

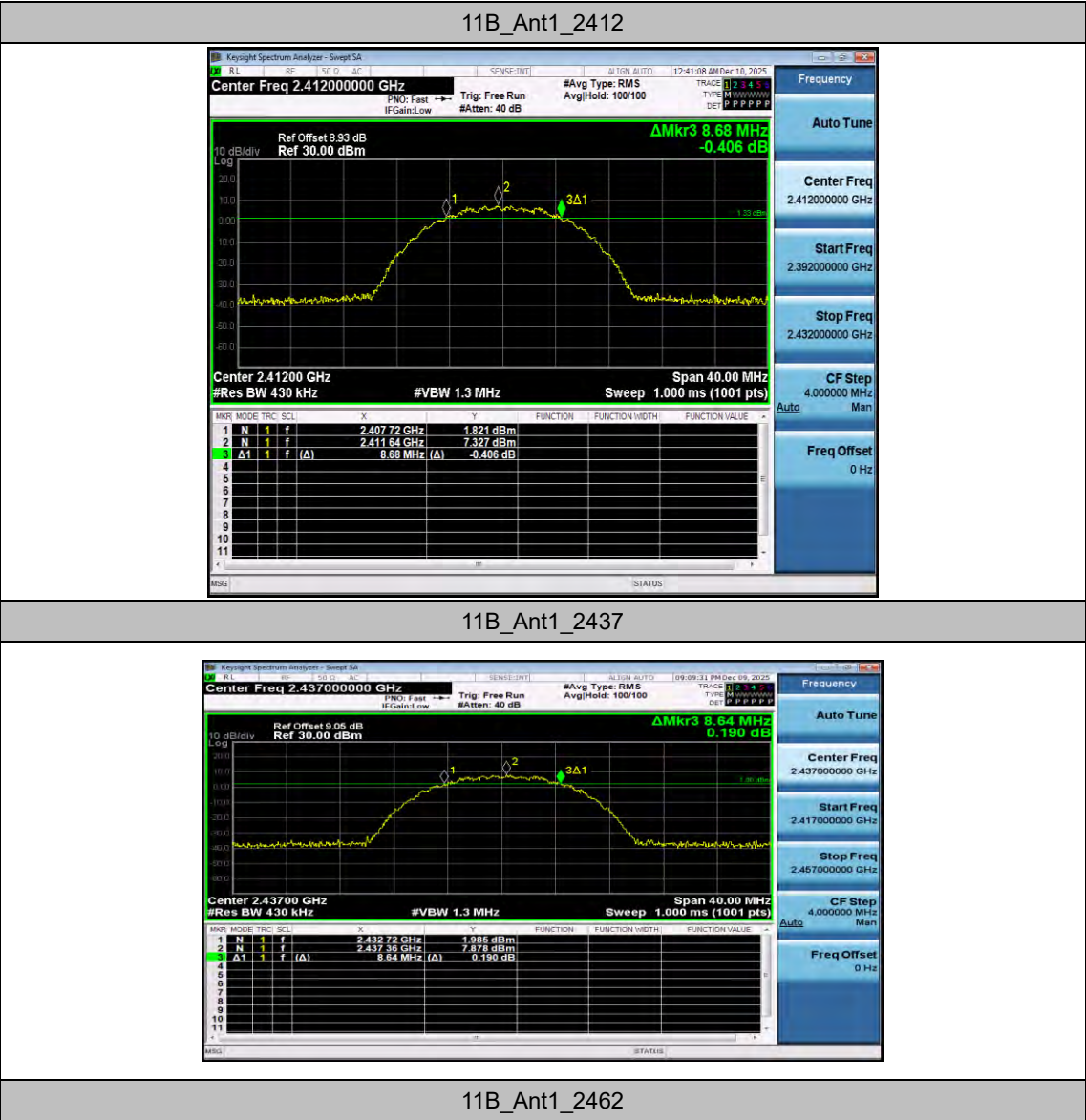
|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20251202015-1-11</u>                                           |
| <b>Ambient Condition:</b> <u>22°C, 49%RH,</u>                                          |
| <b>Test Date:</b> <u>2025.12.5-2025.12.16</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix C.1: DTS Bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B        | Ant1    | 2412           | 8.680        | 2407.720 | 2416.400 | 0.5        | PASS    |
|            |         | 2437           | 8.640        | 2432.720 | 2441.360 | 0.5        | PASS    |
|            |         | 2462           | 8.480        | 2457.800 | 2466.280 | 0.5        | PASS    |
| 11G        | Ant1    | 2412           | 16.400       | 2403.880 | 2420.280 | 0.5        | PASS    |
|            |         | 2437           | 16.240       | 2428.880 | 2445.120 | 0.5        | PASS    |
|            |         | 2462           | 16.160       | 2453.920 | 2470.080 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 2412           | 17.520       | 2403.240 | 2420.760 | 0.5        | PASS    |
|            |         | 2437           | 17.560       | 2428.280 | 2445.840 | 0.5        | PASS    |
|            |         | 2462           | 17.560       | 2453.240 | 2470.800 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 2422           | 36.000       | 2404.000 | 2440.000 | 0.5        | PASS    |
|            |         | 2437           | 36.160       | 2418.920 | 2455.080 | 0.5        | PASS    |
|            |         | 2452           | 36.000       | 2434.000 | 2470.000 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 2412           | 18.640       | 2402.600 | 2421.240 | 0.5        | PASS    |
|            |         | 2437           | 18.640       | 2427.680 | 2446.320 | 0.5        | PASS    |
|            |         | 2462           | 18.560       | 2452.800 | 2471.360 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 2422           | 36.240       | 2403.520 | 2439.760 | 0.5        | PASS    |
|            |         | 2437           | 37.520       | 2418.280 | 2455.800 | 0.5        | PASS    |
|            |         | 2452           | 35.280       | 2434.560 | 2469.840 | 0.5        | PASS    |

