

# APPENDIX REPORT

|                 |                                                                                   |                     |                                                                                     |
|-----------------|-----------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|
| Project No.     | SHT2606090409W                                                                    | Radio Specification | Bluetooth BLE                                                                       |
| Test sample No. | YPHT26060904006                                                                   | Model No.           | SQDBT-PTT                                                                           |
| Start test date | 2026-08-06                                                                        | Finish date         | 2026-08-06                                                                          |
| Temperature     | 23.3℃                                                                             | Humidity            | 52%                                                                                 |
| Test Engineer   |  | Auditor             |  |

| Appendix clause | Test item                                  | Result |
|-----------------|--------------------------------------------|--------|
| A               | Peak Output Power                          | Pass   |
| B               | Power Spectral Density                     | Pass   |
| C               | 6db Bandwidth                              | Pass   |
| D               | 99% Occupied Bandwidth                     | Pass   |
| E               | Duty Cycle                                 | Pass   |
| F               | Band edge and Spurious Emission(Conducted) | Pass   |

# Appendix A: Peak Output Power

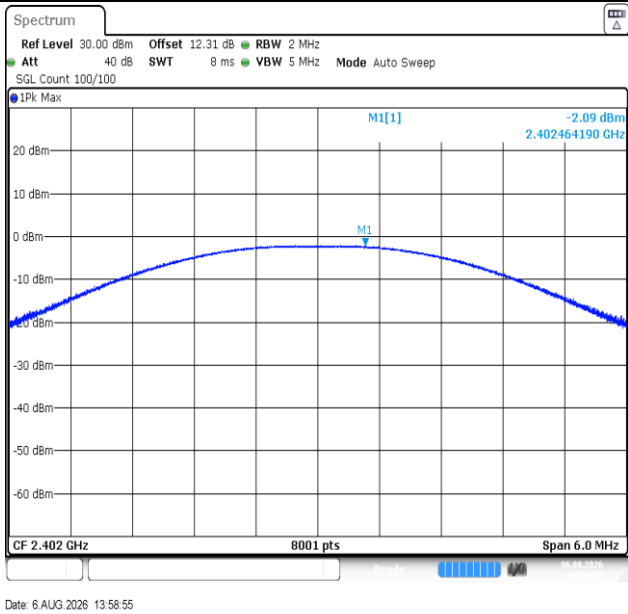
## Test Result Peak

| TestMode | Frequency[MHz] | Conducted Peak Powert[dBm] | Conducted Limit[dBm] | Verdict |
|----------|----------------|----------------------------|----------------------|---------|
| BLE_1M   | 2402           | -2.09                      | ≤30                  | PASS    |
| BLE_1M   | 2440           | -1.15                      | ≤30                  | PASS    |
| BLE_1M   | 2480           | -0.86                      | ≤30                  | PASS    |

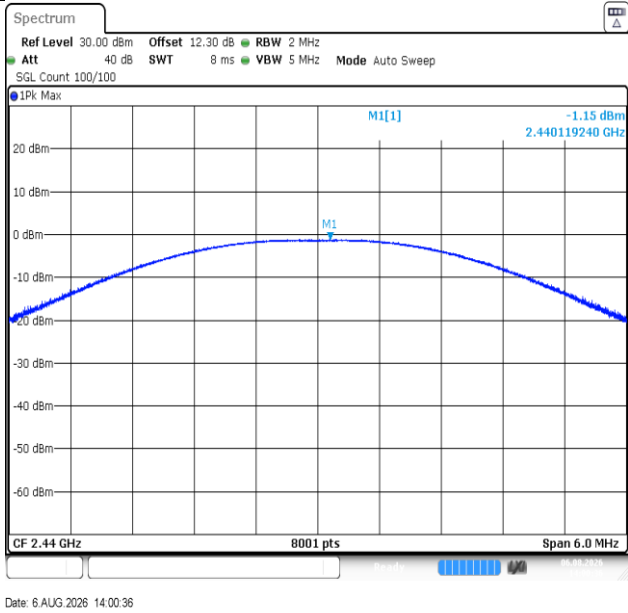
## Test Result Average

| Test Mode | Frequency[MHz] | Conducted Sensor power[dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|----------------|-----------------------------|----------------|-----------------|--------------|-------------|---------|
| BLE_1M    | 2402           | -4.02                       | 85.60          | 0.68            | -3.34        | ≤30.00      | PASS    |
| BLE_1M    | 2440           | -3.15                       | 85.60          | 0.68            | -2.47        | ≤30.00      | PASS    |
| BLE_1M    | 2480           | -2.82                       | 85.60          | 0.68            | -2.14        | ≤30.00      | PASS    |

