

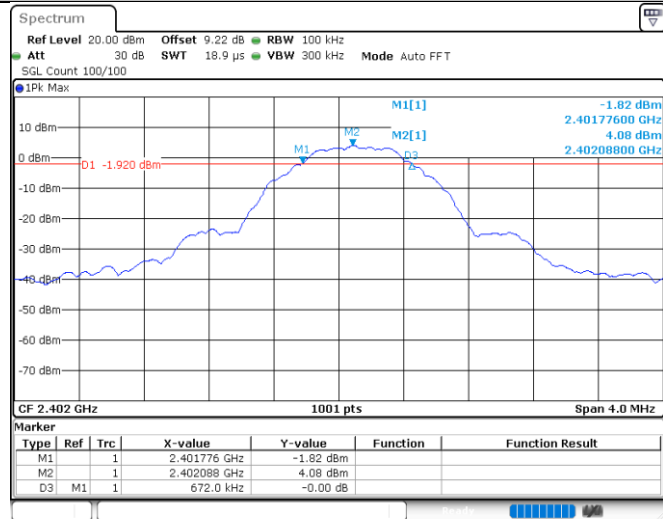
## Appendix A: DTS Bandwidth

### Test Result

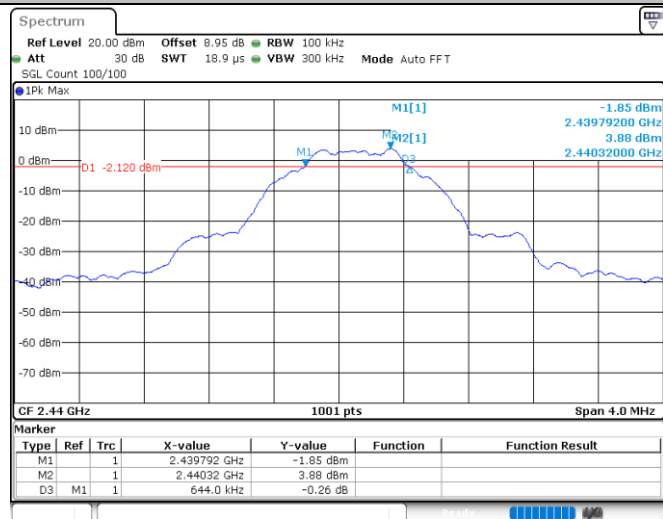
| TestMode | Antenna | Channel | DTS BW<br>[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 0.67            | 2401.78 | 2402.45 | 0.5        | PASS    |
|          |         | 2440    | 0.64            | 2439.79 | 2440.44 | 0.5        | PASS    |
|          |         | 2480    | 0.64            | 2479.79 | 2480.42 | 0.5        | PASS    |

## Test Graphs

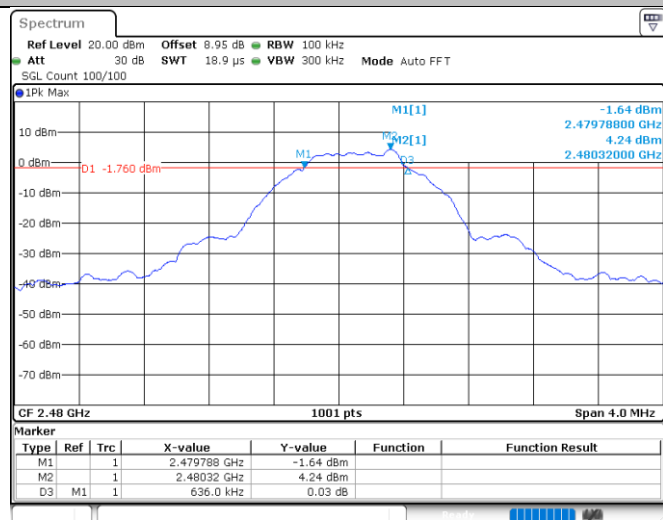
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