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



## 11AX20SISO\_Ant1\_2412



11AX20SISO\_Ant1\_2437



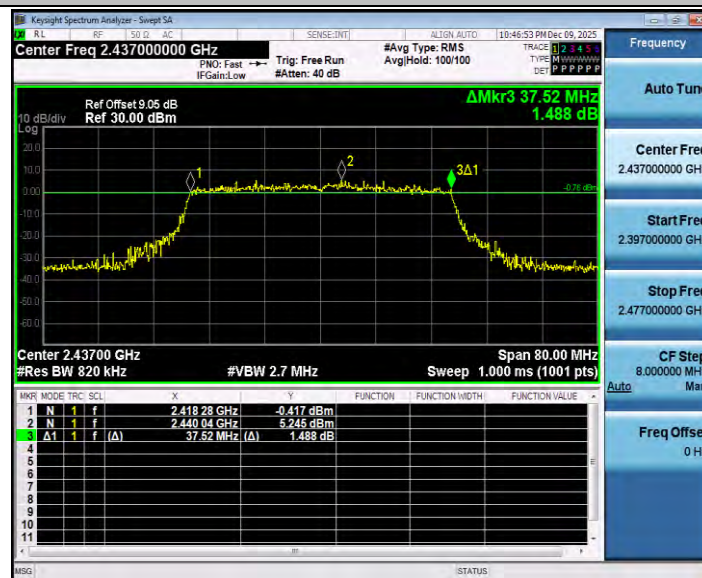
11AX20SISO\_Ant1\_2462



## 11AX40SISO\_Ant1\_2422



## 11AX40SISO\_Ant1\_2437



## 11AX40SISO\_Ant1\_2452



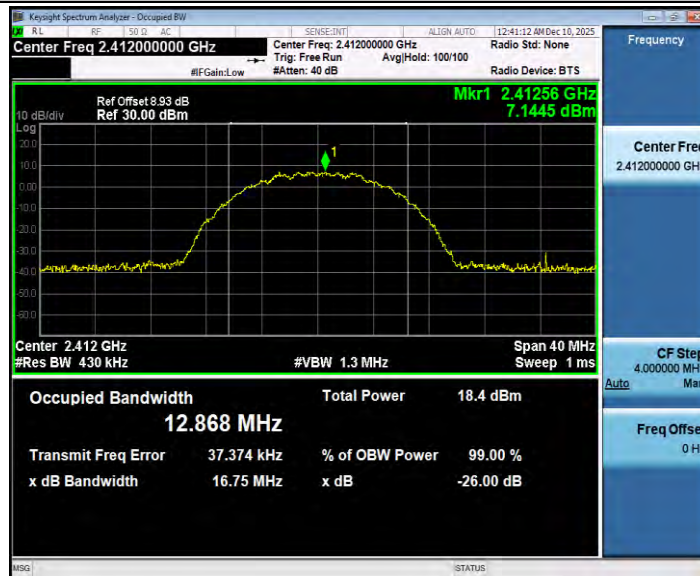
## Appendix C.2: Occupied Channel Bandwidth