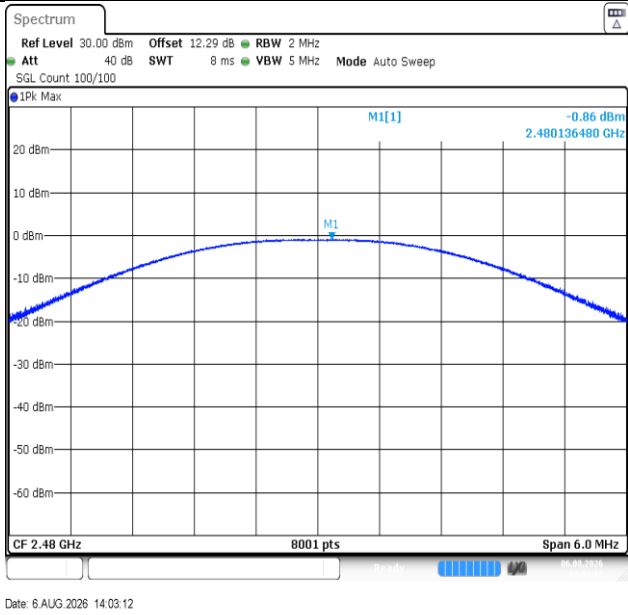
Test Graphs Peak



BLE\_1M-Ant1-2402-PASS



BLE\_1M-Ant1-2440-PASS



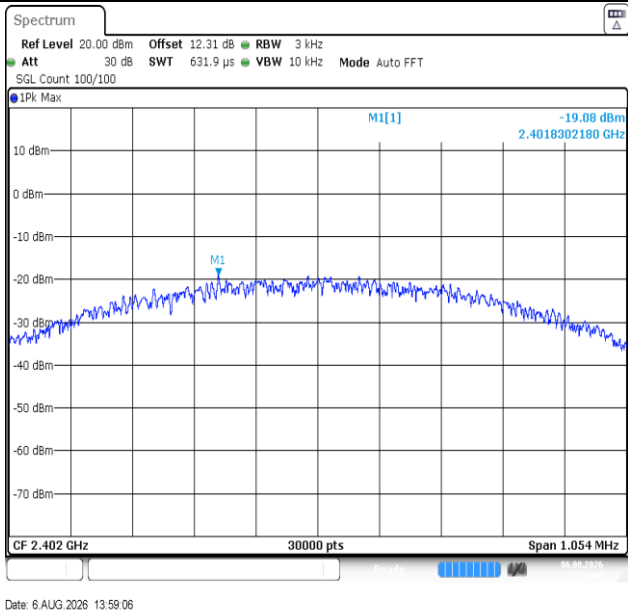
BLE\_1M-Ant1-2480-PASS

# Appendix B: Power Spectral Density

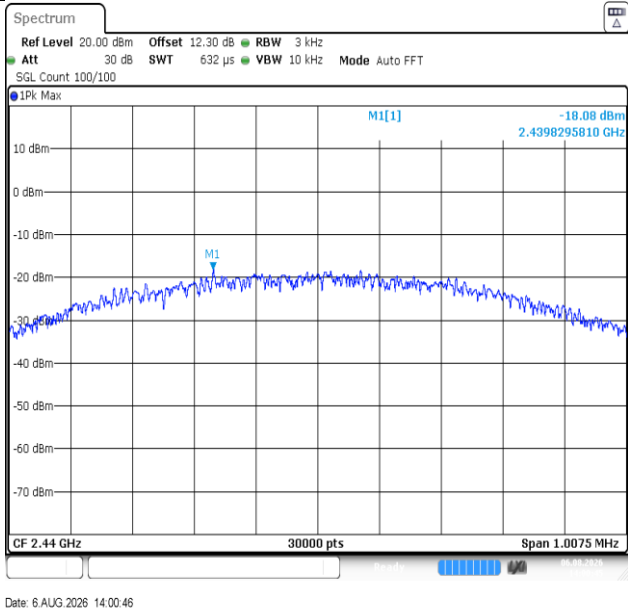
## Test Result

| TestMode | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|----------------|------------------|-----------------|---------|
| BLE_1M   | 2402           | -19.08           | ≤8.00           | PASS    |
| BLE_1M   | 2440           | -18.08           | ≤8.00           | PASS    |
| BLE_1M   | 2480           | -18.01           | ≤8.00           | PASS    |

