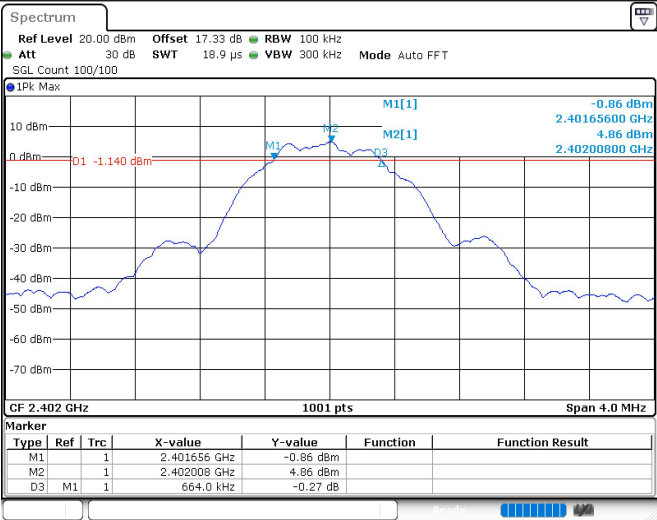


## Appendix A: DTS Bandwidth

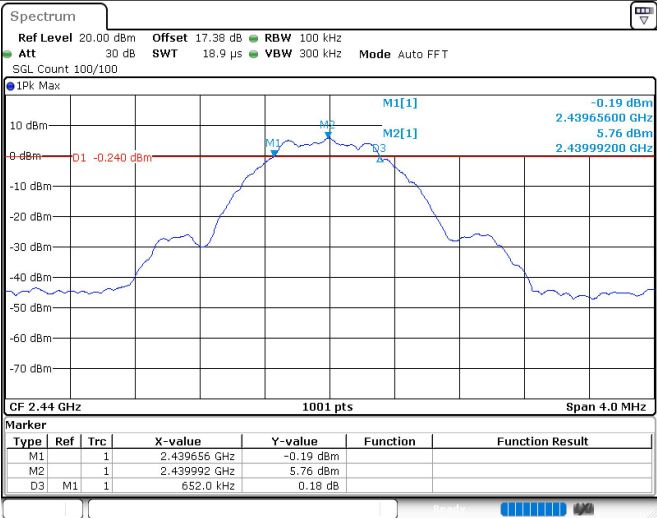
### Test Result

| TestMode | Antenna | Freq(MHz) | DTS BW<br>[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402      | 0.66            | 2401.66 | 2402.32 | 0.5        | PASS    |
|          |         | 2440      | 0.65            | 2439.66 | 2440.31 | 0.5        | PASS    |
|          |         | 2480      | 0.63            | 2479.66 | 2480.29 | 0.5        | PASS    |

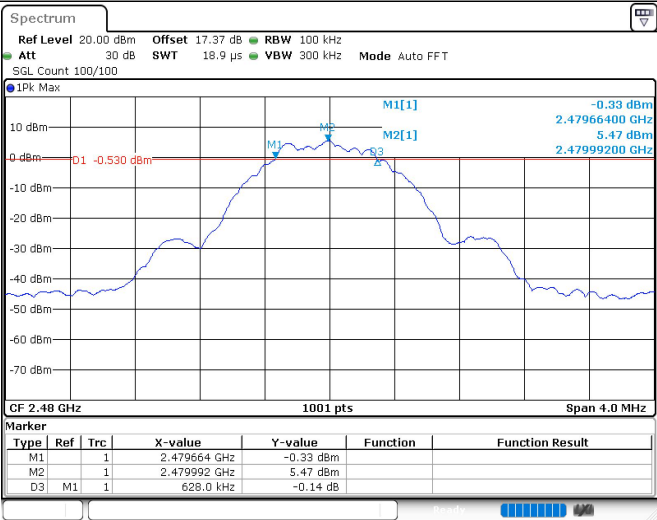
Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



