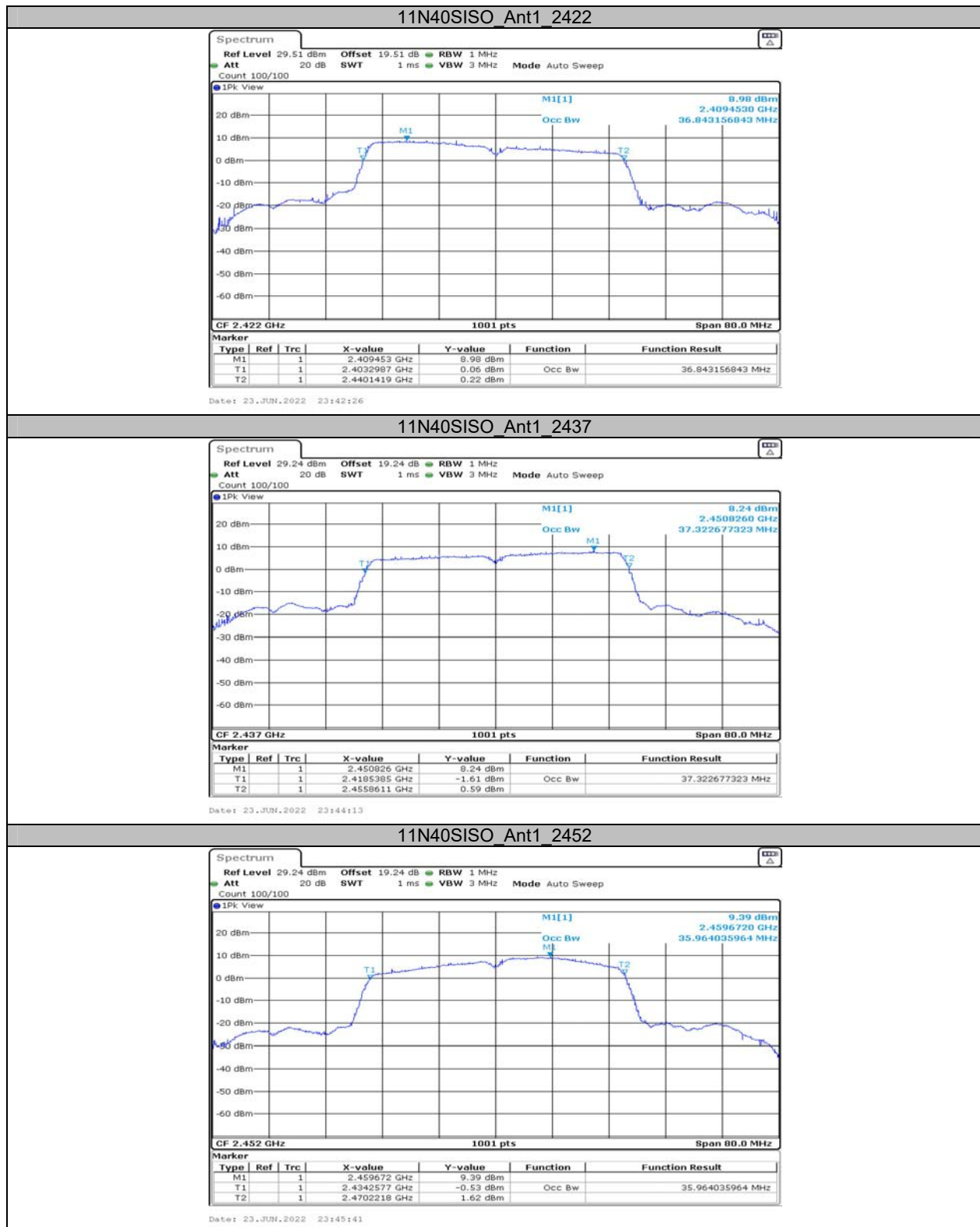




**Appendix C: Maximum conducted output power****Test Result**

PK:

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 18.99       | ≤30.00     | PASS    |
|           |         | 2437    | 18.60       | ≤30.00     | PASS    |
|           |         | 2462    | 18.87       | ≤30.00     | PASS    |
| 11G       | Ant1    | 2412    | 19.23       | ≤30.00     | PASS    |
|           |         | 2437    | 20.71       | ≤30.00     | PASS    |
|           |         | 2462    | 21.03       | ≤30.00     | PASS    |
| 11N20SISO | Ant1    | 2412    | 19.02       | ≤30.00     | PASS    |
|           |         | 2437    | 20.74       | ≤30.00     | PASS    |
|           |         | 2462    | 21.01       | ≤30.00     | PASS    |
| 11N40SISO | Ant1    | 2422    | 20.35       | ≤30.00     | PASS    |
|           |         | 2437    | 20.24       | ≤30.00     | PASS    |
|           |         | 2452    | 20.72       | ≤30.00     | PASS    |

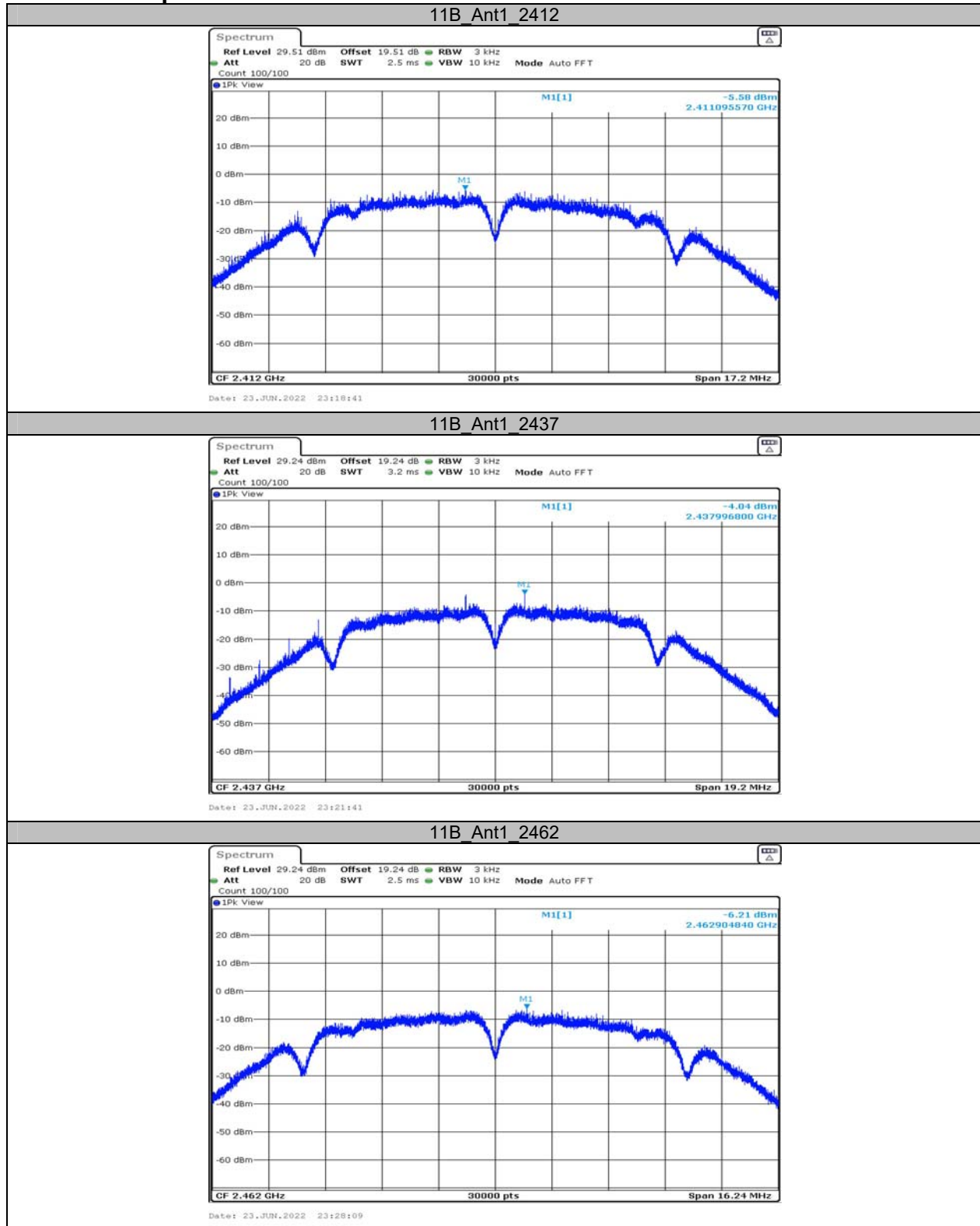
AV:

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 16.74       | ≤30.00     | PASS    |
|           |         | 2437    | 16.89       | ≤30.00     | PASS    |
|           |         | 2462    | 17.06       | ≤30.00     | PASS    |
| 11G       | Ant1    | 2412    | 12.73       | ≤30.00     | PASS    |
|           |         | 2437    | 14.78       | ≤30.00     | PASS    |
|           |         | 2462    | 14.93       | ≤30.00     | PASS    |
| 11N20SISO | Ant1    | 2412    | 12.72       | ≤30.00     | PASS    |
|           |         | 2437    | 14.83       | ≤30.00     | PASS    |
|           |         | 2462    | 14.88       | ≤30.00     | PASS    |
| 11N40SISO | Ant1    | 2422    | 14.15       | ≤30.00     | PASS    |
|           |         | 2437    | 14.29       | ≤30.00     | PASS    |
|           |         | 2452    | 14.60       | ≤30.00     | PASS    |

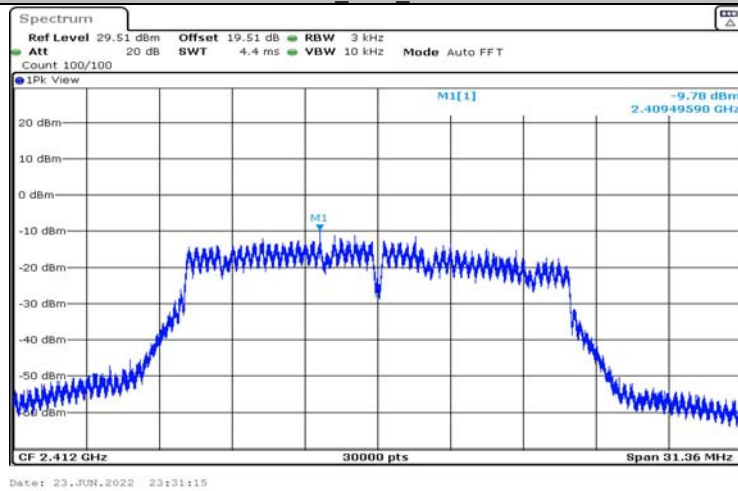
**Appendix D: Maximum power spectral density  
Test Result**

| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -5.58            | ≤8.00           | PASS    |
|           |         | 2437    | -4.04            | ≤8.00           | PASS    |
|           |         | 2462    | -6.21            | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412    | -9.78            | ≤8.00           | PASS    |
|           |         | 2437    | -10.02           | ≤8.00           | PASS    |
|           |         | 2462    | -8.71            | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412    | -11.78           | ≤8.00           | PASS    |
|           |         | 2437    | -10.56           | ≤8.00           | PASS    |
|           |         | 2462    | -8.59            | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422    | -13.97           | ≤8.00           | PASS    |
|           |         | 2437    | -14.27           | ≤8.00           | PASS    |
|           |         | 2452    | -12.69           | ≤8.00           | PASS    |