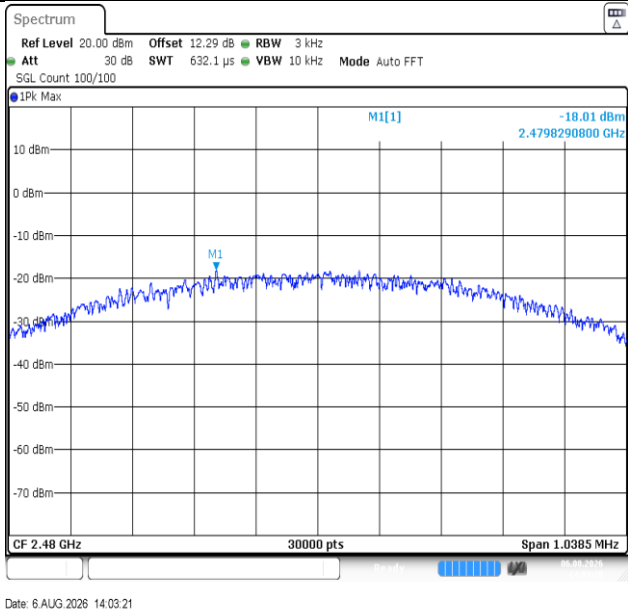
Test Graphs



BLE\_1M-Ant1-2402-PASS



BLE\_1M-Ant1-2440-PASS



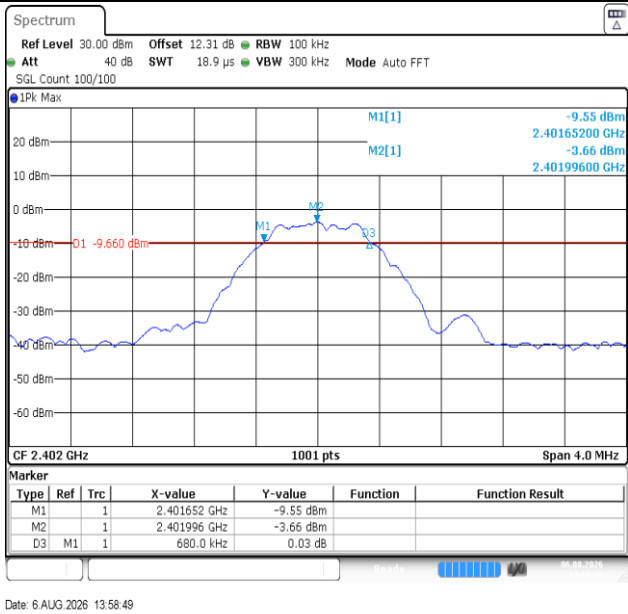
BLE\_1M-Ant1-2480-PASS

# Appendix C: 6db Bandwidth

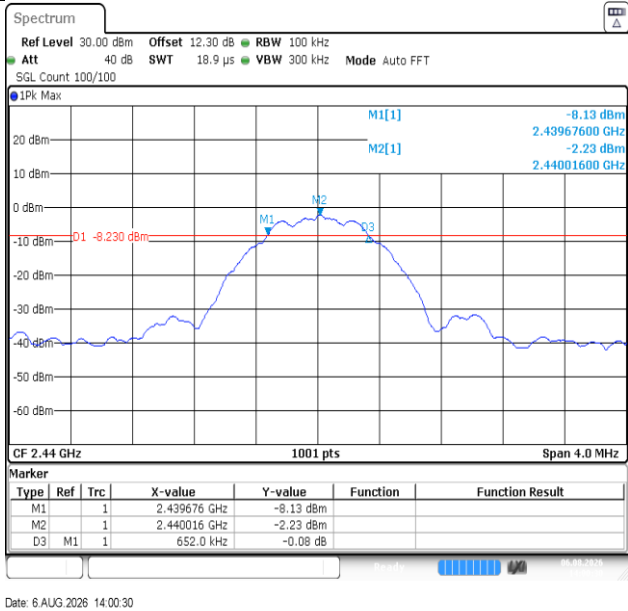
## Test Result

| TestMode | Frequency[MHz] | 6db Bandwidth [MHz] | Limit[MHz] | Verdict |
|----------|----------------|---------------------|------------|---------|
| BLE_1M   | 2402           | 0.68                | 0.5        | PASS    |
| BLE_1M   | 2440           | 0.65                | 0.5        | PASS    |
| BLE_1M   | 2480           | 0.67                | 0.5        | PASS    |

