

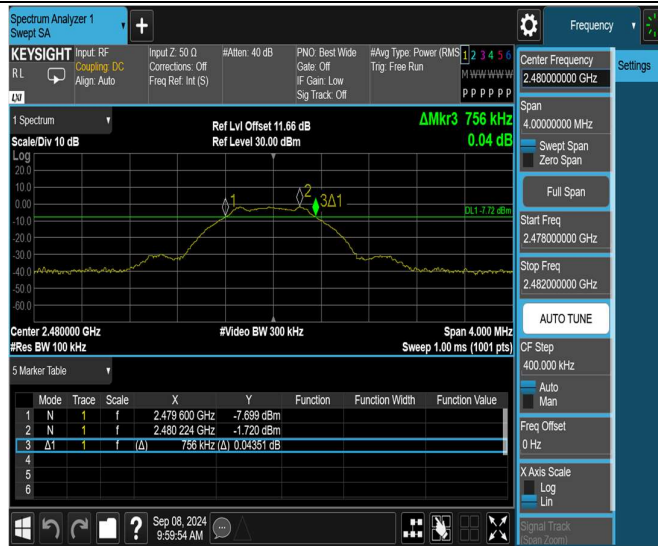
## Appendix A: DTS Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.732           | 2401.608 | 2402.340 | 0.5        | PASS    |
|          |         | 2440           | 0.716           | 2439.620 | 2440.336 | 0.5        | PASS    |
|          |         | 2480           | 0.756           | 2479.600 | 2480.356 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.448           | 2401.252 | 2402.700 | 0.5        | PASS    |
|          |         | 2440           | 1.460           | 2439.252 | 2440.712 | 0.5        | PASS    |
|          |         | 2480           | 1.420           | 2479.276 | 2480.696 | 0.5        | PASS    |

## Test Graphs





BLE\_2M\_Ant1\_2402



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480



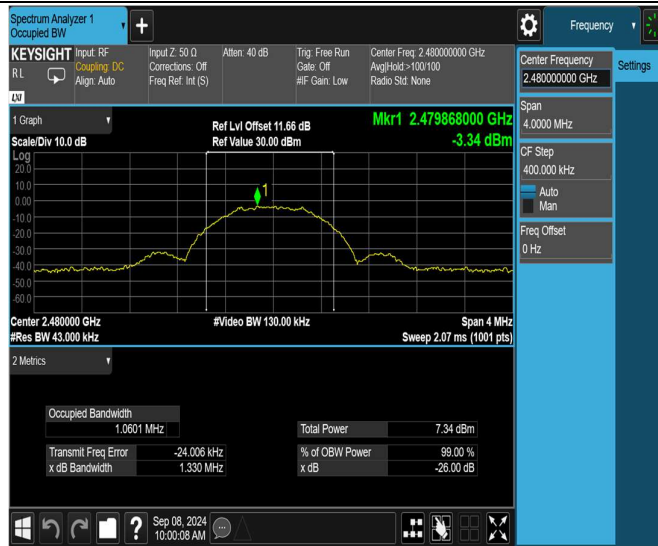
## Appendix B: Occupied Channel Bandwidth

### Test Result

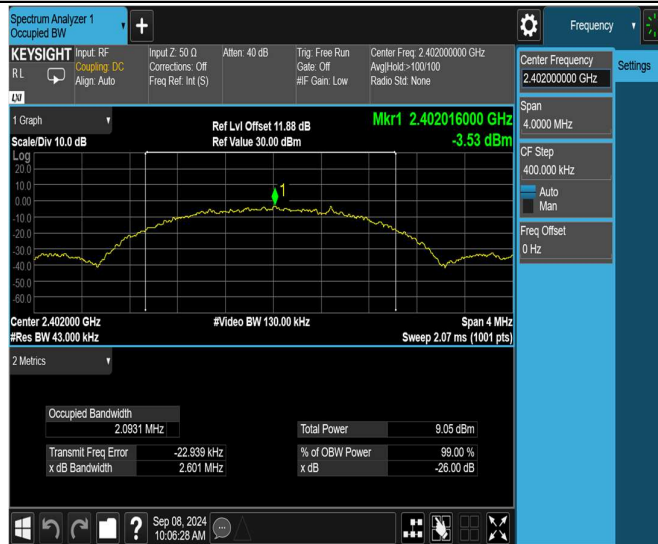
| TestMode | Antenna | Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 1.0661       | 2401.4418 | 2402.5079 | ---        | ---     |
|          |         | 2440           | 1.0714       | 2439.4383 | 2440.5097 | ---        | ---     |
|          |         | 2480           | 1.0596       | 2479.4479 | 2480.5075 | ---        | ---     |
| BLE_2M   | Ant1    | 2402           | 2.1038       | 2400.9262 | 2403.0300 | ---        | ---     |
|          |         | 2440           | 2.1034       | 2438.9234 | 2441.0268 | ---        | ---     |
|          |         | 2480           | 2.0881       | 2478.9292 | 2481.0173 | ---        | ---     |

