

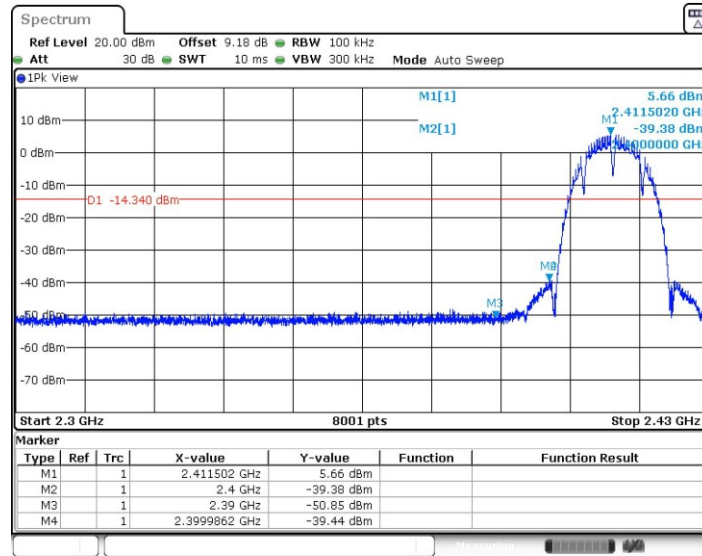
## Appendix E: Band edge measurements

### Test Result

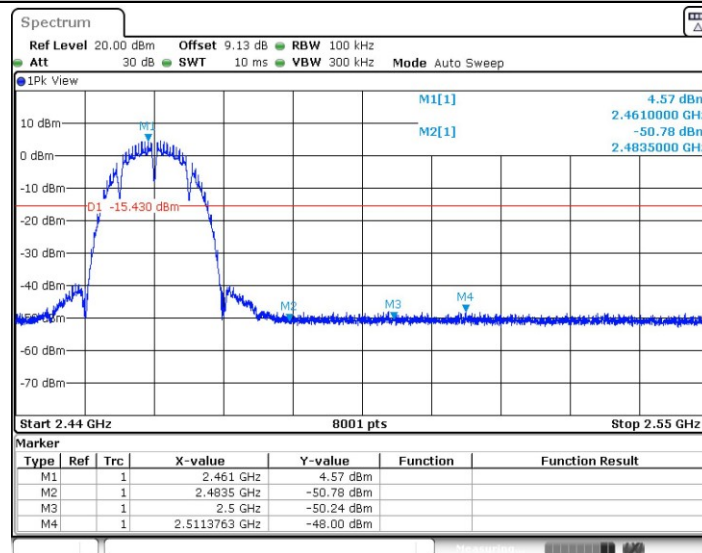
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|---------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412    | 5.66          | -39.44      | $\leq -14.34$ | PASS    |
|           |         | High   | 2462    | 4.57          | -48         | $\leq -15.43$ | PASS    |
| 11G       | Ant1    | Low    | 2412    | -1.88         | -40.55      | $\leq -21.88$ | PASS    |
|           |         | High   | 2462    | -2.13         | -47.28      | $\leq -22.13$ | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | -1.59         | -41.2       | $\leq -21.59$ | PASS    |
|           |         | High   | 2462    | -2.35         | -47.3       | $\leq -22.35$ | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -4.73         | -41.5       | $\leq -24.73$ | PASS    |
|           |         | High   | 2452    | -5.06         | -46.94      | $\leq -25.06$ | PASS    |

