

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20231208004-1-15</u>          |                                          |
| <b>Ambient Condition:</b> <u>23</u> °C, <u>48</u> %RH |                                          |
| <b>According Standard:</b> ■Part15C                   |                                          |
| <b>Test Date:</b> <u>2024.1.3</u>                     | <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix B.1: DTS Bandwidth

### Test Result

#### BT LE

| TestMode | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|--------------|----------|----------|------------|---------|
| BLE      | Ant1    | 2402      | 0.696        | 2401.648 | 2402.344 | 0.5        | PASS    |
|          |         | 2440      | 0.732        | 2439.632 | 2440.364 | 0.5        | PASS    |
|          |         | 2480      | 0.692        | 2479.644 | 2480.336 | 0.5        | PASS    |

#### BT 2LE

| TestMode | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|--------------|----------|----------|------------|---------|
| BLE      | Ant1    | 2402      | 1.120        | 2401.436 | 2402.556 | 0.5        | PASS    |
|          |         | 2440      | 1.156        | 2439.440 | 2440.596 | 0.5        | PASS    |
|          |         | 2480      | 1.148        | 2479.440 | 2480.588 | 0.5        | PASS    |

#### BT LE(S2)

| TestMode | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|--------------|----------|----------|------------|---------|
| BLE      | Ant1    | 2402      | 0.664        | 2401.672 | 2402.336 | 0.5        | PASS    |
|          |         | 2440      | 0.704        | 2439.640 | 2440.344 | 0.5        | PASS    |
|          |         | 2480      | 0.692        | 2479.656 | 2480.348 | 0.5        | PASS    |

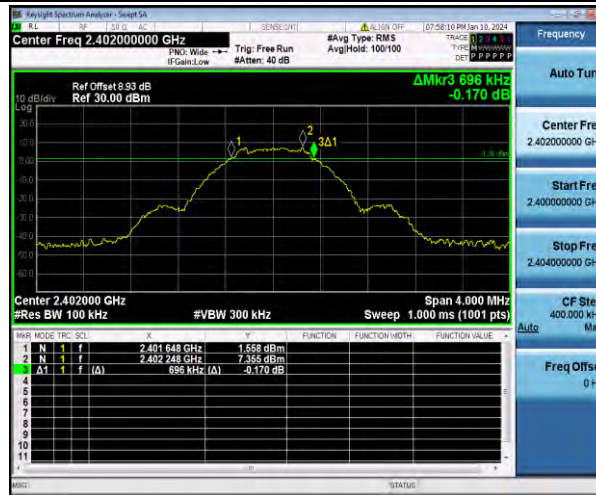
#### BT LE(S8)

| TestMode | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|--------------|----------|----------|------------|---------|
| BLE      | Ant1    | 2402      | 0.676        | 2401.660 | 2402.336 | 0.5        | PASS    |
|          |         | 2440      | 0.700        | 2439.644 | 2440.344 | 0.5        | PASS    |
|          |         | 2480      | 0.680        | 2479.656 | 2480.336 | 0.5        | PASS    |

## Test Graphs

## BT LE

BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT 2LE**

BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT LE(S2)**

BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT LE(S8)**

## BLE\_Ant1\_2402



## BLE\_Ant1\_2440



## BLE\_Ant1\_2480



## Appendix B.2: Occupied Channel Bandwidth

### Test Result

#### BT LE

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| BLE      | Ant1    | 2402      | 1.0325    | 2401.4846 | 2402.5171 | ---        | ---     |
|          |         | 2440      | 1.0473    | 2439.4750 | 2440.5223 | ---        | ---     |
|          |         | 2480      | 1.0178    | 2479.4936 | 2480.5114 | ---        | ---     |

#### BT 2LE

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| BLE      | Ant1    | 2402      | 2.0545    | 2400.9944 | 2403.0489 | ---        | ---     |
|          |         | 2440      | 2.0503    | 2438.9899 | 2441.0402 | ---        | ---     |
|          |         | 2480      | 2.0561    | 2478.9904 | 2481.0465 | ---        | ---     |

#### BT LE(S2)

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| BLE      | Ant1    | 2402      | 1.0158    | 2401.4882 | 2402.5040 | ---        | ---     |
|          |         | 2440      | 1.0292    | 2439.4809 | 2440.5101 | ---        | ---     |
|          |         | 2480      | 1.0157    | 2479.4858 | 2480.5015 | ---        | ---     |

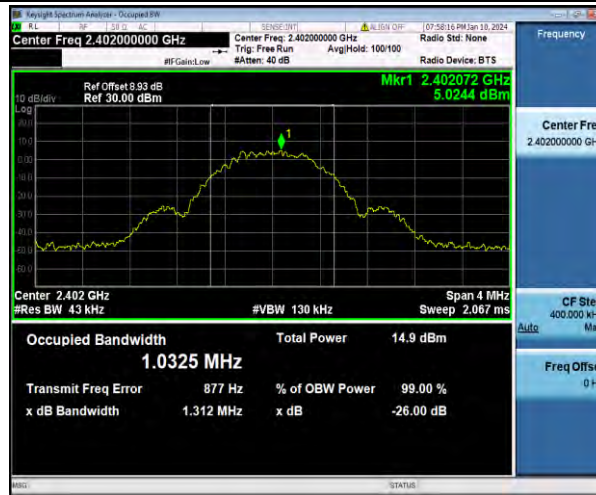
#### BT LE(S8)

| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| BLE      | Ant1    | 2402      | 1.0528    | 2401.4723 | 2402.5251 | ---        | ---     |
|          |         | 2440      | 1.0579    | 2439.4707 | 2440.5286 | ---        | ---     |
|          |         | 2480      | 1.0563    | 2479.4707 | 2480.5270 | ---        | ---     |

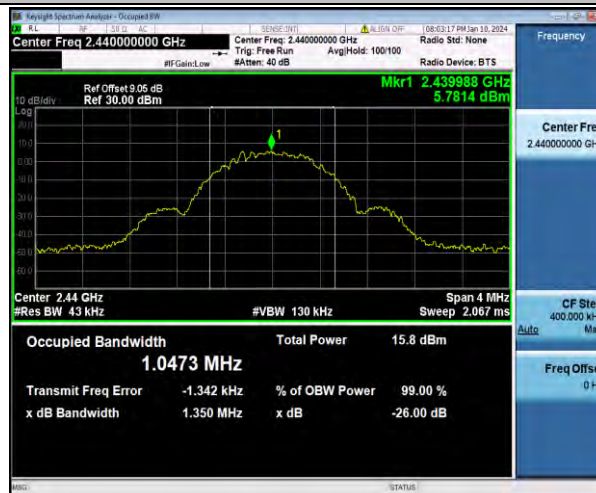
## Test Graphs

### BT LE

BLE\_Ant1\_2402



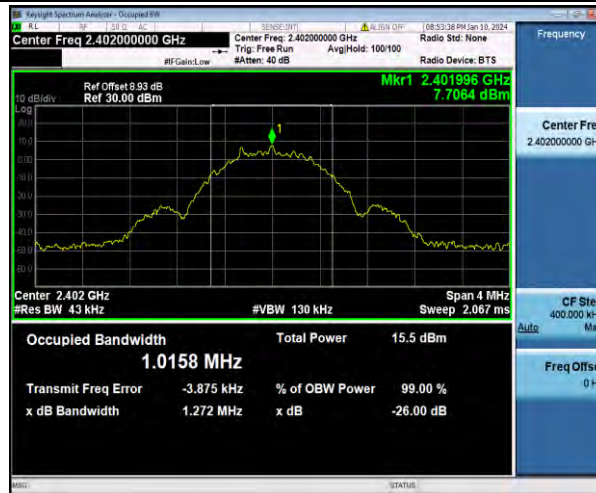
BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT 2LE****BLE\_Ant1\_2402****BLE\_Ant1\_2440****BLE\_Ant1\_2480**

