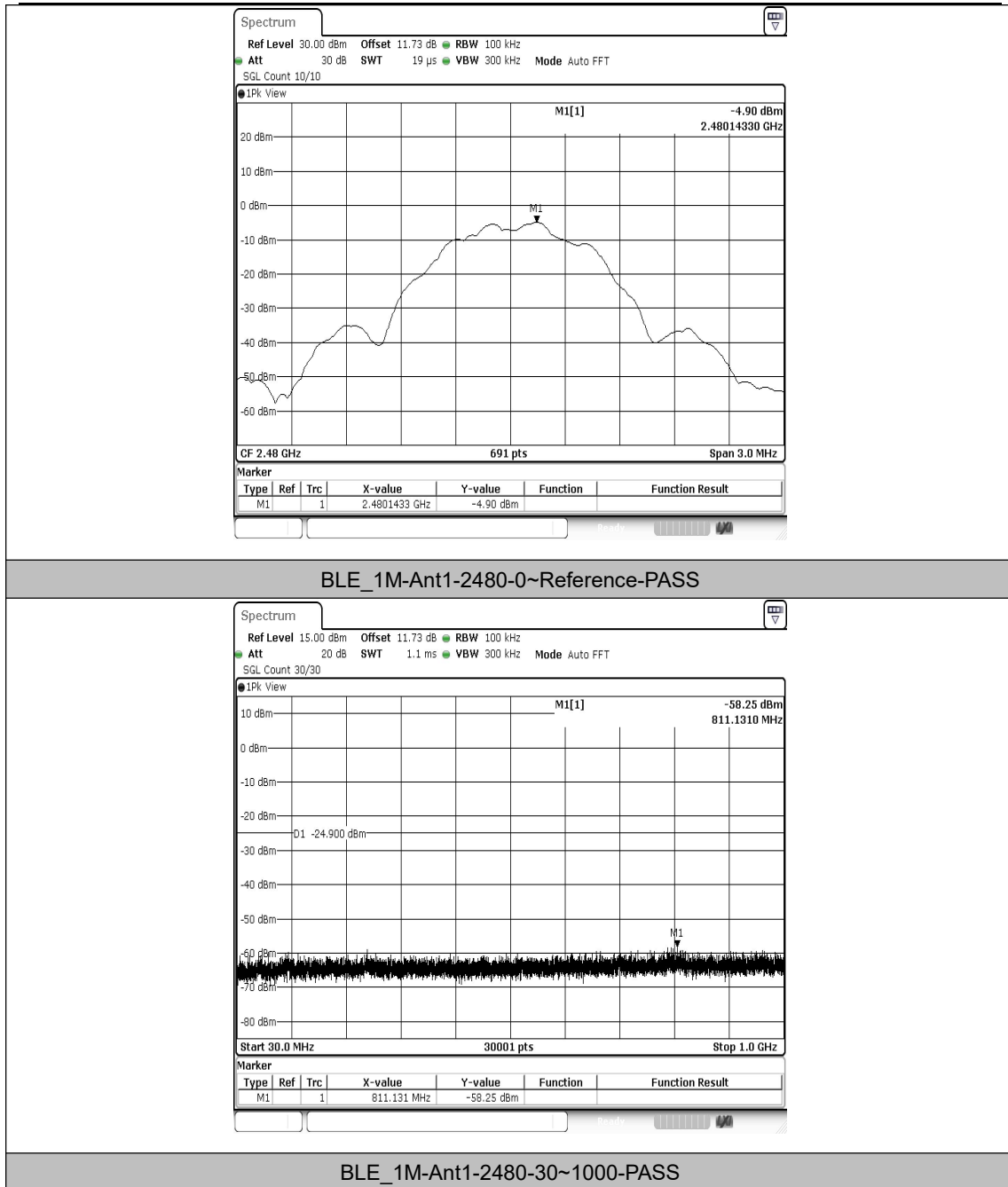


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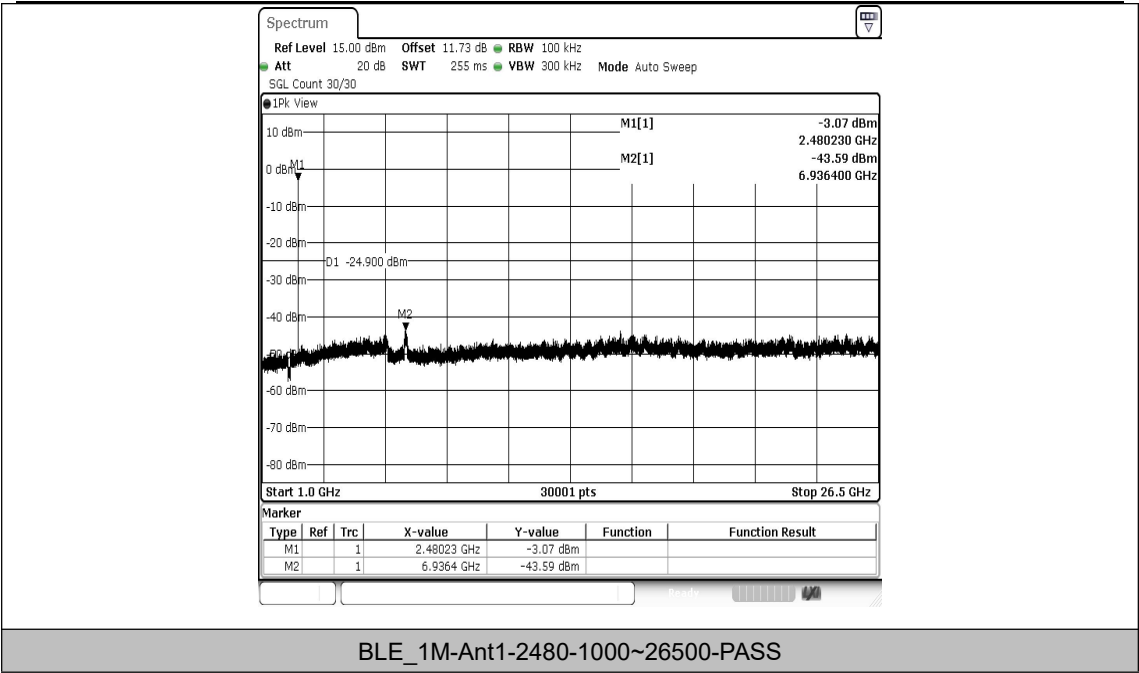