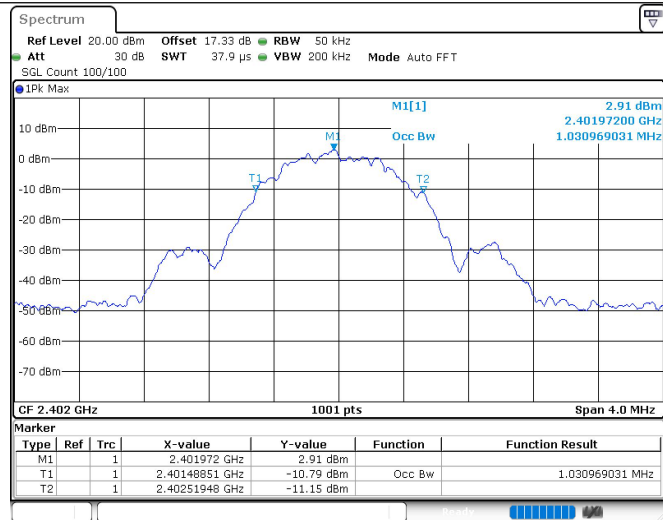
BLE\_1M\_Ant1\_2480

## Appendix B: Occupied Channel Bandwidth

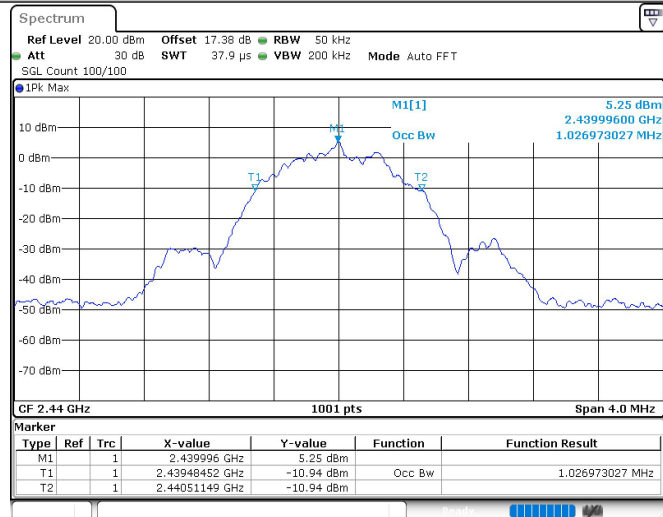
### Test Result

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402      | 1.031     | ---        | ---     |
|          |         | 2440      | 1.027     | ---        | ---     |
|          |         | 2480      | 1.023     | ---        | ---     |

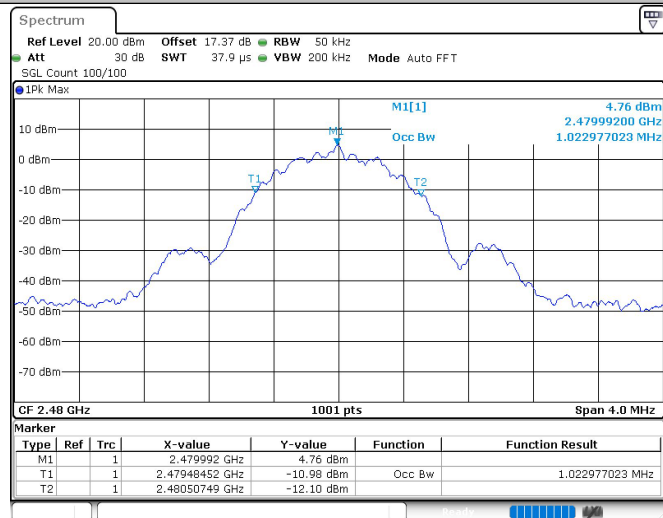
## Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480

