



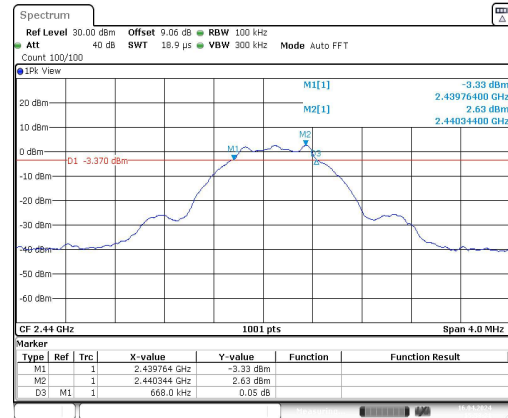
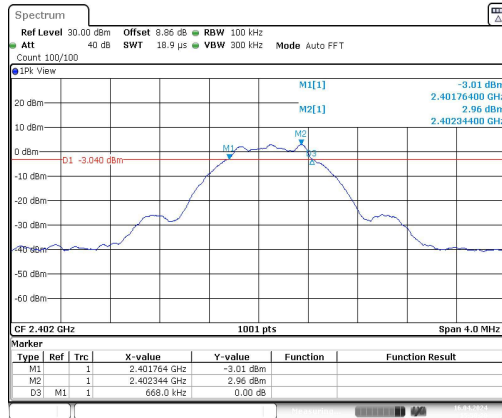
## Appendix A: DTS Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.67         | 2401.76 | 2402.43 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.67         | 2439.76 | 2440.43 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.69         | 2479.76 | 2480.44 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.13         | 2401.53 | 2402.66 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.13         | 2439.54 | 2440.67 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.14         | 2479.54 | 2480.67 | 0.5        | PASS    |

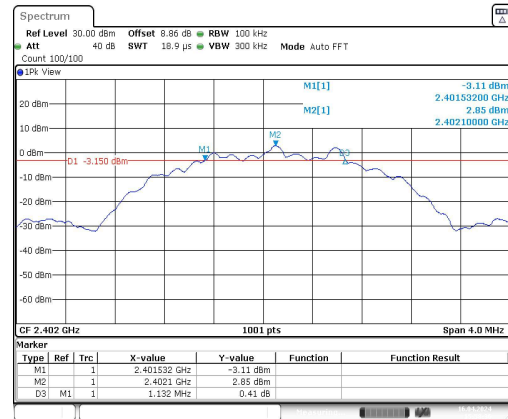
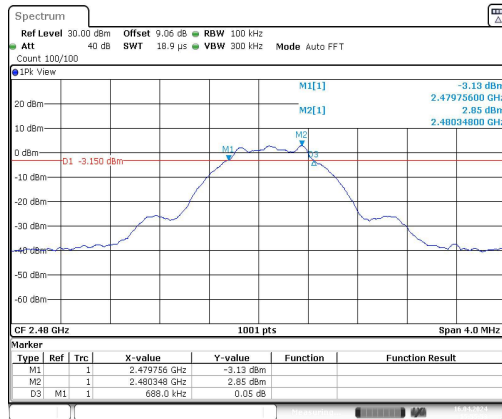


## Test Graphs



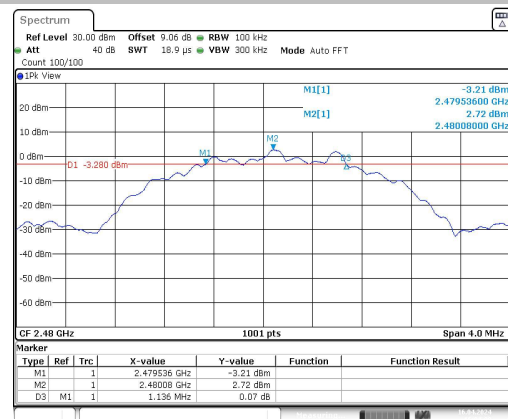
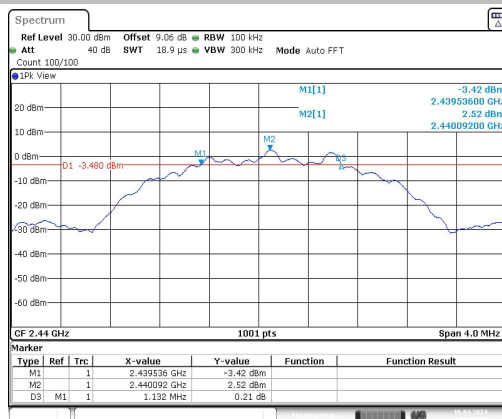
BLE\_1M-Ant1-2402-PASS