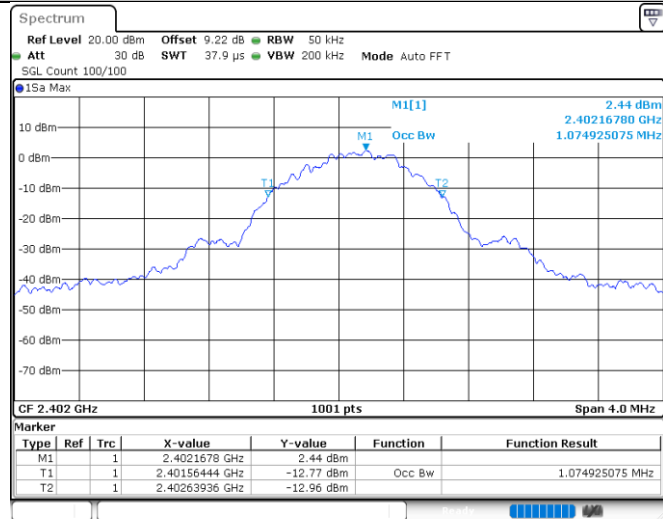
**Appendix B: Occupied Channel Bandwidth**

**Test Result**

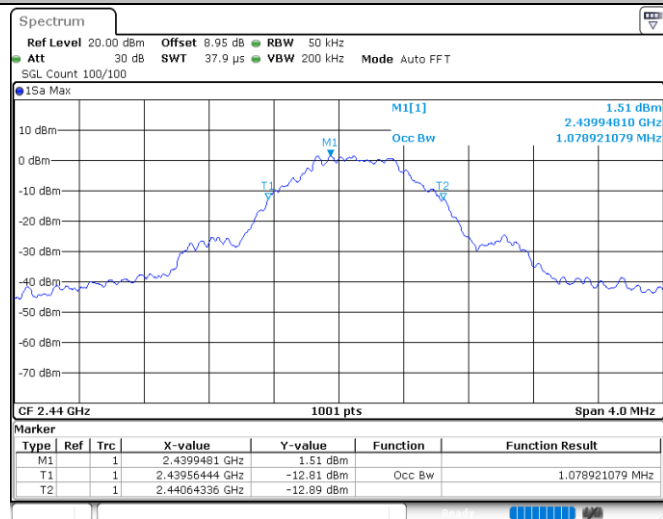
| TestMode | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 1.075     | ---        | ---     |
|          |         | 2440    | 1.079     | ---        | ---     |
|          |         | 2480    | 1.083     | ---        | ---     |

## Test Graphs

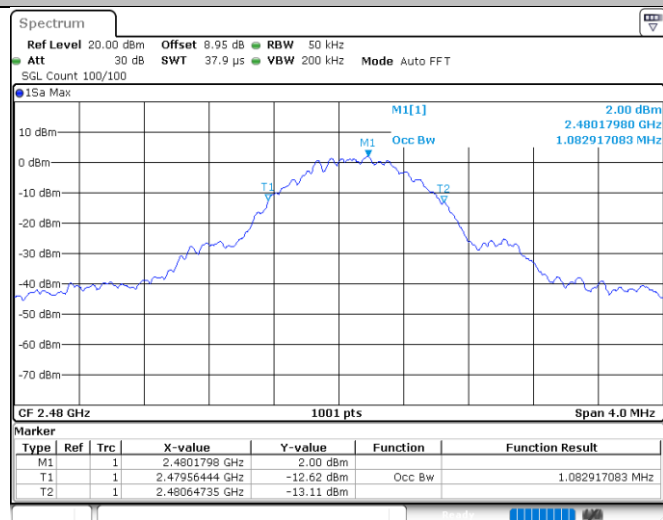
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



## Appendix C: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Channel | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|---------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402    | 5.33                      | ≤30                  | PASS    |
|          |         | 2440    | 4.95                      | ≤30                  | PASS    |
|          |         | 2480    | 5.03                      | ≤30                  | PASS    |