## Appendix C: Maximum conducted output power

### Test Result Peak

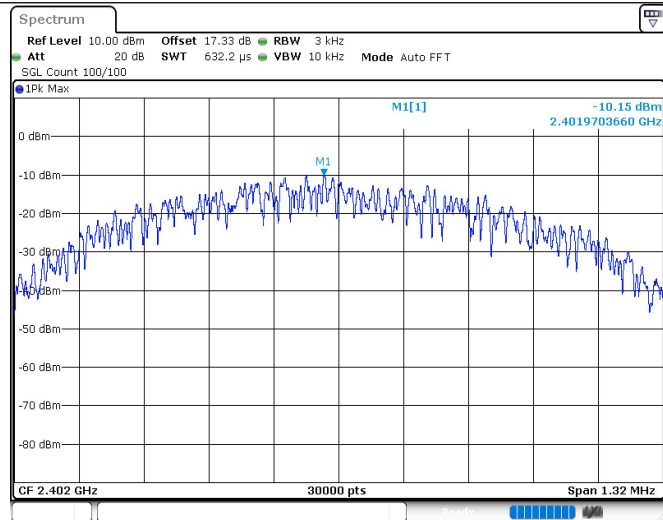
| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402      | 5.79                      | ≤30                  | PASS    |
|          |         | 2440      | 6.23                      | ≤30                  | PASS    |
|          |         | 2480      | 5.86                      | ≤30                  | PASS    |

## Appendix D: Maximum power spectral density

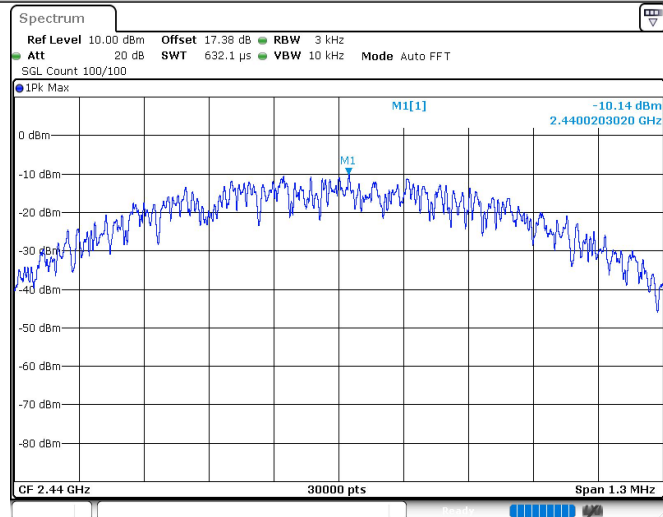
### Test Result

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402      | -10.15           | ≤8.00           | PASS    |
|          |         | 2440      | -10.14           | ≤8.00           | PASS    |
|          |         | 2480      | -10.48           | ≤8.00           | PASS    |

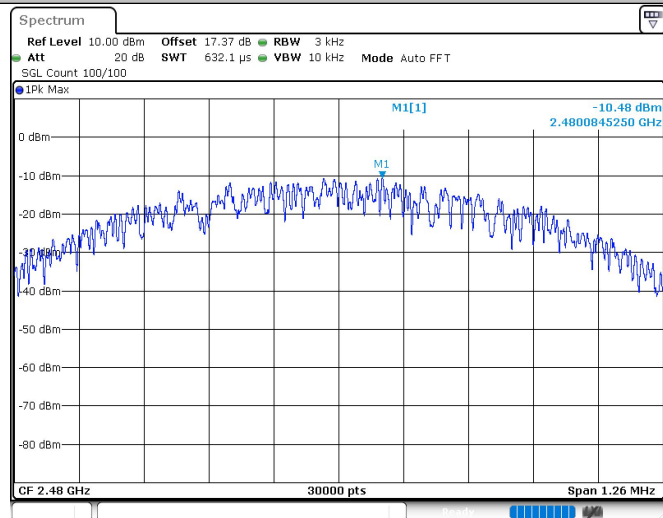
## Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480