## Test Graphs

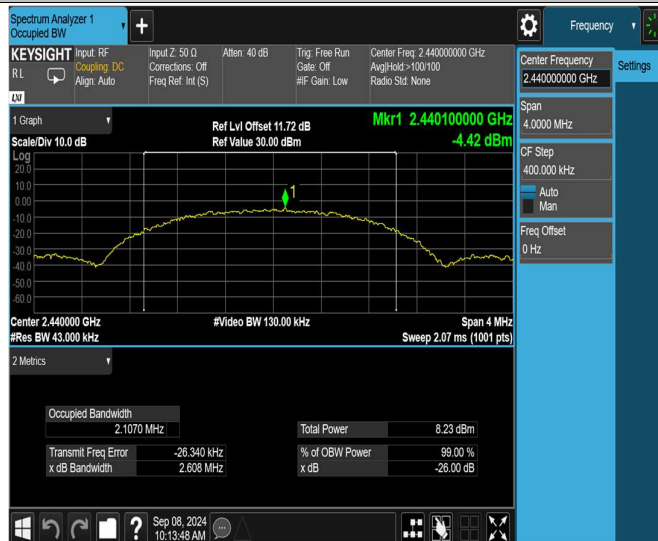




BLE\_2M\_Ant1\_2402



BLE\_2M\_Ant1\_2440