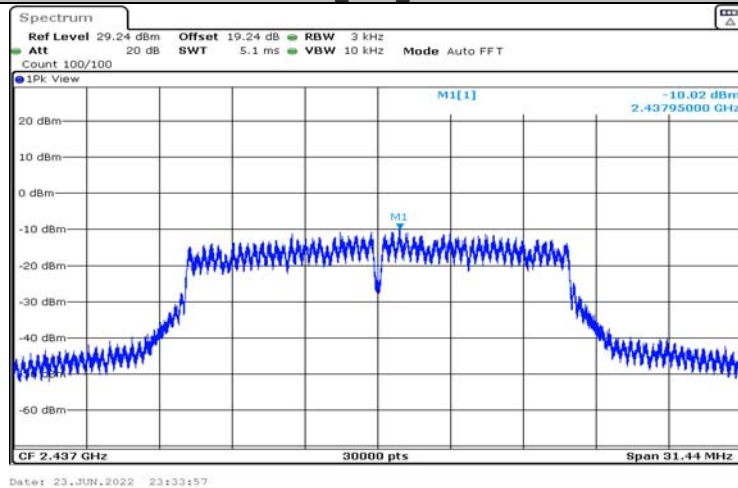
## Test Graphs



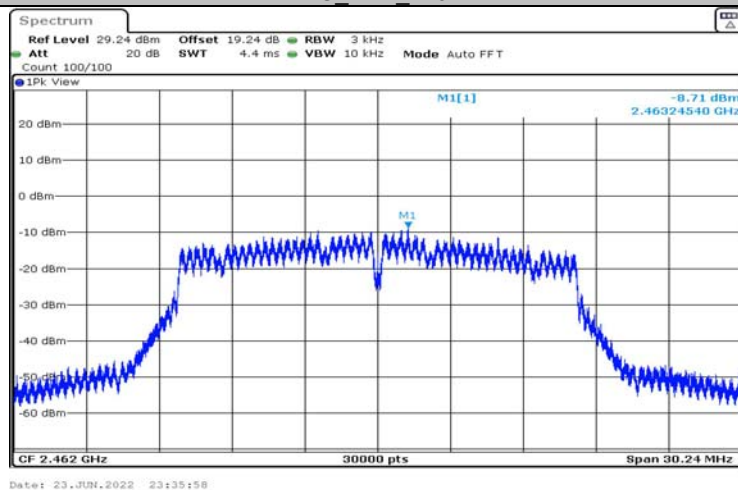
## 11G\_Ant1\_2412



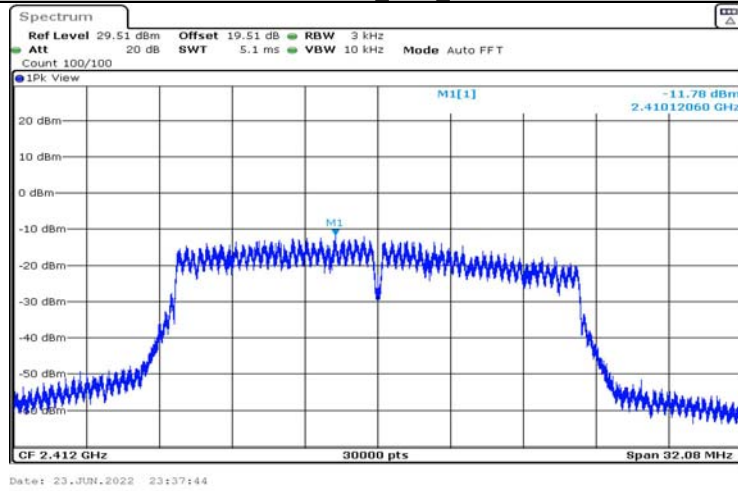
## 11G\_Ant1\_2437



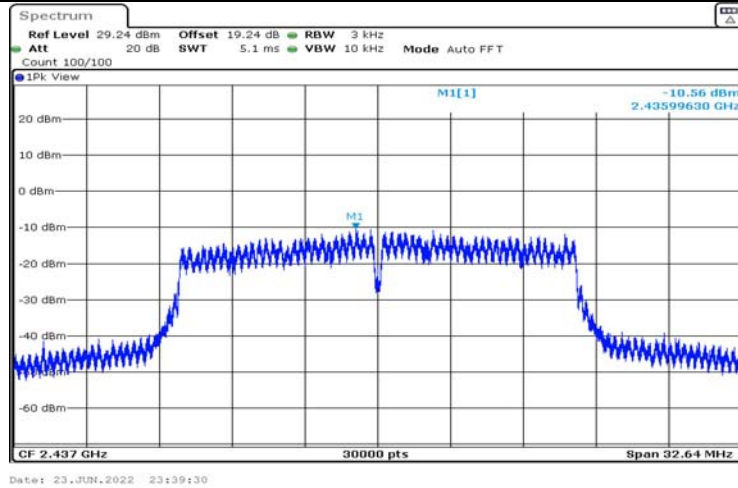
## 11G\_Ant1\_2462



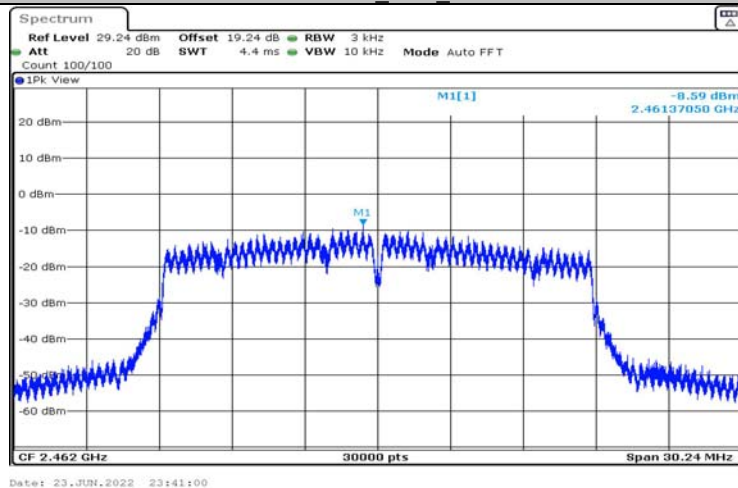
## 11N20SISO\_Ant1\_2412

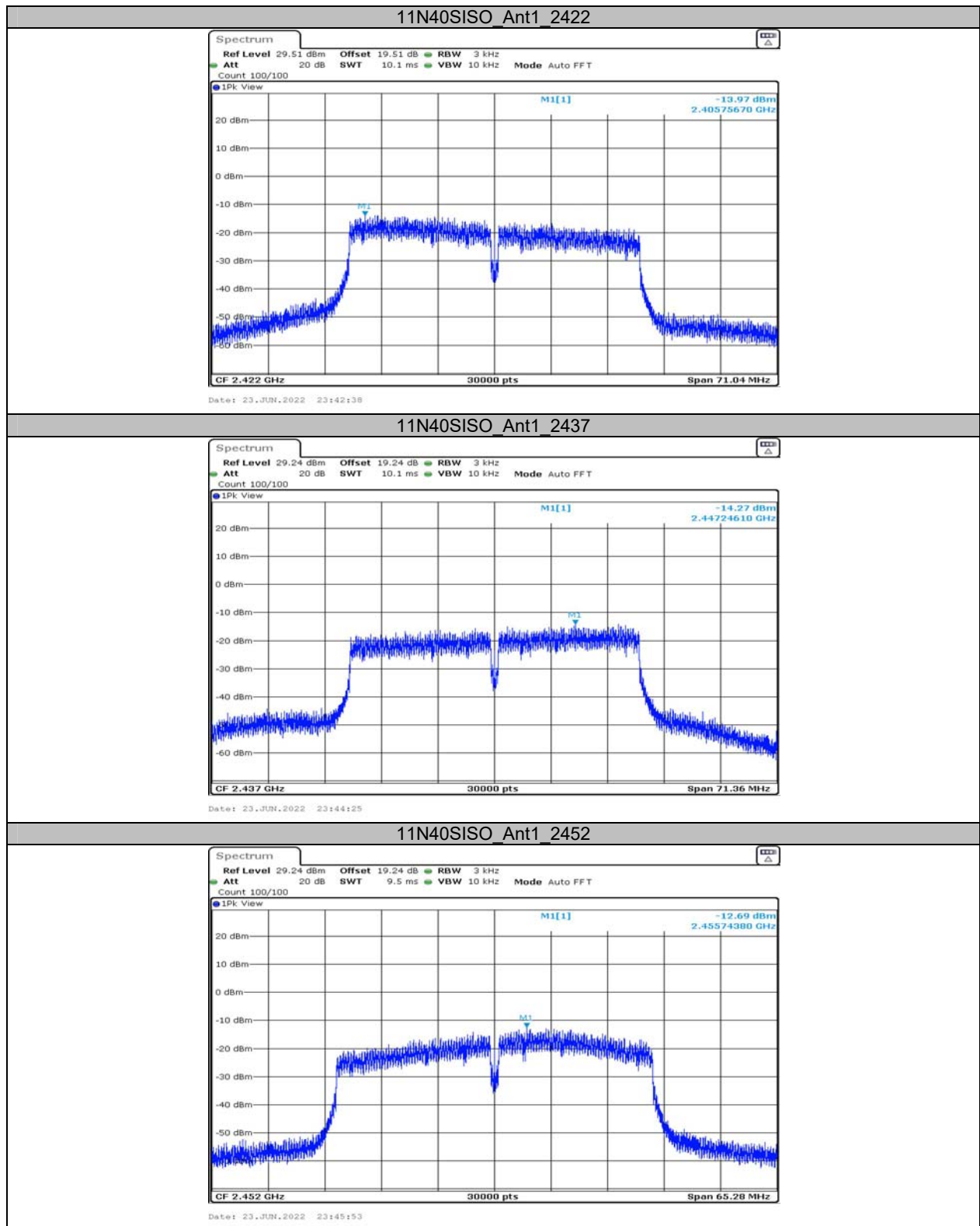


## 11N20SISO\_Ant1\_2437



## 11N20SISO\_Ant1\_2462



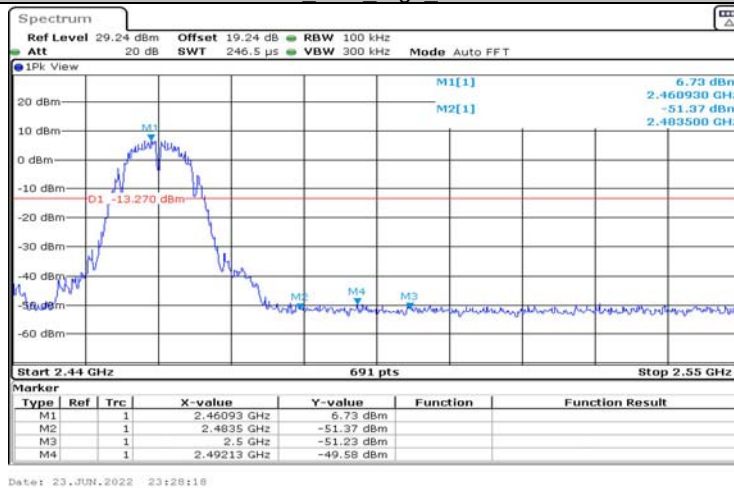


## Appendix E: Band edge measurements Test Graphs

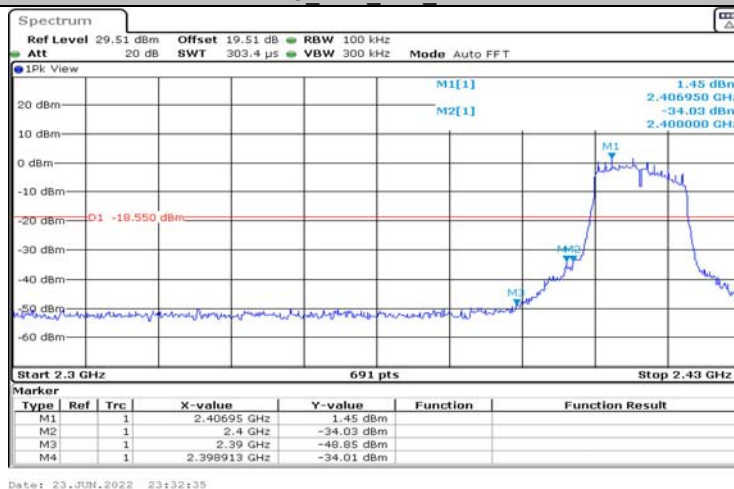
11B Ant1 Low 2412



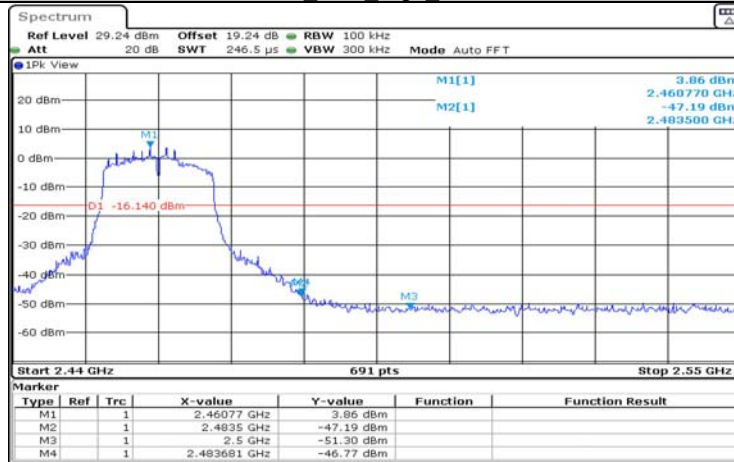
11B Ant1 High 2462



11G Ant1 Low 2412



## 11G Ant1 High 2462



Date: 23 JUN 2022 23:36:07

## 11N20SISO Ant1 Low 2412



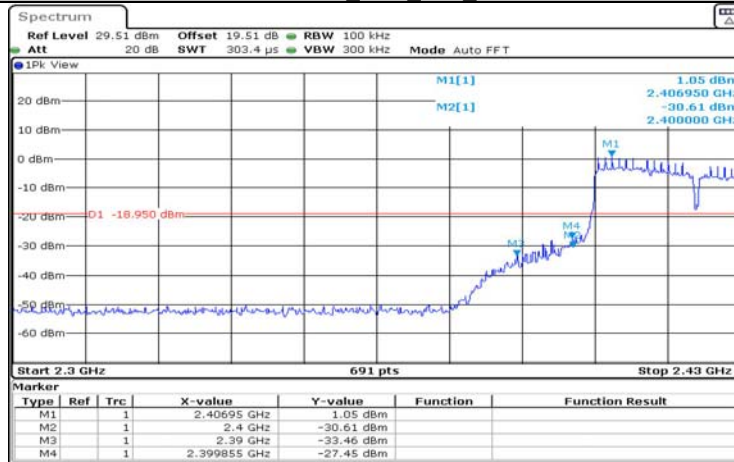
Date: 23 JUN 2022 23:37:53

## 11N20SISO Ant1 High 2462



Date: 23 JUN 2022 23:41:09

## 11N40SISO\_Ant1\_Low\_2422



## 11N40SISO\_Ant1\_High\_2452

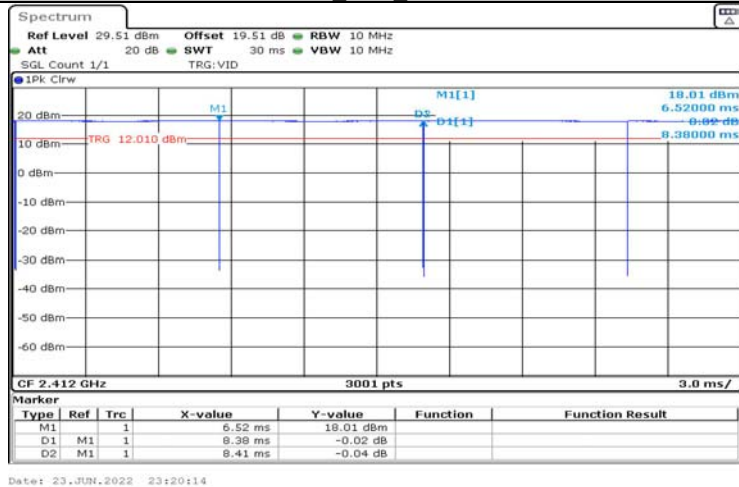


**Appendix F: Duty Cycle  
Test Result**

| Test Mode | Antenna | Channel | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle [%] |
|-----------|---------|---------|-------------------------------|-----------------------------|----------------|
| 11B       | Ant1    | 2412    | 8.38                          | 8.41                        | 99.64          |
|           |         | 2437    | 8.38                          | 8.41                        | 99.64          |
|           |         | 2462    | 8.38                          | 8.41                        | 99.64          |
| 11G       | Ant1    | 2412    | 1.39                          | 1.43                        | 97.20          |
|           |         | 2437    | 1.39                          | 1.43                        | 97.20          |
|           |         | 2462    | 1.39                          | 1.43                        | 97.20          |
| 11N20SISO | Ant1    | 2412    | 1.30                          | 1.34                        | 97.01          |
|           |         | 2437    | 1.30                          | 1.34                        | 97.01          |
|           |         | 2462    | 1.30                          | 1.34                        | 97.01          |
| 11N40SISO | Ant1    | 2422    | 0.64                          | 0.68                        | 94.12          |
|           |         | 2437    | 0.64                          | 0.68                        | 94.12          |
|           |         | 2452    | 0.64                          | 0.68                        | 94.12          |