**BT LE(S2)****BLE\_Ant1\_2402****BLE\_Ant1\_2440****BLE\_Ant1\_2480**

**BT LE(S8)****BLE\_Ant1\_2402****BLE\_Ant1\_2440****BLE\_Ant1\_2480**

## Appendix B.3: Maximum conducted output power

### Test Result Peak

#### BT LE

| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE      | Ant1    | 2402      | 8.45                      | ≤30                  | PASS    |
|          |         | 2440      | 9.42                      | ≤30                  | PASS    |
|          |         | 2480      | 9.17                      | ≤30                  | PASS    |

#### BT 2LE

| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE      | Ant1    | 2402      | 8.33                      | ≤30                  | PASS    |
|          |         | 2440      | 9.27                      | ≤30                  | PASS    |
|          |         | 2480      | 9.00                      | ≤30                  | PASS    |

#### BT LE(S2)

| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE      | Ant1    | 2402      | 8.43                      | ≤30                  | PASS    |
|          |         | 2440      | 9.37                      | ≤30                  | PASS    |
|          |         | 2480      | 9.11                      | ≤30                  | PASS    |

#### BT LE(S8)

| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE      | Ant1    | 2402      | 8.45                      | ≤30                  | PASS    |
|          |         | 2440      | 9.43                      | ≤30                  | PASS    |
|          |         | 2480      | 9.15                      | ≤30                  | PASS    |

## Appendix B.4: Maximum power spectral density

### Test Result

#### BT LE

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE      | Ant1    | 2402      | -7.80            | ≤8.00           | PASS    |
|          |         | 2440      | -5.68            | ≤8.00           | PASS    |
|          |         | 2480      | -6.48            | ≤8.00           | PASS    |

#### BT 2LE

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE      | Ant1    | 2402      | -11.16           | ≤8.00           | PASS    |
|          |         | 2440      | -9.97            | ≤8.00           | PASS    |
|          |         | 2480      | -10.37           | ≤8.00           | PASS    |

#### BT LE(S2)

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE      | Ant1    | 2402      | 1.86             | ≤8.00           | PASS    |
|          |         | 2440      | 2.87             | ≤8.00           | PASS    |
|          |         | 2480      | 2.51             | ≤8.00           | PASS    |

#### BT LE(S8)

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE      | Ant1    | 2402      | 2.00             | ≤8.00           | PASS    |
|          |         | 2440      | 3.15             | ≤8.00           | PASS    |
|          |         | 2480      | 2.77             | ≤8.00           | PASS    |

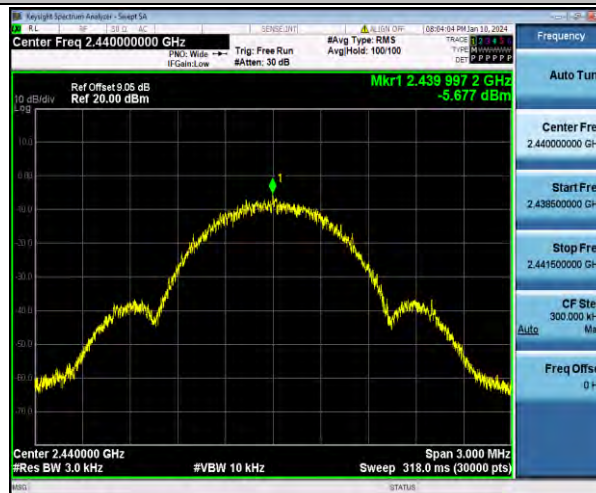
## Test Graphs

### BT LE

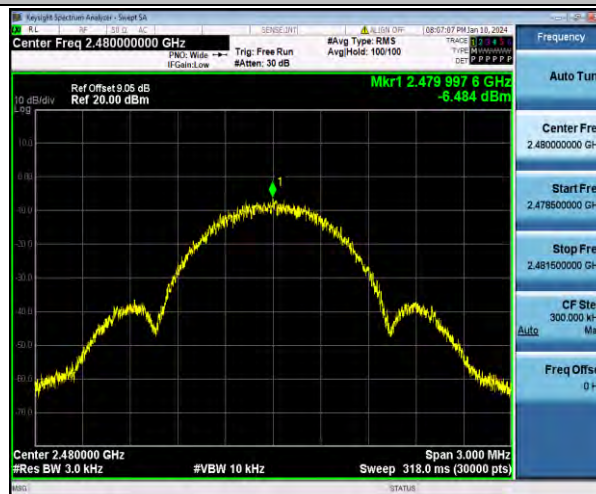
BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT 2LE**

BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480

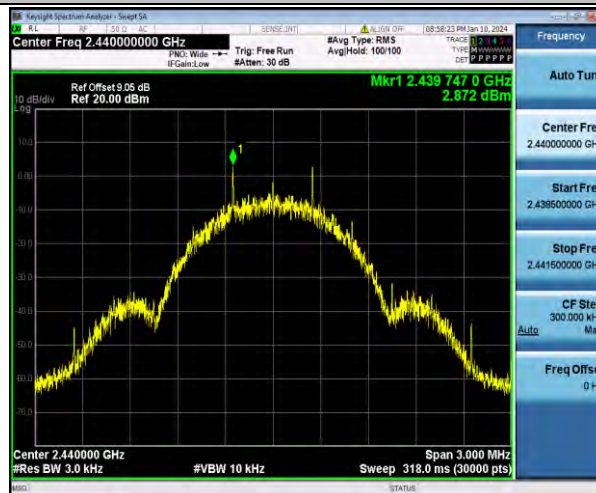


**BT LE(S2)**

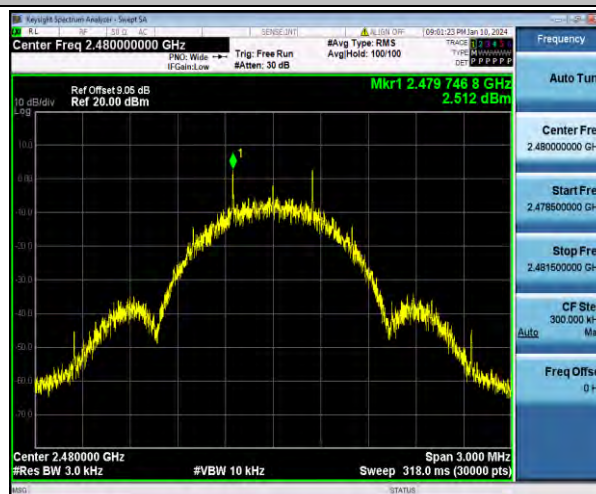
BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



**BT LE(S8)**

BLE\_Ant1\_2402



BLE\_Ant1\_2440



BLE\_Ant1\_2480



## Appendix B.5: Band edge measurements

### Test Result

#### BT LE

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|-----------|---------------|-------------|---------------|---------|
| BLE      | Ant1    | Low    | 2402      | 8.16          | -48.03      | $\leq -11.85$ | PASS    |
|          |         | High   | 2480      | 8.90          | -49.76      | $\leq -11.1$  | PASS    |

#### BT 2LE

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|-----------|---------------|-------------|---------------|---------|
| BLE      | Ant1    | Low    | 2402      | 7.05          | -27.94      | $\leq -12.95$ | PASS    |
|          |         | High   | 2480      | 7.90          | -49.39      | $\leq -12.1$  | PASS    |

#### BT LE(S2)

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|-----------|---------------|-------------|---------------|---------|
| BLE      | Ant1    | Low    | 2402      | 8.11          | -47.8       | $\leq -11.89$ | PASS    |
|          |         | High   | 2480      | 8.63          | -49.05      | $\leq -11.37$ | PASS    |