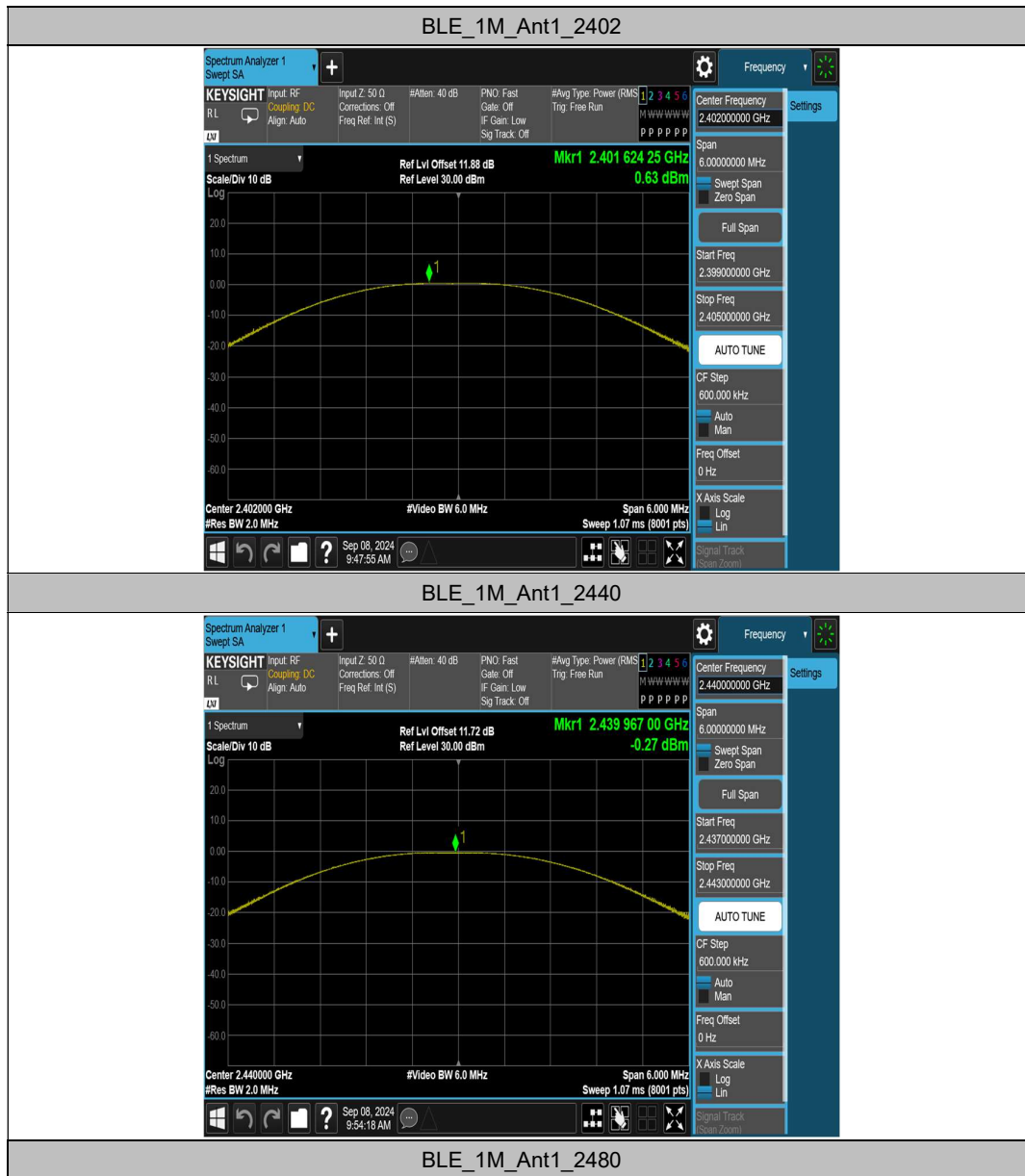


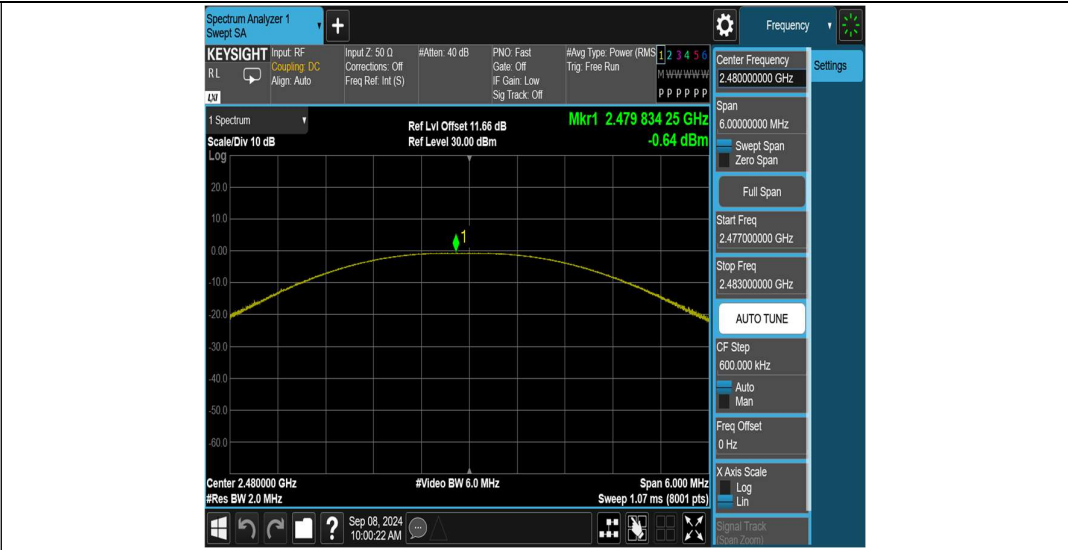
## Appendix C: Maximum conducted output power