### Test Result

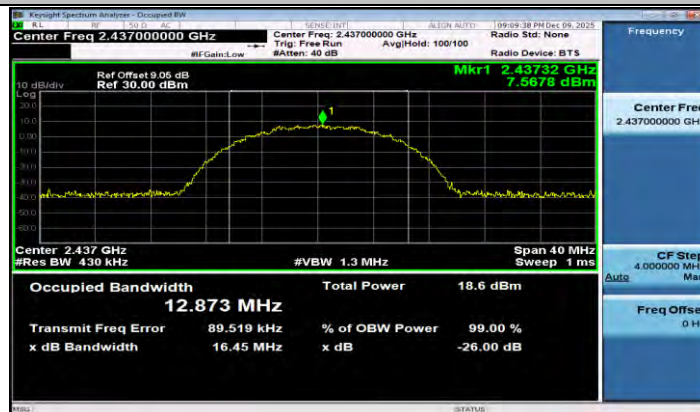
| TestMode   | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------------------------|--------------|-----------|-----------|------------|---------|
| 11B        | Ant1    | 2412                      | 12.868       | 2405.6034 | 2418.4714 | ---        | ---     |
|            |         | 2437                      | 12.873       | 2430.5635 | 2443.4365 | ---        | ---     |
|            |         | 2462                      | 12.806       | 2455.6664 | 2468.4724 | ---        | ---     |
| 11G        | Ant1    | 2412                      | 17.305       | 2403.3351 | 2420.6401 | ---        | ---     |
|            |         | 2437                      | 17.349       | 2428.3053 | 2445.6543 | ---        | ---     |
|            |         | 2462                      | 17.310       | 2453.2976 | 2470.6076 | ---        | ---     |
| 11N20SISO  | Ant1    | 2412                      | 18.403       | 2402.8316 | 2421.2346 | ---        | ---     |
|            |         | 2437                      | 18.505       | 2427.7702 | 2446.2752 | ---        | ---     |
|            |         | 2462                      | 18.307       | 2452.8111 | 2471.1181 | ---        | ---     |
| 11N40SISO  | Ant1    | 2422                      | 36.856       | 2403.5317 | 2440.3877 | ---        | ---     |
|            |         | 2437                      | 36.775       | 2418.7062 | 2455.4812 | ---        | ---     |
|            |         | 2452                      | 36.685       | 2433.7163 | 2470.4013 | ---        | ---     |
| 11AX20SISO | Ant1    | 2412                      | 19.128       | 2402.4467 | 2421.5747 | ---        | ---     |
|            |         | 2437                      | 19.232       | 2427.4264 | 2446.6584 | ---        | ---     |
|            |         | 2462                      | 19.312       | 2452.3128 | 2471.6248 | ---        | ---     |
| 11AX40SISO | Ant1    | 2422                      | 37.984       | 2403.0330 | 2441.0170 | ---        | ---     |
|            |         | 2437                      | 38.025       | 2417.9770 | 2456.0020 | ---        | ---     |
|            |         | 2452                      | 37.931       | 2433.0419 | 2470.9729 | ---        | ---     |

## Test Graphs

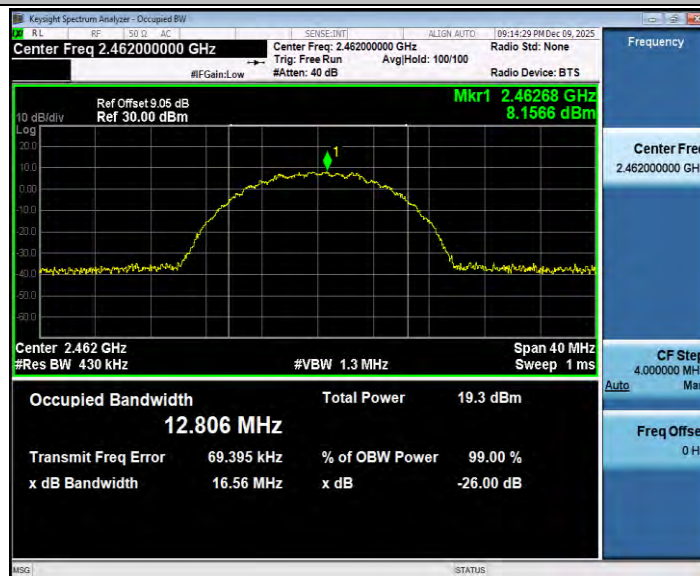
11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