## Test Graphs

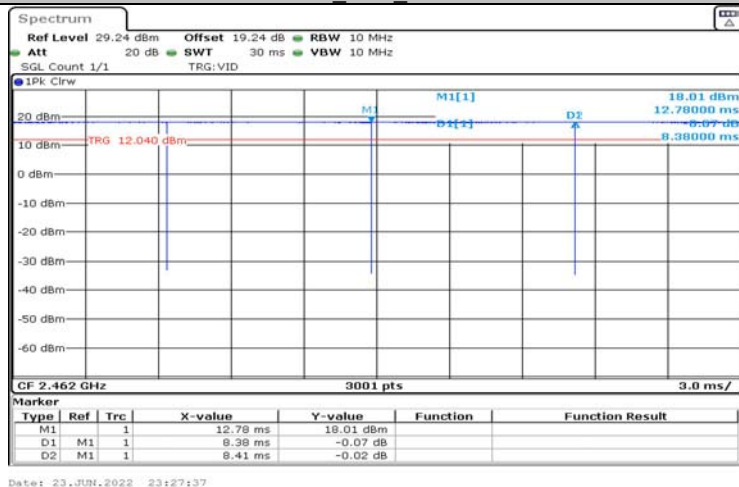
11B\_Ant1\_2412



11B\_Ant1\_2437

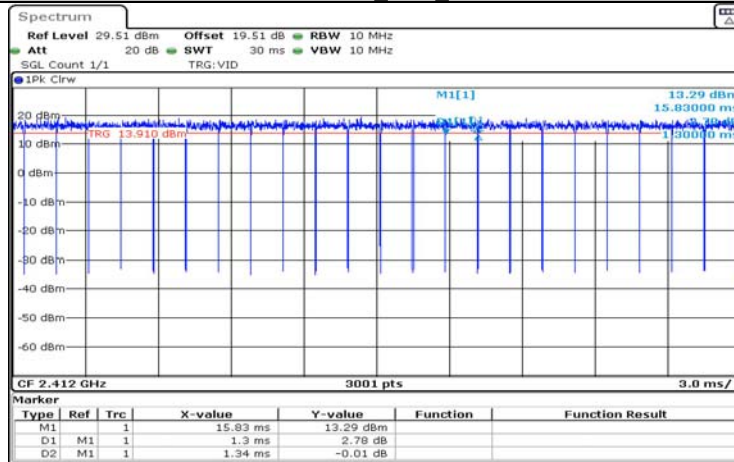


11B\_Ant1\_2462



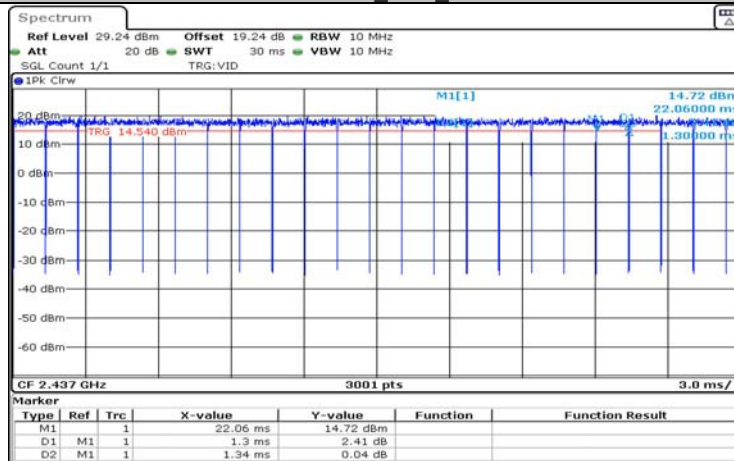


## 11N20SISO\_Ant1\_2412



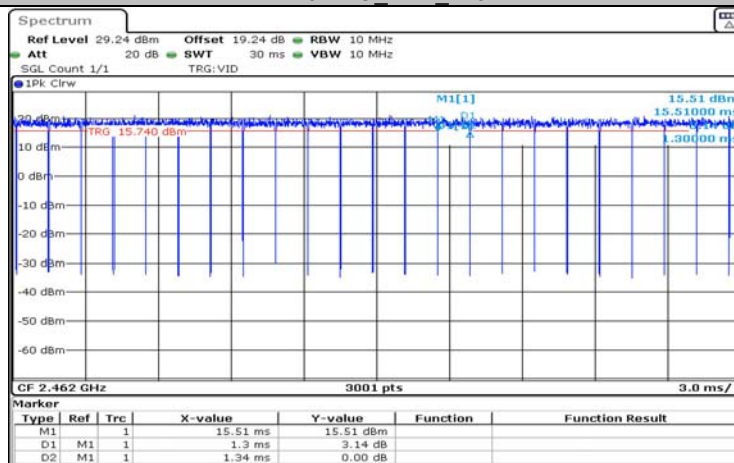
Date: 23 JUN, 2022 23:37:12

## 11N20SISO\_Ant1\_2437



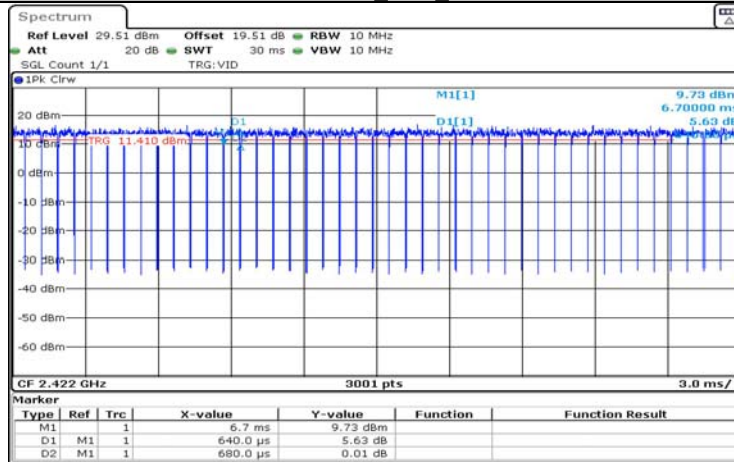
Date: 23 JUN, 2022 23:38:57

## 11N20SISO\_Ant1\_2462



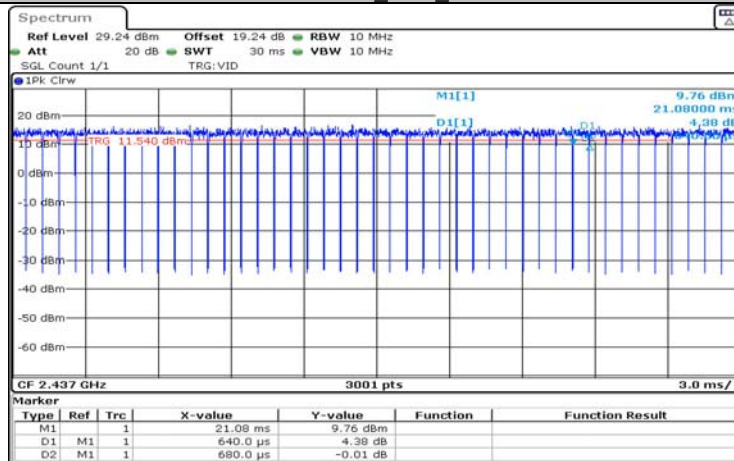
Date: 23 JUN, 2022 23:40:28

## 11N40SISO\_Ant1\_2422



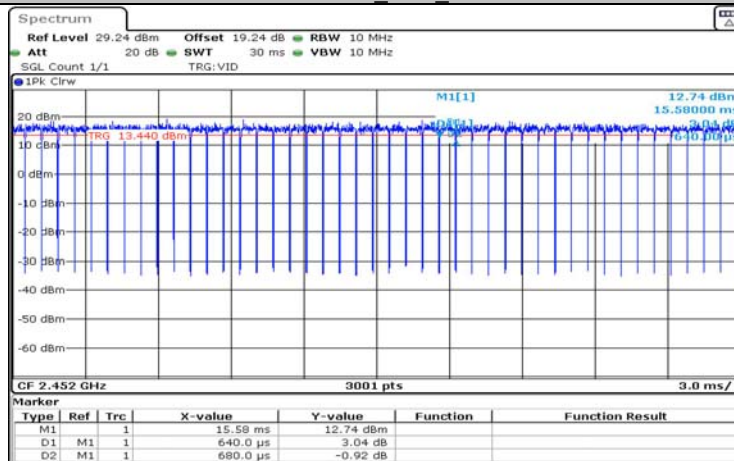
Date: 23 JUN, 2022 23:42:06

## 11N40SISO\_Ant1\_2437



Date: 23 JUN, 2022 23:43:52

## 11N40SISO\_Ant1\_2452



Date: 23 JUN, 2022 23:45:21