### Test Result Peak

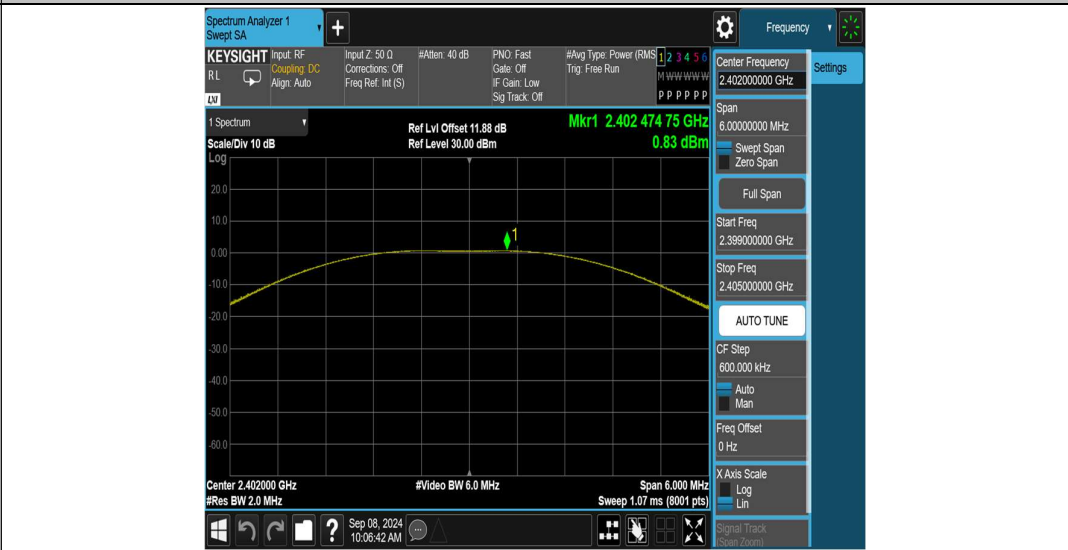
| TestMode | Antenna | Frequency[MHz] | Conducted<br>Peak<br>Power[dBm] | Conducted<br>Limit[dBm] | EIRP[dBm] | EIRP<br>Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------------|-------------------------|-----------|--------------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.63                            | ≤30                     | 3.34      | ≤36                | PASS    |
|          |         | 2440           | -0.27                           | ≤30                     | 2.44      | ≤36                | PASS    |
|          |         | 2480           | -0.64                           | ≤30                     | 2.07      | ≤36                | PASS    |
| BLE_2M   | Ant1    | 2402           | 0.83                            | ≤30                     | 3.54      | ≤36                | PASS    |
|          |         | 2440           | -0.04                           | ≤30                     | 2.67      | ≤36                | PASS    |
|          |         | 2480           | -0.52                           | ≤30                     | 2.19      | ≤36                | PASS    |