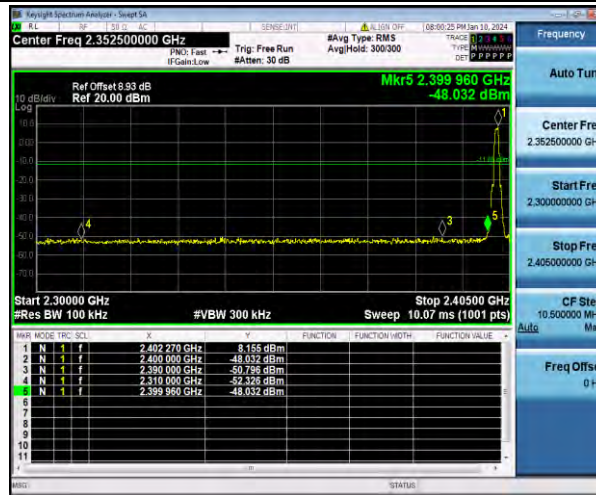
#### BT LE(S8)

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|-----------|---------------|-------------|---------------|---------|
| BLE      | Ant1    | Low    | 2402      | 5.13          | -46.3       | $\leq -14.87$ | PASS    |
|          |         | High   | 2480      | 6.05          | -49.51      | $\leq -13.95$ | PASS    |

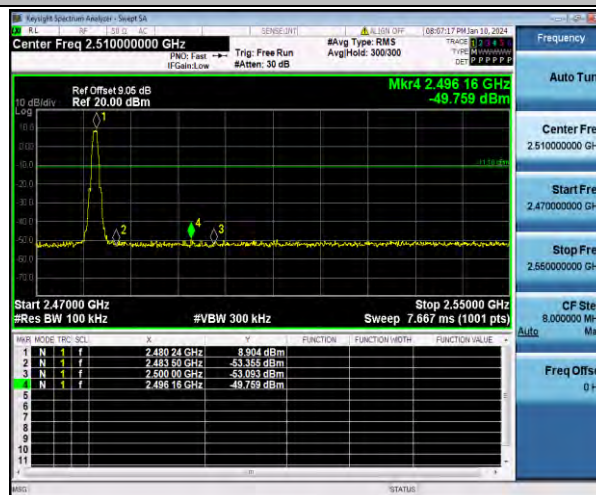
## Test Graphs

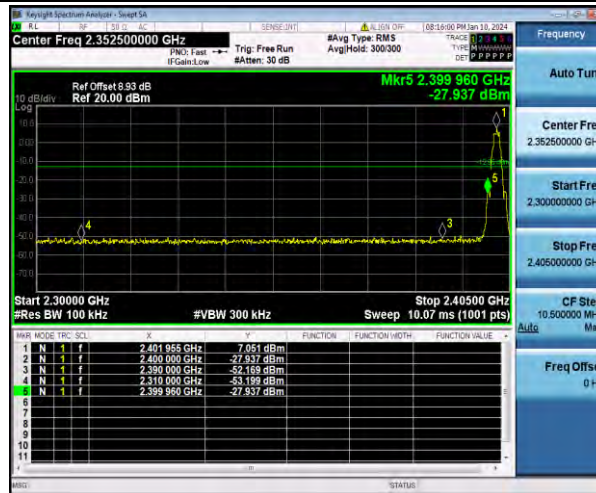
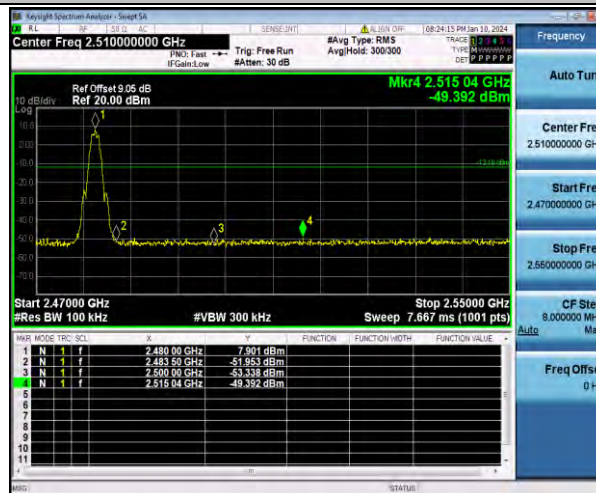
### BT LE