## APPENDIX BLE

### Appendix A: DTS Bandwidth Test Result

| Test Mode | Antenna | Channel | DTS BW [MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|------------|---------|
| BLE_1M    | Ant1    | 2402    | 0.68         | 0.5        | PASS    |
|           |         | 2440    | 0.69         | 0.5        | PASS    |
|           |         | 2480    | 0.68         | 0.5        | PASS    |

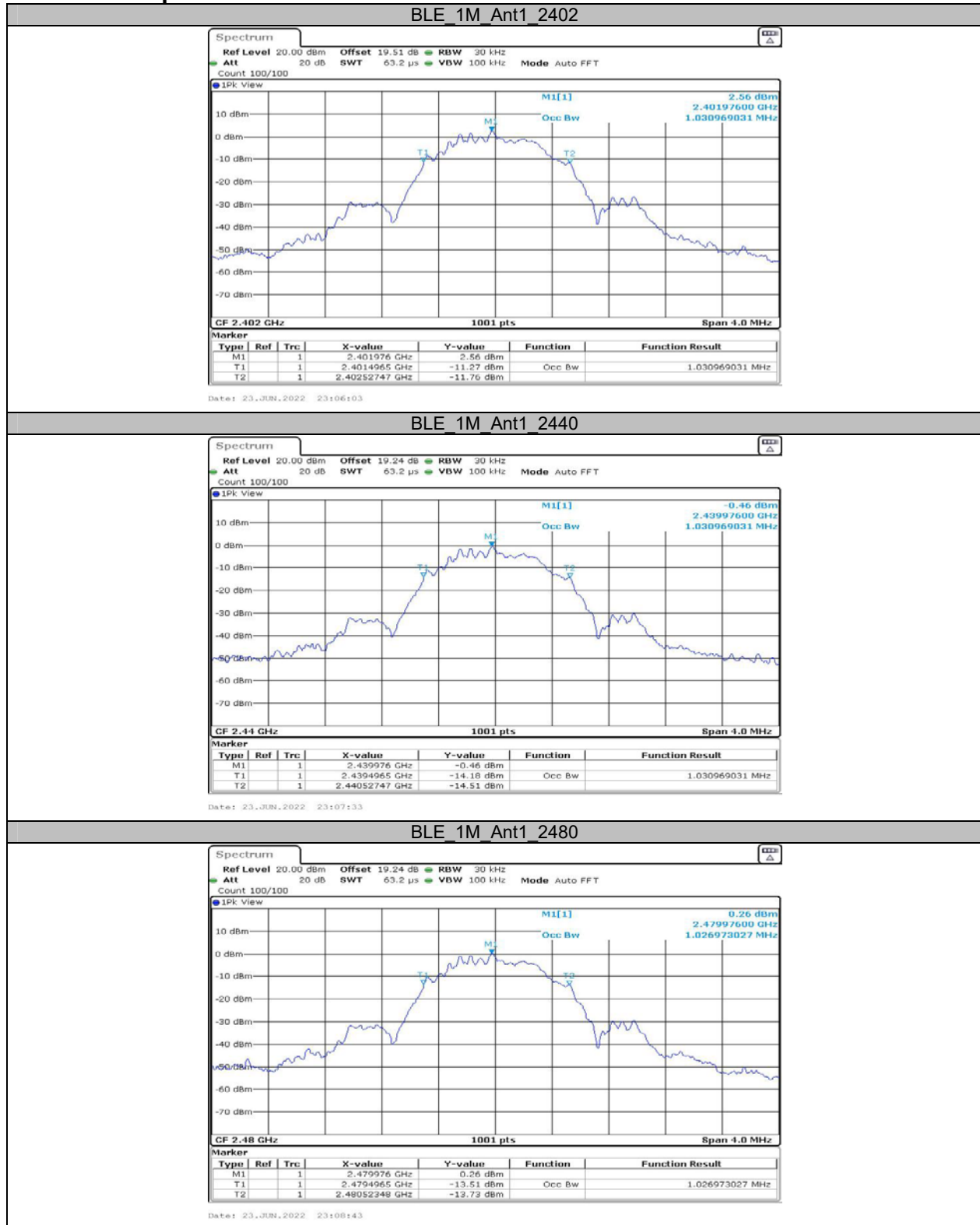
## Test Graphs



**Appendix B: Occupied Channel Bandwidth  
Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| BLE_1M    | Ant1    | 2402    | 1.031     | 2401.497 | 2402.527 | ---        | ---     |
|           |         | 2440    | 1.031     | 2439.497 | 2440.527 | ---        | ---     |
|           |         | 2480    | 1.027     | 2479.497 | 2480.523 | ---        | ---     |

