

## Appendix A: DTS Bandwidth

### Test Result

| TestMode  | Antenna | Channel | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.080           | 2407.480 | 2416.560 | 0.5        | PASS    |
|           |         | 2437    | 9.080           | 2432.480 | 2441.560 | 0.5        | PASS    |
|           |         | 2462    | 9.080           | 2457.480 | 2466.560 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.520          | 2403.760 | 2420.280 | 0.5        | PASS    |
|           |         | 2437    | 16.520          | 2428.760 | 2445.280 | 0.5        | PASS    |
|           |         | 2462    | 16.520          | 2453.760 | 2470.280 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.720          | 2403.160 | 2420.880 | 0.5        | PASS    |
|           |         | 2437    | 17.720          | 2428.160 | 2445.880 | 0.5        | PASS    |
|           |         | 2462    | 17.680          | 2453.160 | 2470.840 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422    | 36.480          | 2403.760 | 2440.240 | 0.5        | PASS    |
|           |         | 2437    | 36.480          | 2418.760 | 2455.240 | 0.5        | PASS    |
|           |         | 2452    | 36.480          | 2433.760 | 2470.240 | 0.5        | PASS    |

## Test Graphs





11B\_Ant1\_2462



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

## Appendix B: Occupied Channel Bandwidth

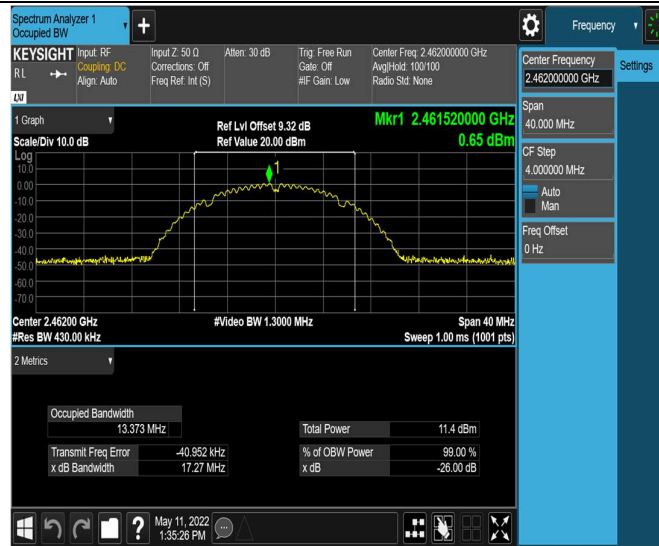
### Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 13.366    | 2405.302 | 2418.668 | ---        | ---     |
|           |         | 2437    | 13.345    | 2430.300 | 2443.645 | ---        | ---     |
|           |         | 2462    | 13.373    | 2455.273 | 2468.646 | ---        | ---     |
| 11G       | Ant1    | 2412    | 16.875    | 2403.541 | 2420.416 | ---        | ---     |
|           |         | 2437    | 16.938    | 2428.476 | 2445.414 | ---        | ---     |
|           |         | 2462    | 16.907    | 2453.493 | 2470.400 | ---        | ---     |
| 11N20SISO | Ant1    | 2412    | 17.911    | 2403.057 | 2420.968 | ---        | ---     |
|           |         | 2437    | 17.853    | 2428.073 | 2445.926 | ---        | ---     |
|           |         | 2462    | 17.922    | 2453.058 | 2470.980 | ---        | ---     |
| 11N40SISO | Ant1    | 2422    | 36.352    | 2403.844 | 2440.196 | ---        | ---     |
|           |         | 2437    | 36.368    | 2418.873 | 2455.241 | ---        | ---     |
|           |         | 2452    | 36.336    | 2433.802 | 2470.138 | ---        | ---     |