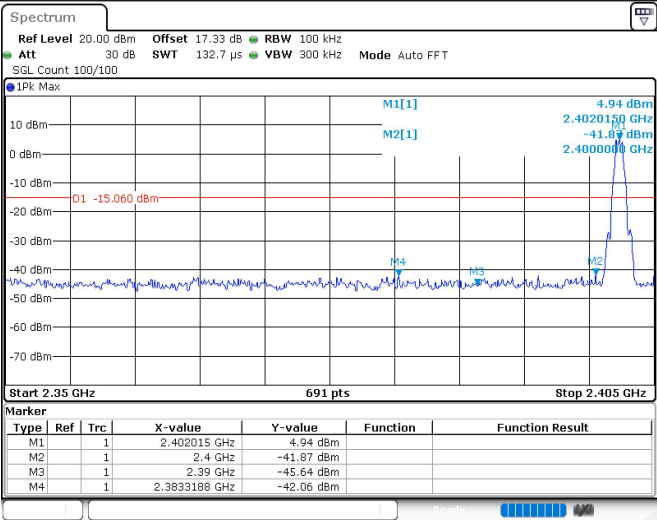
## Appendix F: Band edge measurements

### Test Result

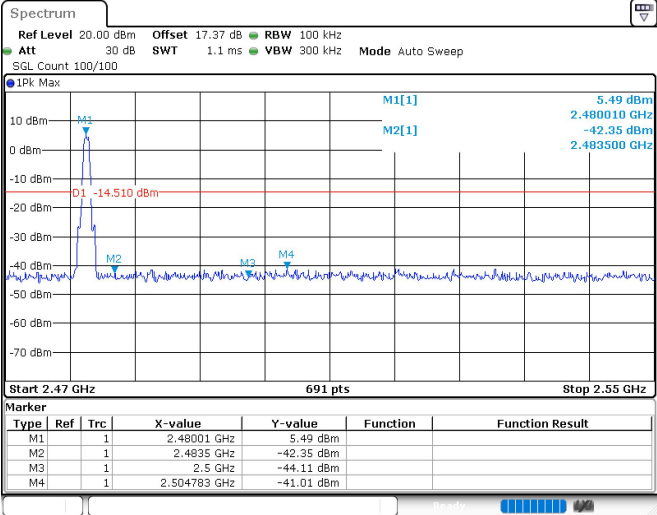
| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|-----------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402      | 4.94          | -42.06      | ≤-15.06    | PASS    |
|          |         | High   | 2480      | 5.49          | -41.01      | ≤-14.51    | PASS    |



Test Graphs



BLE\_1M\_Ant1\_Low\_2402



BLE\_1M\_Ant1\_High\_2480

## Appendix G: Conducted Spurious Emission

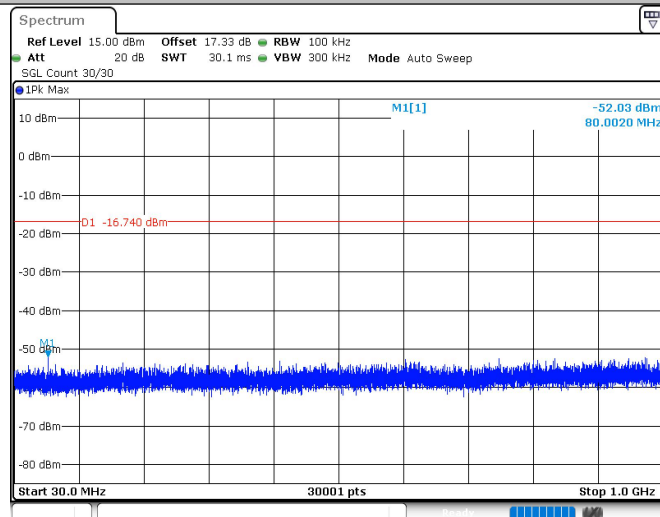
### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402      | Reference          | 3.26              | 3.26        | ---        | PASS    |
|          |         |           | 30~1000            | 3.26              | -52.03      | ≤-16.74    | PASS    |
|          |         |           | 1000~26500         | 3.26              | -40.71      | ≤-16.74    | PASS    |
|          |         | 2440      | Reference          | 3.95              | 3.95        | ---        | PASS    |
|          |         |           | 30~1000            | 3.95              | -51.89      | ≤-16.05    | PASS    |
|          |         |           | 1000~26500         | 3.95              | -40.93      | ≤-16.05    | PASS    |
|          |         | 2480      | Reference          | 5.52              | 5.52        | ---        | PASS    |
|          |         |           | 30~1000            | 5.52              | -51.32      | ≤-14.48    | PASS    |
|          |         |           | 1000~26500         | 5.52              | -40.36      | ≤-14.48    | PASS    |