BLE\_1M-Ant1-2440-PASS



BLE\_1M-Ant1-2480-PASS

BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS

BLE\_2M-Ant1-2480-PASS



## Appendix B: Occupied Channel Bandwidth

### Test Result

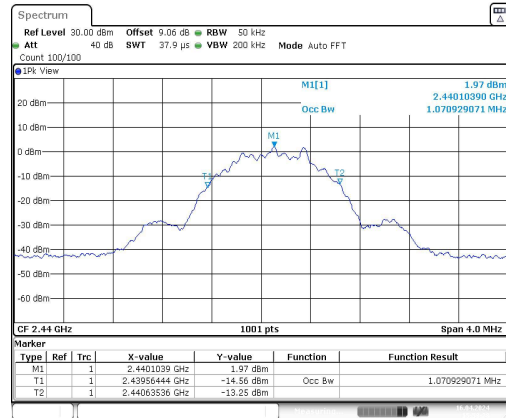
| Test Mode | Antenna | Channel<br>Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|-----------|-----------|-----------|------------|---------|
| BLE_1M    | Ant1    | 2402                      | 1.059     | 2401.5684 | 2402.6274 | ---        | ---     |
| BLE_1M    | Ant1    | 2440                      | 1.071     | 2439.5644 | 2440.6354 | ---        | ---     |
| BLE_1M    | Ant1    | 2480                      | 1.063     | 2479.5684 | 2480.6314 | ---        | ---     |
| BLE_2M    | Ant1    | 2402                      | 2.13      | 2401.0370 | 2403.1668 | ---        | ---     |
| BLE_2M    | Ant1    | 2440                      | 2.146     | 2439.0290 | 2441.1748 | ---        | ---     |
| BLE_2M    | Ant1    | 2480                      | 2.122     | 2479.0450 | 2481.1668 | ---        | ---     |