## Test Graphs Peak

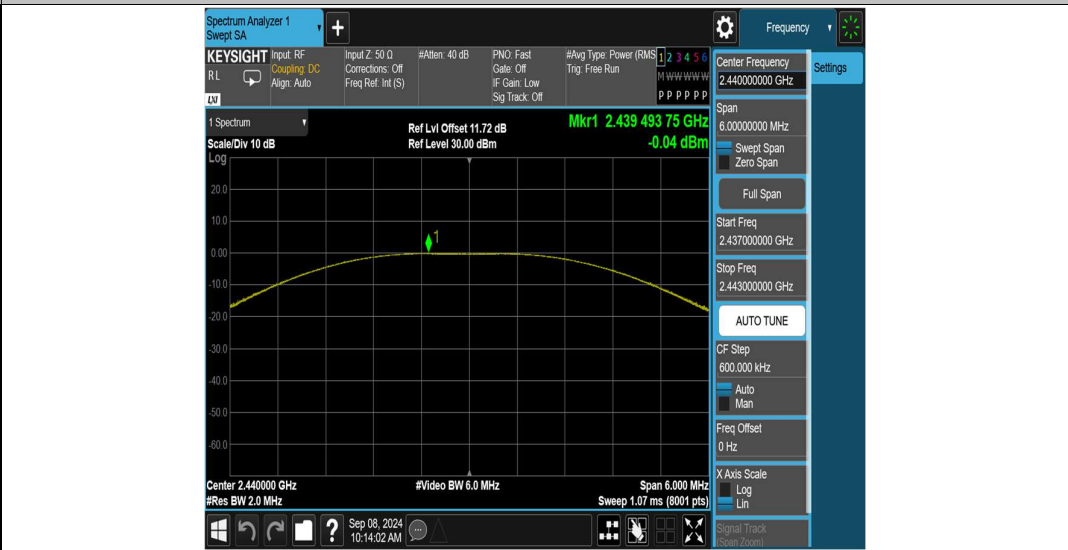




BLE\_2M\_Ant1\_2402



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480

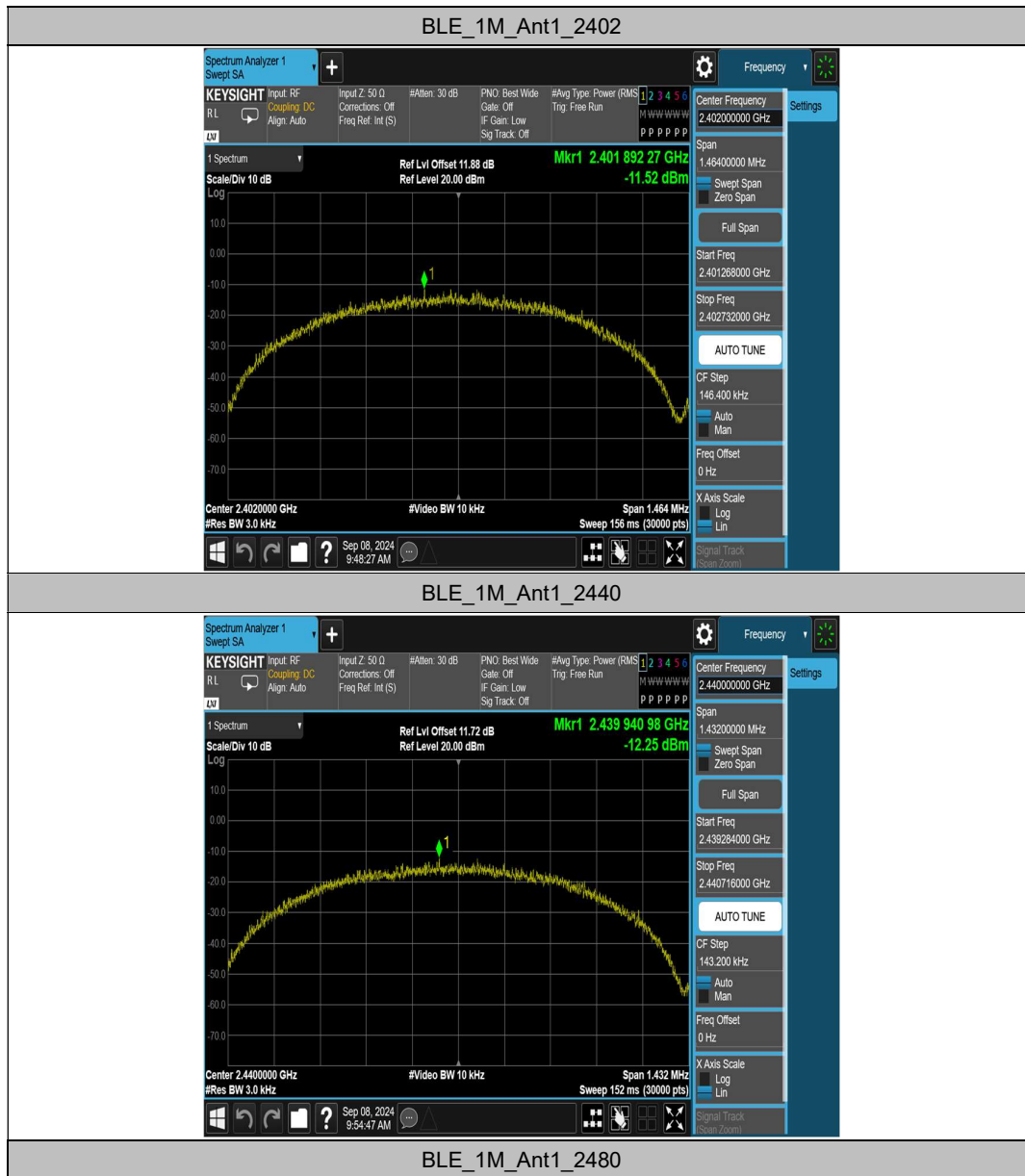


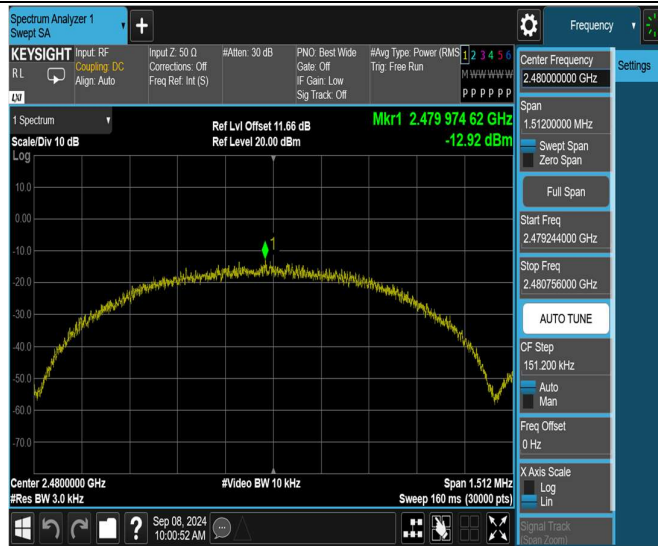
## Appendix D: Maximum power spectral density

