

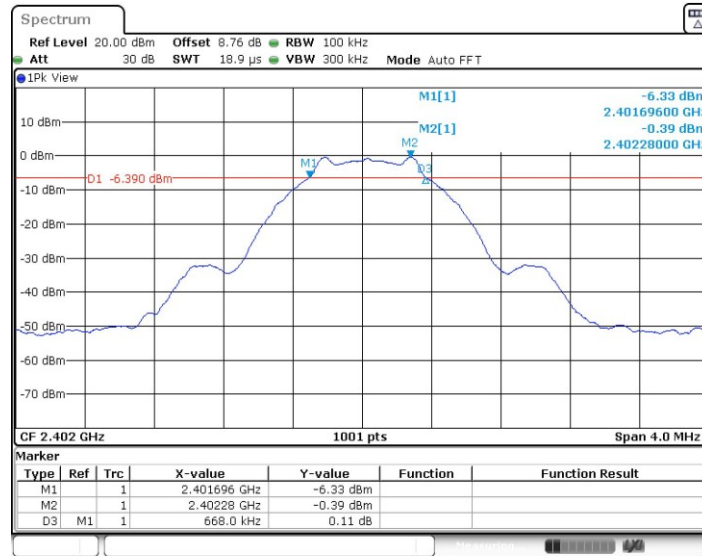
## Appendix B: DTS Bandwidth

### Test Result

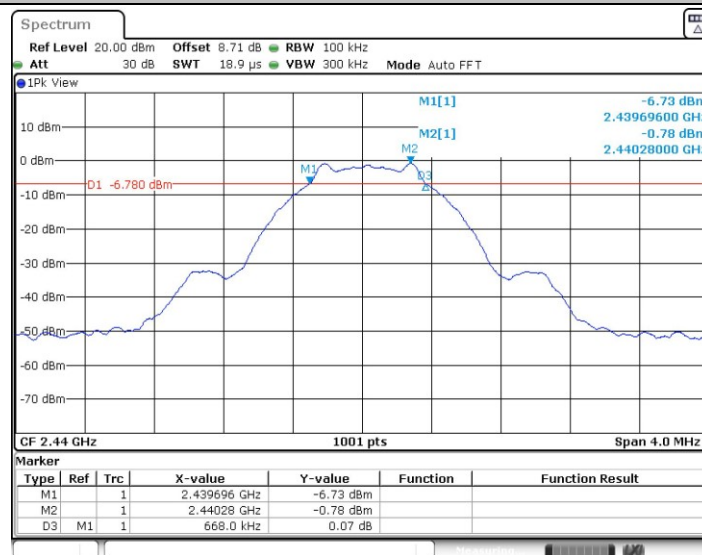
| TestMode | Antenna | Channel | DTS BW<br>[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 0.67            | 2401.70 | 2402.36 | 0.5        | PASS    |
|          |         | 2440    | 0.67            | 2439.70 | 2440.36 | 0.5        | PASS    |
|          |         | 2480    | 0.67            | 2479.70 | 2480.37 | 0.5        | PASS    |

## Test Graphs

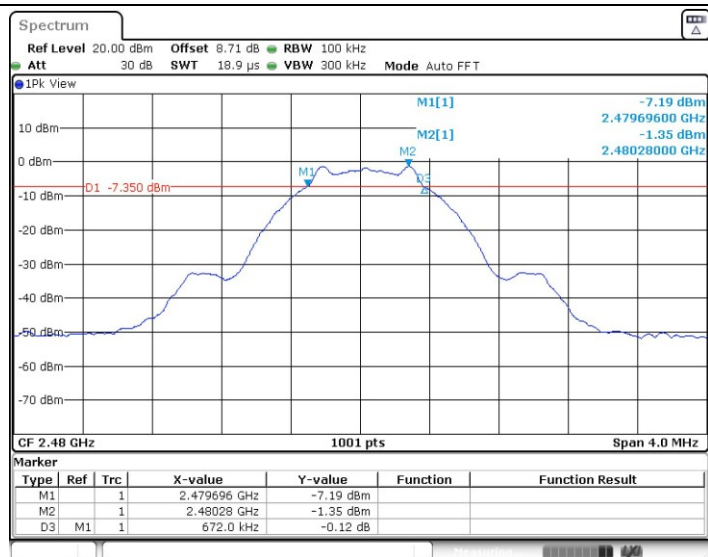
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