## Test Graphs

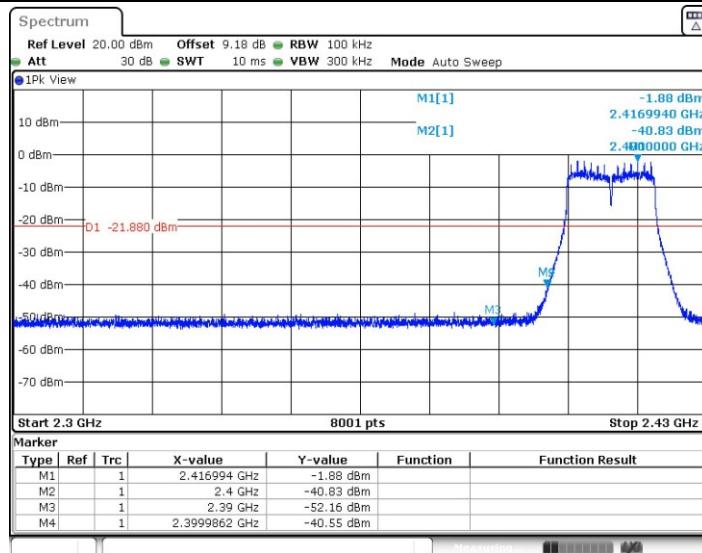
11B\_Ant1\_Low\_2412



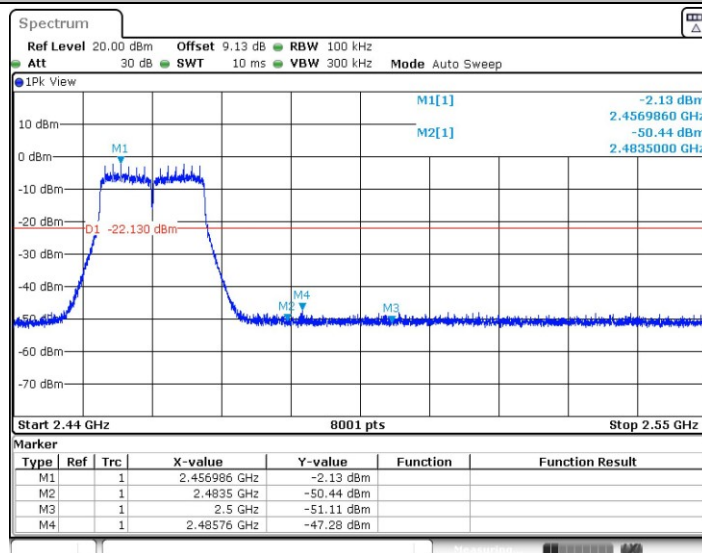
11B\_Ant1\_High\_2462



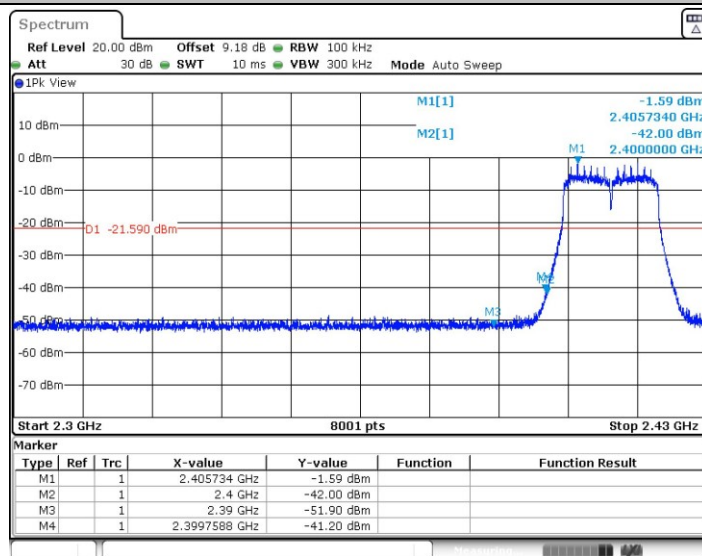
11G\_Ant1\_Low\_2412



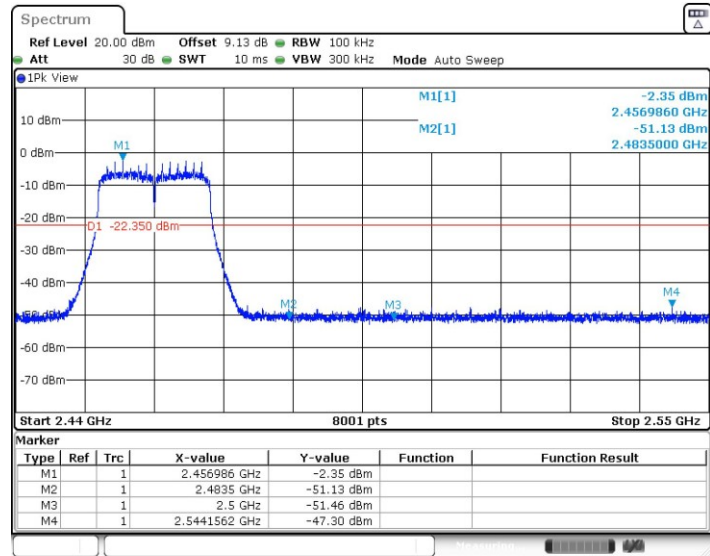
11G\_Ant1\_High\_2462



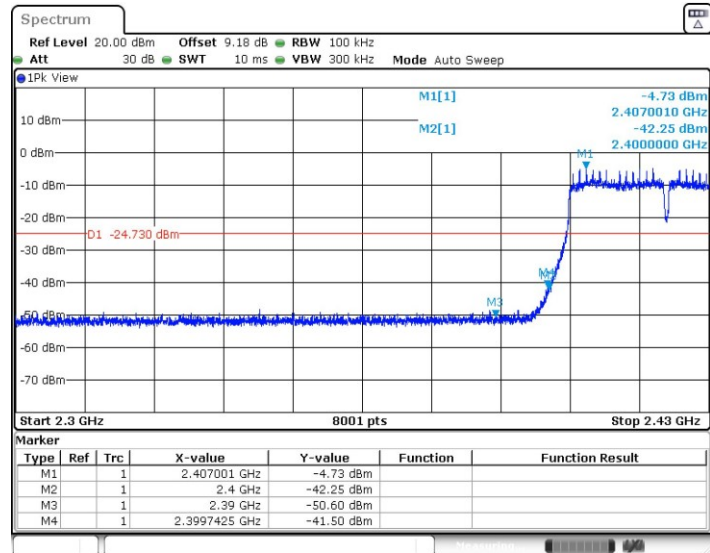
11N20SISO\_Ant1\_Low\_2412



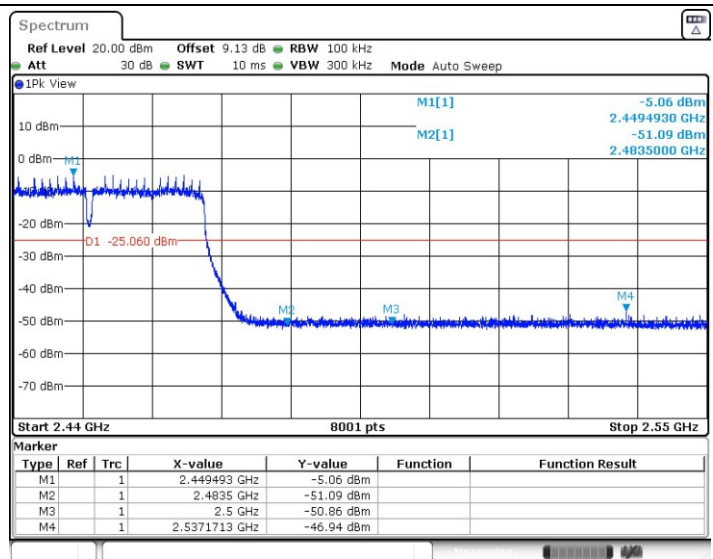
# 11N20SISO\_Ant1\_High\_2462



# 11N40SISO\_Ant1\_Low\_2422



# 11N40SISO\_Ant1\_High\_2452



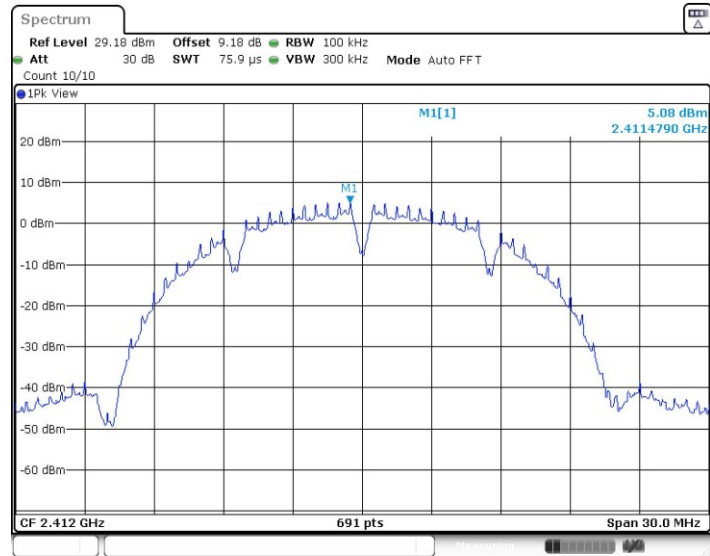
## Appendix F: Conducted Spurious Emission

### Test Result

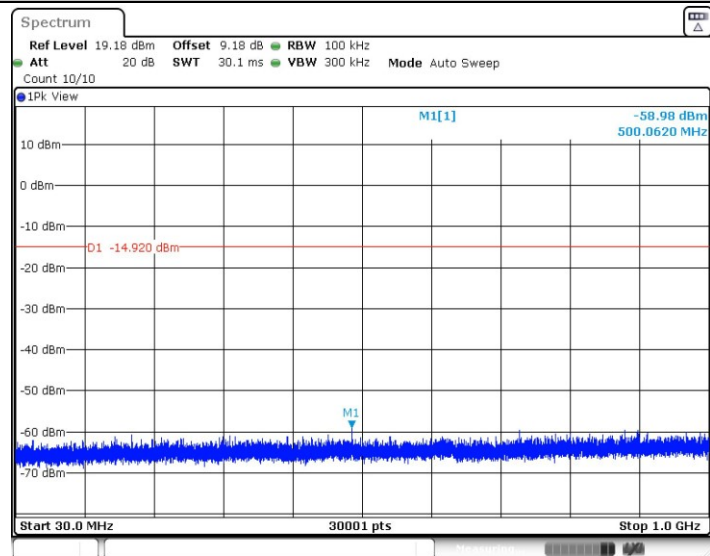
| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 5.08              | 5.08            | ---            | PASS    |
|           |         |         | 30~1000            | 5.08              | -58.98          | ≤-14.92        | PASS    |
|           |         |         | 1000~26500         | 5.08              | -48.93          | ≤-14.92        | PASS    |
|           |         | 2437    | Reference          | 4.99              | 4.99            | ---            | PASS    |
|           |         |         | 30~1000            | 4.99              | -50.46          | ≤-15.01        | PASS    |
|           |         |         | 1000~26500         | 4.99              | -48.65          | ≤-15.01        | PASS    |
|           |         | 2462    | Reference          | 4.54              | 4.54            | ---            | PASS    |
|           |         |         | 30~1000            | 4.54              | -60.07          | ≤-15.46        | PASS    |
|           |         |         | 1000~26500         | 4.54              | -48.64          | ≤-15.46        | PASS    |
| 11G       | Ant1    | 2412    | Reference          | -1.90             | -1.90           | ---            | PASS    |
|           |         |         | 30~1000            | -1.90             | -48.79          | ≤-21.9         | PASS    |
|           |         |         | 1000~26500         | -1.90             | -48.09          | ≤-21.9         | PASS    |
|           |         | 2437    | Reference          | -2.78             | -2.78           | ---            | PASS    |
|           |         |         | 30~1000            | -2.78             | -53.37          | ≤-22.78        | PASS    |
|           |         |         | 1000~26500         | -2.78             | -48.88          | ≤-22.78        | PASS    |
|           |         | 2462    | Reference          | -2.29             | -2.29           | ---            | PASS    |
|           |         |         | 30~1000            | -2.29             | -49.1           | ≤-22.29        | PASS    |
|           |         |         | 1000~26500         | -2.29             | -48.88          | ≤-22.29        | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | -1.86             | -1.86           | ---            | PASS    |
|           |         |         | 30~1000            | -1.86             | -47.94          | ≤-21.86        | PASS    |
|           |         |         | 1000~26500         | -1.86             | -48.74          | ≤-21.86        | PASS    |
|           |         | 2437    | Reference          | -2.19             | -2.19           | ---            | PASS    |
|           |         |         | 30~1000            | -2.19             | -54.02          | ≤-22.19        | PASS    |
|           |         |         | 1000~26500         | -2.19             | -48.8           | ≤-22.19        | PASS    |
|           |         | 2462    | Reference          | -2.33             | -2.33           | ---            | PASS    |
|           |         |         | 30~1000            | -2.33             | -53.64          | ≤-22.33        | PASS    |
|           |         |         | 1000~26500         | -2.33             | -48.71          | ≤-22.33        | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | -4.89             | -4.89           | ---            | PASS    |
|           |         |         | 30~1000            | -4.89             | -48.04          | ≤-24.89        | PASS    |
|           |         |         | 1000~26500         | -4.89             | -48.89          | ≤-24.89        | PASS    |
|           |         | 2437    | Reference          | -5.21             | -5.21           | ---            | PASS    |
|           |         |         | 30~1000            | -5.21             | -47.98          | ≤-25.21        | PASS    |
|           |         |         | 1000~26500         | -5.21             | -48.86          | ≤-25.21        | PASS    |
|           |         | 2452    | Reference          | -5.11             | -5.11           | ---            | PASS    |
|           |         |         | 30~1000            | -5.11             | -48.07          | ≤-25.11        | PASS    |
|           |         |         | 1000~26500         | -5.11             | -48.13          | ≤-25.11        | PASS    |