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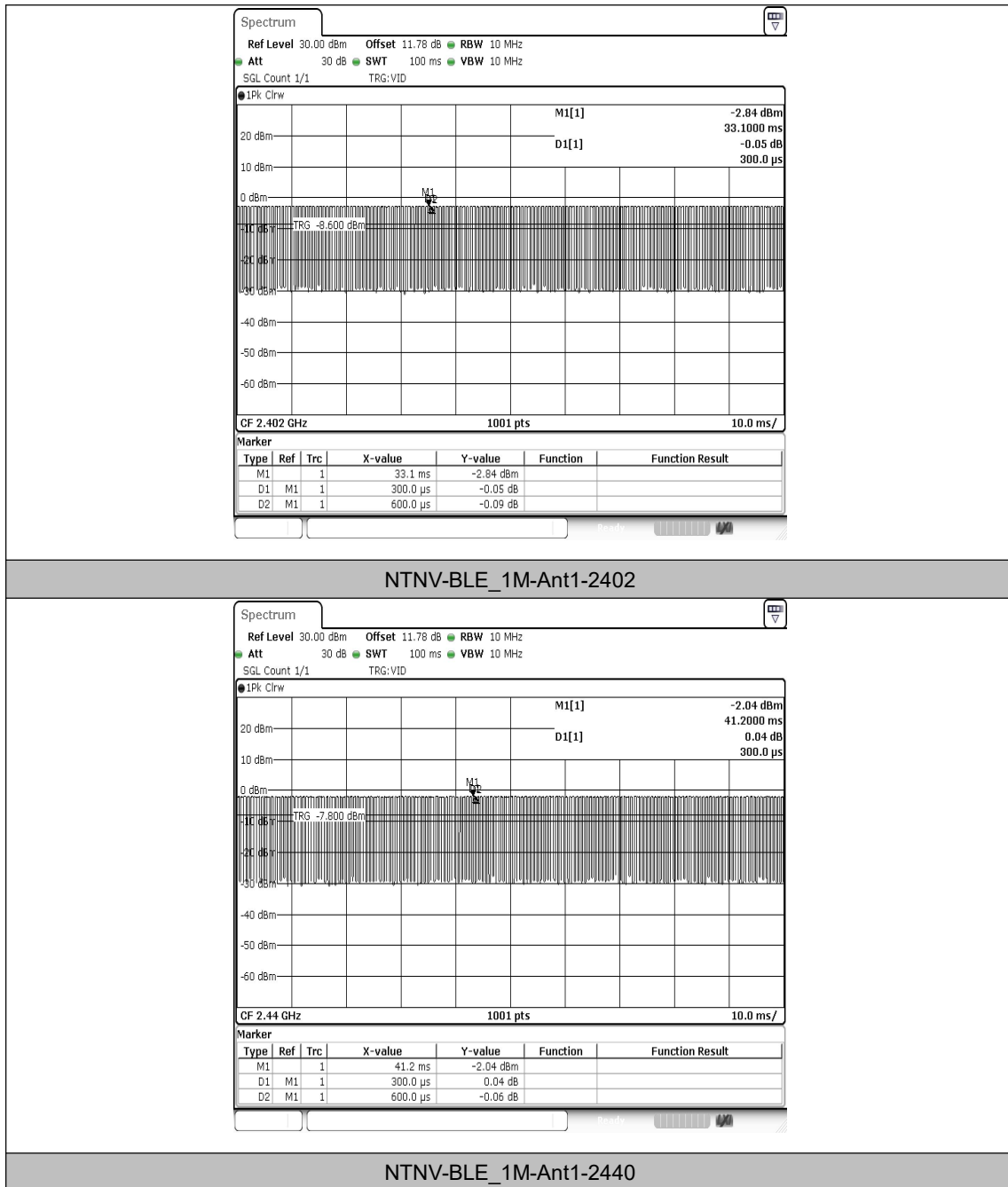
## Appendix G: Duty Cycle