BLE\_Ant1\_Low\_2402

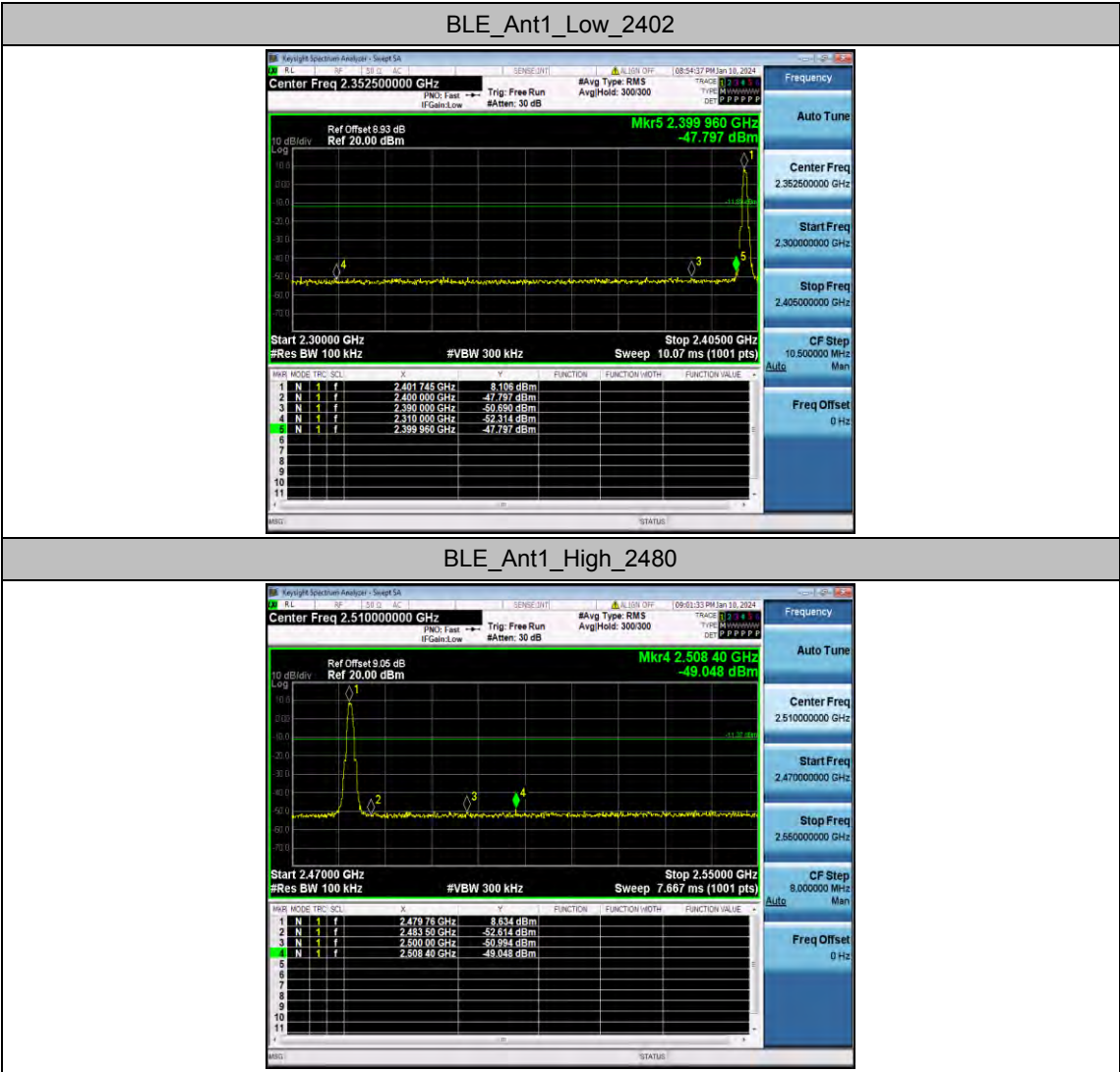


BLE\_Ant1\_High\_2480

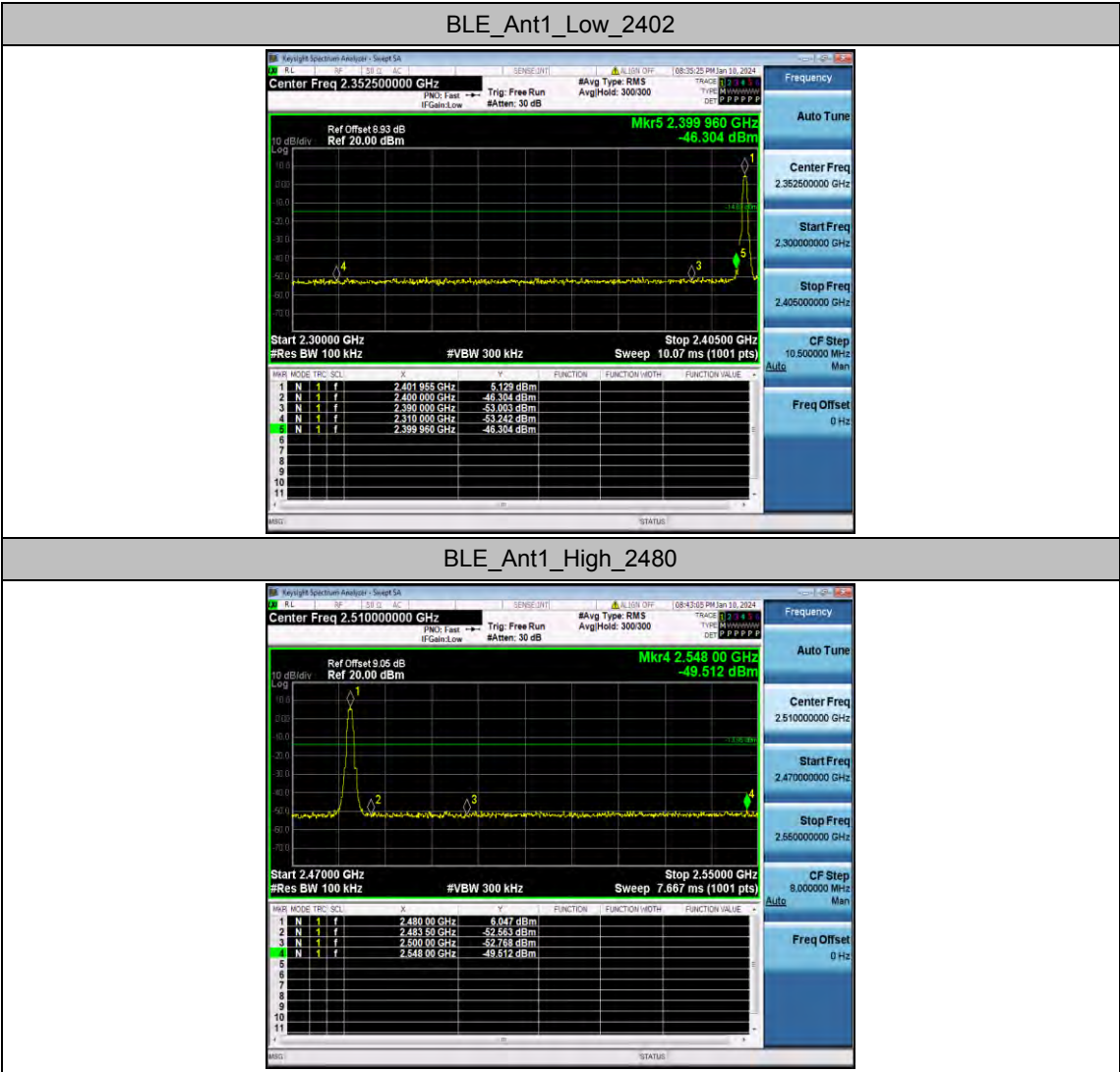


**BT 2LE****BLE\_Ant1\_Low\_2402****BLE\_Ant1\_High\_2480**

BT LE(S2)



BT LE(S8)



## Appendix B.6: Conducted Spurious Emission

### Test Result

#### BT LE

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|-------------|------------|---------|
| BLE      | Ant1    | 2402      | Reference       | 6.91           | 6.91        | ---        | PASS    |
|          |         |           | 30~1000         | 6.91           | -60.66      | ≤-13.09    | PASS    |
|          |         |           | 1000~26500      | 6.91           | -48         | ≤-13.09    | PASS    |
|          |         | 2440      | Reference       | 8.25           | 8.25        | ---        | PASS    |
|          |         |           | 30~1000         | 8.25           | -60.49      | ≤-11.75    | PASS    |
|          |         |           | 1000~26500      | 8.25           | -47.88      | ≤-11.75    | PASS    |
|          |         | 2480      | Reference       | 8.02           | 8.02        | ---        | PASS    |
|          |         |           | 30~1000         | 8.02           | -60.87      | ≤-11.98    | PASS    |
|          |         |           | 1000~26500      | 8.02           | -46.04      | ≤-11.98    | PASS    |

#### BT 2LE

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|-------------|------------|---------|
| BLE      | Ant1    | 2402      | Reference       | 7.18           | 7.18        | ---        | PASS    |
|          |         |           | 30~1000         | 7.18           | -60.68      | ≤-12.82    | PASS    |
|          |         |           | 1000~26500      | 7.18           | -48.08      | ≤-12.82    | PASS    |
|          |         | 2440      | Reference       | 8.18           | 8.18        | ---        | PASS    |
|          |         |           | 30~1000         | 8.18           | -59.85      | ≤-11.82    | PASS    |
|          |         |           | 1000~26500      | 8.18           | -47.54      | ≤-11.82    | PASS    |
|          |         | 2480      | Reference       | 5.47           | 5.47        | ---        | PASS    |
|          |         |           | 30~1000         | 5.47           | -60.74      | ≤-14.53    | PASS    |
|          |         |           | 1000~26500      | 5.47           | -47.27      | ≤-14.53    | PASS    |

**BT LE(S2)**

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|-------------|------------|---------|
| BLE      | Ant1    | 2402      | Reference       | 7.60           | 7.60        | ---        | PASS    |
|          |         |           | 30~1000         | 7.60           | -60.47      | ≤-12.4     | PASS    |
|          |         |           | 1000~26500      | 7.60           | -47.08      | ≤-12.4     | PASS    |
|          |         | 2440      | Reference       | 8.27           | 8.27        | ---        | PASS    |
|          |         |           | 30~1000         | 8.27           | -60.83      | ≤-11.73    | PASS    |
|          |         |           | 1000~26500      | 8.27           | -47.19      | ≤-11.73    | PASS    |
|          |         | 2480      | Reference       | 7.68           | 7.68        | ---        | PASS    |
|          |         |           | 30~1000         | 7.68           | -60.8       | ≤-12.32    | PASS    |
|          |         |           | 1000~26500      | 7.68           | -45.46      | ≤-12.32    | PASS    |

**BT LE(S8)**

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|-------------|------------|---------|
| BLE      | Ant1    | 2402      | Reference       | 4.99           | 4.99        | ---        | PASS    |
|          |         |           | 30~1000         | 4.99           | -60.91      | ≤-15.01    | PASS    |
|          |         |           | 1000~26500      | 4.99           | -47.39      | ≤-15.01    | PASS    |
|          |         | 2440      | Reference       | 5.97           | 5.97        | ---        | PASS    |
|          |         |           | 30~1000         | 5.97           | -60.19      | ≤-14.03    | PASS    |
|          |         |           | 1000~26500      | 5.97           | -47.67      | ≤-14.03    | PASS    |
|          |         | 2480      | Reference       | 5.68           | 5.68        | ---        | PASS    |
|          |         |           | 30~1000         | 5.68           | -60.88      | ≤-14.32    | PASS    |
|          |         |           | 1000~26500      | 5.68           | -47.3       | ≤-14.32    | PASS    |