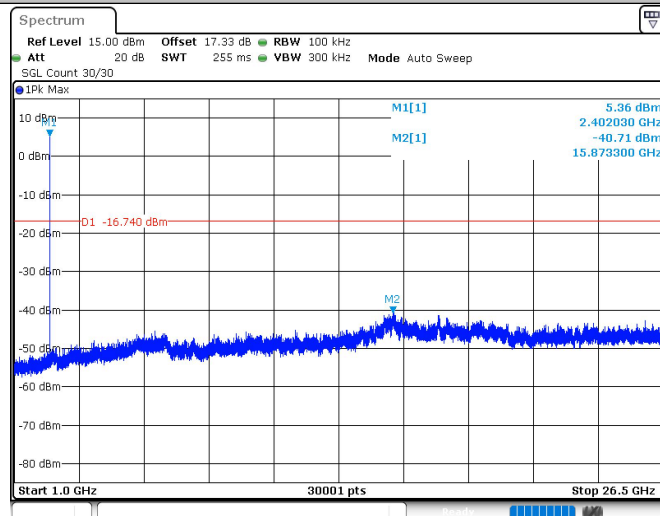
## Test Graphs



BLE\_1M\_Ant1\_2402\_0~Reference



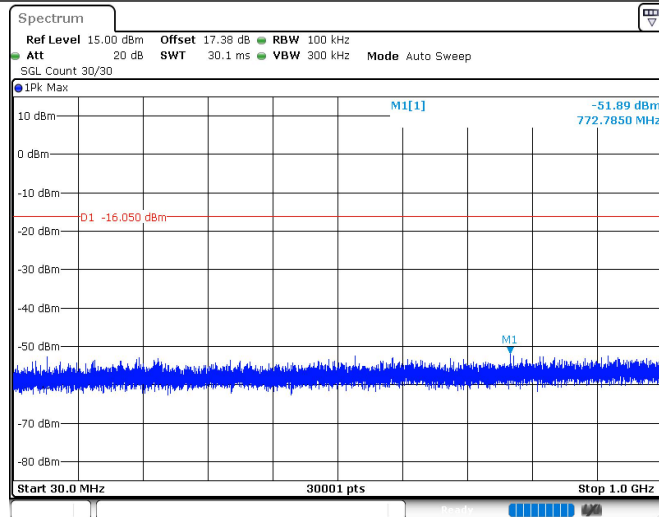
BLE\_1M\_Ant1\_2402\_30~1000



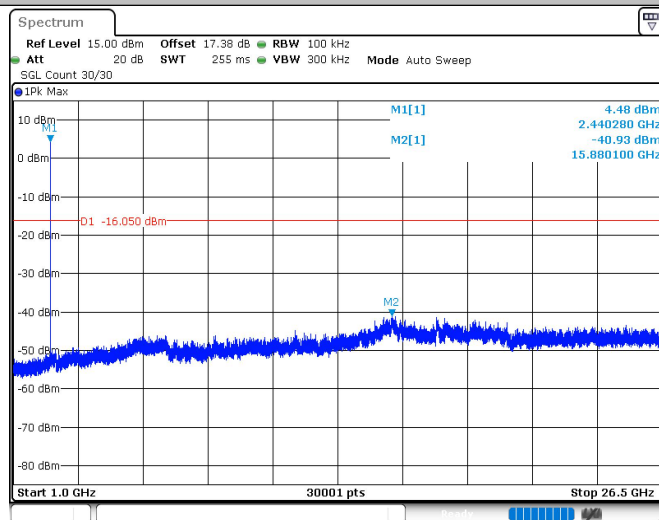
BLE\_1M\_Ant1\_2402\_1000~26500



BLE\_1M\_Ant1\_2440\_0~Reference



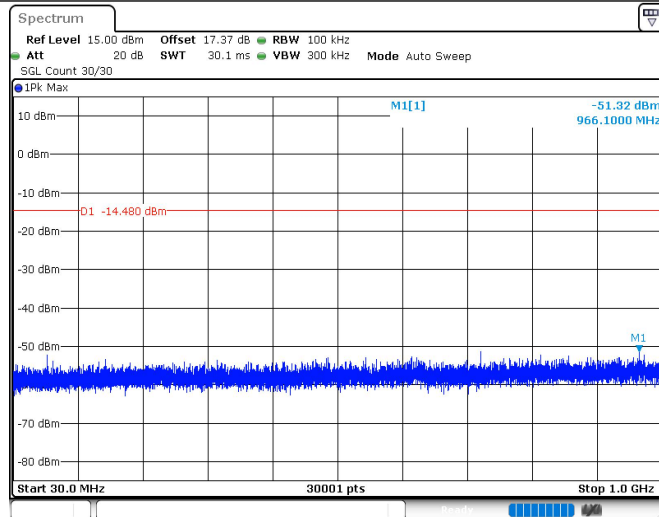
BLE\_1M\_Ant1\_2440\_30~1000



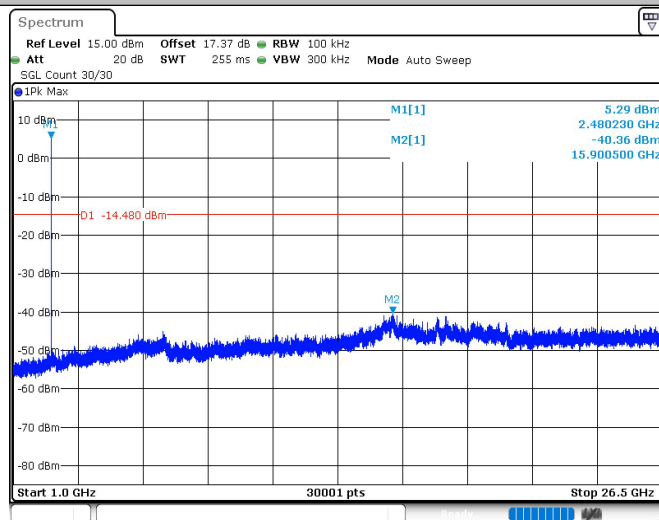
BLE\_1M\_Ant1\_2440\_1000~26500