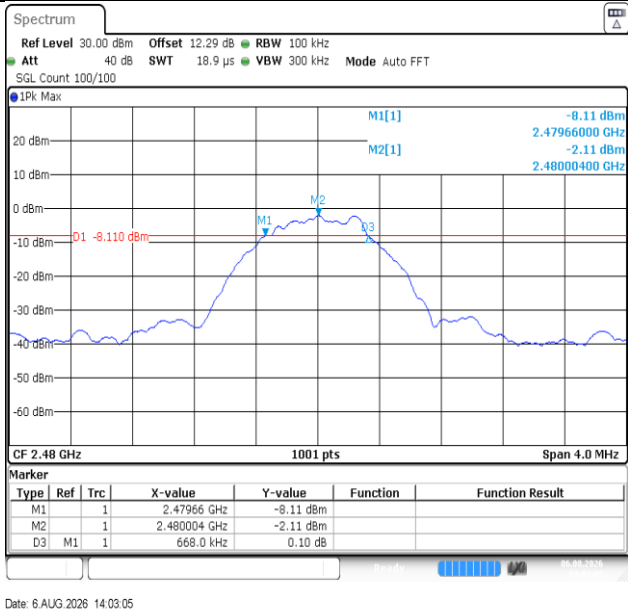
Test Graphs



BLE\_1M-Ant1-2402-PASS



BLE\_1M-Ant1-2440-PASS



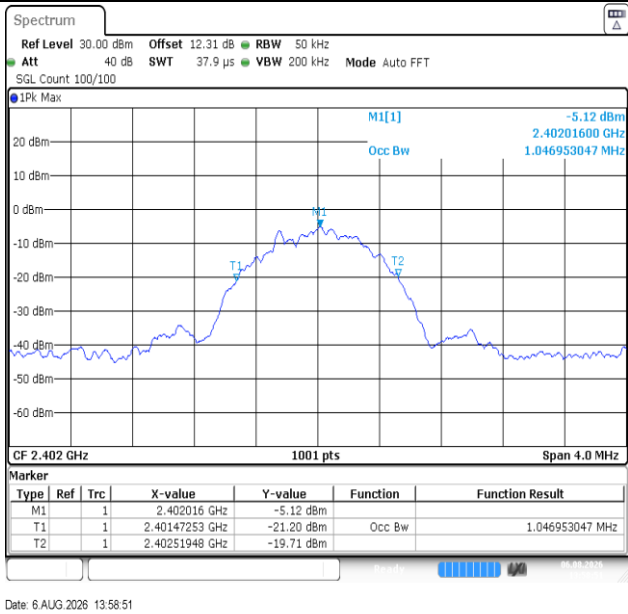
BLE\_1M-Ant1-2480-PASS

# Appendix D: 99% Occupied Bandwidth

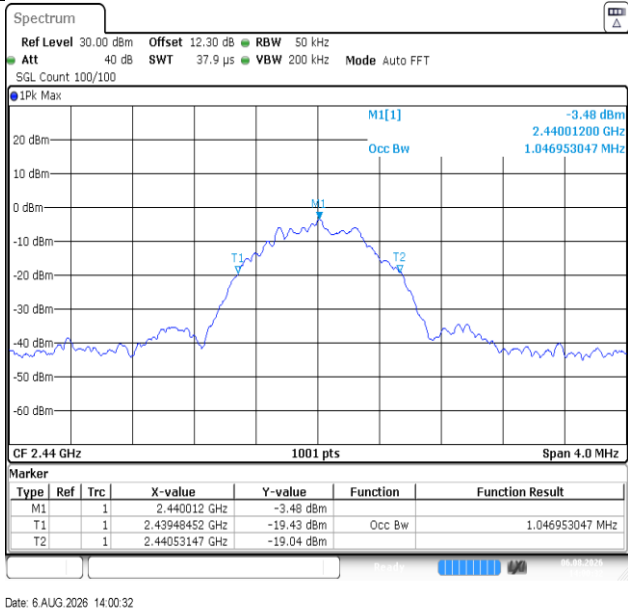
## Test Result

| TestMode | Frequency[MHz] | 99% Occupied Bandwidth [MHz] | Limit[MHz] | Verdict |
|----------|----------------|------------------------------|------------|---------|
| BLE_1M   | 2402           | 1.0470                       | ---        | ---     |
| BLE_1M   | 2440           | 1.0470                       | ---        | ---     |
| BLE_1M   | 2480           | 1.0430                       | ---        | ---     |