## Test Graphs

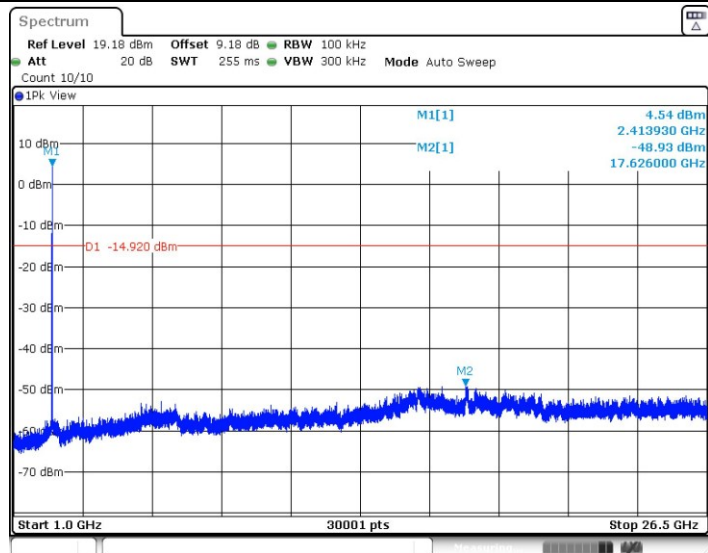
11B\_Ant1\_2412\_0~Reference



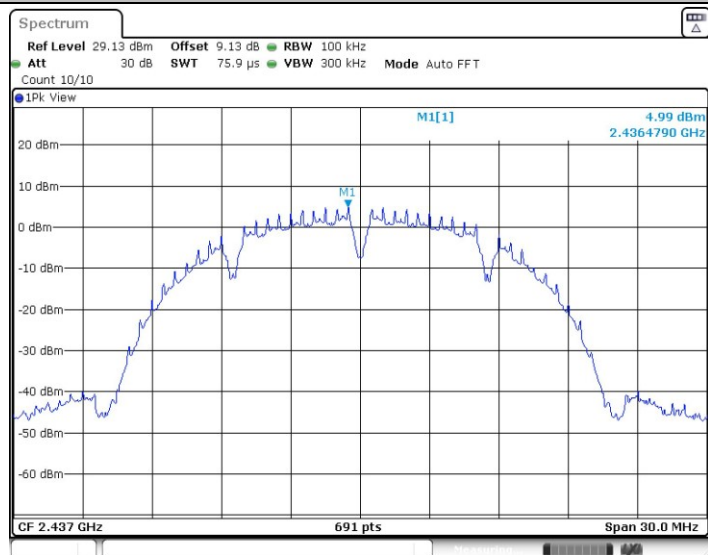
11B\_Ant1\_2412\_30~1000



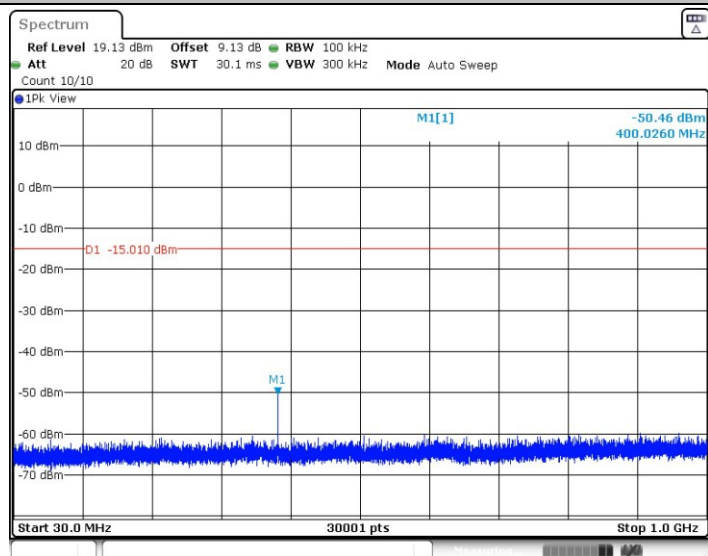
11B\_Ant1\_2412\_1000~26500



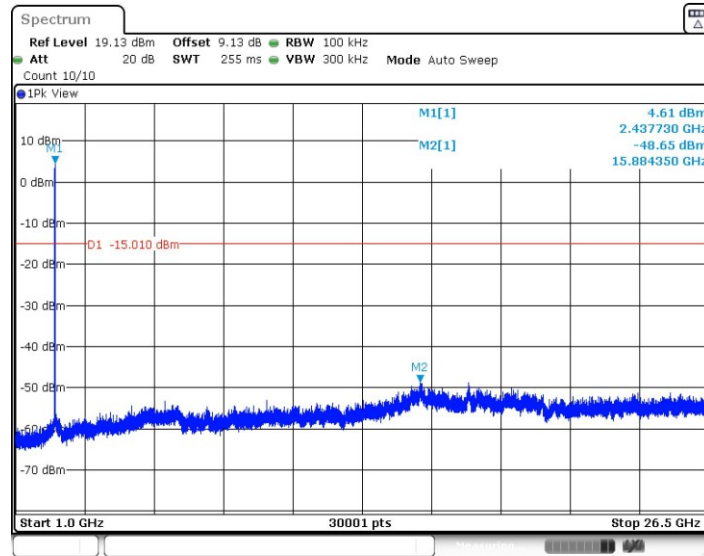
11B\_Ant1\_2437\_0~Reference



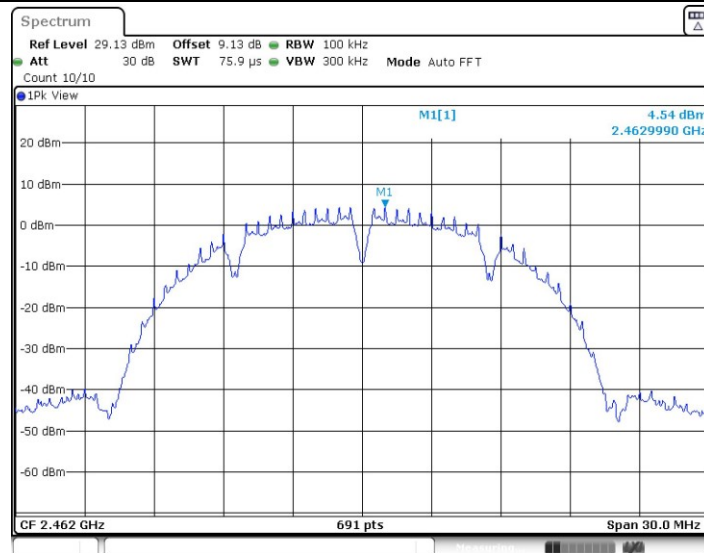
11B\_Ant1\_2437\_30~1000



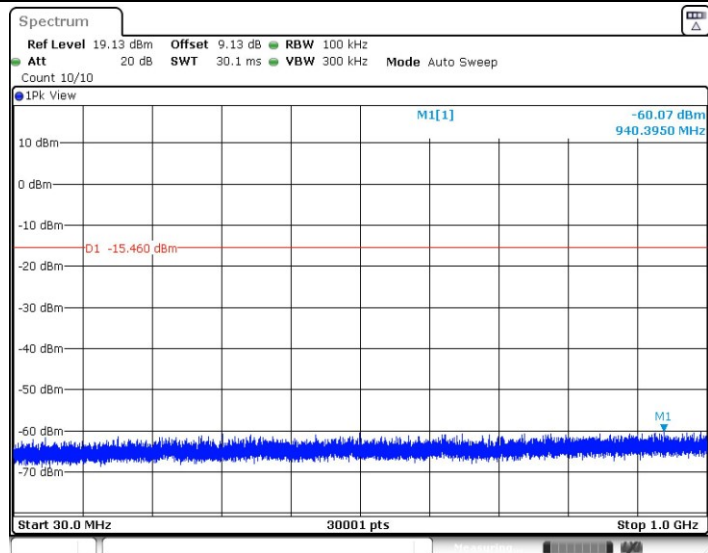
# 11B\_Ant1\_2437\_1000~26500



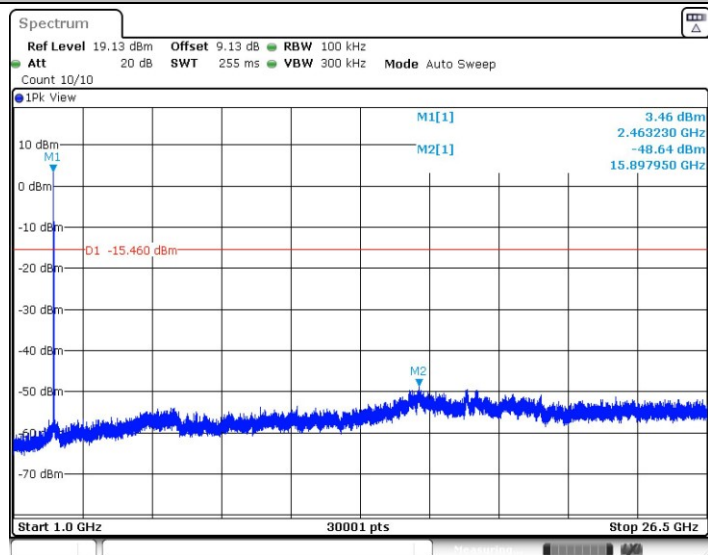
# 11B\_Ant1\_2462\_0~Reference



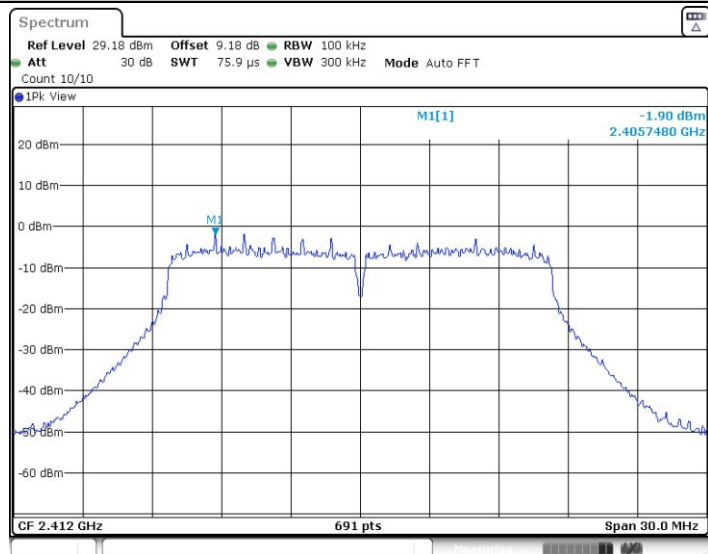
# 11B\_Ant1\_2462\_30~1000



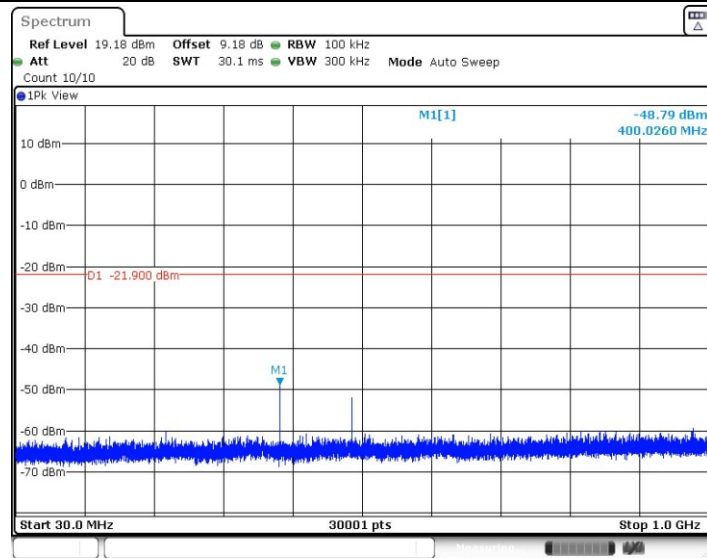
11B\_Ant1\_2462\_1000~26500



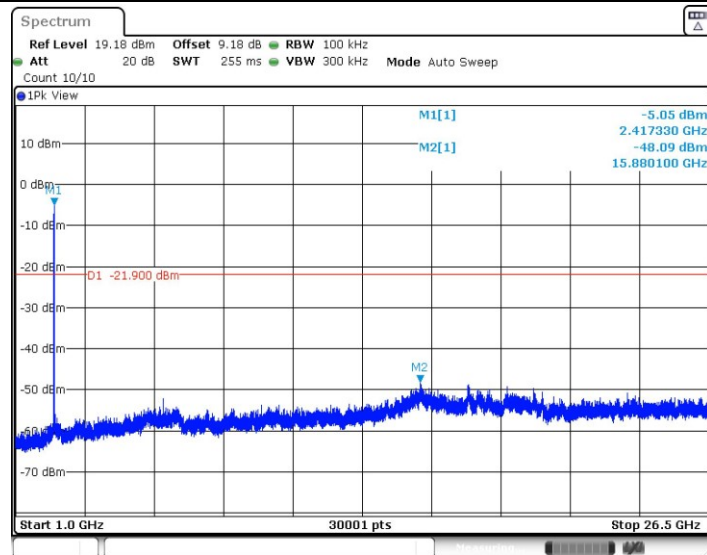
11G\_Ant1\_2412\_0~Reference



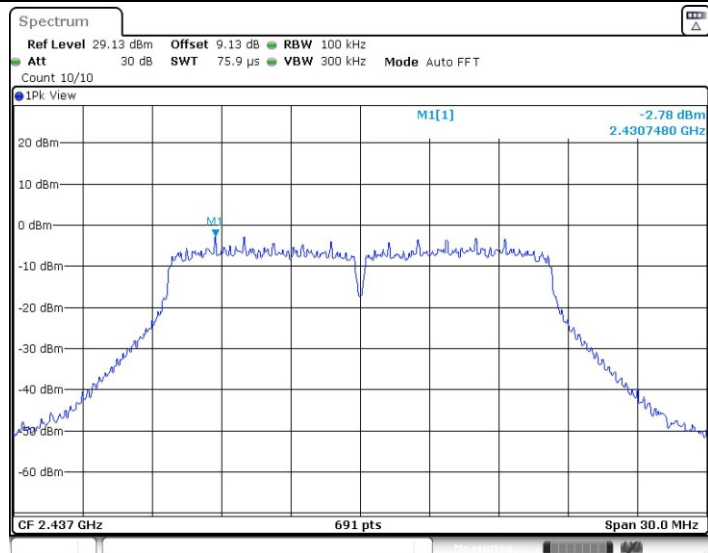
# 11G\_Ant1\_2412\_30~1000



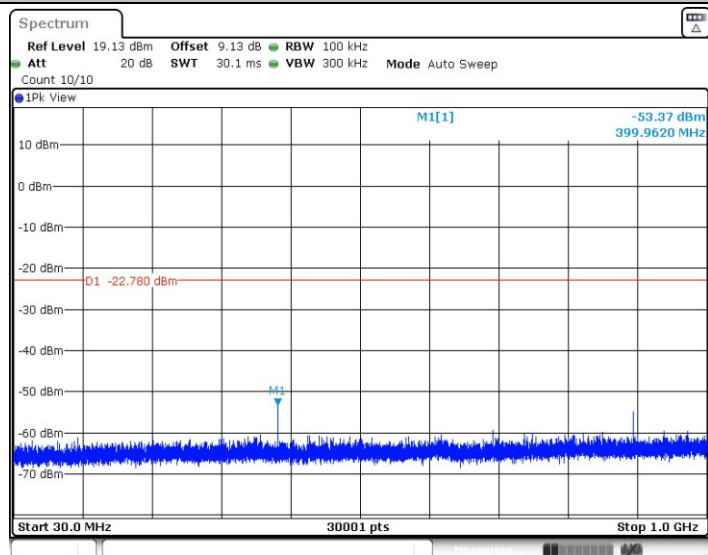
# 11G\_Ant1\_2412\_1000~26500



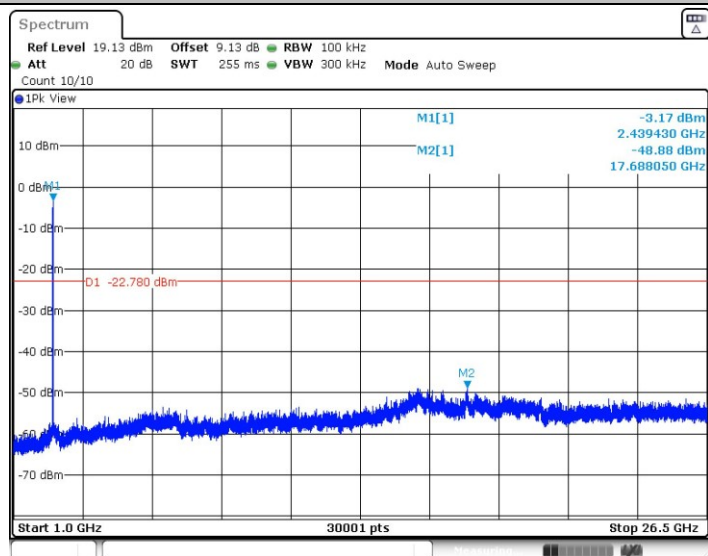