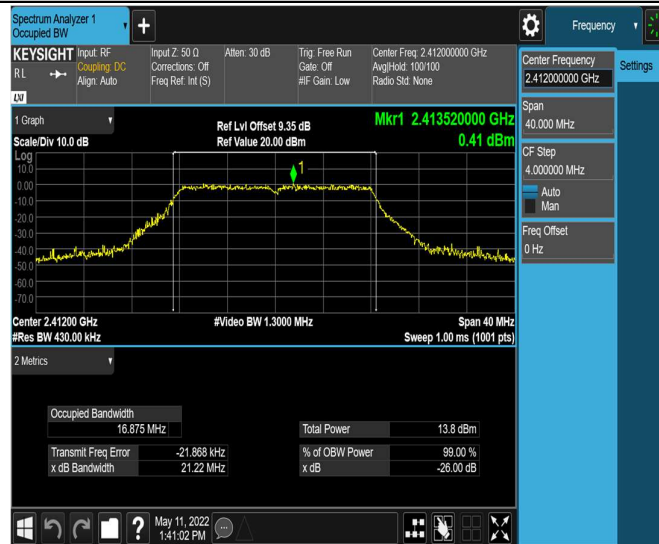
## Test Graphs



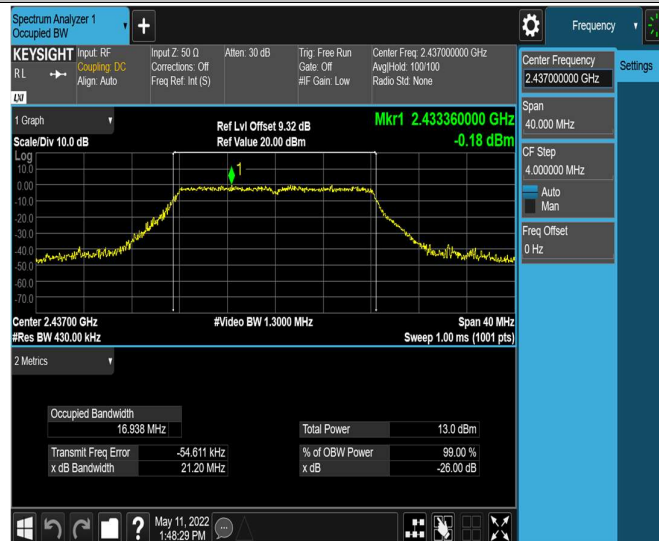




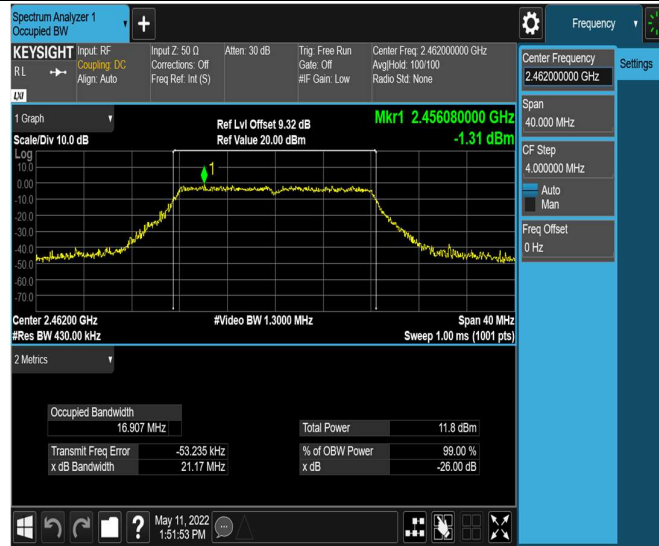
11B\_Ant1\_2462



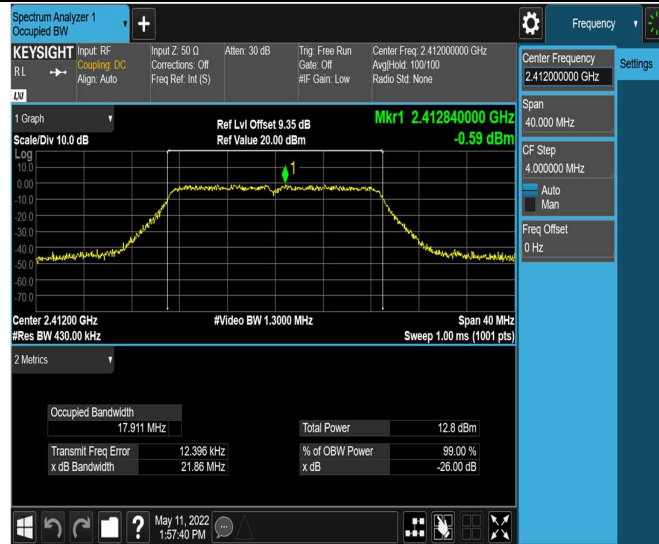
11G\_Ant1\_2412



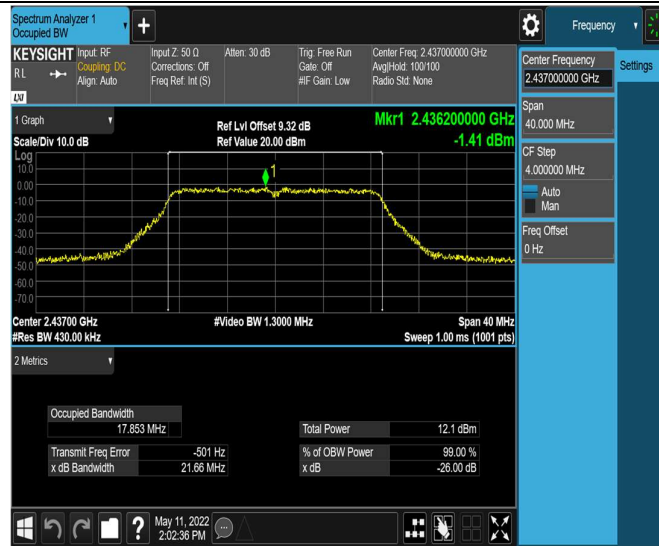
# 11G\_Ant1\_2437



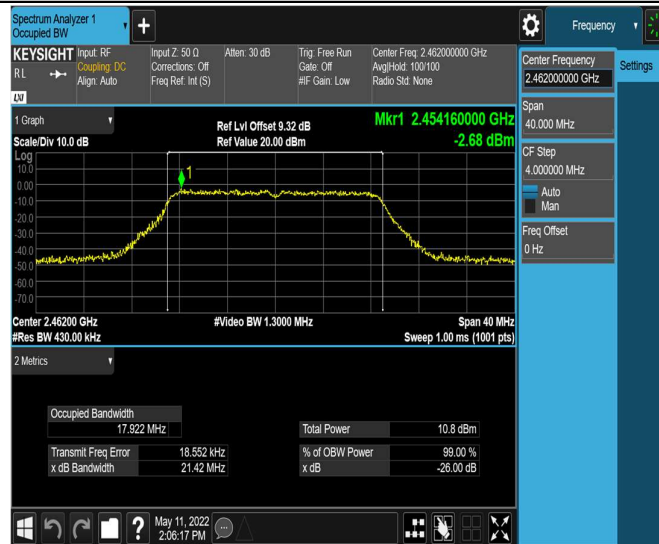
# 11G\_Ant1\_2462



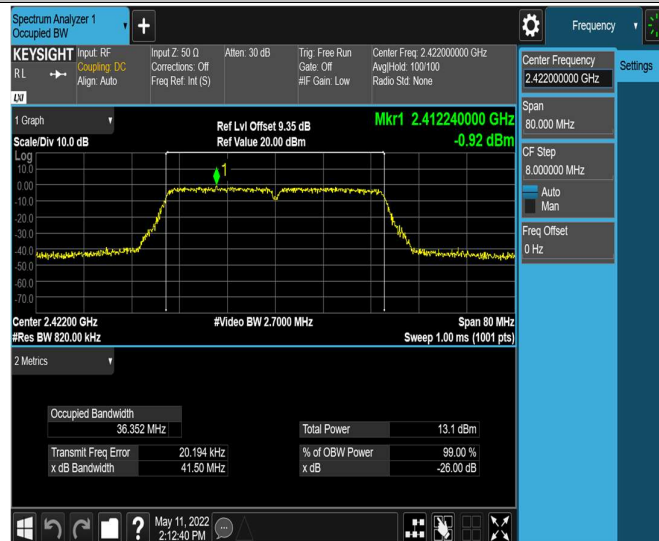
# 11N20SISO\_Ant1\_2412



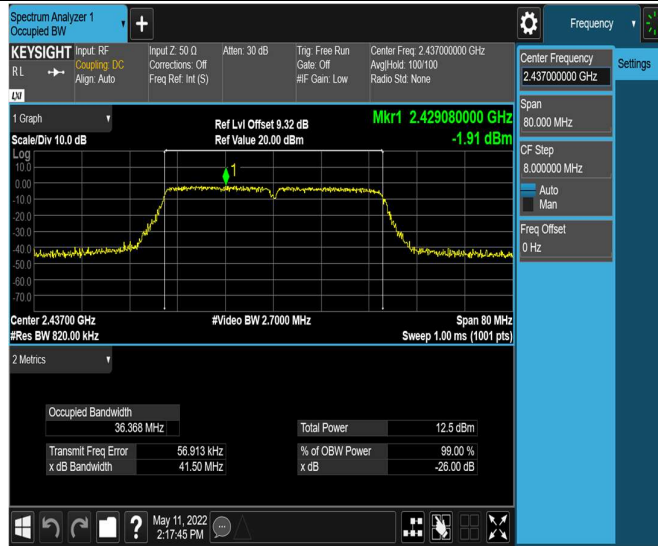
11N20SISO\_Ant1\_2437



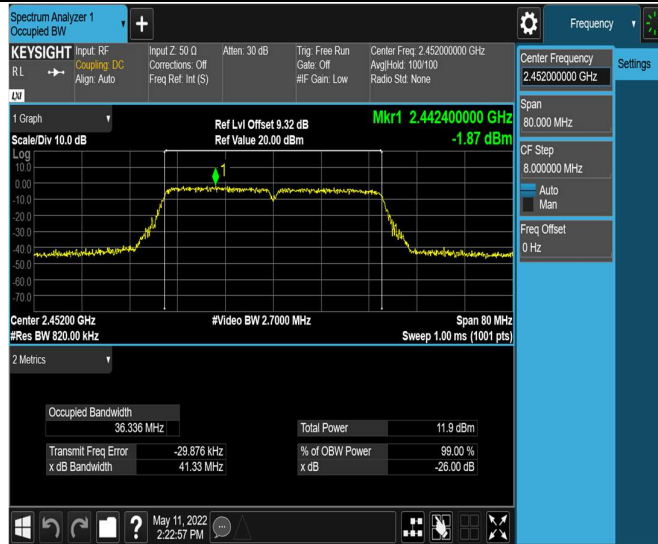
11N20SISO\_Ant1\_2462



# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452

## Appendix C: Maximum conducted output power

### Test Result

| TestMode  | Antenna | Channel | Conducted output power<br>Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|---------------------------------------|------------|---------|
| 11B       | Ant1    | 2412    | 11.82                                 | ≤30.00     | PASS    |
|           |         | 2437    | 10.06                                 | ≤30.00     | PASS    |
|           |         | 2462    | 8.63                                  | ≤30.00     | PASS    |
| 11G       | Ant1    | 2412    | 8.39                                  | ≤30.00     | PASS    |
|           |         | 2437    | 7.63                                  | ≤30.00     | PASS    |
|           |         | 2462    | 6.35                                  | ≤30.00     | PASS    |
| 11N20SISO | Ant1    | 2412    | 7.22                                  | ≤30.00     | PASS    |
|           |         | 2437    | 6.51                                  | ≤30.00     | PASS    |
|           |         | 2462    | 5.29                                  | ≤30.00     | PASS    |
| 11N40SISO | Ant1    | 2422    | 7.04                                  | ≤30.00     | PASS    |
|           |         | 2437    | 6.53                                  | ≤30.00     | PASS    |
|           |         | 2452    | 5.89                                  | ≤30.00     | PASS    |