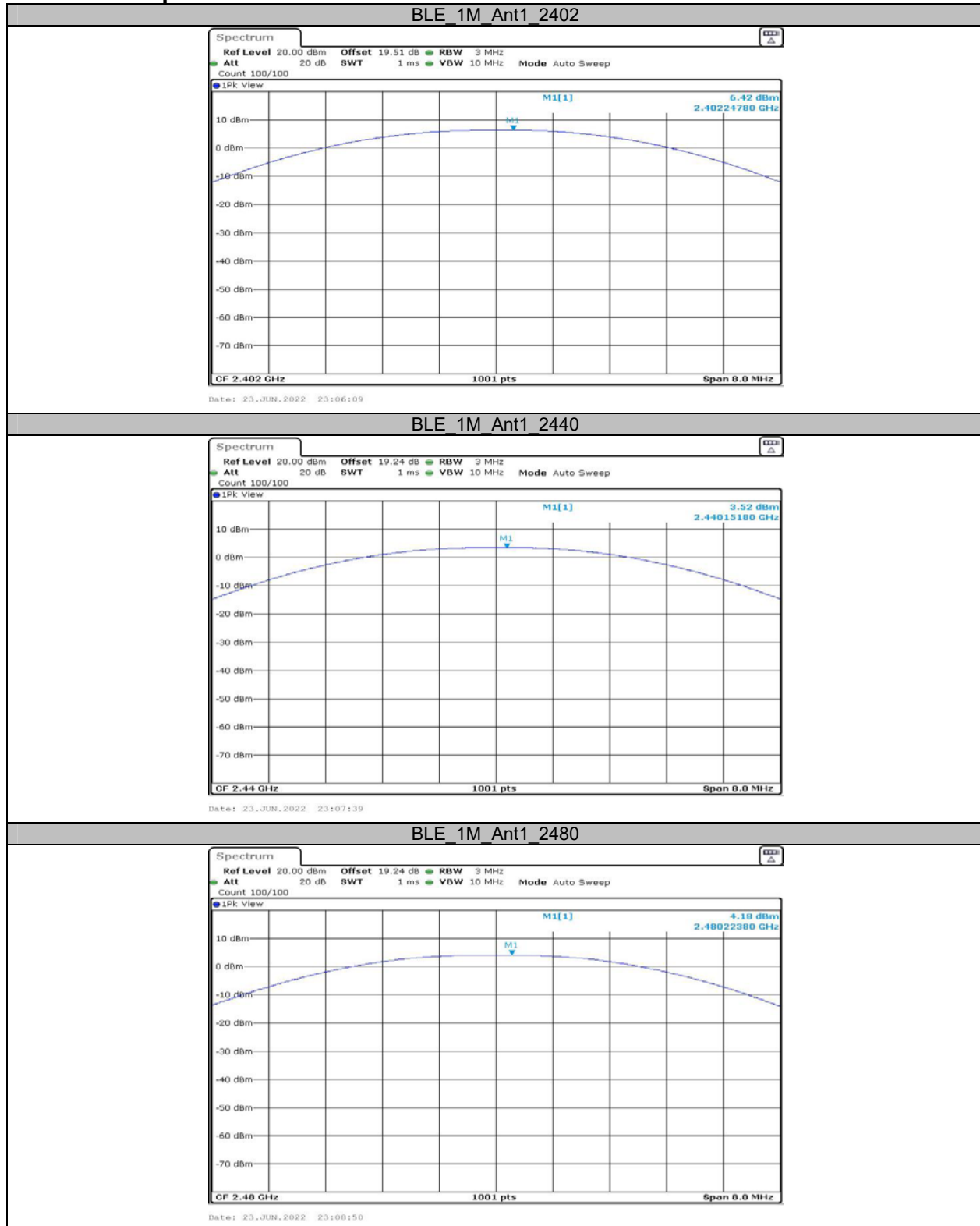
## Test Graphs



**Appendix C: Maximum conducted peak output power  
Test Result**

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| BLE_1M    | Ant1    | 2402    | 6.42        | ≤30        | PASS    |
|           |         | 2440    | 3.52        | ≤30        | PASS    |
|           |         | 2480    | 4.18        | ≤30        | PASS    |

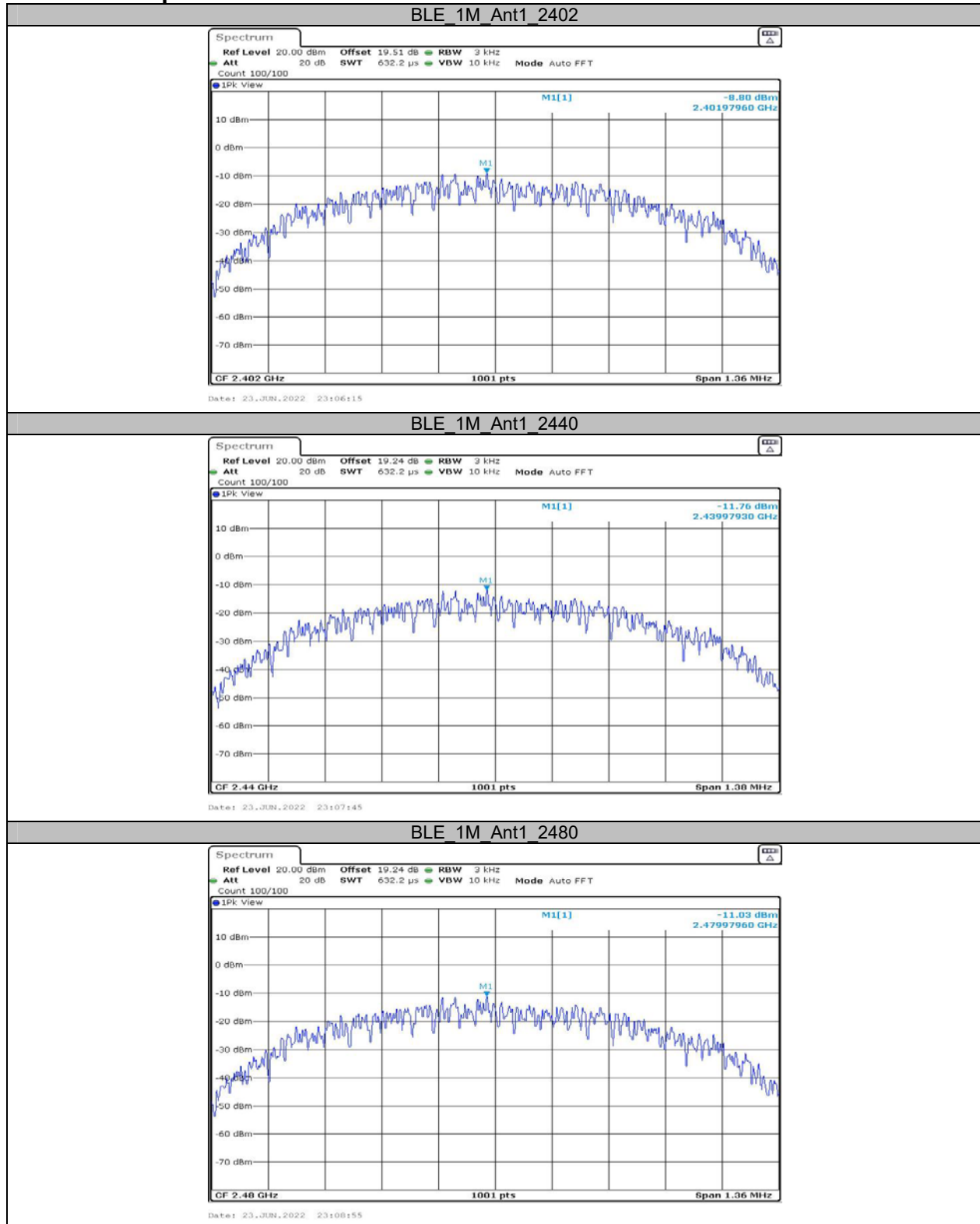
## Test Graphs



**Appendix D: Maximum power spectral density  
Test Result**

| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| BLE_1M    | Ant1    | 2402    | -8.8             | ≤8.00           | PASS    |
|           |         | 2440    | -11.76           | ≤8.00           | PASS    |
|           |         | 2480    | -11.03           | ≤8.00           | PASS    |