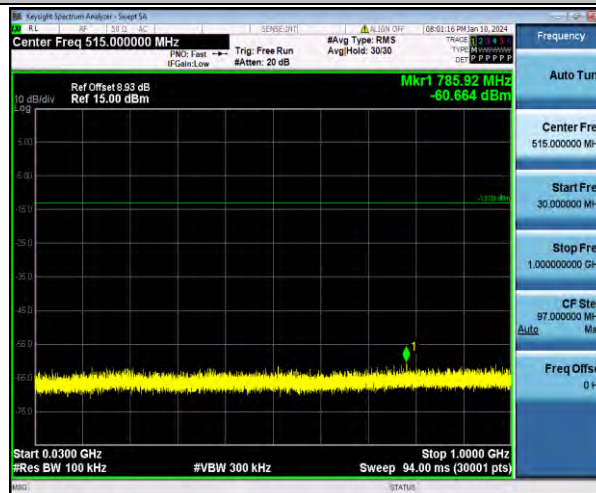
## Test Graphs

### BT LE

BLE\_Ant1\_2402\_0~Reference



BLE\_Ant1\_2402\_30~1000



BLE\_Ant1\_2402\_1000~26500

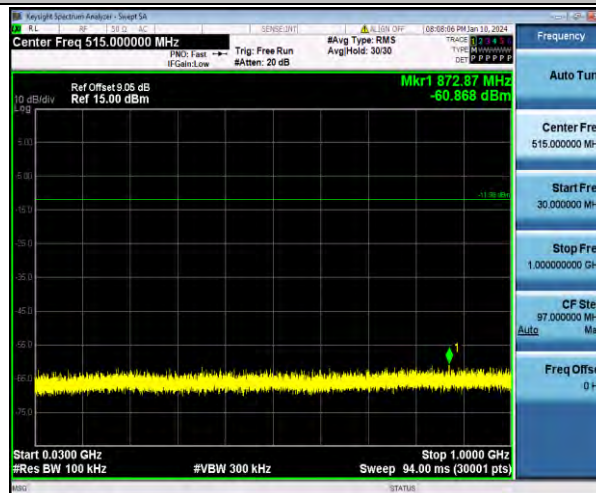




## BLE\_Ant1\_2480\_0~Reference



## BLE\_Ant1\_2480\_30~1000



## BLE\_Ant1\_2480\_1000~26500

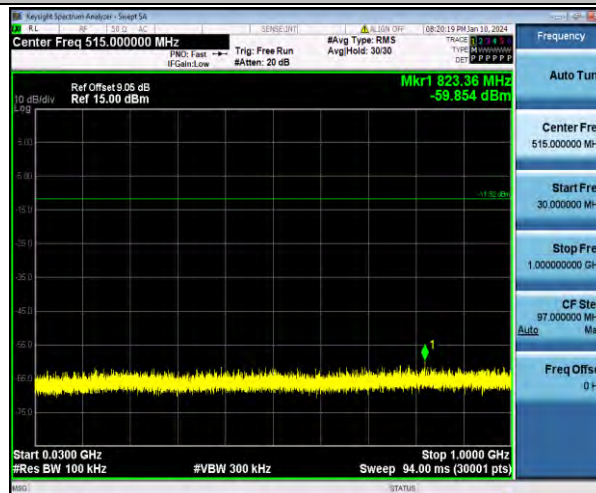




## BLE\_Ant1\_2440\_0~Reference



## BLE\_Ant1\_2440\_30~1000



## BLE\_Ant1\_2440\_1000~26500



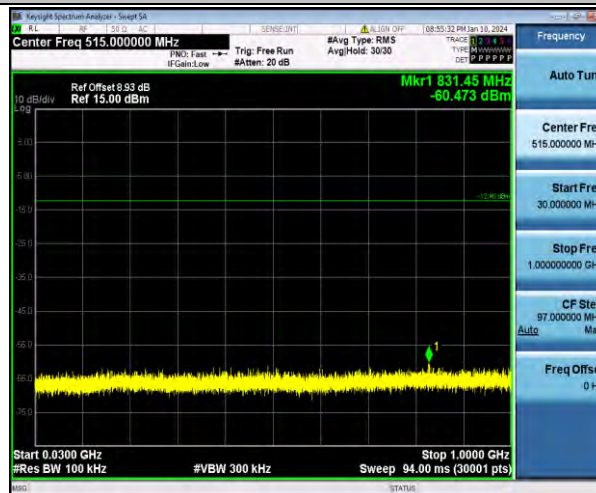


**BT LE(S2)**

BLE\_Ant1\_2402\_0~Reference



BLE\_Ant1\_2402\_30~1000



BLE\_Ant1\_2402\_1000~26500

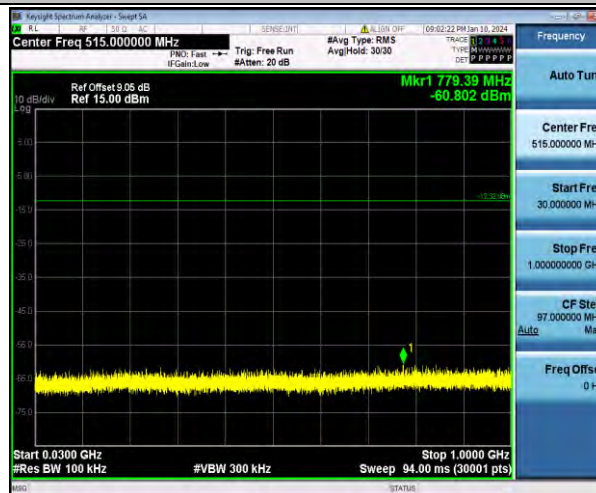




## BLE\_Ant1\_2480\_0~Reference



## BLE\_Ant1\_2480\_30~1000



## BLE\_Ant1\_2480\_1000~26500

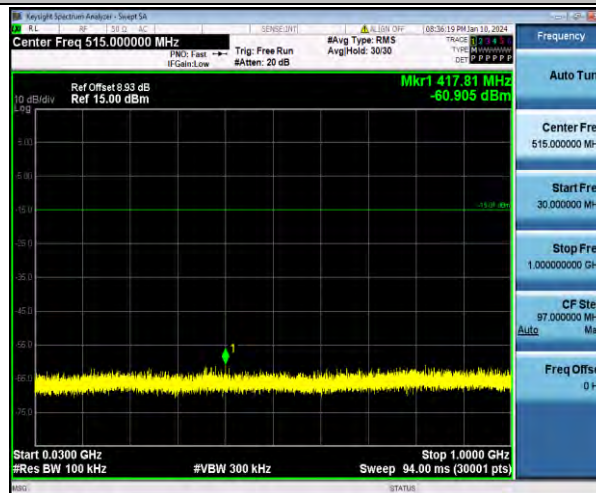


**BT LE(S8)**

BLE\_Ant1\_2402\_0~Reference



BLE\_Ant1\_2402\_30~1000



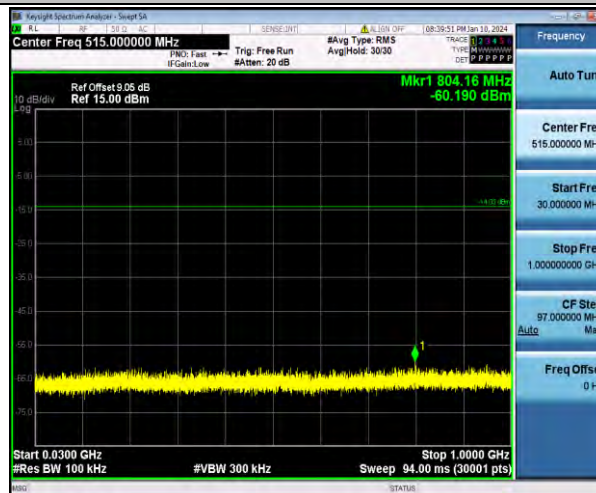
BLE\_Ant1\_2402\_1000~26500



## BLE\_Ant1\_2440\_0~Reference



## BLE\_Ant1\_2440\_30~1000



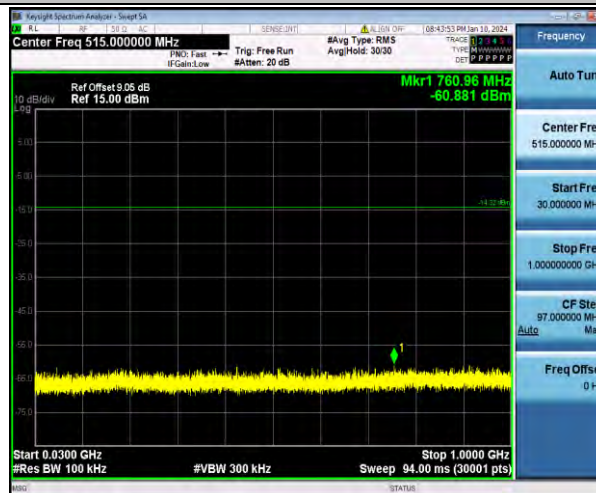
## BLE\_Ant1\_2440\_1000~26500



## BLE\_Ant1\_2480\_0~Reference



## BLE\_Ant1\_2480\_30~1000



## BLE\_Ant1\_2480\_1000~26500



## Appendix B.7: Emissions in Restricted Bands

### Test Result

#### BT LE

| TestMode | Antenna | ChName | Freq(MHz ) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| BLE      | Ant1    | Low    | 2402       | AV       | 2310.000   | -49.42       | ≤-41.20     | 45.78           | ≤54            | PASS    |
|          |         |        |            | AV       | 2389.565   | -48.85       | ≤-41.20     | 46.35           | ≤54            | PASS    |
|          |         |        |            | AV       | 2390.000   | -48.97       | ≤-41.20     | 46.23           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2310.000   | -41.63       | ≤-21.20     | 53.57           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2324.780   | -39.27       | ≤-21.20     | 55.93           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -41.82       | ≤-21.20     | 53.38           | ≤74            | PASS    |
|          |         | High   | 2480       | AV       | 2483.500   | -45.31       | ≤-41.20     | 49.89           | ≤54            | PASS    |
|          |         |        |            | AV       | 2483.520   | -45.31       | ≤-41.20     | 49.89           | ≤54            | PASS    |
|          |         |        |            | AV       | 2500.000   | -48.64       | ≤-41.20     | 46.56           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2483.500   | -41.48       | ≤-21.20     | 53.72           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2490.320   | -37.65       | ≤-21.20     | 57.55           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -41.58       | ≤-21.20     | 53.62           | ≤74            | PASS    |

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

**BT 2LE**

| TestMode | Antenna | ChName | Freq(MHz ) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| BLE      | Ant1    | Low    | 2402       | AV       | 2310.000   | -49.26       | ≤-41.20     | 45.94           | ≤54            | PASS    |
|          |         |        |            | AV       | 2389.670   | -48.85       | ≤-41.20     | 46.35           | ≤54            | PASS    |
|          |         |        |            | AV       | 2390.000   | -48.99       | ≤-41.20     | 46.21           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2310.000   | -40.73       | ≤-21.20     | 54.47           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2322.680   | -38.73       | ≤-21.20     | 56.47           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -41.28       | ≤-21.20     | 53.92           | ≤74            | PASS    |
|          |         | High   | 2480       | AV       | 2483.500   | -41.31       | ≤-41.20     | 53.89           | ≤54            | PASS    |
|          |         |        |            | AV       | 2483.520   | -41.31       | ≤-41.20     | 53.89           | ≤54            | PASS    |