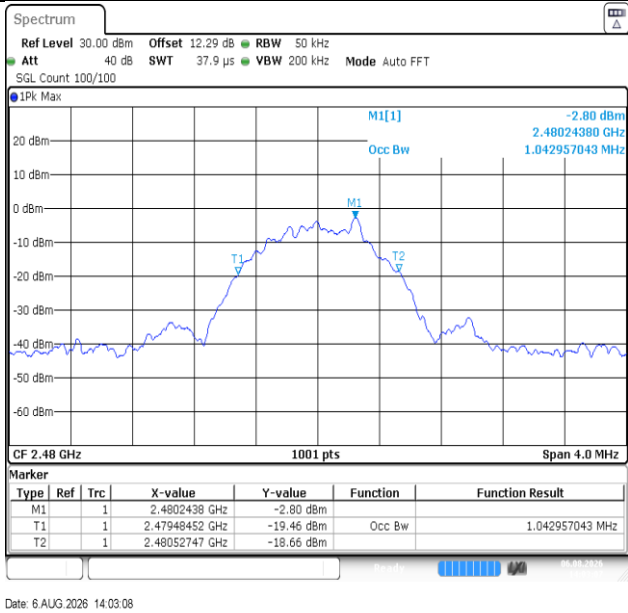
Test Graphs



BLE\_1M-Ant1-2402



BLE\_1M-Ant1-2440



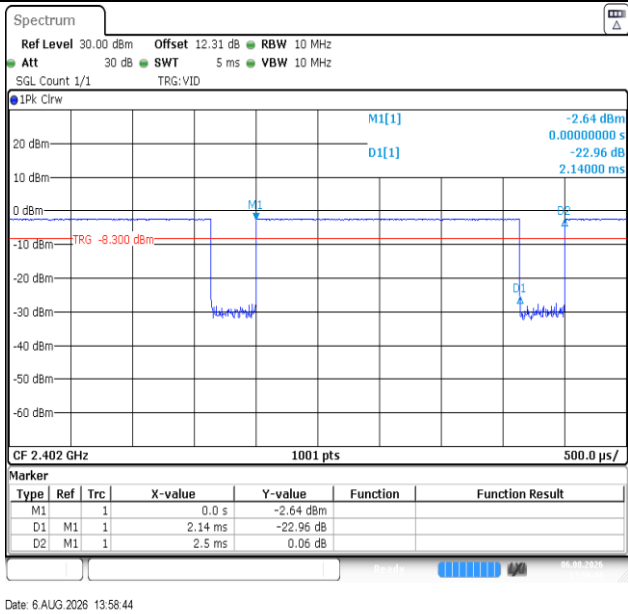
BLE\_1M-Ant1-2480

# Appendix E: Duty Cycle

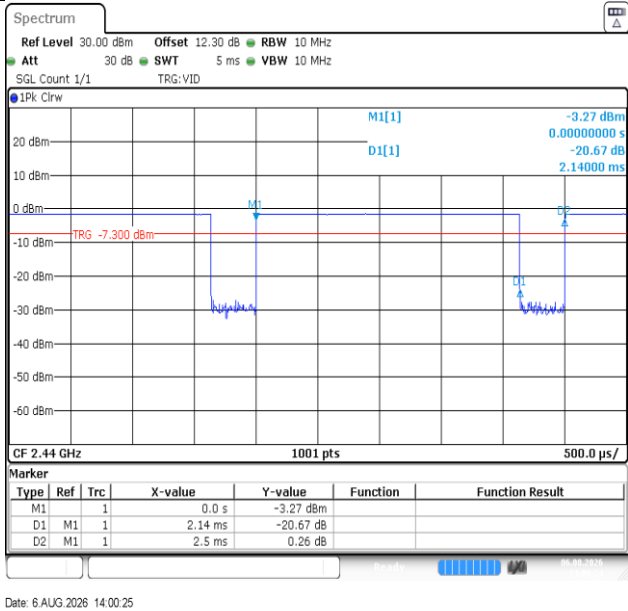
## Test Result

| TestMode | Frequency[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] | 1/Ton time(kHz) |
|----------|----------------|-----------------|----------------|-------------------|--------------------------|-----------------|
| BLE_1M   | 2402           | 2.14            | 2.50           | 85.60             | 0.68                     | 0.47            |
| BLE_1M   | 2440           | 2.14            | 2.50           | 85.60             | 0.68                     | 0.47            |
| BLE_1M   | 2480           | 2.14            | 2.50           | 85.60             | 0.68                     | 0.47            |