### Test Result

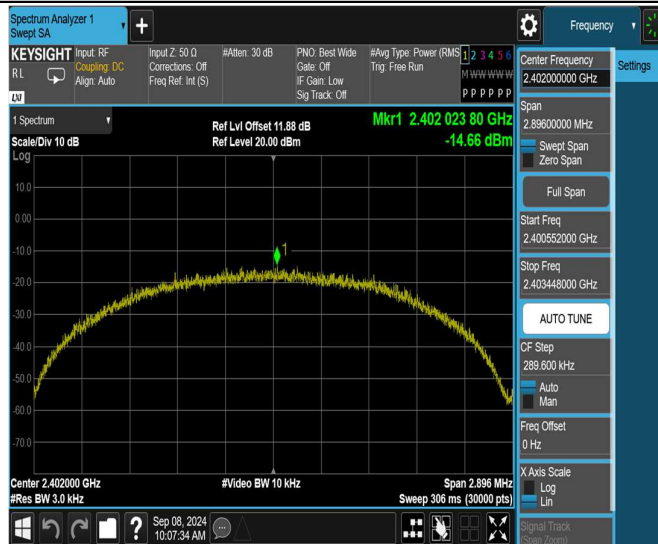
| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -11.53           | ≤8.00           | PASS    |
|          |         | 2440           | -12.25           | ≤8.00           | PASS    |
|          |         | 2480           | -12.92           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -14.66           | ≤8.00           | PASS    |
|          |         | 2440           | -14.80           | ≤8.00           | PASS    |
|          |         | 2480           | -15.83           | ≤8.00           | PASS    |