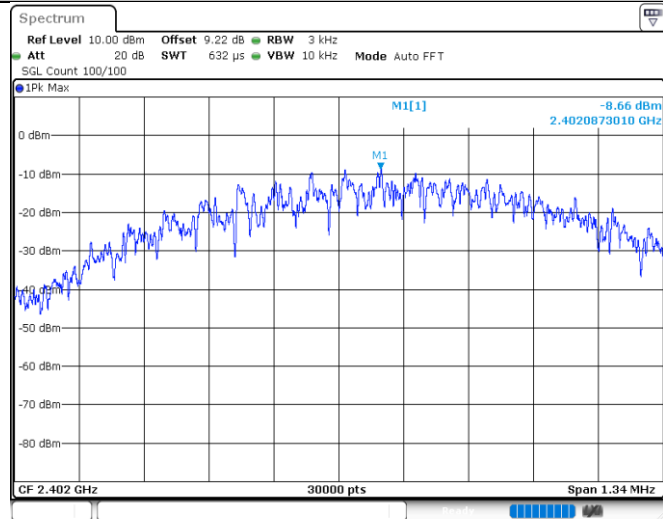
**Appendix D: Maximum power spectral density**

**Test Result**

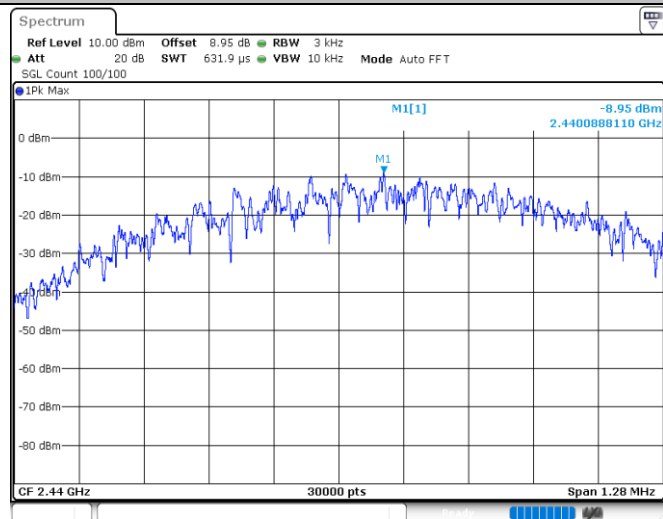
| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402    | -8.66            | ≤8.00           | PASS    |
|          |         | 2440    | -8.95            | ≤8.00           | PASS    |
|          |         | 2480    | -8.82            | ≤8.00           | PASS    |

## Test Graphs

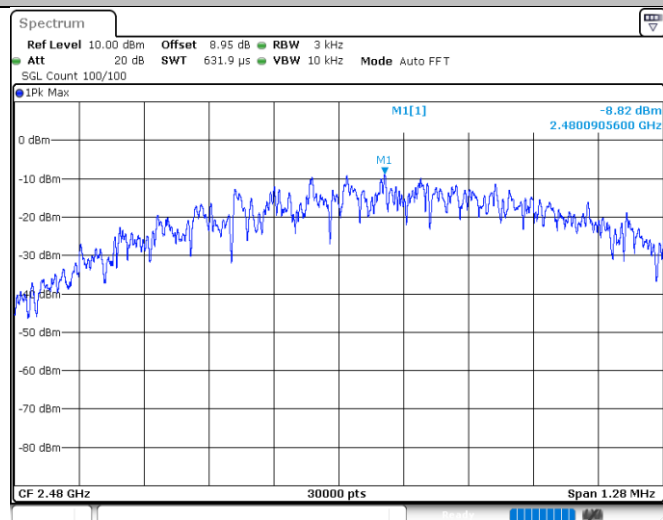
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