# 11G\_Ant1\_2437\_0~Reference



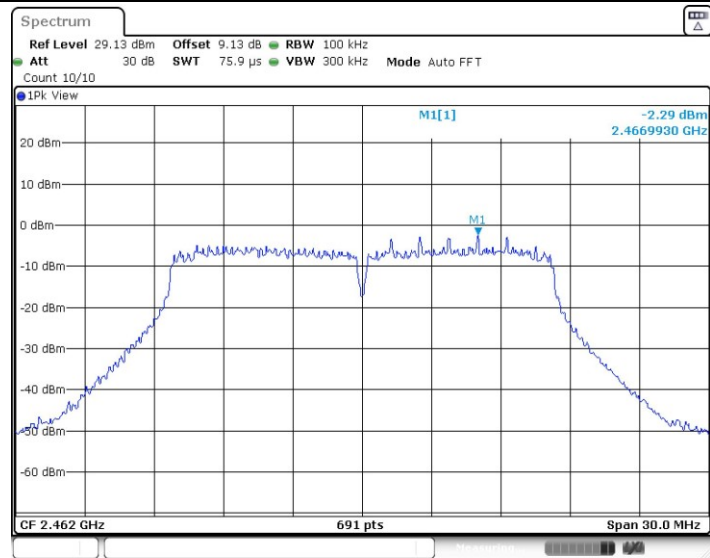
11G\_Ant1\_2437\_30~1000



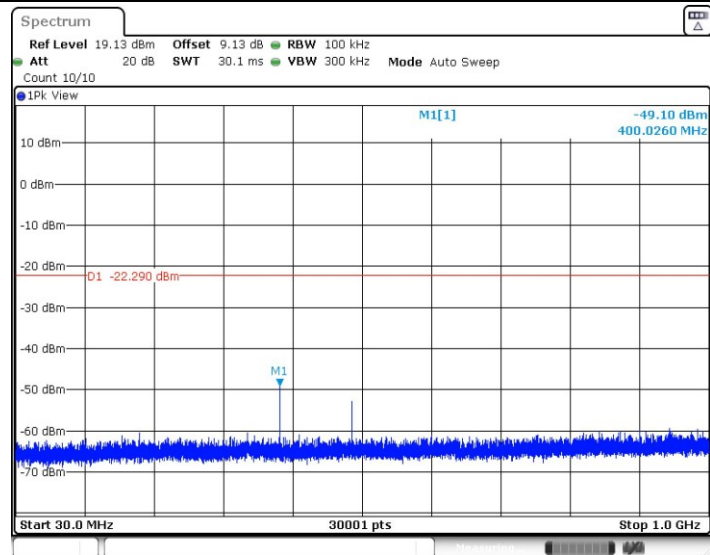
11G\_Ant1\_2437\_1000~26500



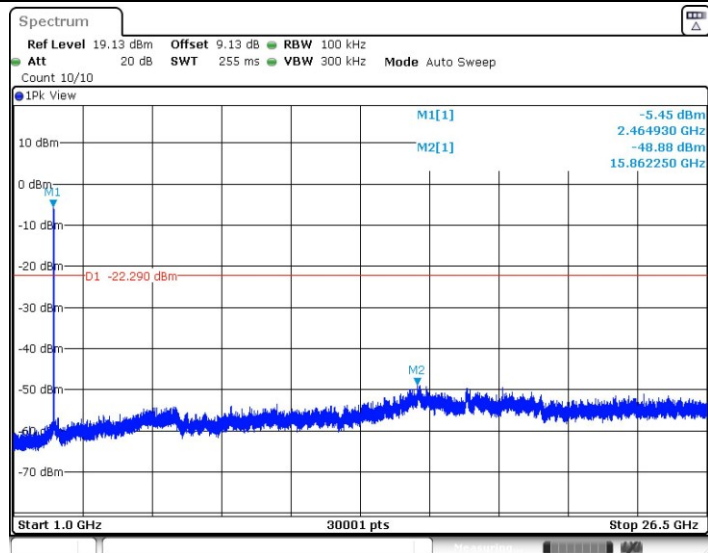
# 11G\_Ant1\_2462\_0~Reference



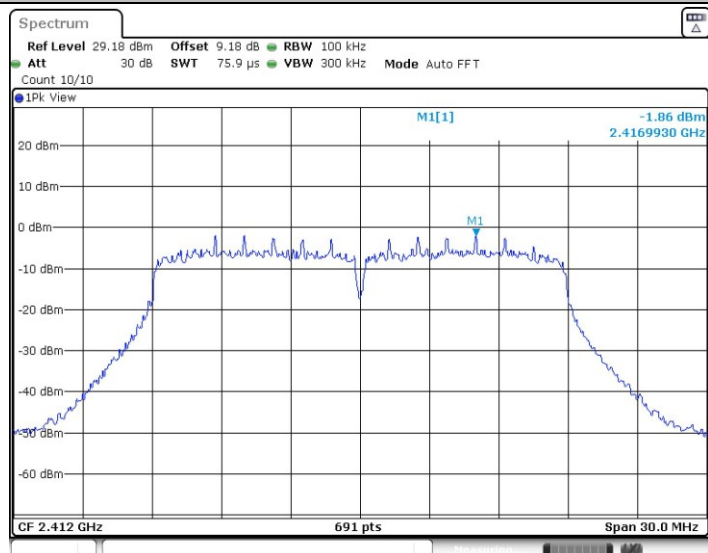
# 11G\_Ant1\_2462\_30~1000



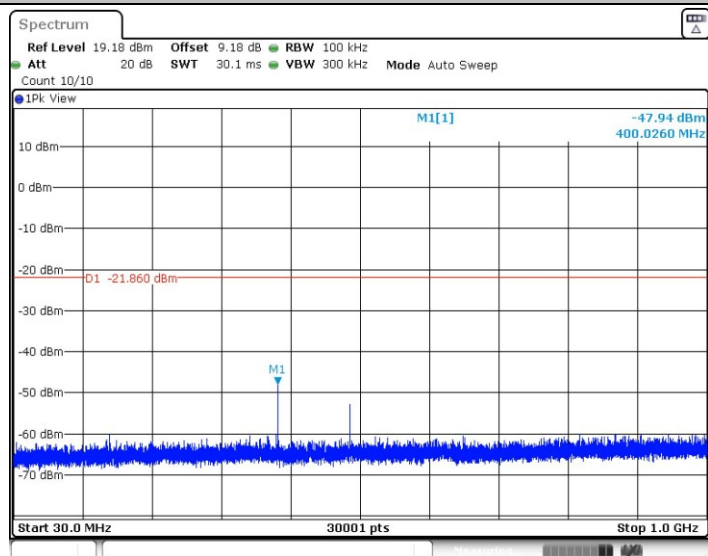
# 11G\_Ant1\_2462\_1000~26500



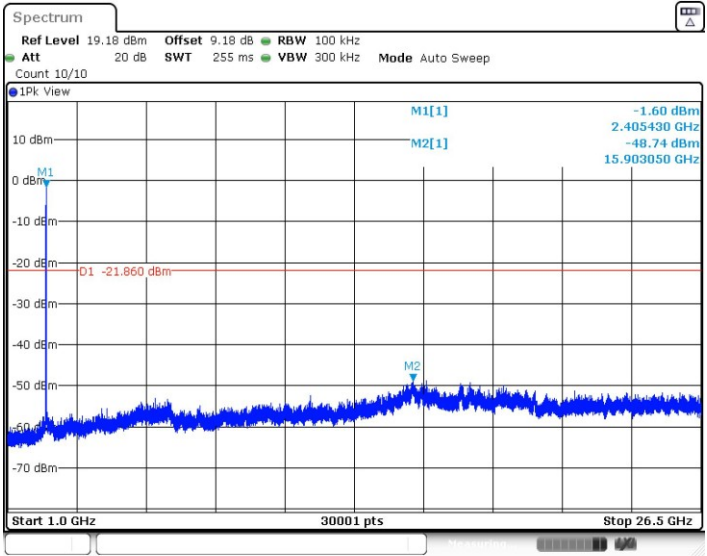
11N20SISO\_Ant1\_2412\_0~Reference



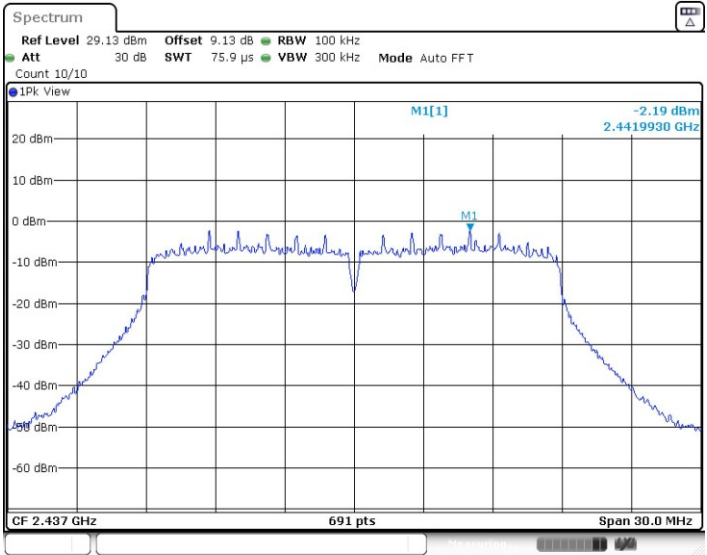
11N20SISO\_Ant1\_2412\_30~1000



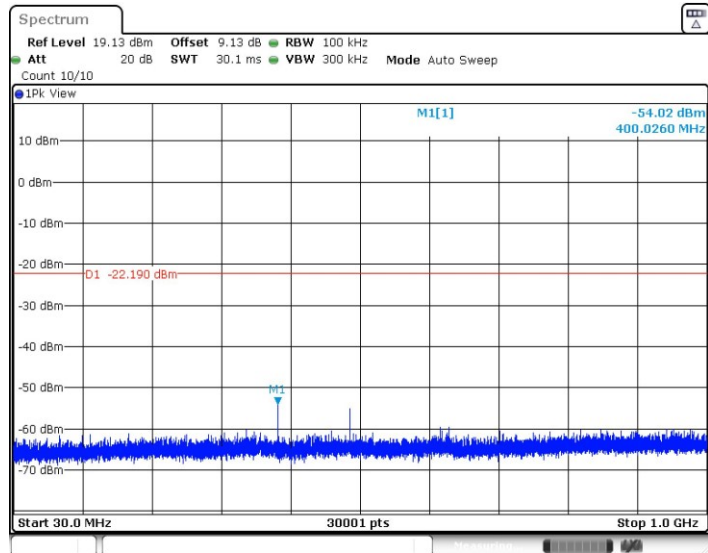
11N20SISO\_Ant1\_2412\_1000~26500



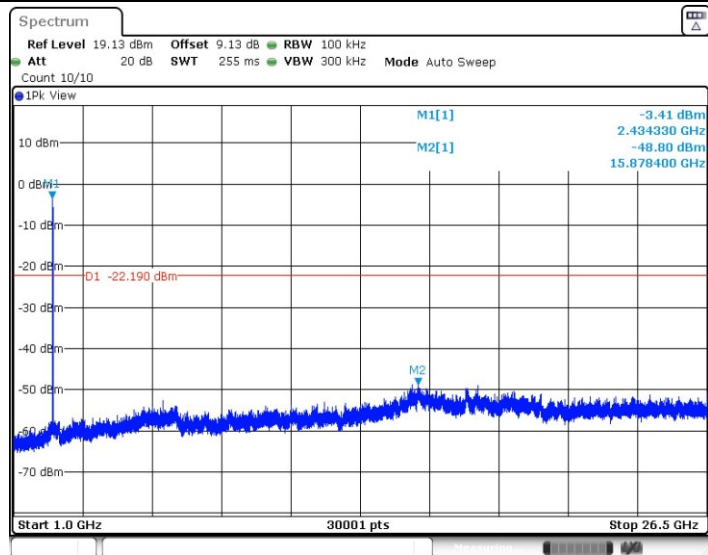
11N20SISO\_Ant1\_2437\_0~Reference



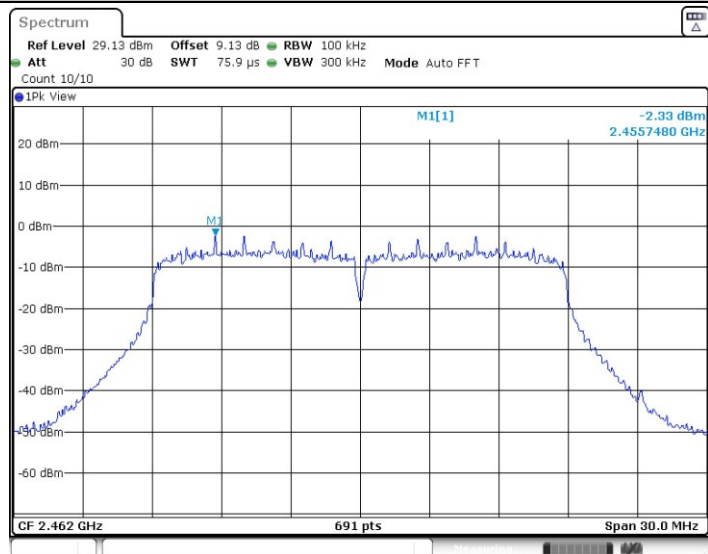
11N20SISO\_Ant1\_2437\_30~1000



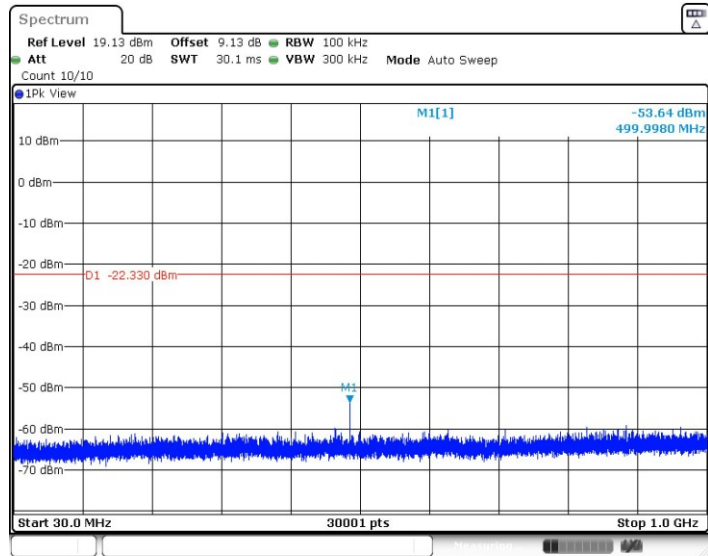
11N20SISO\_Ant1\_2437\_1000~26500



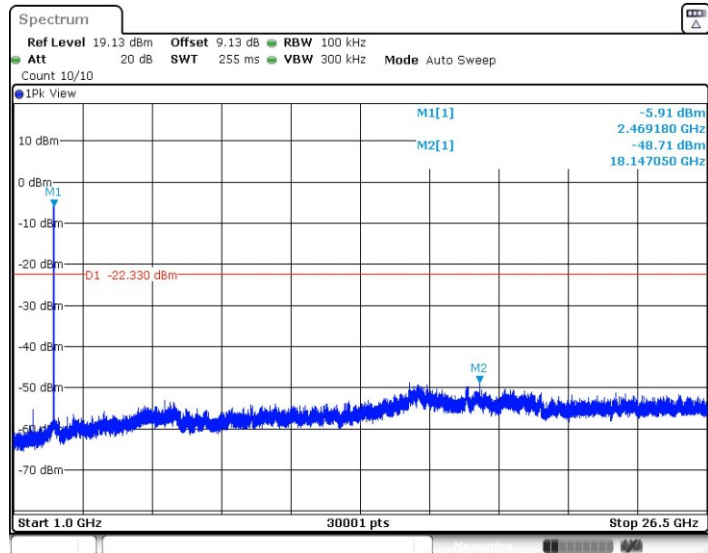
11N20SISO\_Ant1\_2462\_0~Reference