## Test Graphs

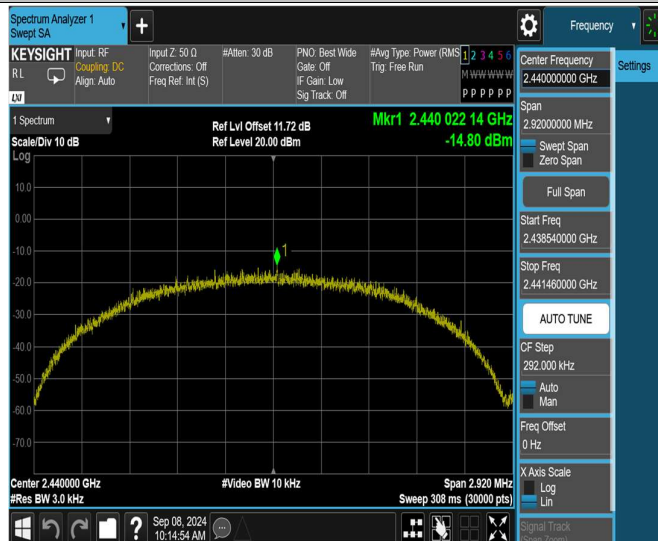




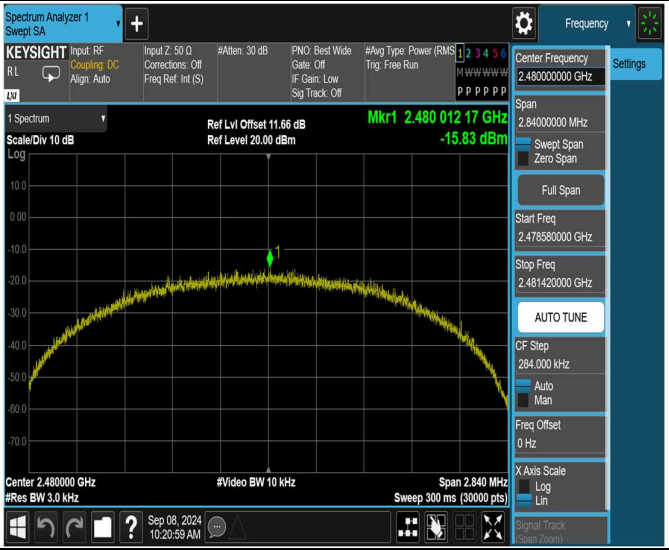
BLE\_2M\_Ant1\_2402



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480





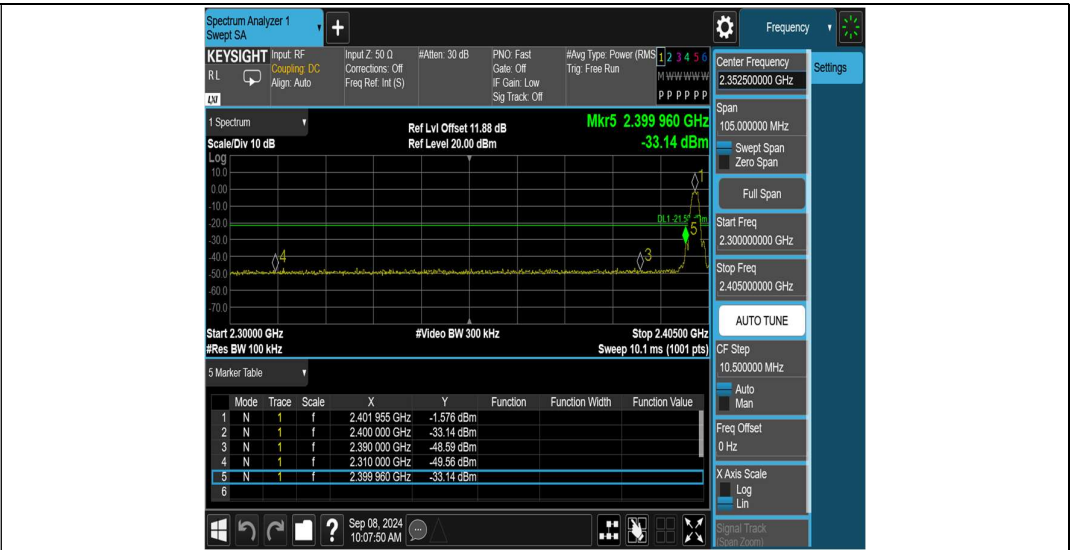
## Appendix E: Band edge measurements

### Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|----------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402           | -0.11         | -46.83      | ≤-20.11    | PASS    |
|          |         | High   | 2480           | -1.61         | -46.25      | ≤-21.61    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402           | -1.58         | -33.14      | ≤-21.58    | PASS    |
|          |         | High   | 2480           | -2.86         | -46.7       | ≤-22.86    | PASS    |