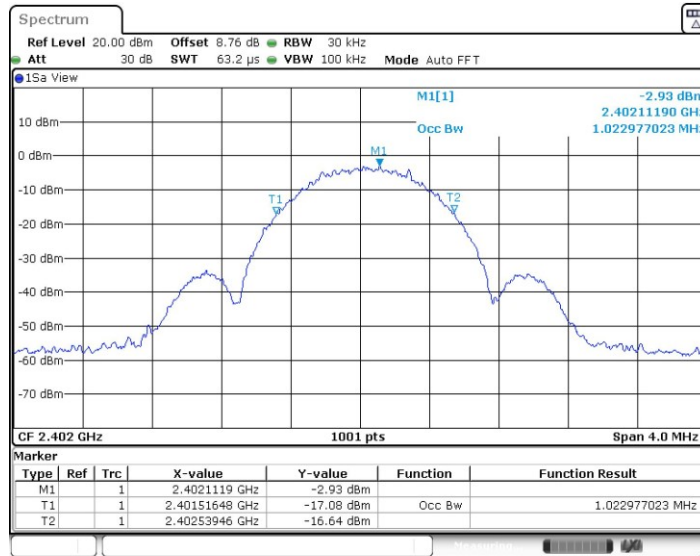
## Appendix C: Occupied Channel Bandwidth

### Test Result

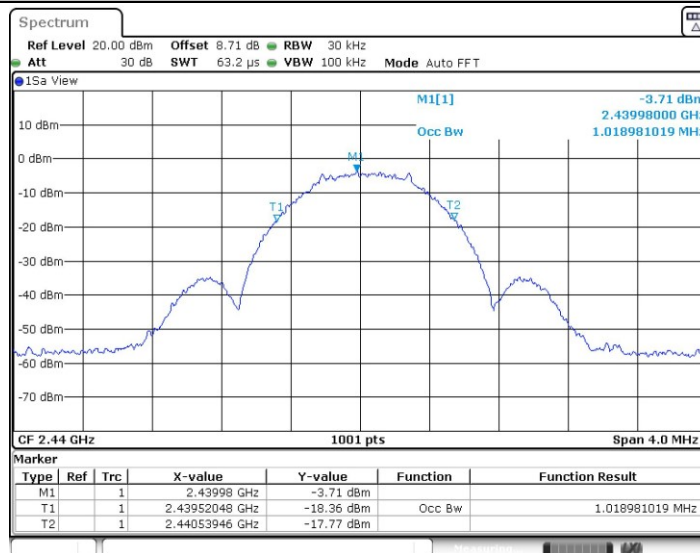
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 1.023     | 2401.517 | 2402.540 | ---        | ---     |
|          |         | 2440    | 1.019     | 2439.521 | 2440.540 | ---        | ---     |
|          |         | 2480    | 1.027     | 2479.517 | 2480.544 | ---        | ---     |

## Test Graphs

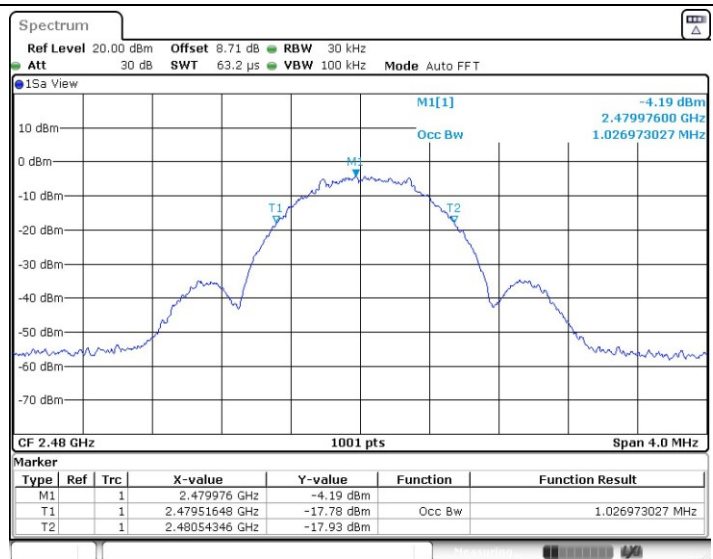
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



## Appendix D: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Channel | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|---------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402    | -0.2                      | ≤30                  | PASS    |
|          |         | 2440    | -0.56                     | ≤30                  | PASS    |
|          |         | 2480    | -1.18                     | ≤30                  | PASS    |