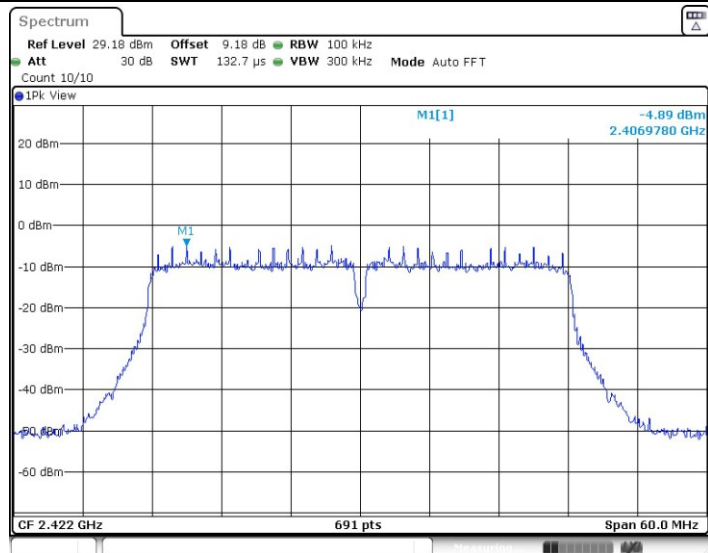
# 11N20SISO\_Ant1\_2462\_30~1000



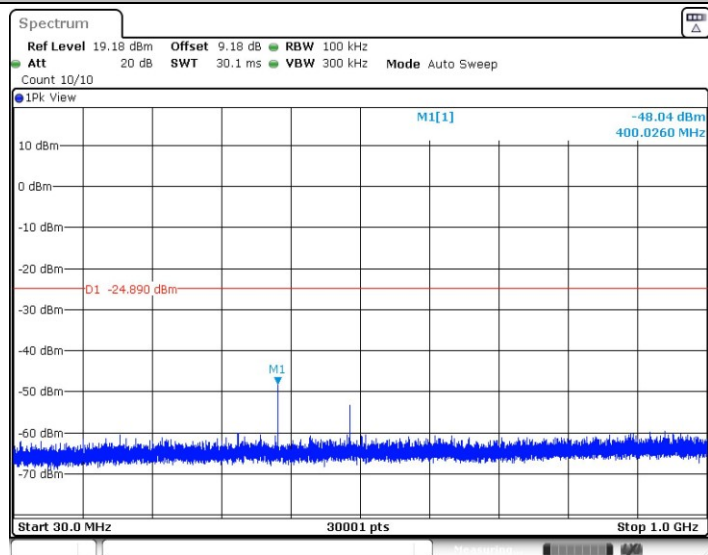
# 11N20SISO\_Ant1\_2462\_1000~26500



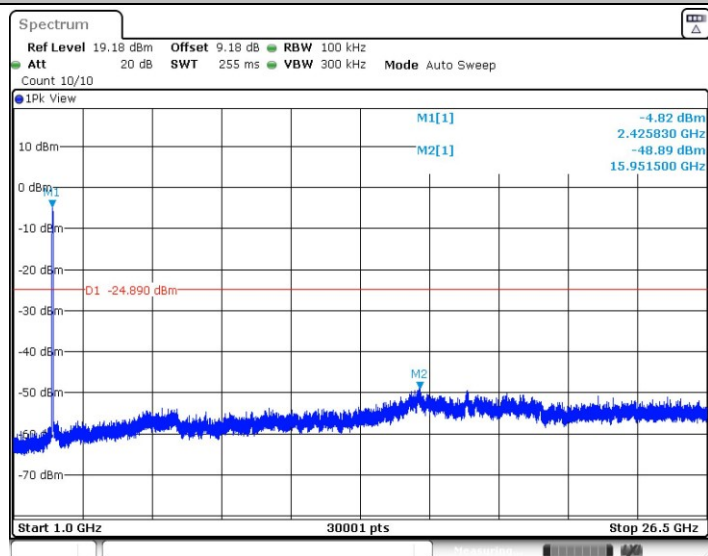
# 11N40SISO\_Ant1\_2422\_0~Reference



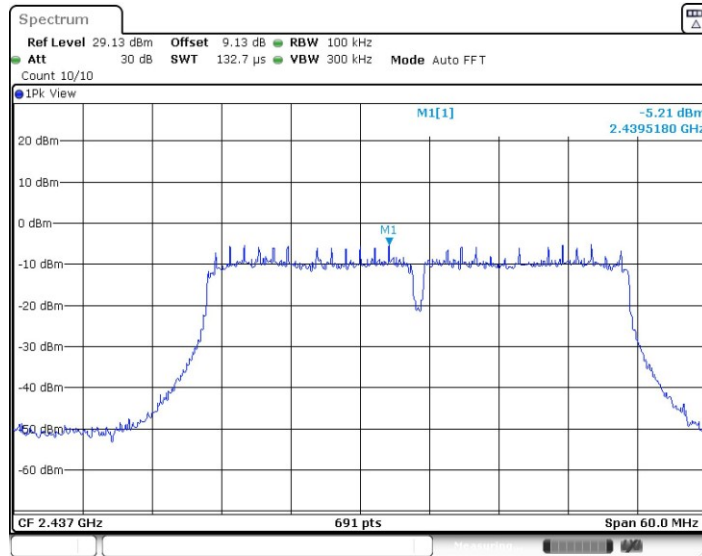
11N40SISO\_Ant1\_2422\_30~1000



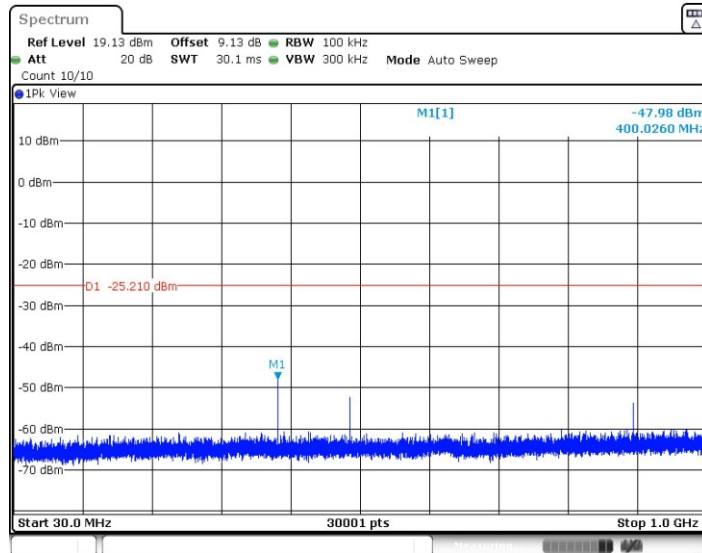
11N40SISO\_Ant1\_2422\_1000~26500



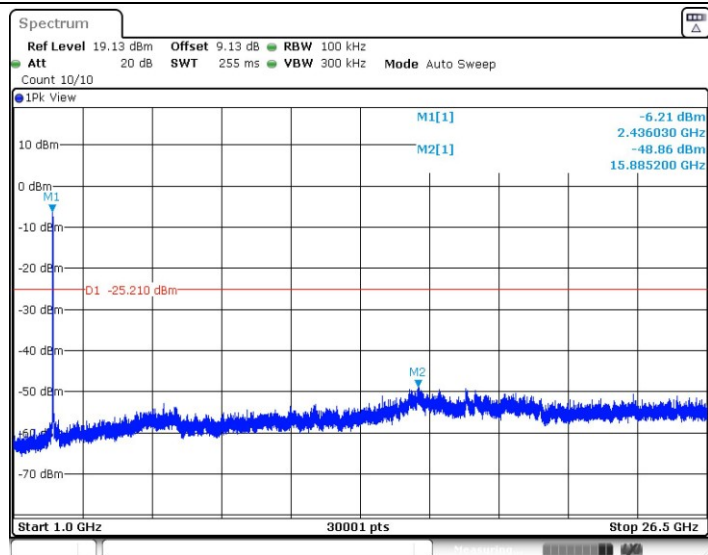
# 11N40SISO\_Ant1\_2437\_0~Reference



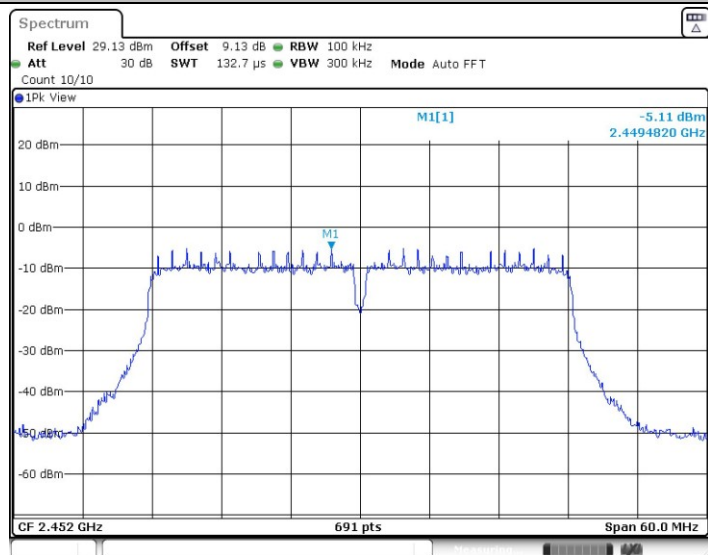
# 11N40SISO\_Ant1\_2437\_30~1000



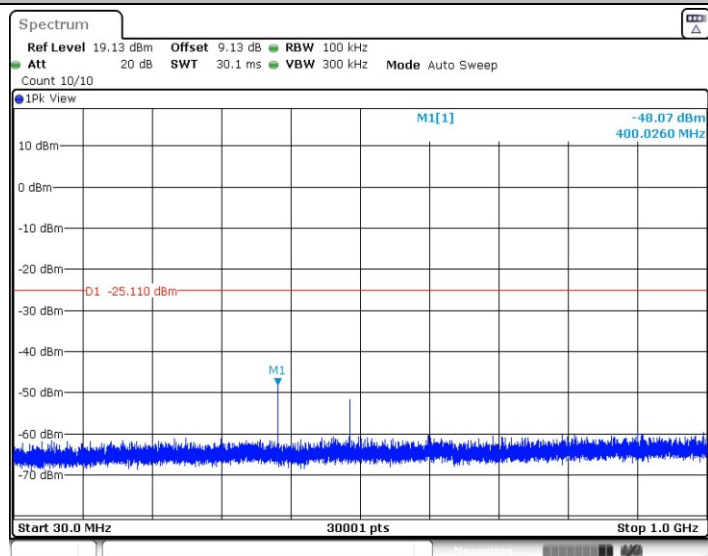
# 11N40SISO\_Ant1\_2437\_1000~26500



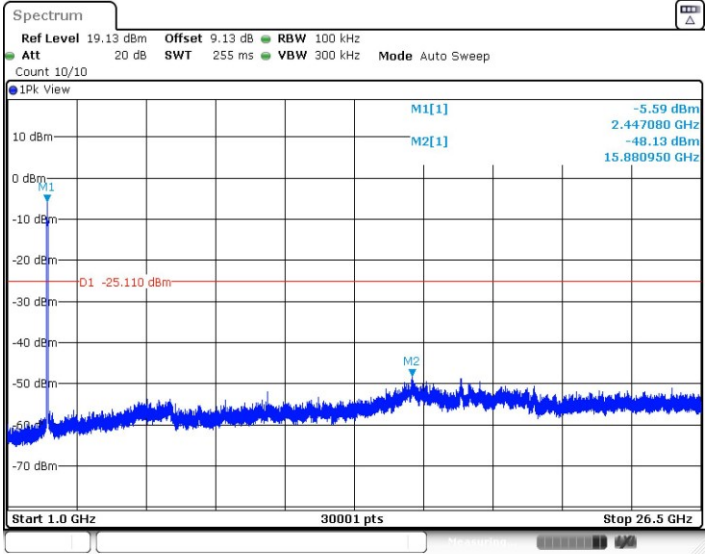
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500

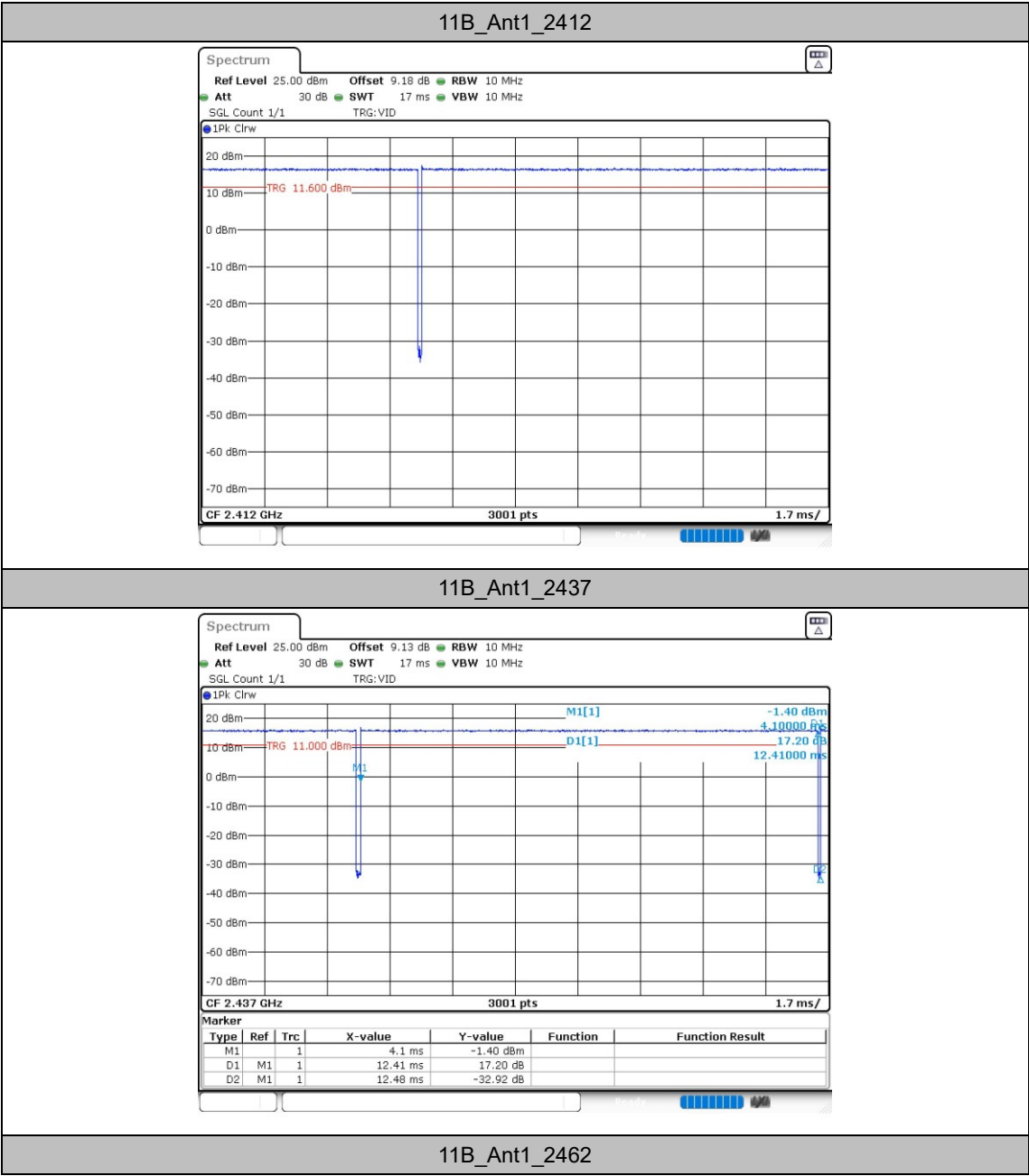


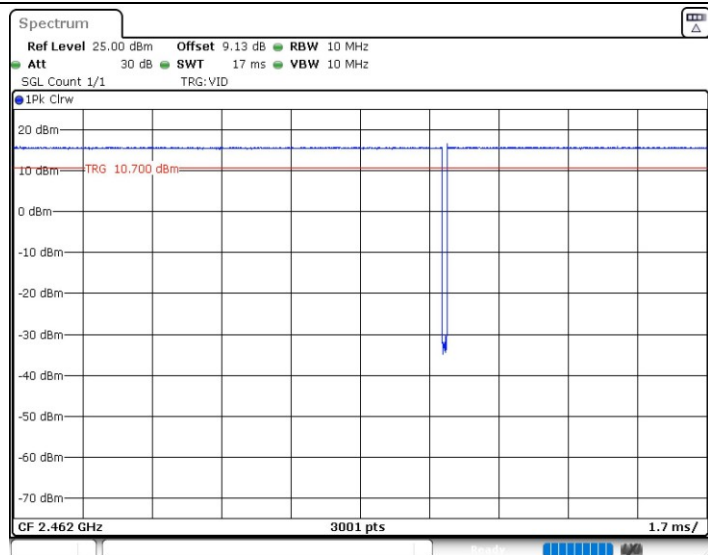
## Appendix G: Duty Cycle

### Test Result

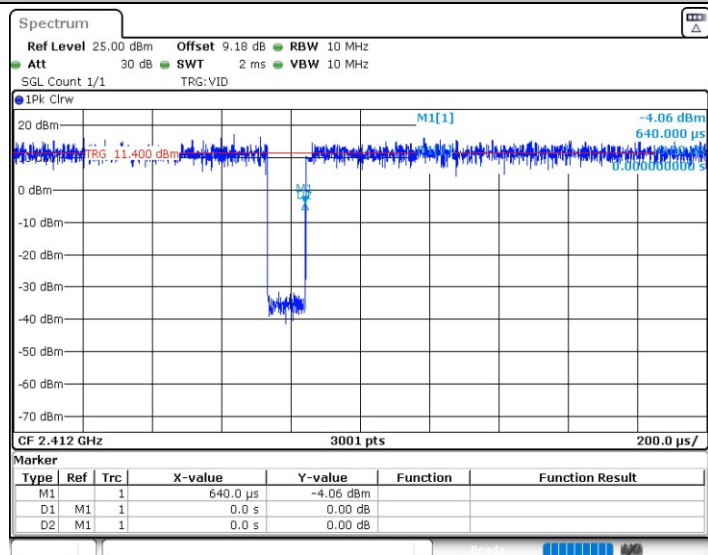