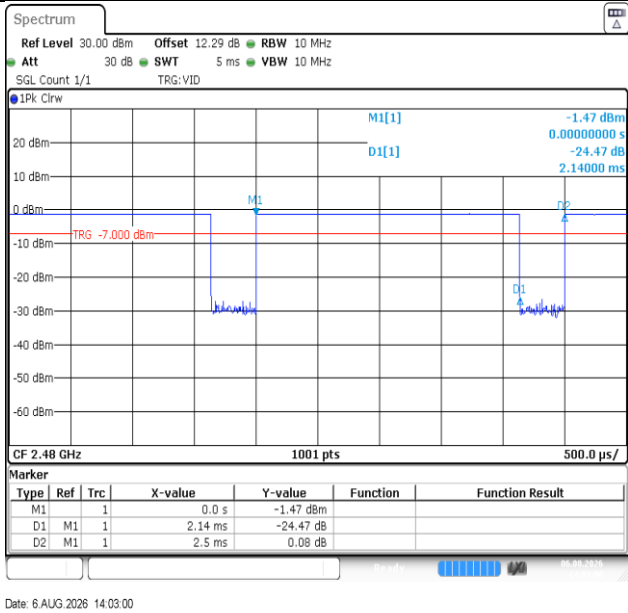
Test Graphs



NTNV-BLE\_1M-Ant1-2402



NTNV-BLE\_1M-Ant1-2440

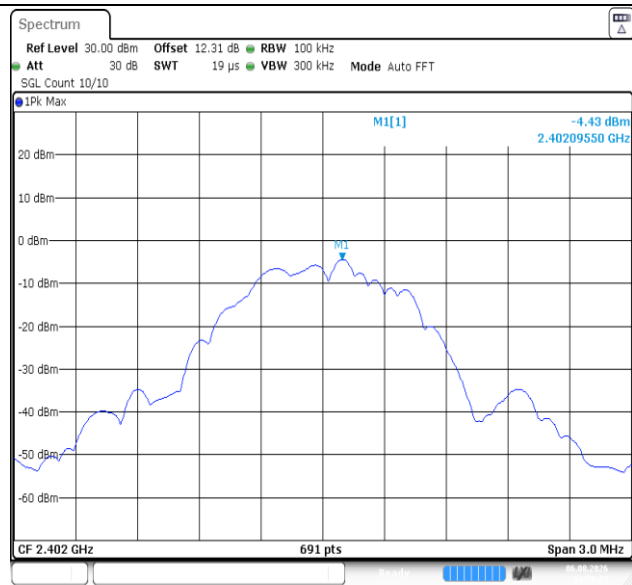


NTNV-BLE\_1M-Ant1-2480

# Appendix F: Band edge and Spurious Emission(Conducted)

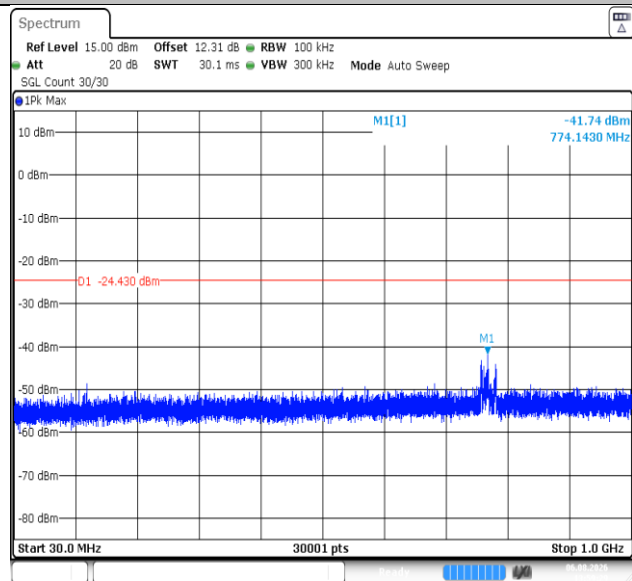
## Test Graphs





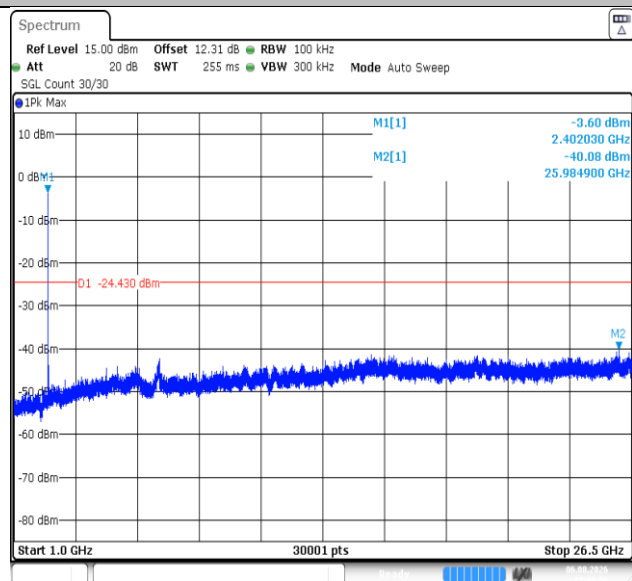
Date: 6 AUG 2026 13:59:23

### BLE\_1M-Ant1-2402-0~Reference-PASS



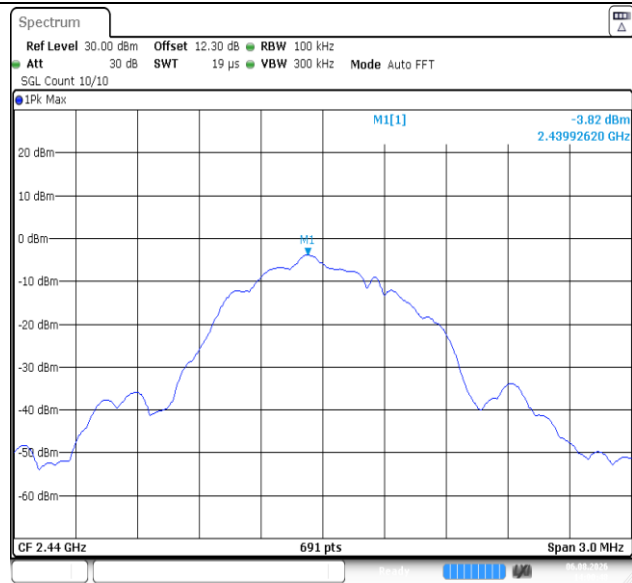