## Appendix E: Maximum power spectral density

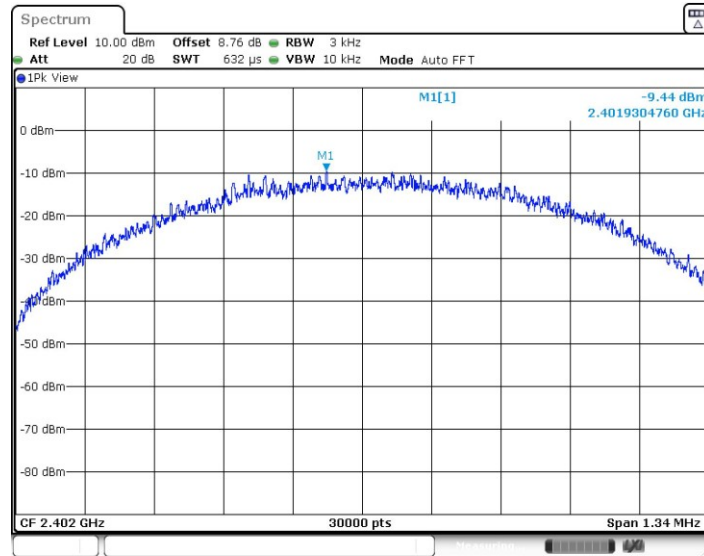
### Test Result

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402    | -9.44            | ≤8.00           | PASS    |
|          |         | 2440    | -9.54            | ≤8.00           | PASS    |
|          |         | 2480    | -9.76            | ≤8.00           | PASS    |

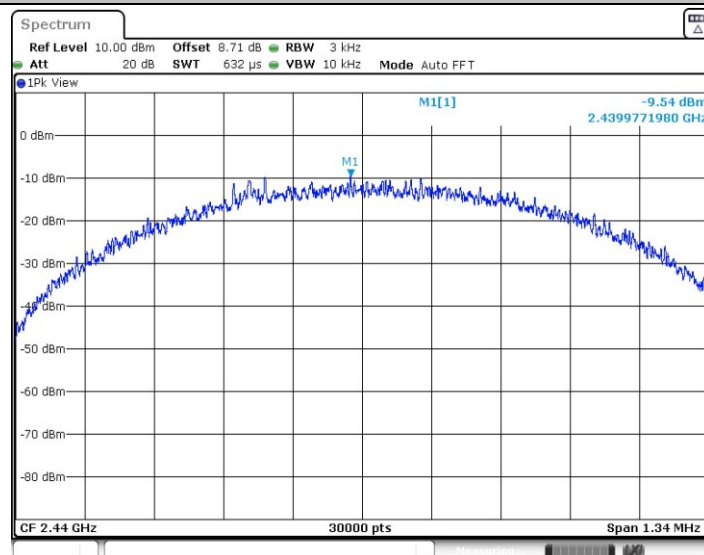


## Test Graphs

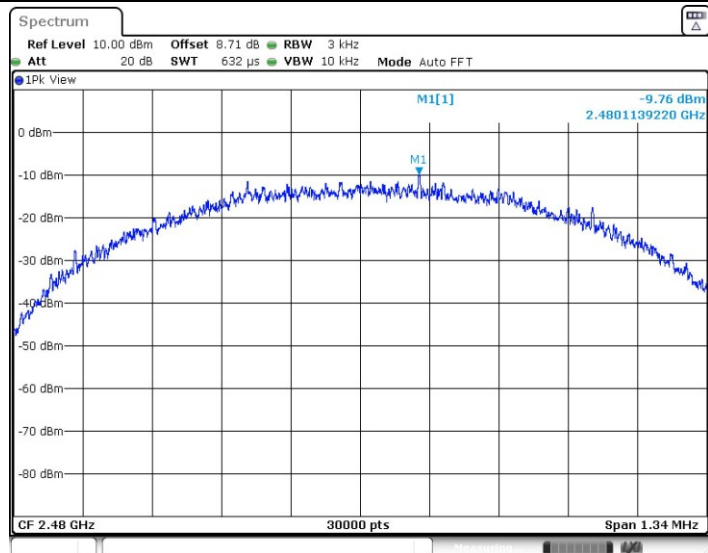
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