| TestMode  | Antenna | Channel | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty<br>Cycle [%] | Limit | Verdict |
|-----------|---------|---------|-------------------------------|-----------------------------|-------------------|-------|---------|
| 11B       | Ant1    | 2412    | 2.00                          | 2.00                        | 100.00            | ---   | ---     |
|           |         | 2437    | 12.41                         | 12.48                       | 99.44             | ---   | ---     |
|           |         | 2462    | 7.00                          | 7.00                        | 100.00            | ---   | ---     |
| 11G       | Ant1    | 2412    | 0.00                          | 0.00                        | 100               | ---   | ---     |
|           |         | 2437    | 0.00                          | 0.01                        | 100               | ---   | ---     |
|           |         | 2462    | 0.00                          | 0.00                        | 100               | ---   | ---     |
| 11N20SISO | Ant1    | 2412    | 0.00                          | 0.00                        | 100               | ---   | ---     |
|           |         | 2437    | 0.00                          | 0.00                        | 100               | ---   | ---     |
|           |         | 2462    | 0.00                          | 0.00                        | 100               | ---   | ---     |
| 11N40SISO | Ant1    | 2422    | 0.94                          | 1.07                        | 87.85             | ---   | ---     |
|           |         | 2437    | 0.00                          | 0.01                        | 100               | ---   | ---     |
|           |         | 2452    | 0.95                          | 1.11                        | 85.59             | ---   | ---     |