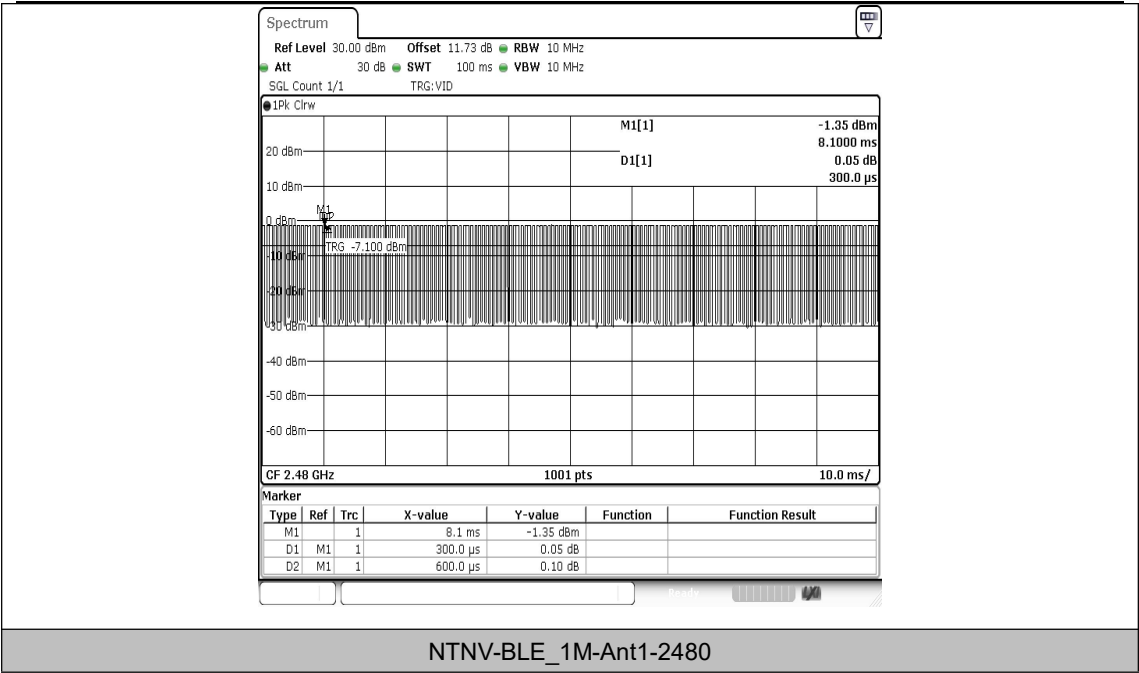
### Test Result

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|-----------|---------|-----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M    | Ant1    | 2402            | 0.30         | 0.60        | 50.00          | 3.01                  |
| BLE_1M    | Ant1    | 2440            | 0.30         | 0.60        | 50.00          | 3.01                  |
| BLE_1M    | Ant1    | 2480            | 0.30         | 0.60        | 50.00          | 3.01                  |



## Test Graphs





---End---