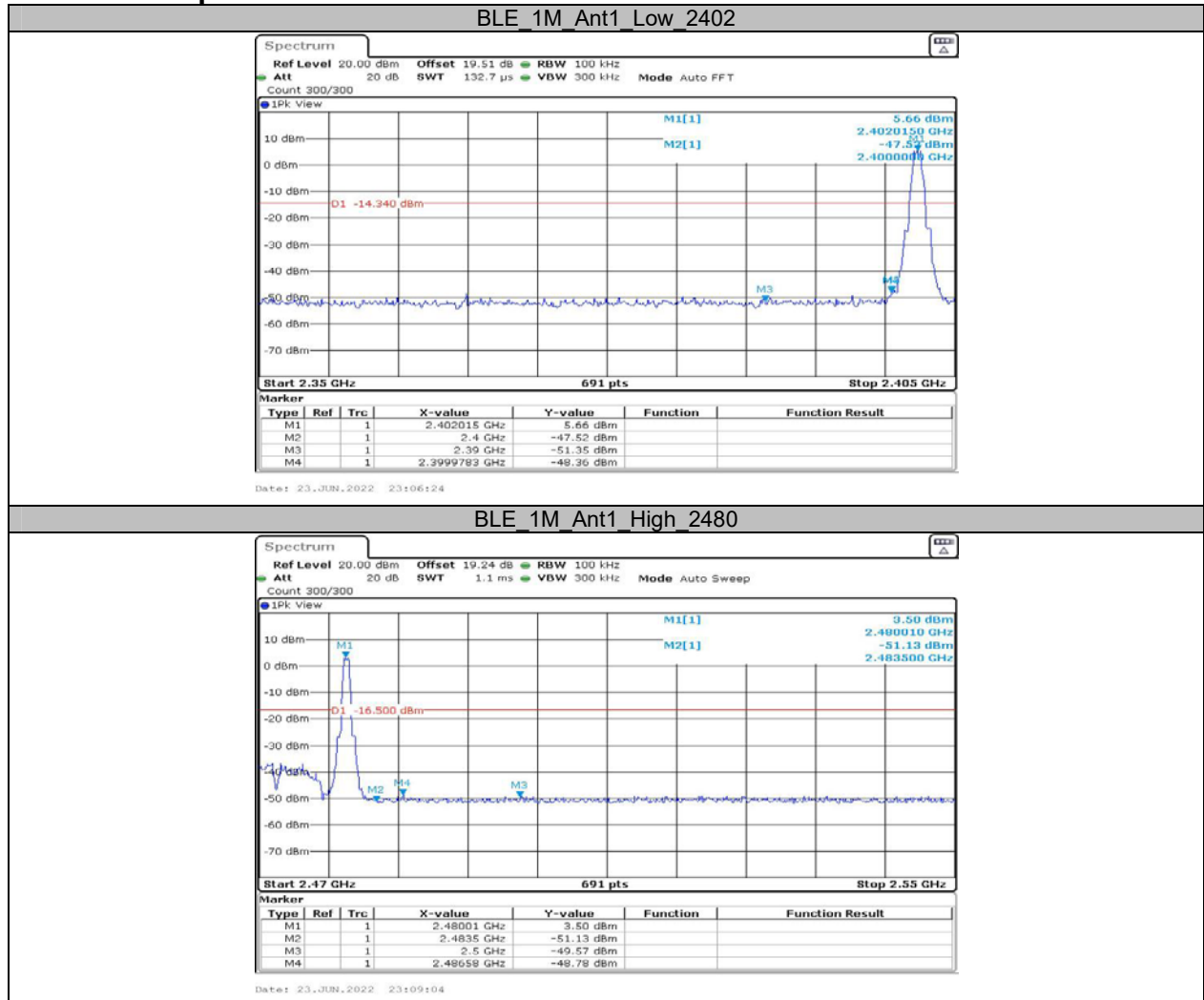
## Test Graphs



**Appendix E:Band edge measurements  
Test Result**

| Test Mode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M    | Ant1    | Low    | 2402    | 5.66          | -48.36      | ≤-14.34    | PASS    |
|           |         | High   | 2480    | 3.50          | -48.78      | ≤-16.5     | PASS    |

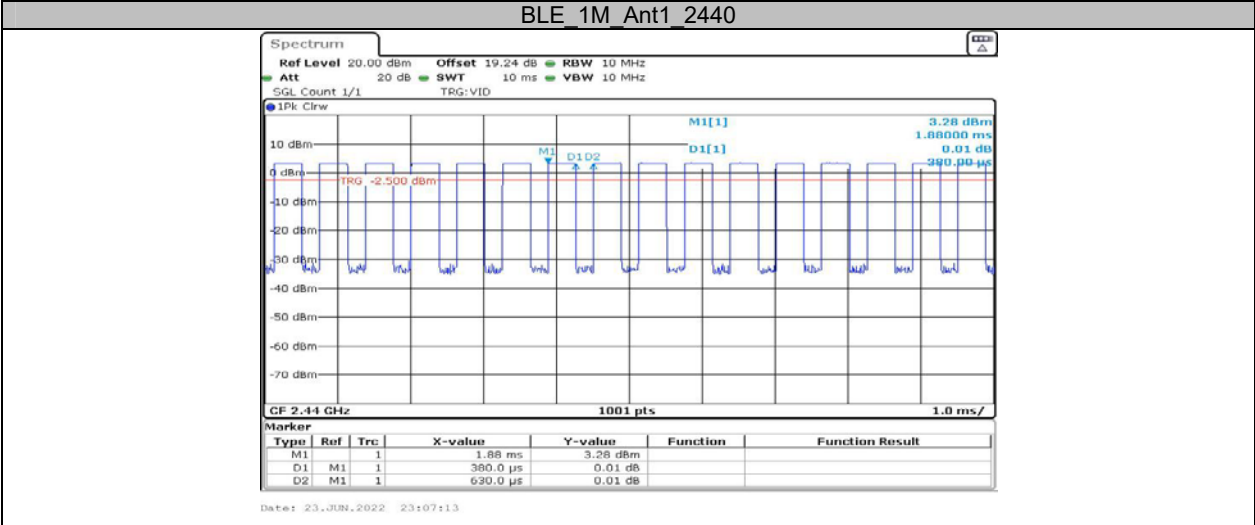
## Test Graphs



**Appendix F: Duty Cycle  
Test Result**

| Test Mode | Antenna | Channel | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle [%] |
|-----------|---------|---------|-------------------------------|-----------------------------|----------------|
| BLE_1M    | Ant1    | 2440    | 0.38                          | 0.63                        | 60.32          |

Test Graphs



\*\*\*\*\* END OF REPORT \*\*\*\*\*