## 11G\_Ant1\_2412



## 11G\_Ant1\_2437



## 11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



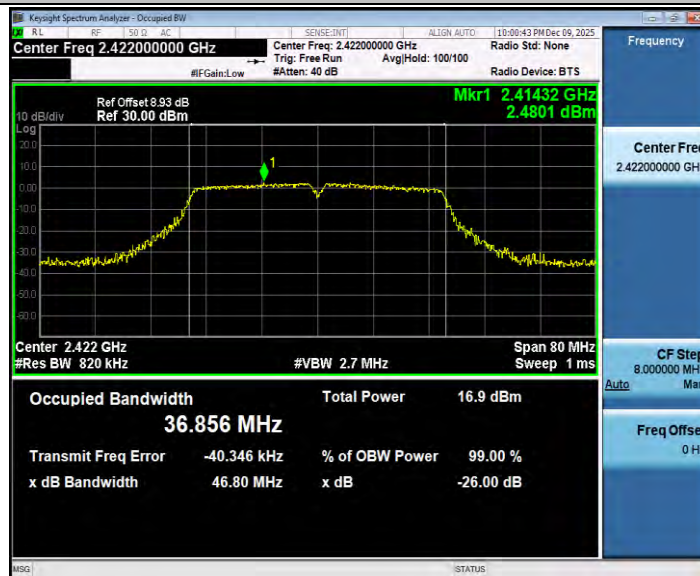
11N20SISO\_Ant1\_2437



## 11N20SISO\_Ant1\_2462



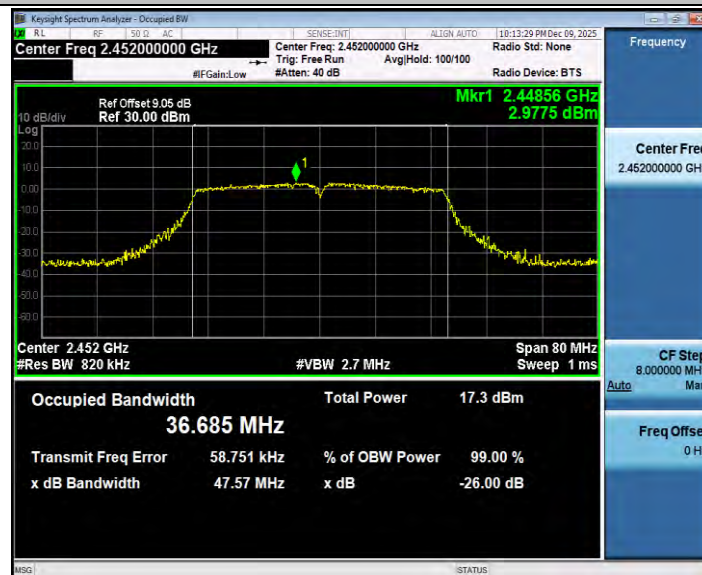
## 11N40SISO\_Ant1\_2422



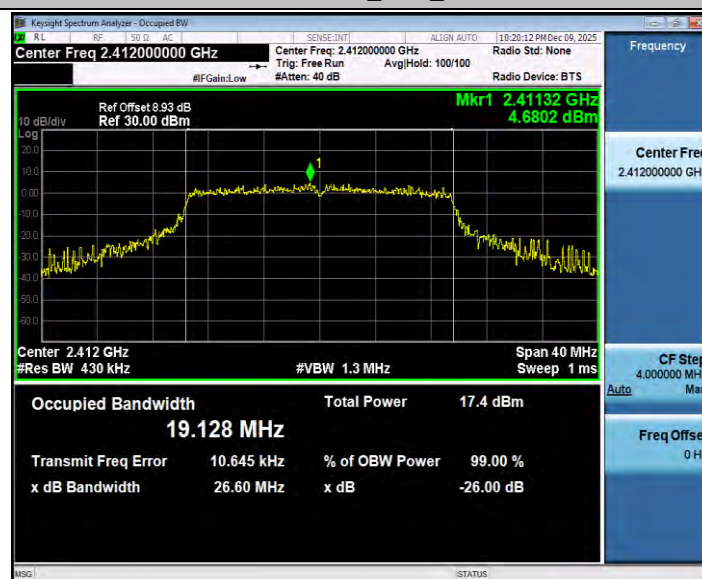
## 11N40SISO\_Ant1\_2437



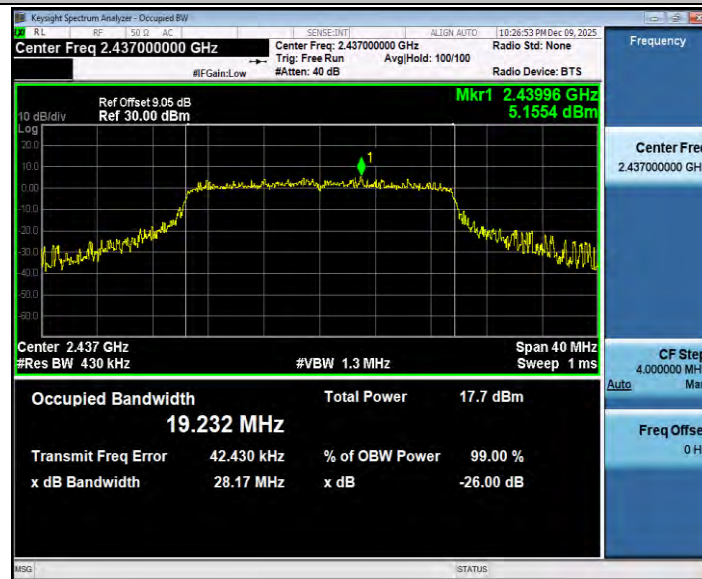
11N40SISO\_Ant1\_2452



11AX20SISO\_Ant1\_2412



## 11AX20SISO\_Ant1\_2437



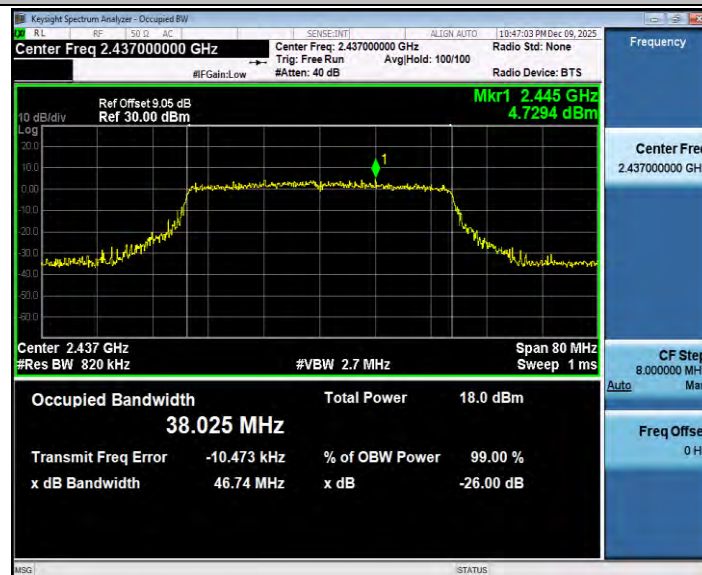
## 11AX20SISO\_Ant1\_2462



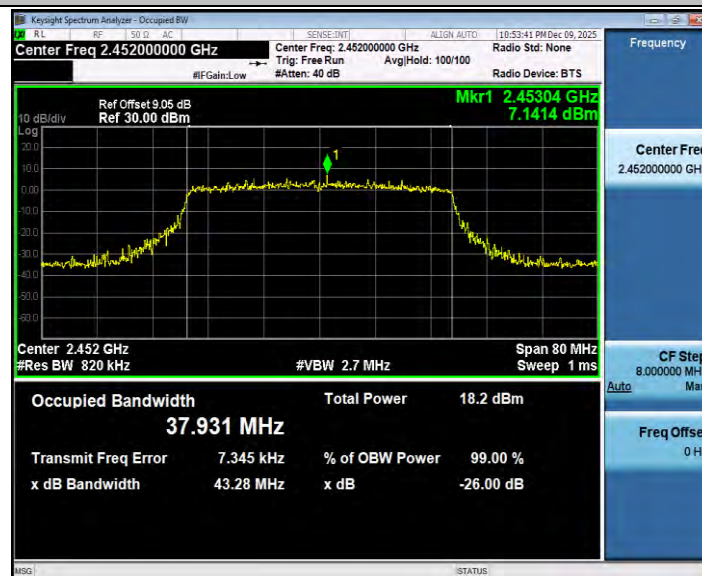
## 11AX40SISO\_Ant1\_2422



11AX40ISO\_Ant1\_2437



11AX40ISO\_Ant1\_2452



### Appendix C.3: Maximum conducted output power

| TestMode   | Antenna | Frequency [MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|------------------|-------------|---------|