|          |         |        |            | AV       | 2500.000   | -48.71       | ≤-41.20     | 46.49           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2483.500   | -38.8        | ≤-21.20     | 56.40           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2497.760   | -38.4        | ≤-21.20     | 56.80           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -42.2        | ≤-21.20     | 53.00           | ≤74            | PASS    |

Note:

4. The Antenna Gain is compensated in the graph.
5. The Duty Cycle Factor and RBW Factor is compensated in the graph.
6. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

**BT LE(S2)**

| TestMode | Antenna | ChName | Freq(MHz ) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| BLE      | Ant1    | Low    | 2402       | AV       | 2310.000   | -49.45       | ≤-41.20     | 45.75           | ≤54            | PASS    |
|          |         |        |            | AV       | 2385.260   | -48.82       | ≤-41.20     | 46.38           | ≤54            | PASS    |
|          |         |        |            | AV       | 2390.000   | -48.92       | ≤-41.20     | 46.28           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2310.000   | -42.29       | ≤-21.20     | 52.91           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2355.125   | -37.71       | ≤-21.20     | 57.49           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -42.16       | ≤-21.20     | 53.04           | ≤74            | PASS    |
|          |         | High   | 2480       | AV       | 2483.500   | -45.1        | ≤-41.20     | 50.10           | ≤54            | PASS    |
|          |         |        |            | AV       | 2483.520   | -45.1        | ≤-41.20     | 50.10           | ≤54            | PASS    |
|          |         |        |            | AV       | 2500.000   | -48.76       | ≤-41.20     | 46.44           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2483.500   | -41.47       | ≤-21.20     | 53.73           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2486.240   | -39.52       | ≤-21.20     | 55.68           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -41.51       | ≤-21.20     | 53.69           | ≤74            | PASS    |

Note:

7. The Antenna Gain is compensated in the graph.
8. The Duty Cycle Factor and RBW Factor is compensated in the graph.
9. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

**BT LE(S8)**

| TestMode | Antenna | ChName | Freq(MHz ) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| BLE      | Ant1    | Low    | 2402       | AV       | 2310.000   | -49.37       | ≤-41.20     | 45.83           | ≤54            | PASS    |
|          |         |        |            | AV       | 2389.145   | -48.93       | ≤-41.20     | 46.27           | ≤54            | PASS    |
|          |         |        |            | AV       | 2390.000   | -49          | ≤-41.20     | 46.20           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2310.000   | -44.63       | ≤-21.20     | 50.57           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2379.905   | -39.03       | ≤-21.20     | 56.17           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -41.19       | ≤-21.20     | 54.01           | ≤74            | PASS    |
|          |         | High   | 2480       | AV       | 2483.500   | -44.96       | ≤-41.20     | 50.24           | ≤54            | PASS    |
|          |         |        |            | AV       | 2483.520   | -44.96       | ≤-41.20     | 50.24           | ≤54            | PASS    |
|          |         |        |            | AV       | 2500.000   | -48.66       | ≤-41.20     | 46.54           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2483.500   | -40.41       | ≤-21.20     | 54.79           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2499.920   | -39.66       | ≤-21.20     | 55.54           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -39.4        | ≤-21.20     | 55.80           | ≤74            | PASS    |

Note:

10. The Antenna Gain is compensated in the graph.

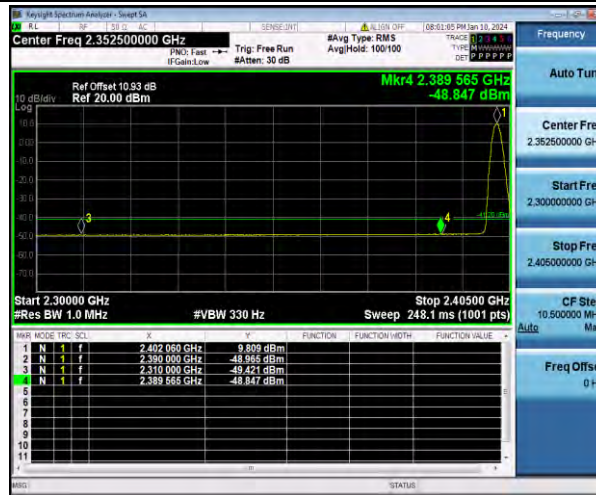
11. The Duty Cycle Factor and RBW Factor is compensated in the graph.

12. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

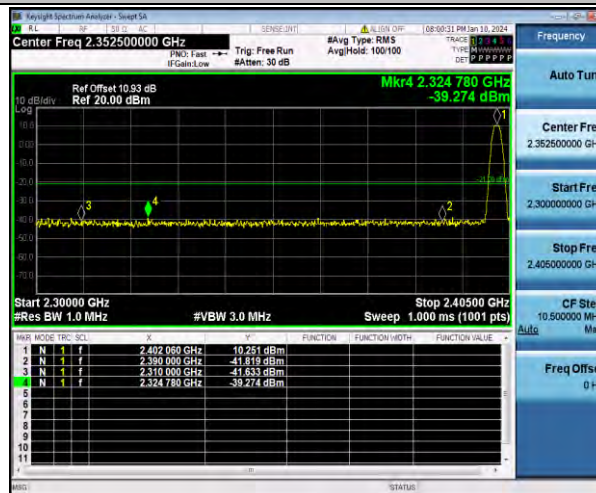
## Test Graphs

## BT LE

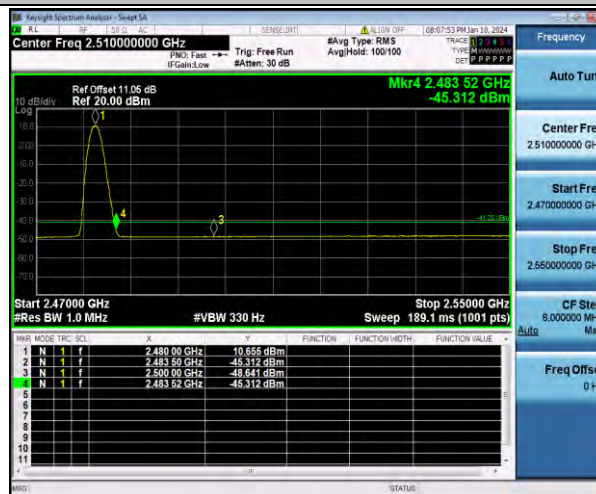
BLE\_Ant1\_Low\_2402\_AV

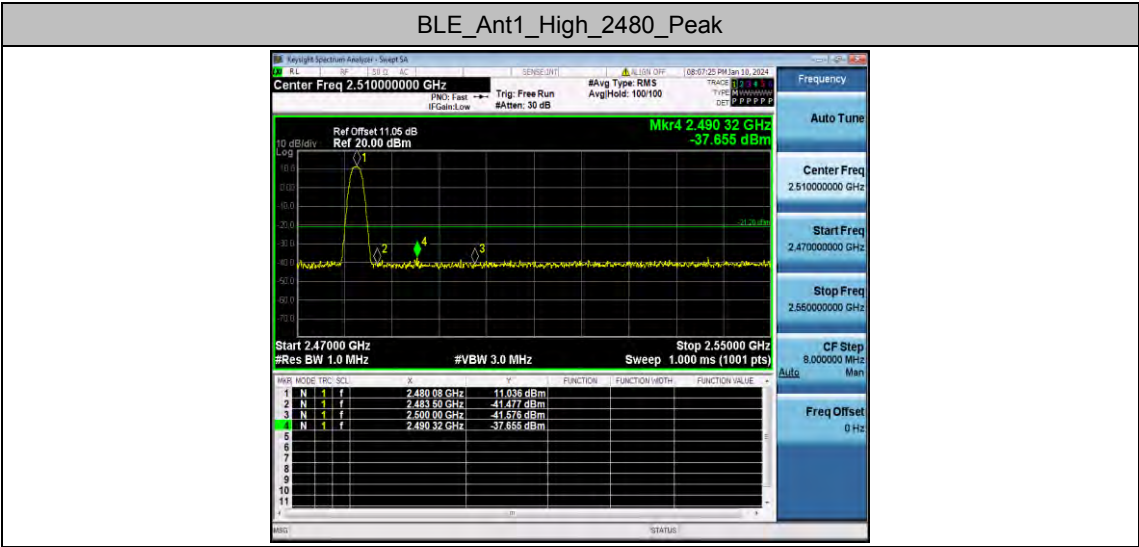


BLE\_Ant1\_Low\_2402\_Peak



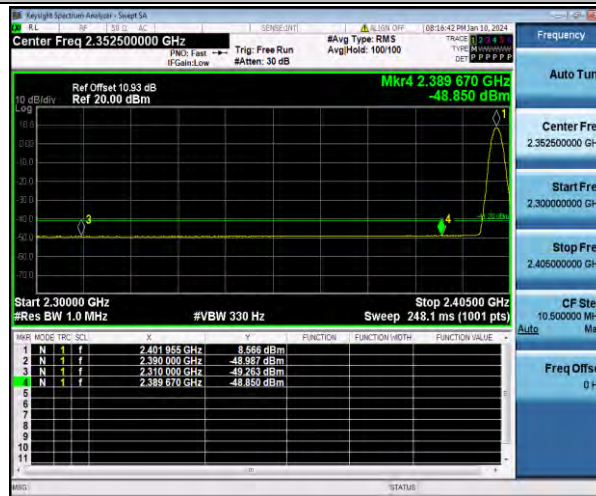
BLE\_Ant1\_High\_2480\_AV



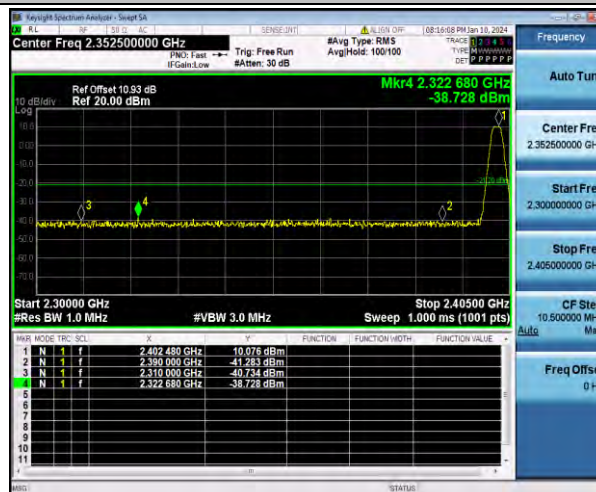


## BT 2LE

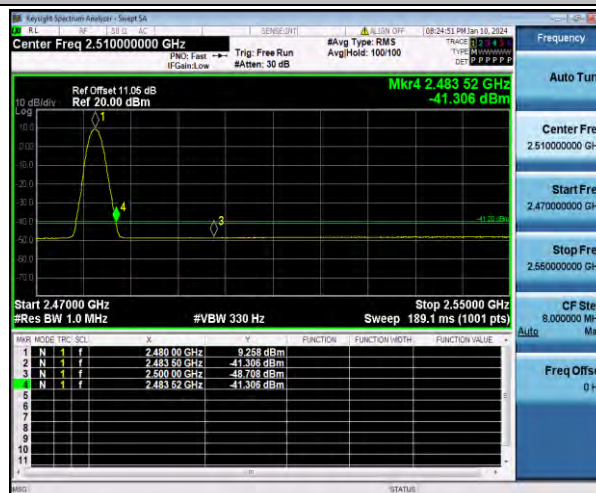
## BLE\_Ant1\_Low\_2402\_AV

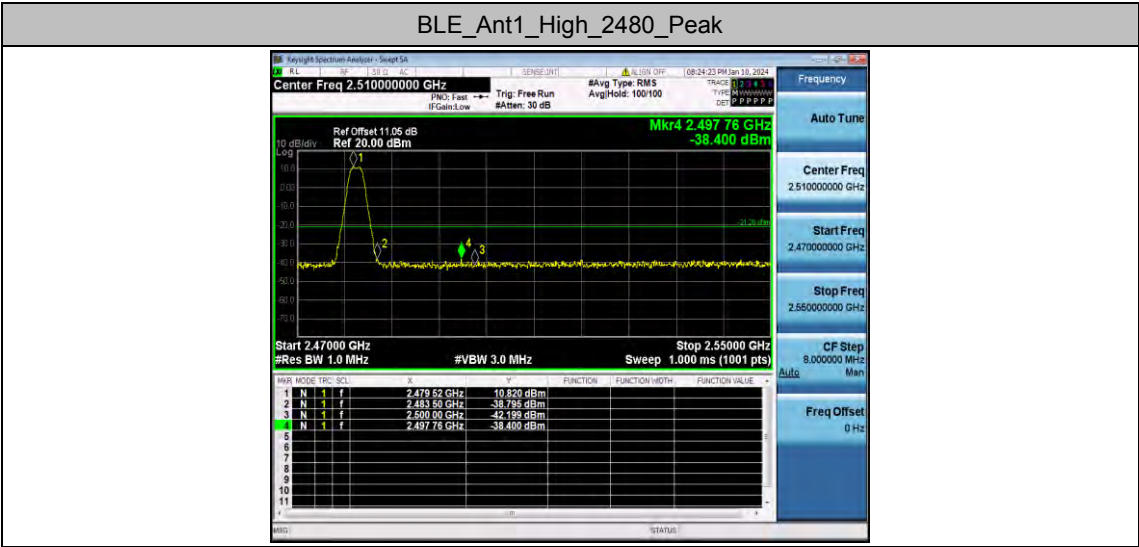