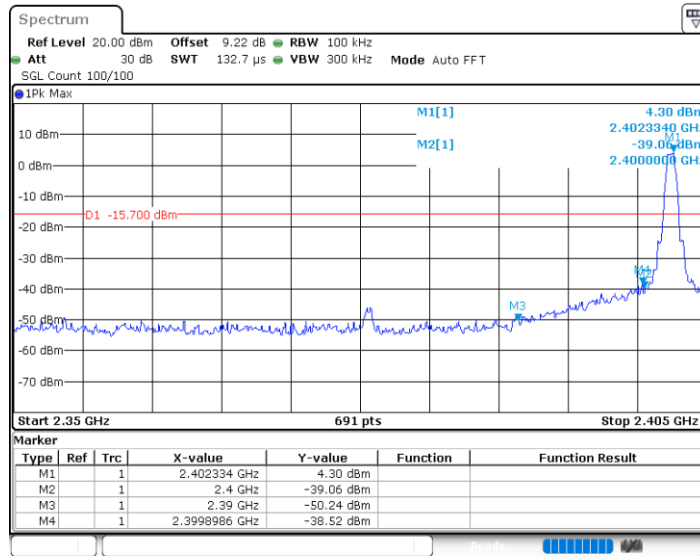
## Appendix E: Band edge measurements

### Test Result

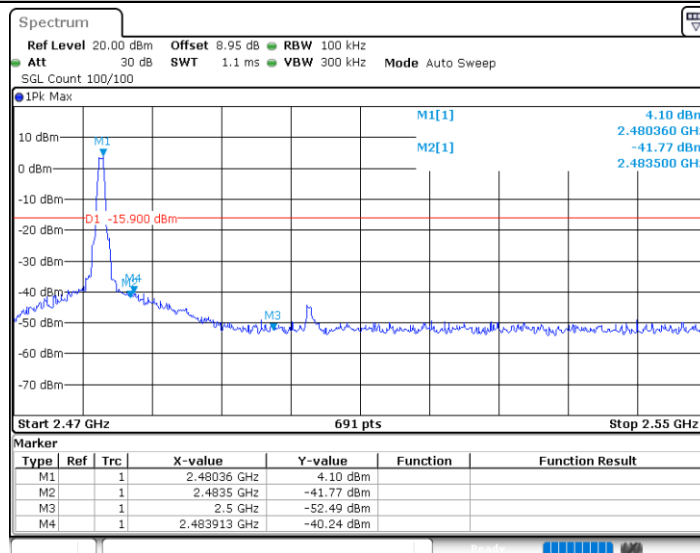
| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402    | 4.30          | -38.52      | ≤-15.7     | PASS    |
|          |         | High   | 2480    | 4.10          | -40.24      | ≤-15.9     | PASS    |

## Test Graphs

BLE\_1M\_Ant1\_Low\_2402



BLE\_1M\_Ant1\_High\_2480



## Appendix F: Conducted Spurious Emission

### Test Result

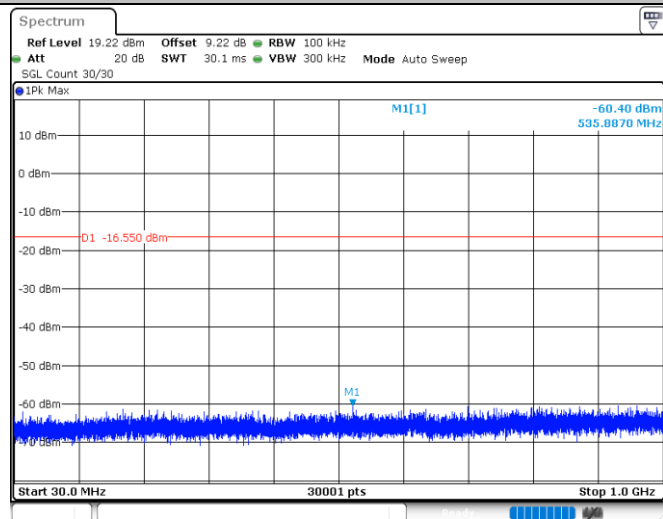
| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402    | Reference          | 3.45              | 3.45        | ---        | PASS    |
|          |         |         | 30~1000            | 3.45              | -60.4       | ≤-16.55    | PASS    |
|          |         |         | 1000~26500         | 3.45              | -30.07      | ≤-16.55    | PASS    |
|          |         | 2440    | Reference          | 2.86              | 2.86        | ---        | PASS    |
|          |         |         | 30~1000            | 2.86              | -60.27      | ≤-17.14    | PASS    |
|          |         |         | 1000~26500         | 2.86              | -30.88      | ≤-17.14    | PASS    |
|          |         | 2480    | Reference          | 3.40              | 3.40        | ---        | PASS    |
|          |         |         | 30~1000            | 3.40              | -60.71      | ≤-16.6     | PASS    |
|          |         |         | 1000~26500         | 3.40              | -29.57      | ≤-16.6     | PASS    |