BLE\_1M\_Ant1\_2480\_0~Reference



BLE\_1M\_Ant1\_2480\_30~1000



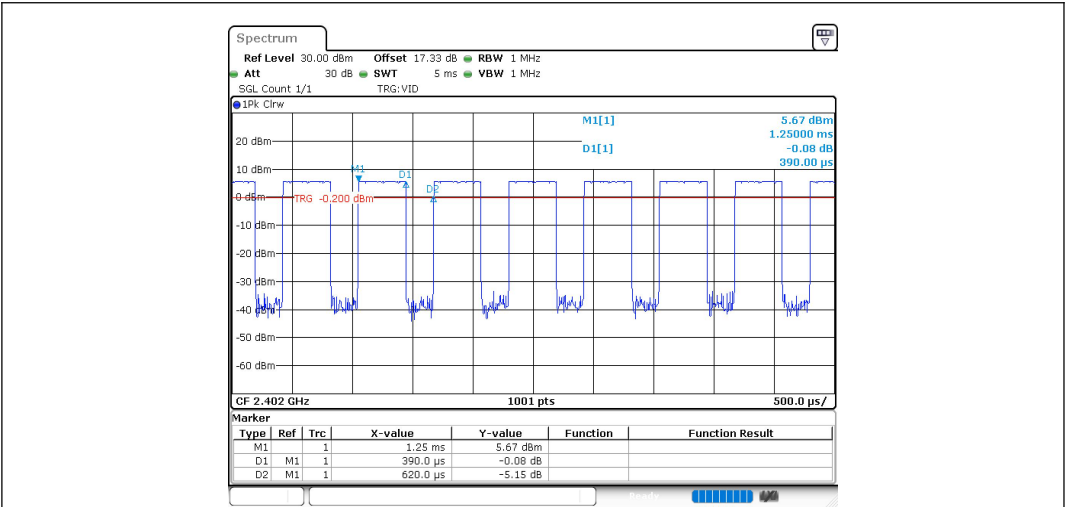
BLE\_1M\_Ant1\_2480\_1000~26500

## Appendix H: Duty Cycle

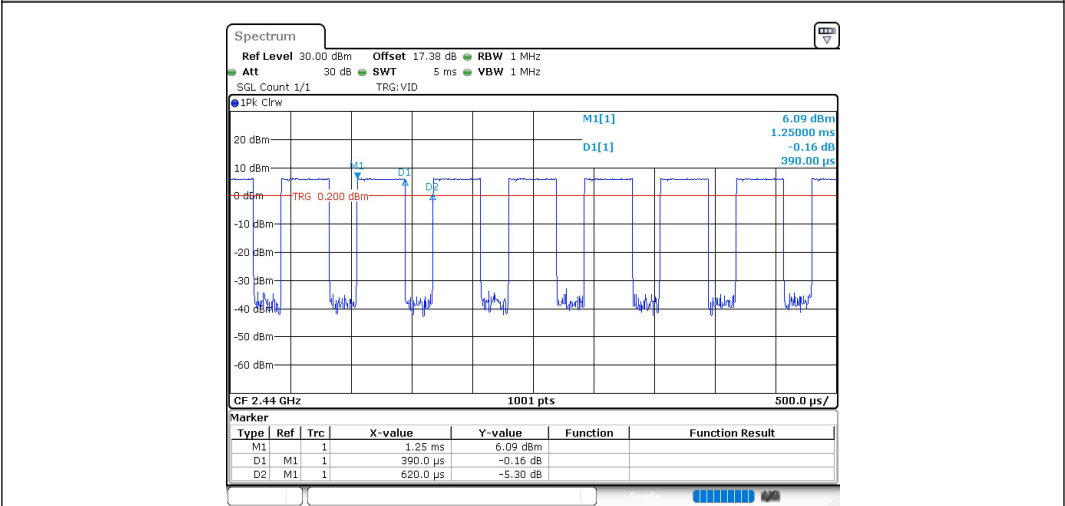
### Test Result

| TestMode | Antenna | Freq(MHz) | ON Time<br>[ms] | Period<br>[ms] | X      | DC [%] | Limit | Verdict |
|----------|---------|-----------|-----------------|----------------|--------|--------|-------|---------|