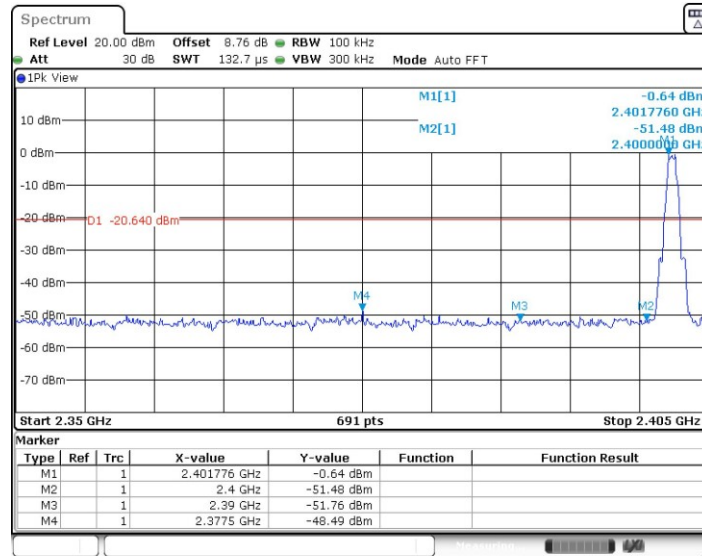
## Appendix F: Band edge measurements

### Test Result

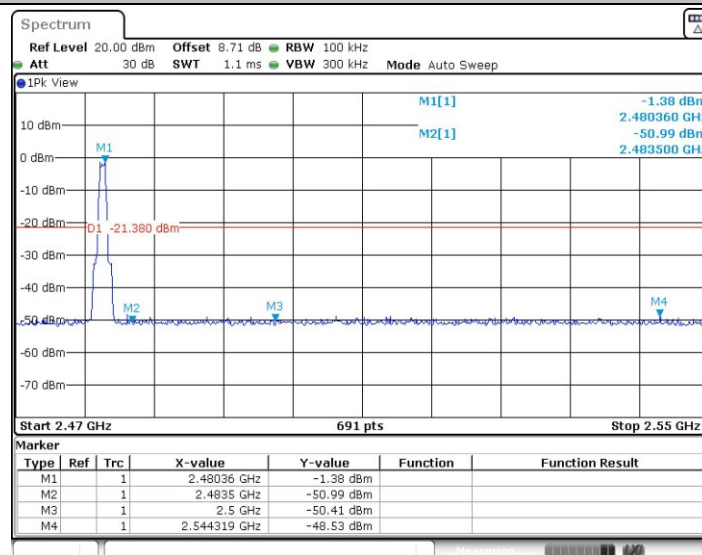
| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402    | -0.64         | -48.49      | ≤-20.64    | PASS    |
|          |         | High   | 2480    | -1.38         | -48.53      | ≤-21.38    | PASS    |

## Test Graphs

BLE\_1M\_Ant1\_Low\_2402



BLE\_1M\_Ant1\_High\_2480



## Appendix G: Conducted Spurious Emission

### Test Result

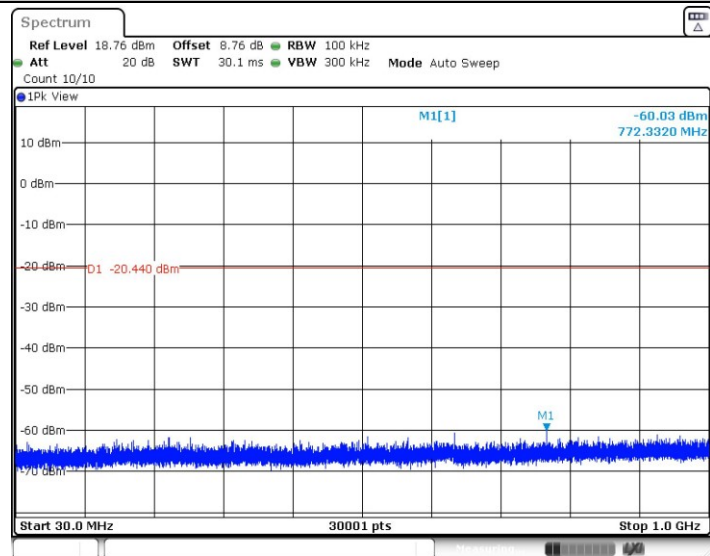
| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402    | Reference          | -0.44             | -0.44       | ---        | PASS    |
|          |         |         | 30~1000            | -0.44             | -60.03      | ≤-20.44    | PASS    |
|          |         |         | 1000~26500         | -0.44             | -39.35      | ≤-20.44    | PASS    |
|          |         | 2440    | Reference          | -0.80             | -0.80       | ---        | PASS    |
|          |         |         | 30~1000            | -0.80             | -61.2       | ≤-20.8     | PASS    |
|          |         |         | 1000~26500         | -0.80             | -49.54      | ≤-20.8     | PASS    |
|          |         | 2480    | Reference          | -1.40             | -1.40       | ---        | PASS    |
|          |         |         | 30~1000            | -1.40             | -59.93      | ≤-21.4     | PASS    |
|          |         |         | 1000~26500         | -1.40             | -36.69      | ≤-21.4     | PASS    |