| 11B        | Ant1    | 2412            | 16.98            | ≤30.00      | PASS    |
|            |         | 2437            | 13.38            | ≤30.00      | PASS    |
|            |         | 2462            | 17.75            | ≤30.00      | PASS    |
| 11G        | Ant1    | 2412            | 17.54            | ≤30.00      | PASS    |
|            |         | 2437            | 17.78            | ≤30.00      | PASS    |
|            |         | 2462            | 17.71            | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 2412            | 17.44            | ≤30.00      | PASS    |
|            |         | 2437            | 17.73            | ≤30.00      | PASS    |
|            |         | 2462            | 17.71            | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 2422            | 17.22            | ≤30.00      | PASS    |
|            |         | 2437            | 17.52            | ≤30.00      | PASS    |
|            |         | 2452            | 17.63            | ≤30.00      | PASS    |
| 11AX20SISO | Ant1    | 2412            | 18.01            | ≤30.00      | PASS    |
|            |         | 2437            | 18.33            | ≤30.00      | PASS    |
|            |         | 2462            | 18.17            | ≤30.00      | PASS    |
| 11AX40SISO | Ant1    | 2422            | 17.66            | ≤30.00      | PASS    |
|            |         | 2437            | 18.15            | ≤30.00      | PASS    |
|            |         | 2452            | 18.21            | ≤30.00      | PASS    |

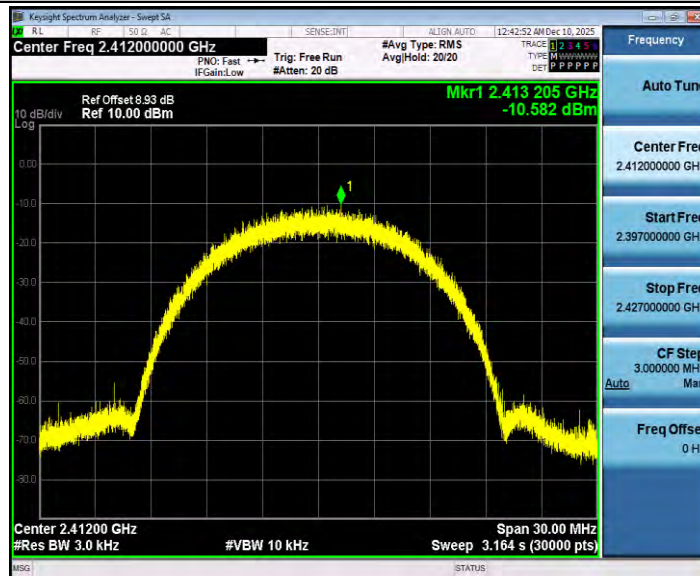
## Appendix C.4: Maximum power spectral density