| BLE_1M   | Ant1    | 2402      | 0.39            | 0.62           | 0.6290 | 62.90  | ---   | ---     |
|          |         | 2440      | 0.39            | 0.62           | 0.6290 | 62.90  | ---   | ---     |
|          |         | 2480      | 0.39            | 0.62           | 0.6290 | 62.90  | ---   | ---     |

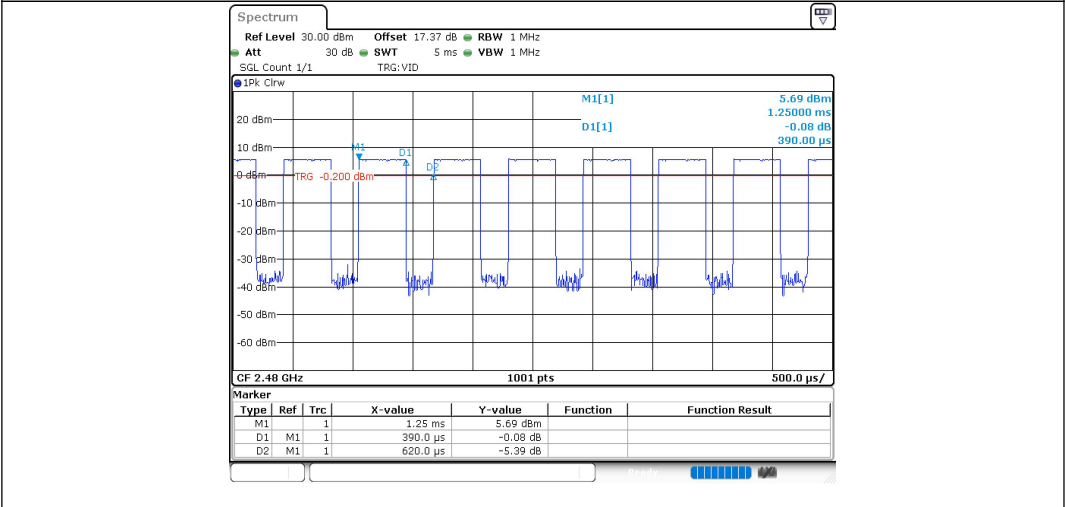
Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480