## Test Graphs

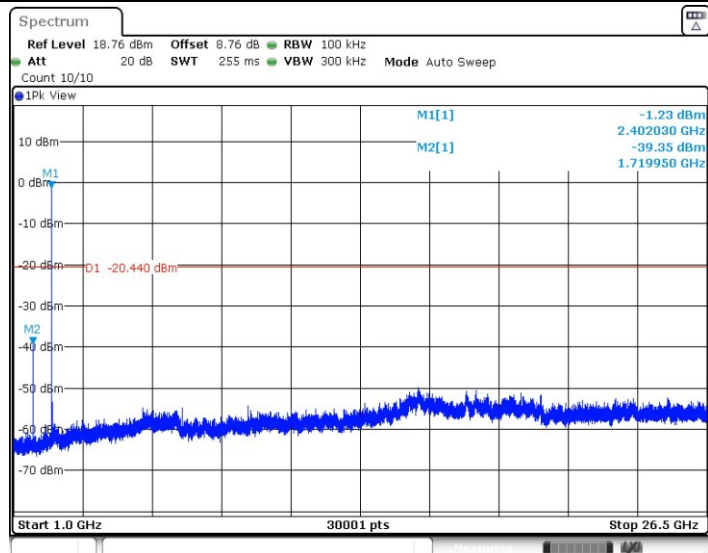
BLE\_1M\_Ant1\_2402\_0~Reference



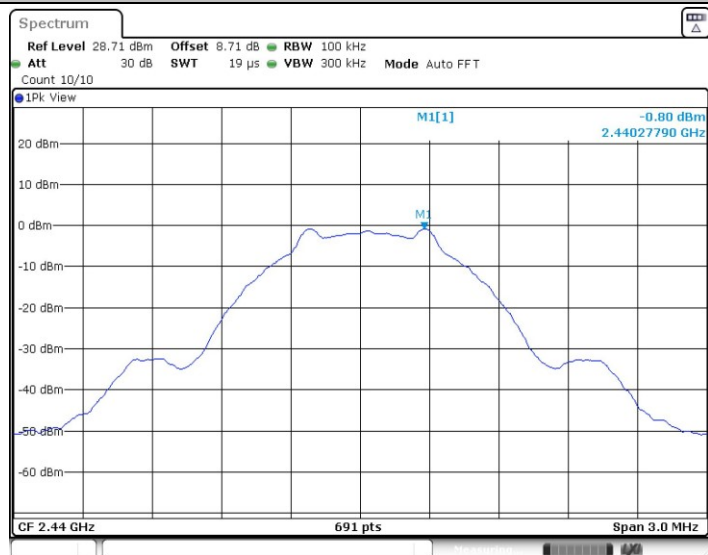
BLE\_1M\_Ant1\_2402\_30~1000



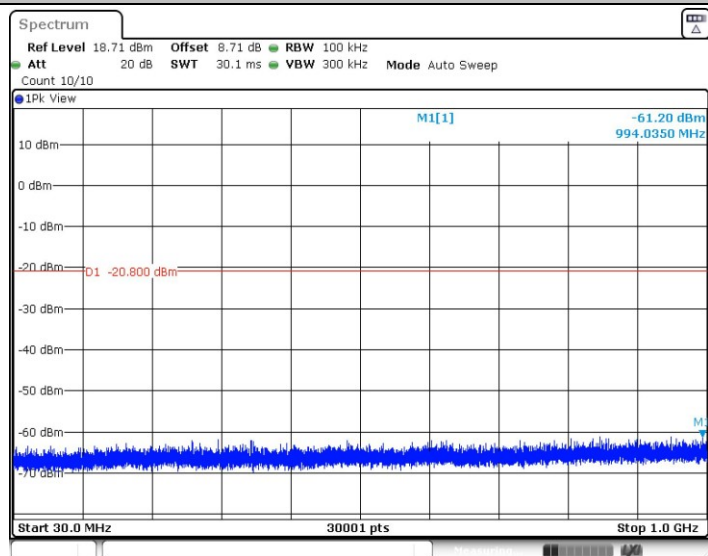
BLE\_1M\_Ant1\_2402\_1000~26500



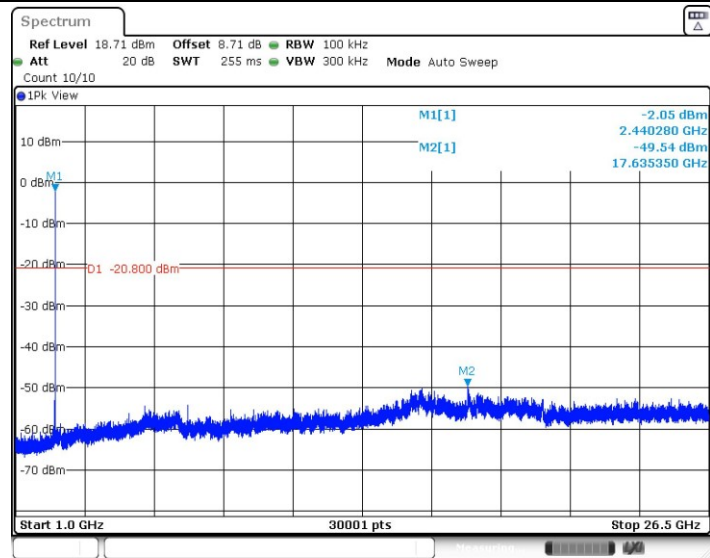
BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