## Test Graphs





BLE\_2M\_Ant1\_High\_2480

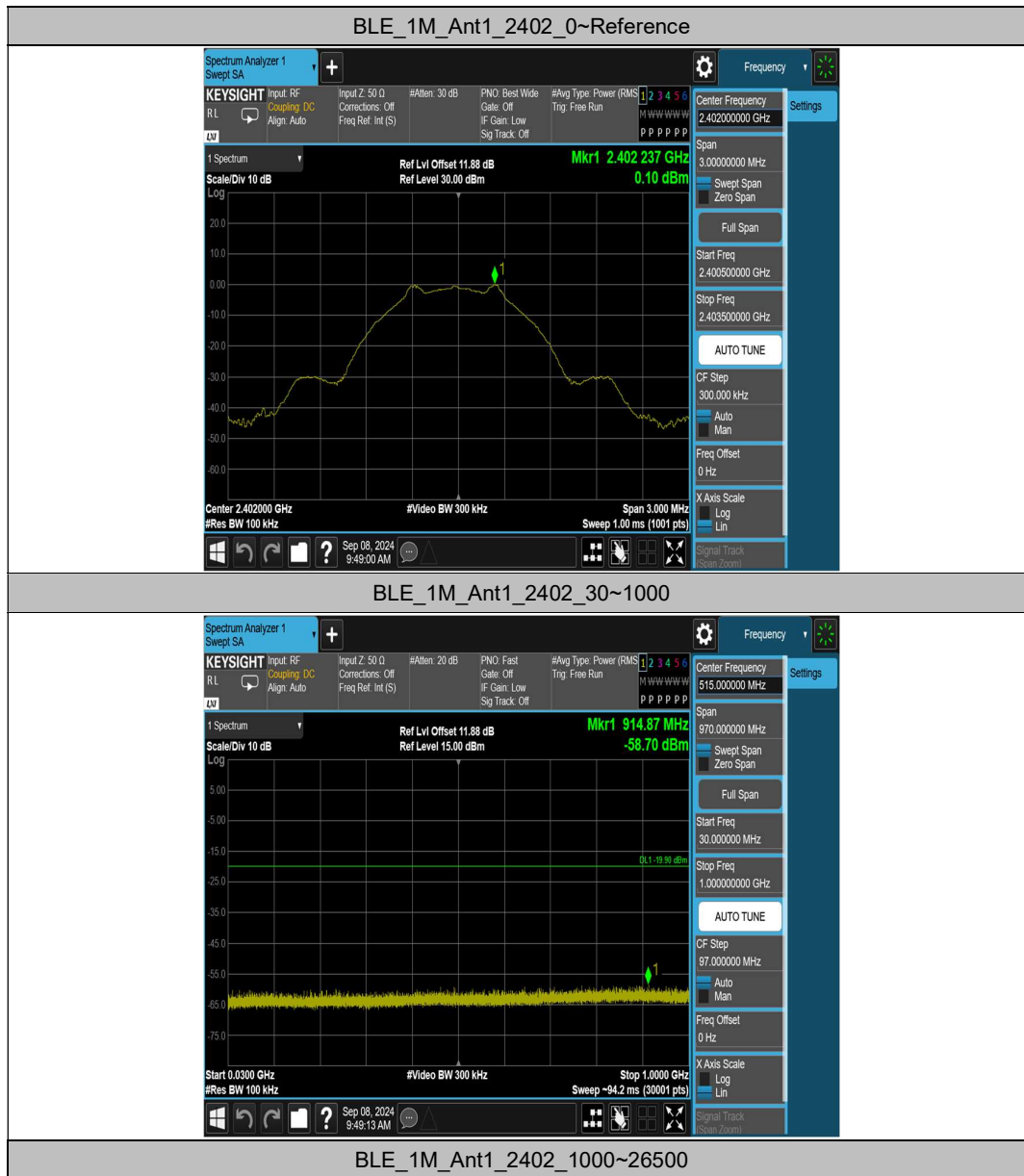


## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Frequency<br>[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------------------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402               | Reference          | 0.10              | 0.10        | ---        | PASS    |
|          |         |                    | 30~1000            | 0.10              | -58.7       | ≤-19.9     | PASS    |
|          |         |                    | 1000~26500         | 0.10              | -50.43      | ≤-19.9     | PASS    |
|          |         | 2440               | Reference          | -1.02             | -1.02       | ---        | PASS    |
|          |         |                    | 30~1000            | -1.02             | -59.08      | ≤-21.02    | PASS    |
|          |         |                    | 1000~26500         | -1.02             | -50.96      | ≤-21.02    | PASS    |
|          |         | 2480               | Reference          | -1.47             | -1.47       | ---        | PASS    |
|          |         |                    | 30~1000            | -1.47             | -58.37      | ≤-21.47    | PASS    |
|          |         |                    | 1000~26500         | -1.47             | -50.59      | ≤-21.47    | PASS    |
| BLE_2M   | Ant1    | 2402               | Reference          | -1.30             | -1.30       | ---        | PASS    |
|          |         |                    | 30~1000            | -1.30             | -58.17      | ≤-21.3     | PASS    |
|          |         |                    | 1000~26500         | -1.30             | -50.65      | ≤-21.3     | PASS    |
|          |         | 2440               | Reference          | -2.30             | -2.30       | ---        | PASS    |
|          |         |                    | 30~1000            | -2.30             | -58.59      | ≤-22.3     | PASS    |
|          |         |                    | 1000~26500         | -2.30             | -49.51      | ≤-22.3     | PASS    |
|          |         | 2480               | Reference          | -2.67             | -2.67       | ---        | PASS    |
|          |         |                    | 30~1000            | -2.67             | -58.04      | ≤-22.67    | PASS    |
|          |         |                    | 1000~26500         | -2.67             | -50.44      | ≤-22.67    | PASS    |

## Test Graphs

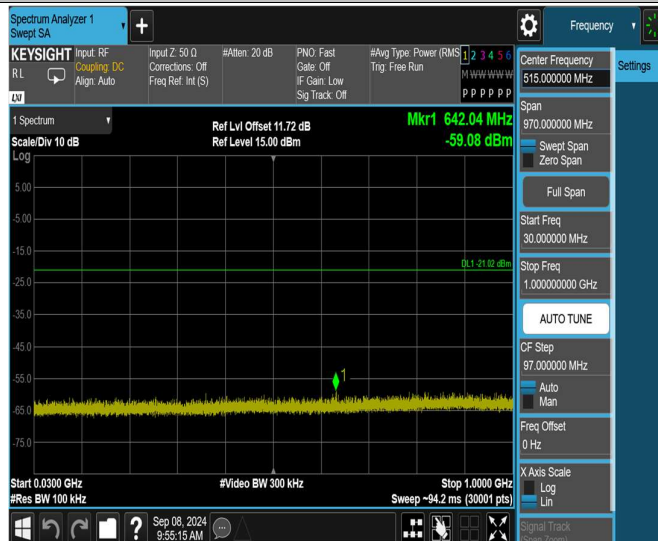




BLE\_1M\_Ant1\_2440\_0~Reference



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



BLE\_2M\_Ant1\_2402\_0~Reference