## BLE\_Ant1\_Low\_2402\_Peak



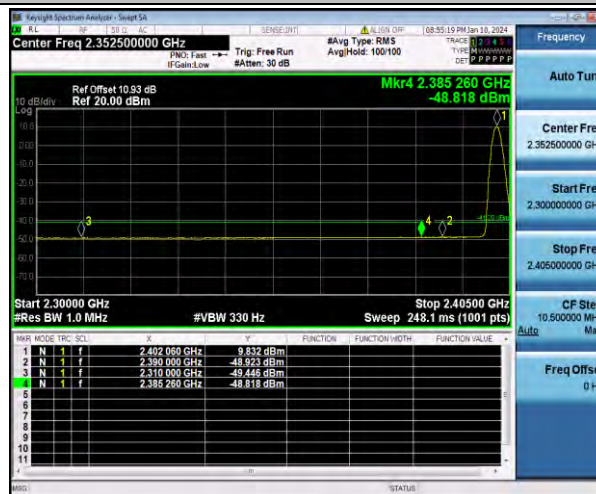
## BLE\_Ant1\_High\_2480\_AV



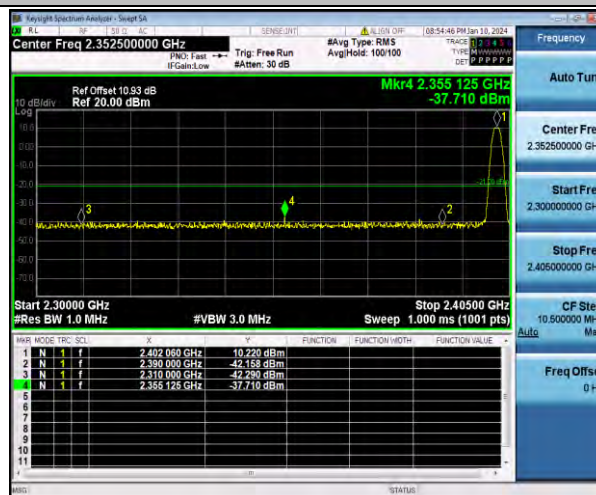


**BT LE(S2)**

BLE\_Ant1\_Low\_2402\_AV

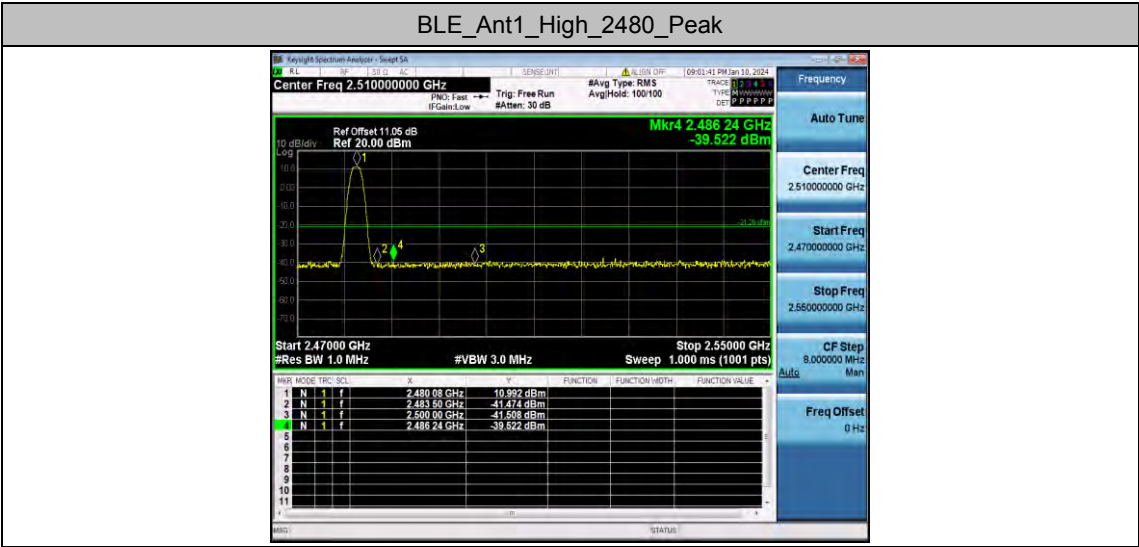


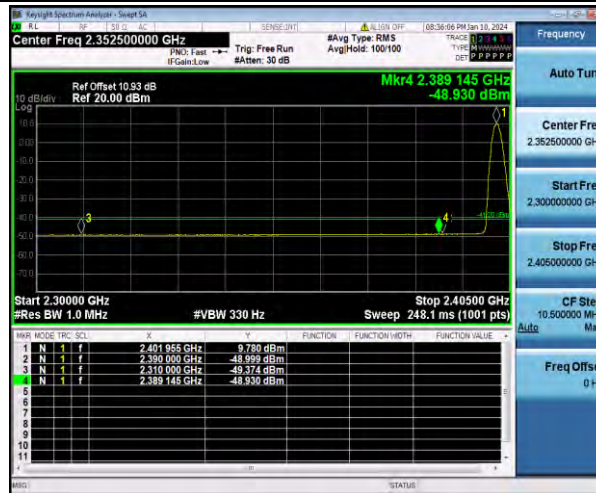
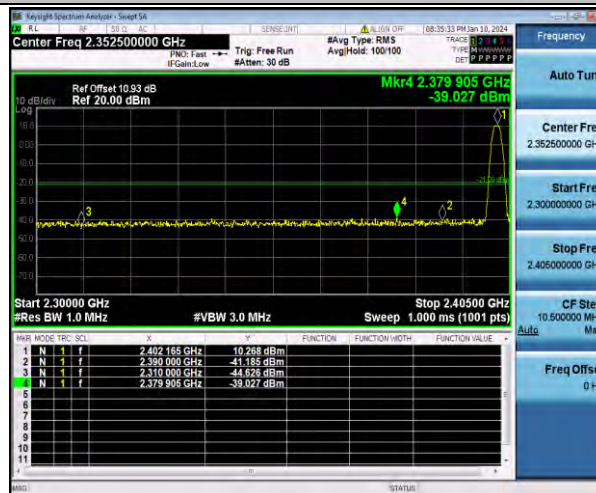
BLE\_Ant1\_Low\_2402\_Peak



BLE\_Ant1\_High\_2480\_AV





**BT LE(S8)****BLE\_Ant1\_Low\_2402\_AV****BLE\_Ant1\_Low\_2402\_Peak****BLE\_Ant1\_High\_2480\_AV**