Date: 6 AUG 2026 13:59:29

### BLE\_1M-Ant1-2402-30~1000-PASS



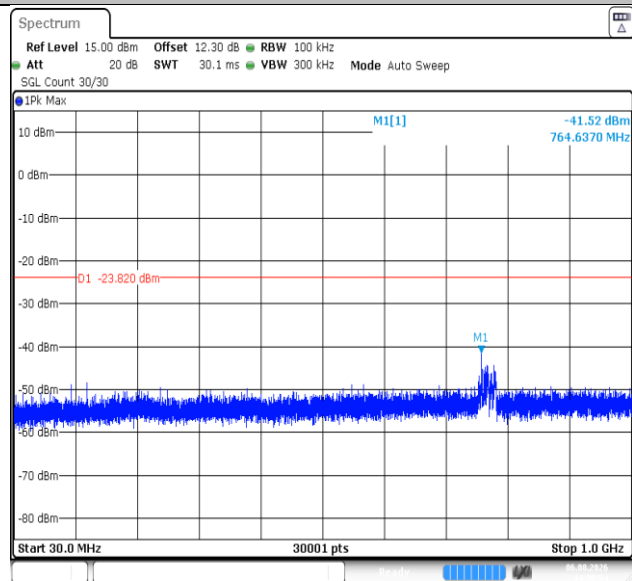
Date: 6 AUG 2026 13:59:56

### BLE\_1M-Ant1-2402-1000~26500-PASS



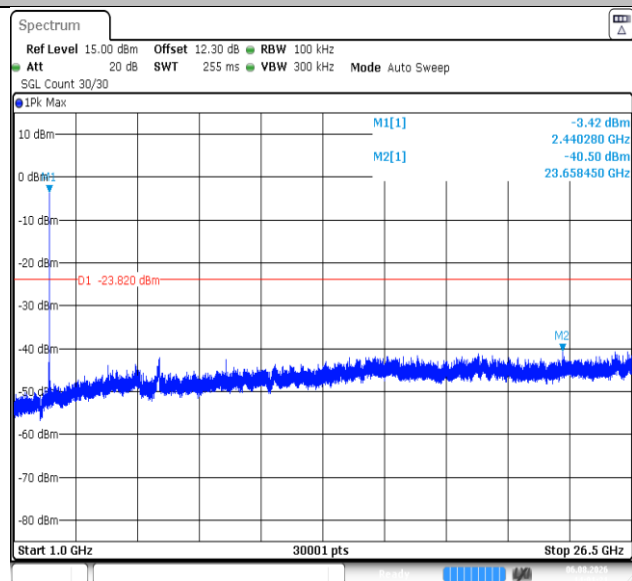
Date: 6 AUG 2026 14:00:48

### BLE\_1M-Ant1-2440-0~Reference-PASS



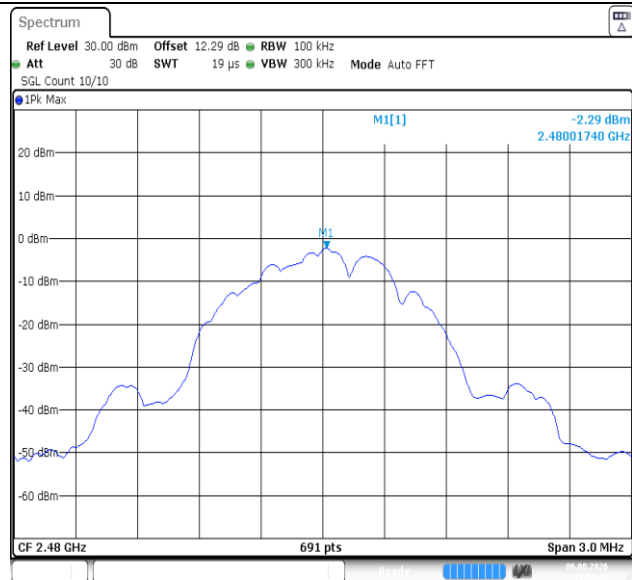
Date: 6 AUG 2026 14:00:54