## Test Graphs



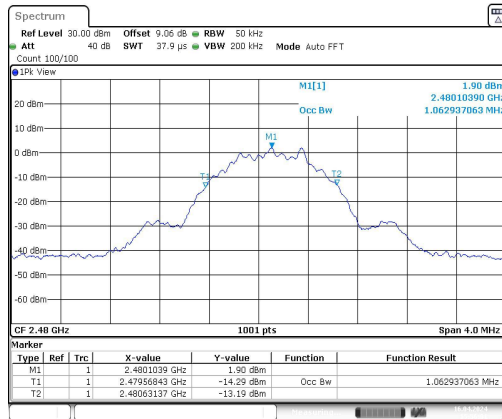
Date: 16.APR.2024 15:50:26



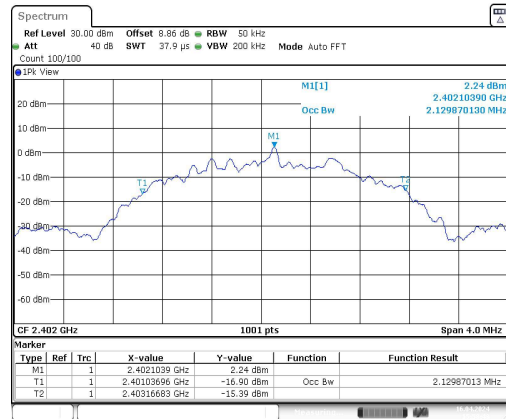
Date: 16.APR.2024 15:53:28

BLE\_1M-Ant1-2402

BLE\_1M-Ant1-2440



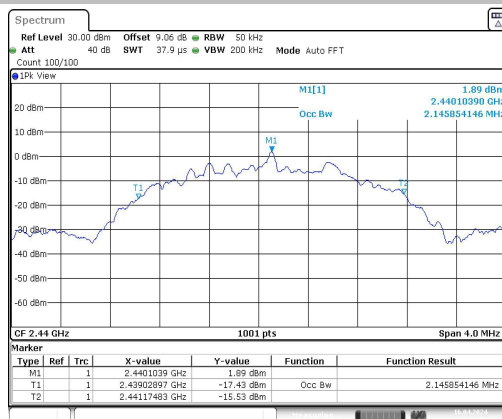
Date: 16.APR.2024 15:56:01



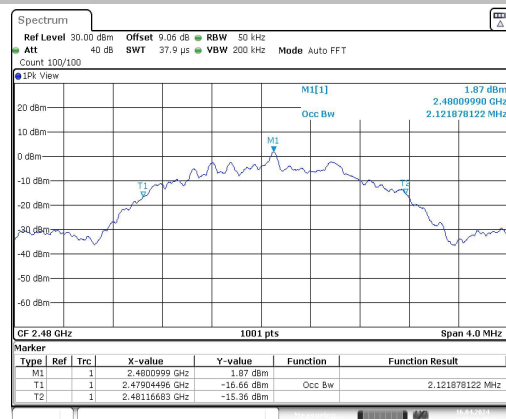
Date: 16.APR.2024 15:58:43

BLE\_1M-Ant1-2480

BLE\_2M-Ant1-2402



Date: 16.APR.2024 16:02:05



Date: 16.APR.2024 16:04:46

BLE\_2M-Ant1-2440

BLE\_2M-Ant1-2480



## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency<br>[MHz] | Peak<br>Power<br>[dBm] | Peak<br>Powe Limit<br>[dBm] | Gain<br>[dBi] | EIRP<br>[dBm] | EIRP<br>Limit<br>[dBm] | Verdict |
|-----------|---------|--------------------|------------------------|-----------------------------|---------------|---------------|------------------------|---------|
| BLE_1M    | Ant1    | 2402               | 3.33                   | ≤30                         | 1.20          | 4.53          | --                     | PASS    |
| BLE_1M    | Ant1    | 2440               | 2.94                   | ≤30                         | 1.20          | 4.14          | --                     | PASS    |
| BLE_1M    | Ant1    | 2480               | 3.14                   | ≤30                         | 1.20          | 4.34          | --                     | PASS    |
| BLE_2M    | Ant1    | 2402               | 3.23                   | ≤30                         | 1.20          | 4.43          | --                     | PASS    |
| BLE_2M    | Ant1    | 2440               | 2.82                   | ≤30                         | 1.20          | 4.02          | --                     | PASS    |
| BLE_2M    | Ant1    | 2480               | 3.04                   | ≤30                         | 1.20          | 4.24          | --                     | PASS    |



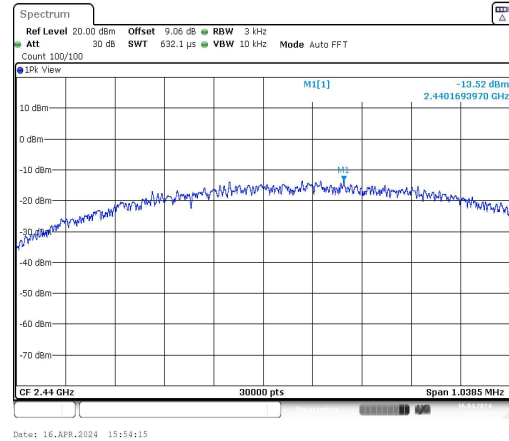
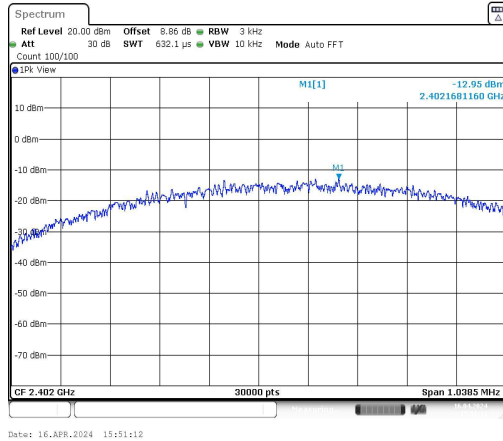
## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -12.95           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -13.52           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -13.14           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -14.67           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -14.98           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -14.95           | ≤8.00           | PASS    |