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

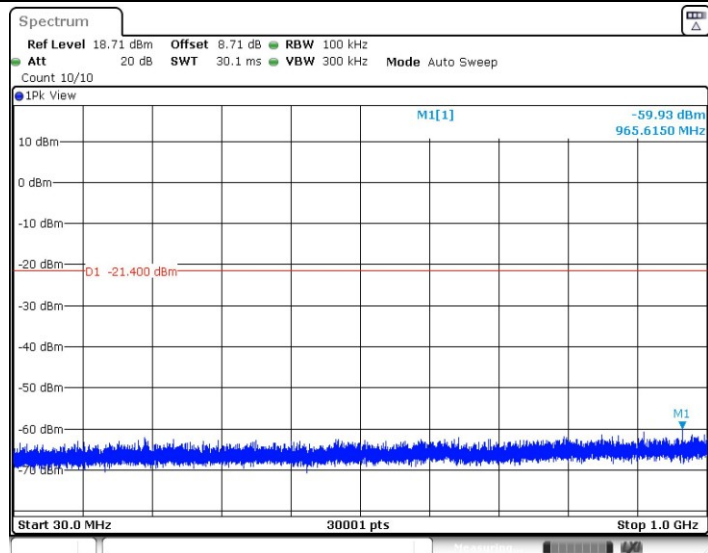


# BLE\_1M\_Ant1\_2480\_0~Reference

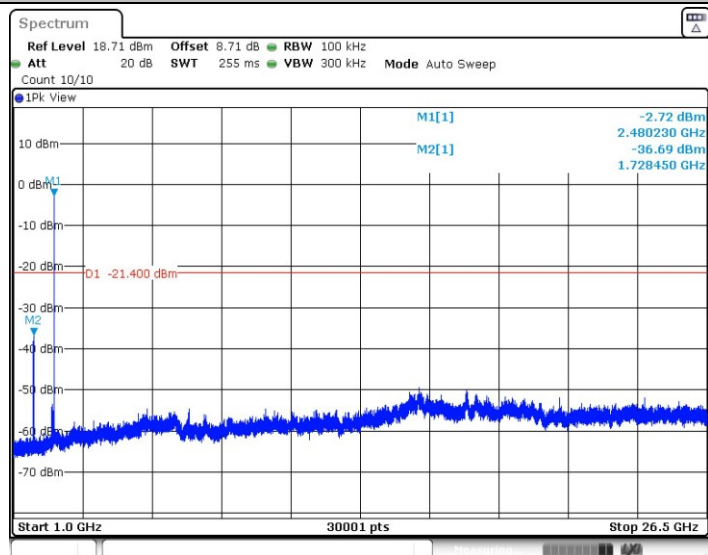


# BLE\_1M\_Ant1\_2480\_30~1000





BLE\_1M\_Ant1\_2480\_1000~26500



## Appendix H: 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