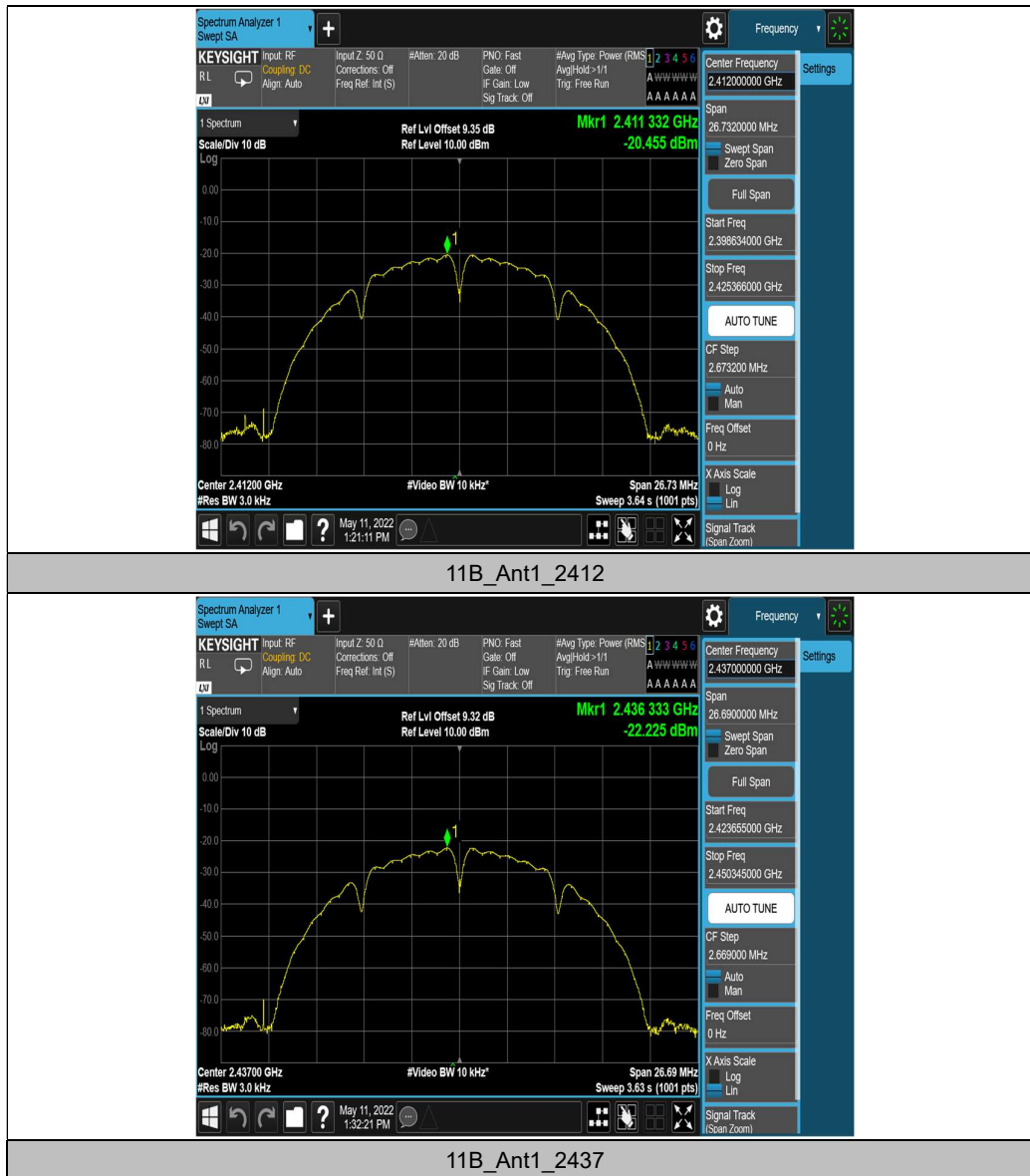
| TestMode  | Antenna | Channel | E.I.R.P Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|---------------------|------------|---------|
| 11B       | Ant1    | 2412    | 13.32               | ≤36.00     | PASS    |
|           |         | 2437    | 11.56               | ≤36.00     | PASS    |
|           |         | 2462    | 10.13               | ≤36.00     | PASS    |
| 11G       | Ant1    | 2412    | 9.89                | ≤36.00     | PASS    |
|           |         | 2437    | 9.13                | ≤36.00     | PASS    |
|           |         | 2462    | 7.85                | ≤36.00     | PASS    |
| 11N20SISO | Ant1    | 2412    | 8.72                | ≤36.00     | PASS    |
|           |         | 2437    | 8.01                | ≤36.00     | PASS    |
|           |         | 2462    | 6.79                | ≤36.00     | PASS    |
| 11N40SISO | Ant1    | 2422    | 8.54                | ≤36.00     | PASS    |
|           |         | 2437    | 8.03                | ≤36.00     | PASS    |
|           |         | 2452    | 7.39                | ≤36.00     | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