## Test Graphs

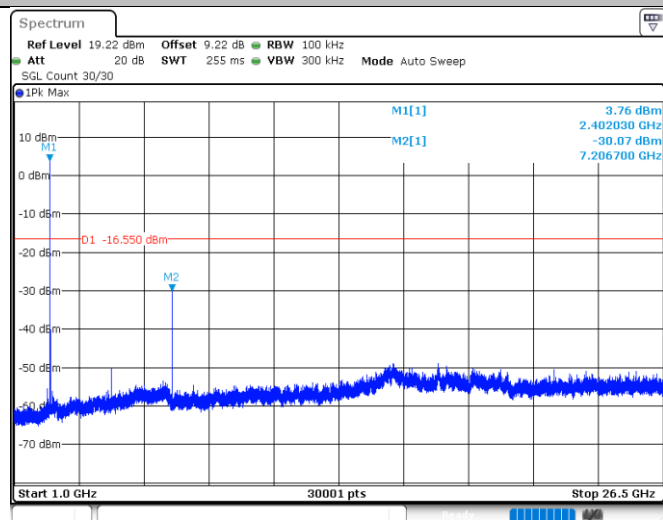
BLE\_1M\_Ant1\_2402\_0~Reference



BLE\_1M\_Ant1\_2402\_30~1000



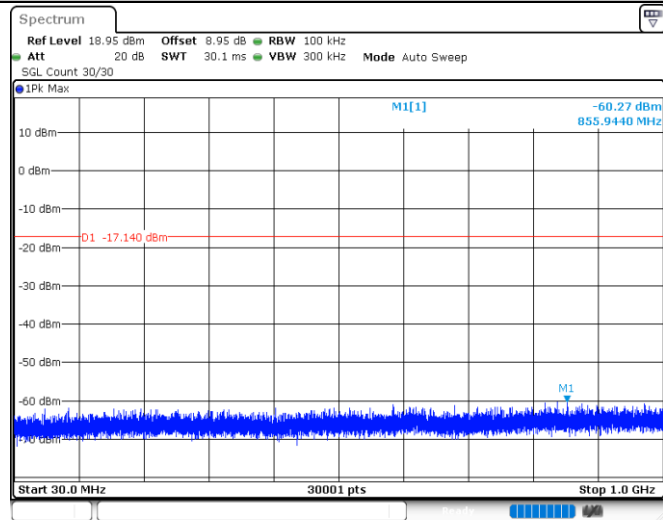
BLE\_1M\_Ant1\_2402\_1000~26500



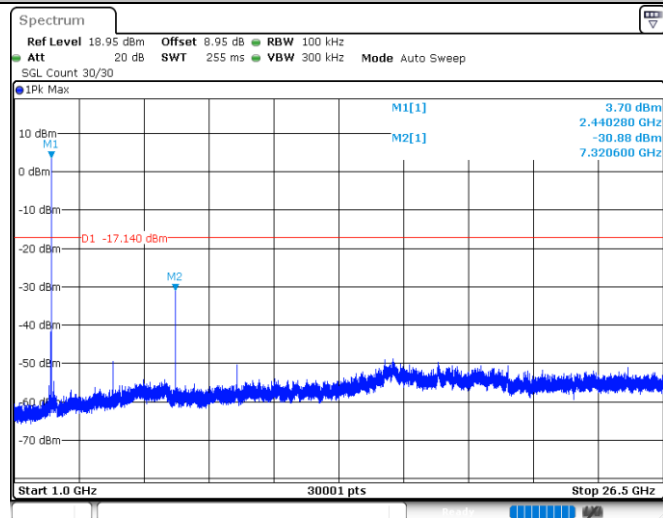
### BLE\_1M\_Ant1\_2440\_0~Reference



### BLE\_1M\_Ant1\_2440\_30~1000



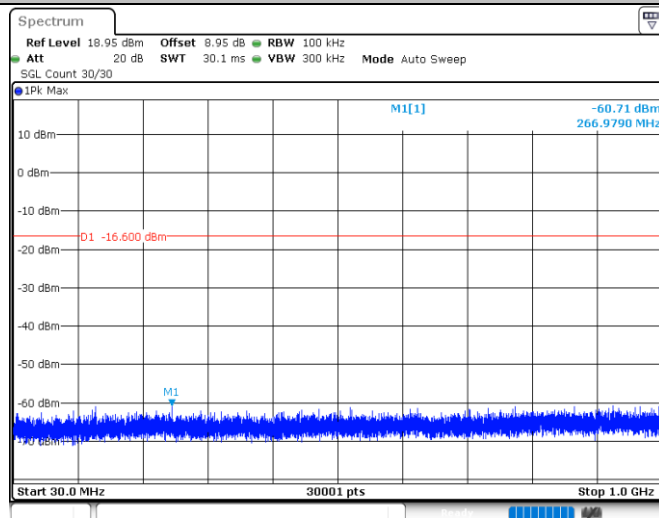
### BLE\_1M\_Ant1\_2440\_1000~26500



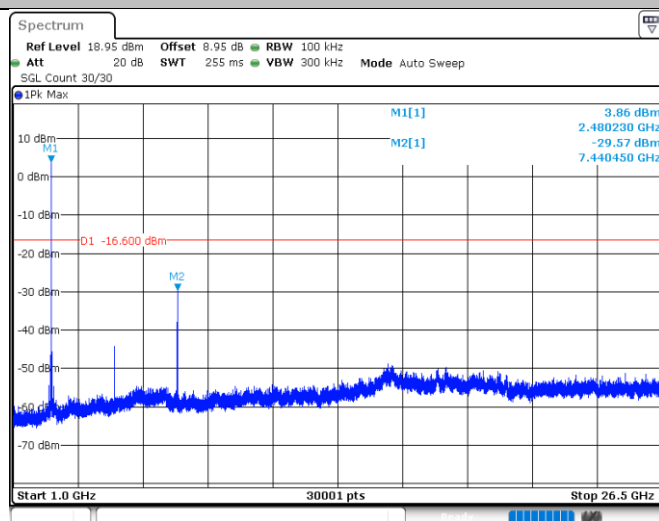
### BLE\_1M\_Ant1\_2480\_0~Reference



BLE\_1M\_Ant1\_2480\_30~1000



BLE\_1M\_Ant1\_2480\_1000~26500



## Appendix G: Duty Cycle

### Test Result

| TestMode | Antenna | Channel | ON Time<br>[ms] | Period<br>[ms] | X   | DC<br>[%] | xFactor | Limit | Verdict |
|----------|---------|---------|-----------------|----------------|-----|-----------|---------|-------|---------|
| BLE_1M   | Ant1    | 2402    | 20.00           | 20.00          | NaN | 100       | NaN     | ---   | ---     |
|          |         | 2440    | 20.00           | 20.00          | NaN | 100       | NaN     | ---   | ---     |
|          |         | 2480    | 20.00           | 20.00          | NaN | 100       | NaN     | ---   | ---     |

Test Graphs