Test Graphs

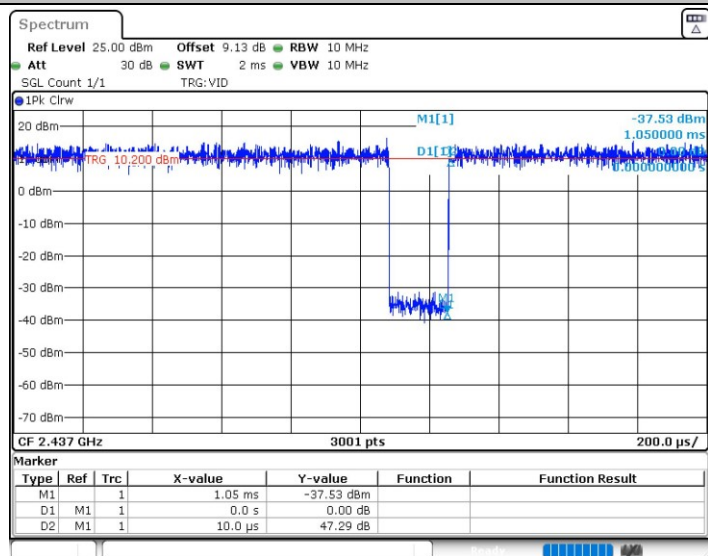




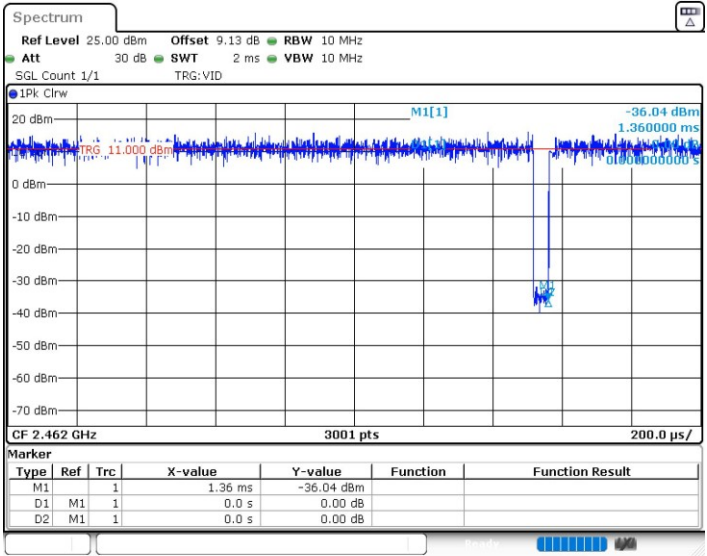
11G\_Ant1\_2412



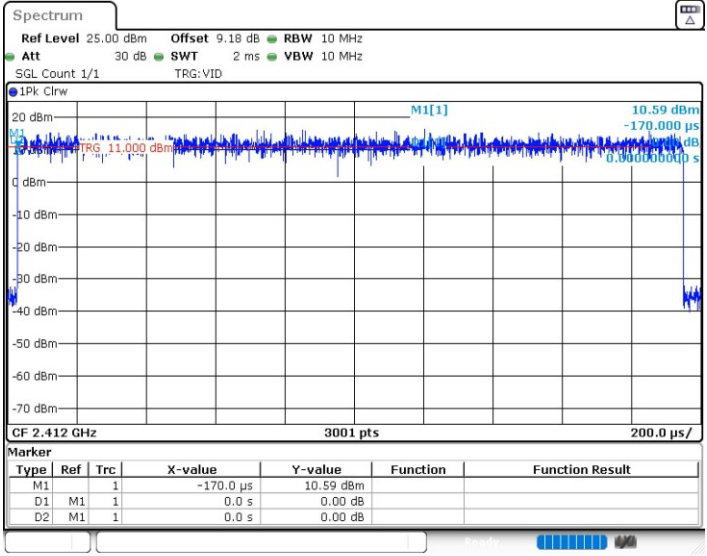
11G\_Ant1\_2437



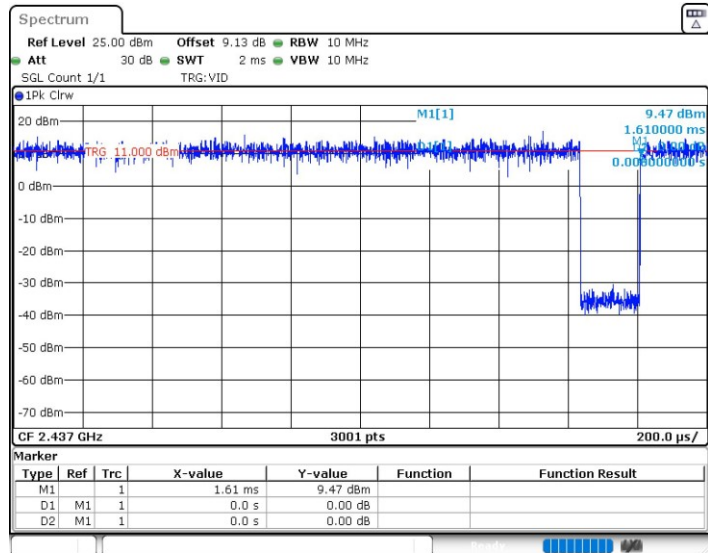
11G\_Ant1\_2462



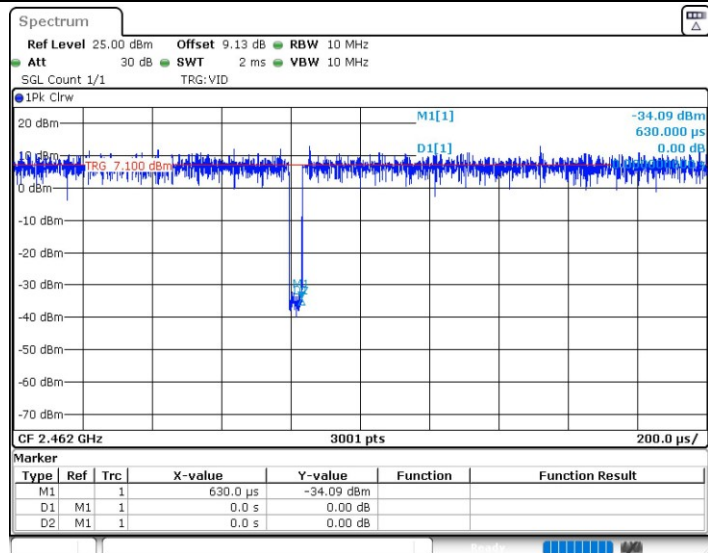
11N20SISO\_Ant1\_2412



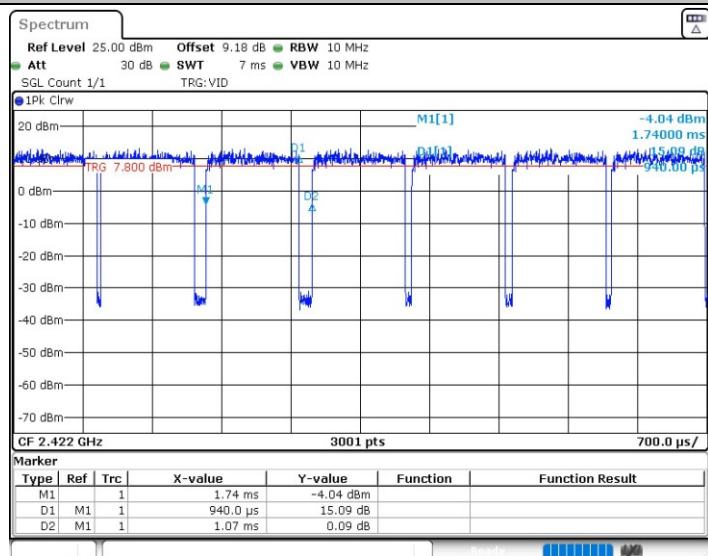
11N20SISO\_Ant1\_2437



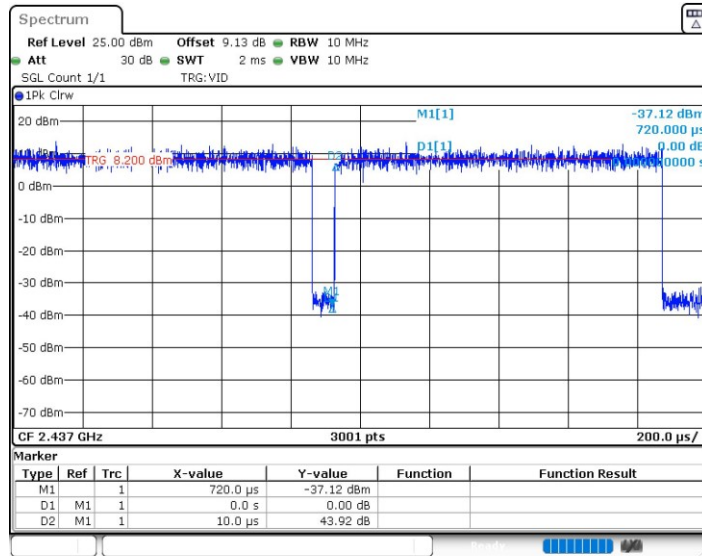
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452