### BLE\_1M-Ant1-2440-30~1000-PASS



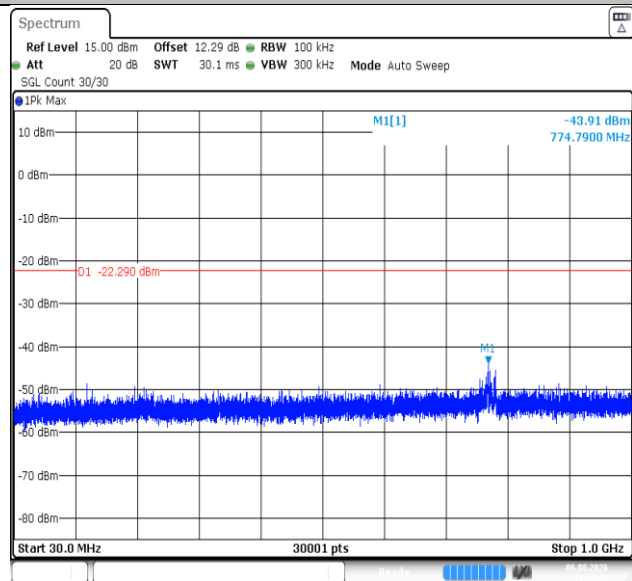
Date: 6 AUG 2026 14:01:21

### BLE\_1M-Ant1-2440-1000~26500-PASS



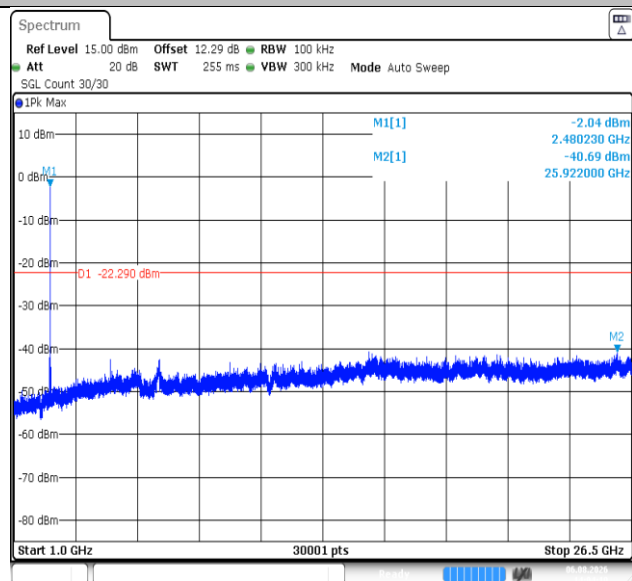
Date: 6 AUG 2026 14:03:37

### BLE\_1M-Ant1-2480-0~Reference-PASS



Date: 6 AUG 2026 14:03:43

### BLE\_1M-Ant1-2480-30~1000-PASS



Date: 6 AUG 2026 14:04:10

### BLE\_1M-Ant1-2480-1000~26500-PASS

-----End of Report-----