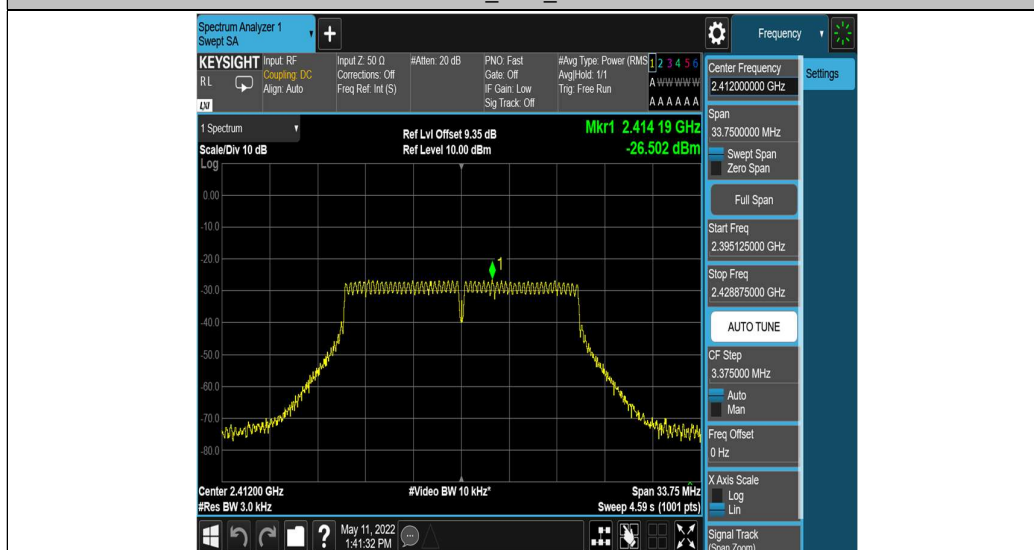
| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -20.44               | ≤8.00           | PASS    |
|           |         | 2437    | -22.22               | ≤8.00           | PASS    |
|           |         | 2462    | -23.61               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412    | -26.5                | ≤8.00           | PASS    |
|           |         | 2437    | -27.19               | ≤8.00           | PASS    |
|           |         | 2462    | -28.25               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412    | -27.82               | ≤8.00           | PASS    |
|           |         | 2437    | -28.32               | ≤8.00           | PASS    |
|           |         | 2462    | -29.81               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422    | -30.85               | ≤8.00           | PASS    |
|           |         | 2437    | -31.8                | ≤8.00           | PASS    |
|           |         | 2452    | -32.48               | ≤8.00           | PASS    |