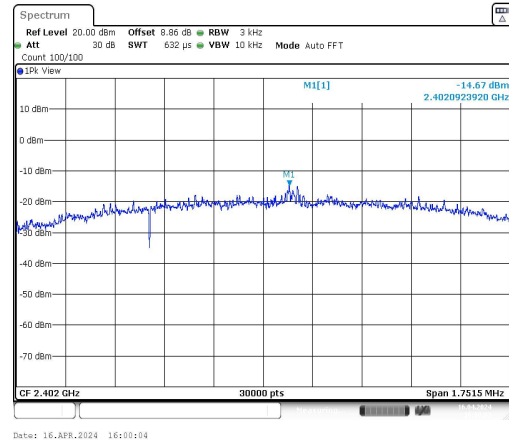
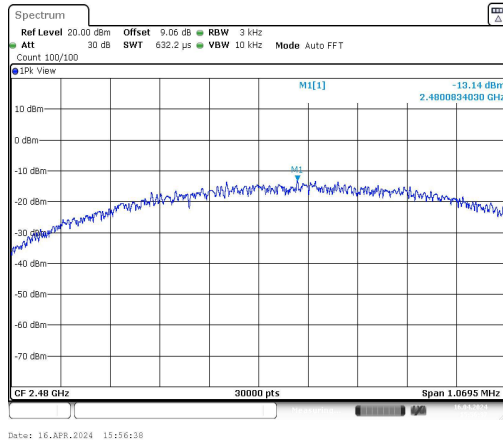


## Test Graphs



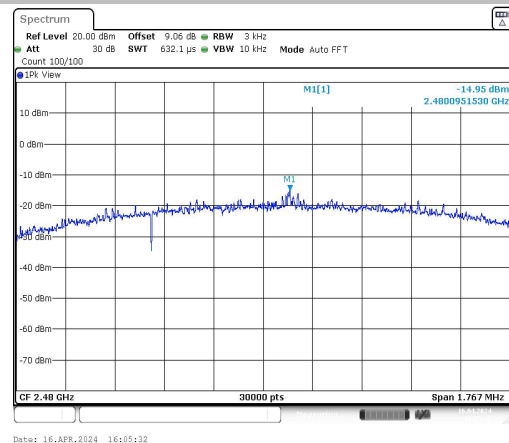
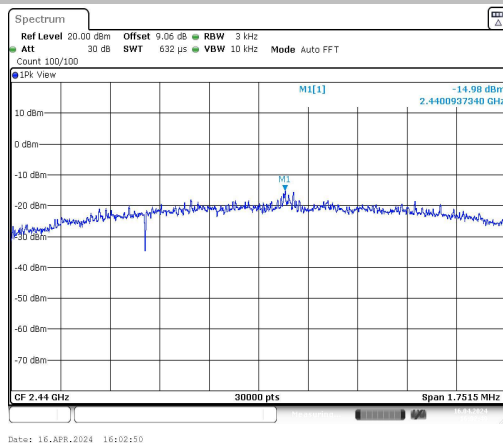
BLE\_1M-Ant1-2402-PASS

BLE\_1M-Ant1-2440-PASS



BLE\_1M-Ant1-2480-PASS

BLE\_2M-Ant1-2402-PASS



BLE\_2M-Ant1-2440-PASS

BLE\_2M-Ant1-2480-PASS