## Test Graphs

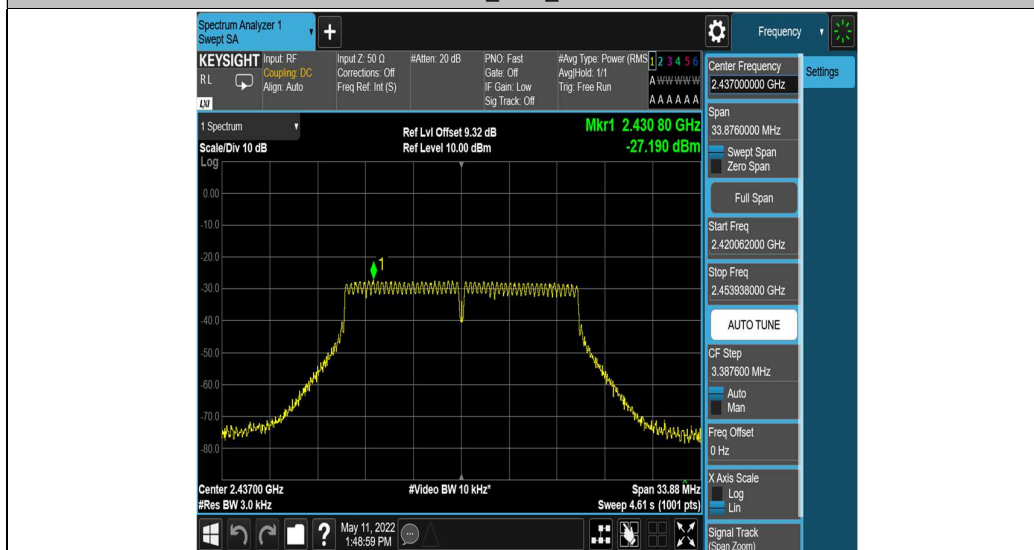




11B\_Ant1\_2462

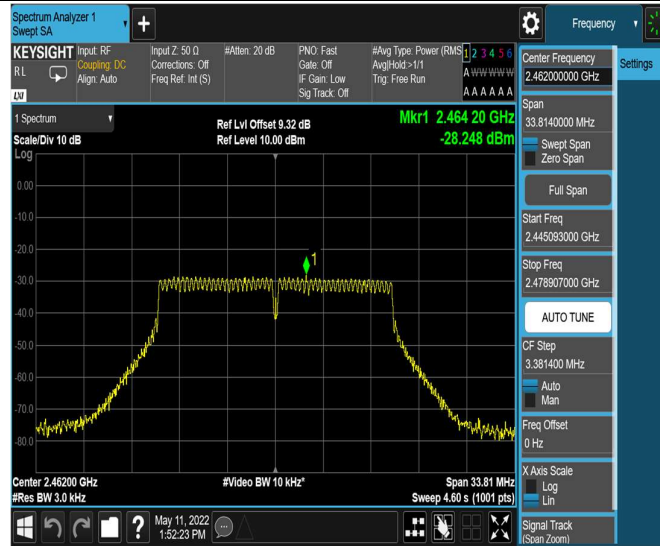


11G\_Ant1\_2412

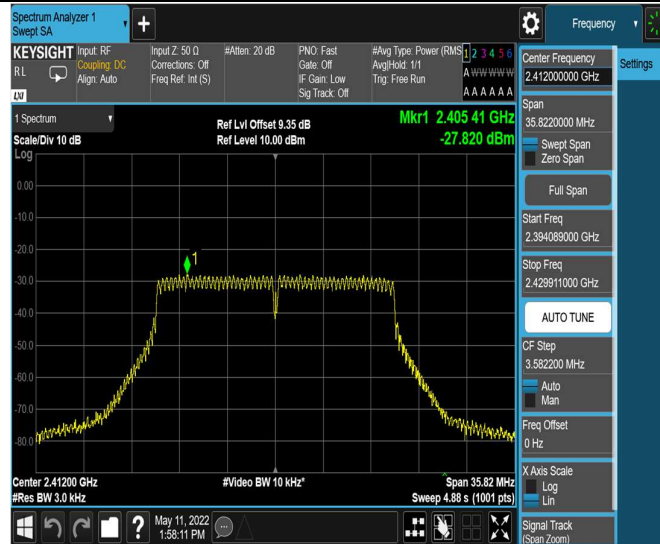




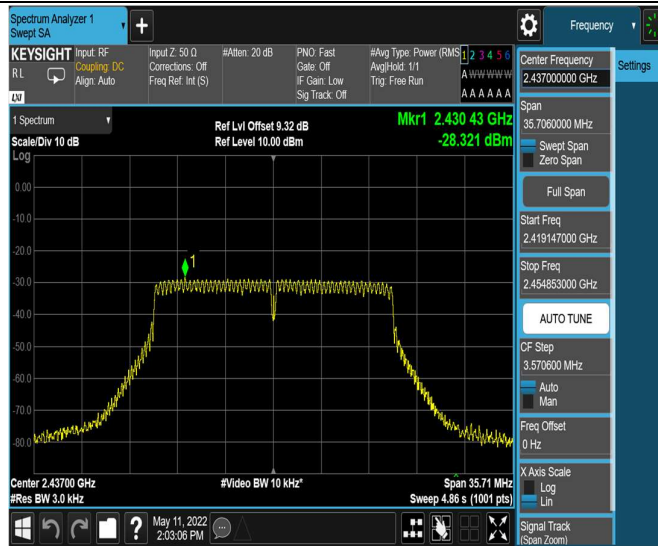
# 11G\_Ant1\_2437



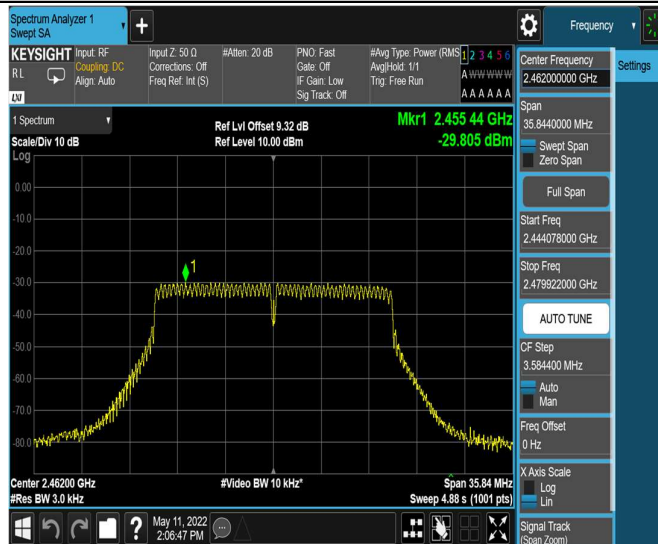
# 11G\_Ant1\_2462



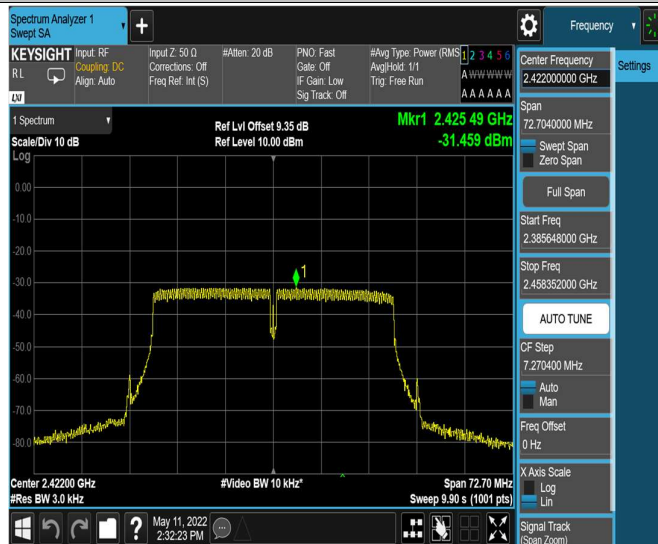
# 11N20SISO\_Ant1\_2412



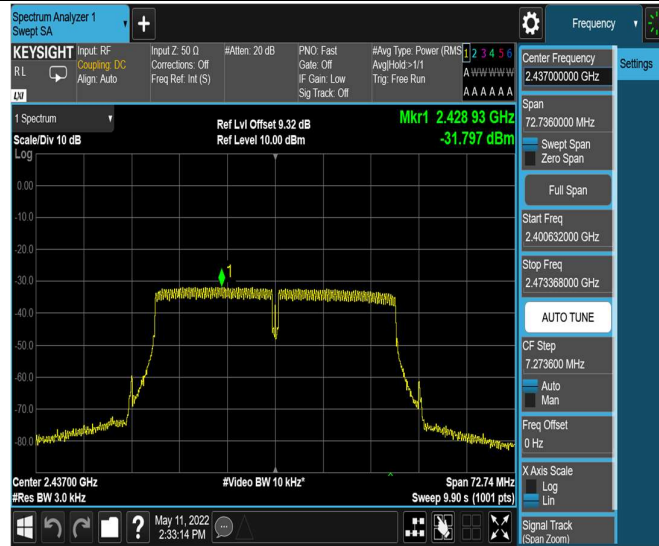
11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452

## Reference level measurement

### Test Result

| TestMode  | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|-----------|---------|-----------|----------------|-------------|
| 11B       | Ant1    | 2412      | 2411.51        | 2.55        |
|           |         | 2437      | 2436.51        | 0.84        |
|           |         | 2462      | 2461.54        | -0.61       |
| 11G       | Ant1    | 2412      | 2409.52        | -5.83       |
|           |         | 2437      | 2434.52        | -6.57       |
|           |         | 2462      | 2459.55        | -7.99       |
| 11N20SISO | Ant1    | 2412      | 2406.66        | -6.81       |
|           |         | 2437      | 2434.16        | -7.27       |
|           |         | 2462      | 2456.64        | -8.62       |
| 11N40SISO | Ant1    | 2422      | 2414.28        | -10.27      |
|           |         | 2437      | 2432.29        | -10.78      |
|           |         | 2452      | 2439.52        | -11.24      |