### Test Result

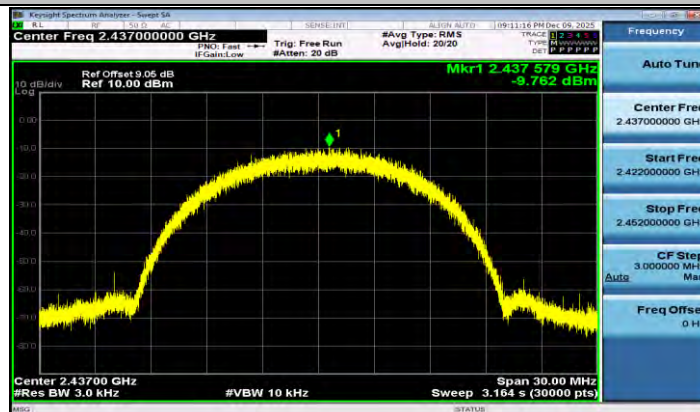
| TestMode   | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|----------------------|-----------------|---------|
| 11B        | Ant1    | 2412           | -10.58               | ≤8.00           | PASS    |
|            |         | 2437           | -9.76                | ≤8.00           | PASS    |
|            |         | 2462           | -7.92                | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412           | -13.92               | ≤8.00           | PASS    |
|            |         | 2437           | -14.10               | ≤8.00           | PASS    |
|            |         | 2462           | -14.42               | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2412           | -14.02               | ≤8.00           | PASS    |
|            |         | 2437           | -14.33               | ≤8.00           | PASS    |
|            |         | 2462           | -14.60               | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2422           | -17.56               | ≤8.00           | PASS    |
|            |         | 2437           | -16.83               | ≤8.00           | PASS    |
|            |         | 2452           | -17.00               | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2412           | -14.44               | ≤8.00           | PASS    |
|            |         | 2437           | -14.65               | ≤8.00           | PASS    |
|            |         | 2462           | -14.78               | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2422           | -18.18               | ≤8.00           | PASS    |
|            |         | 2437           | -16.38               | ≤8.00           | PASS    |
|            |         | 2452           | -17.18               | ≤8.00           | PASS    |

## Test Graphs

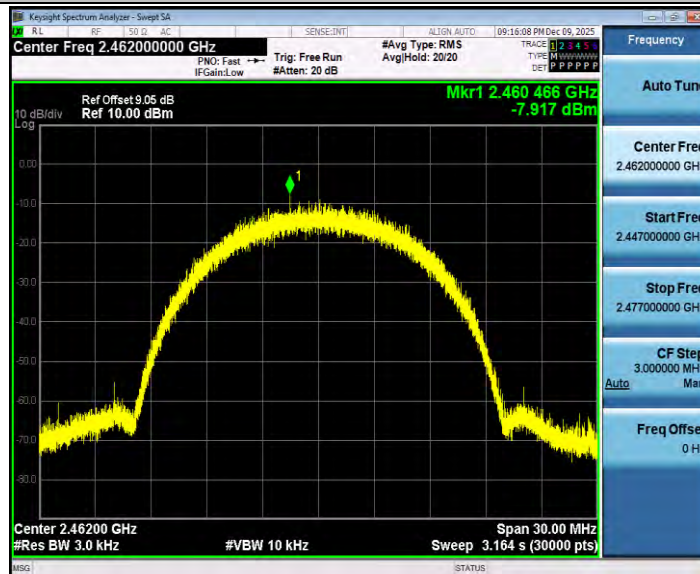
11B\_Ant1\_2412



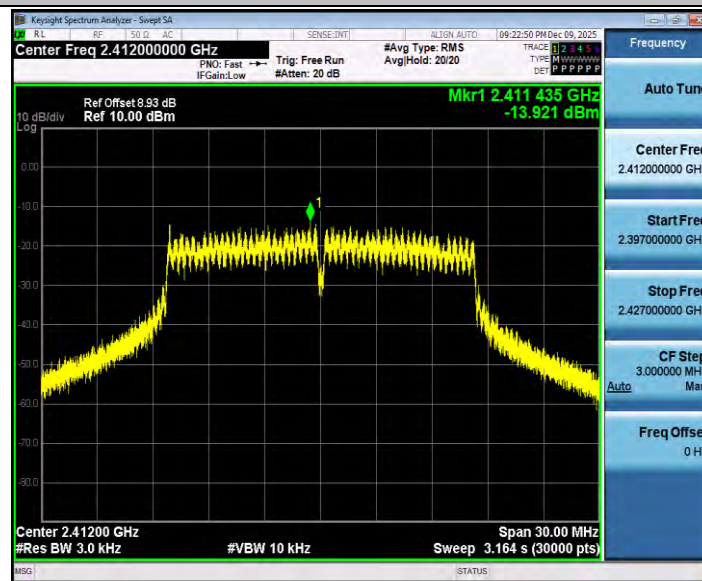
11B\_Ant1\_2437



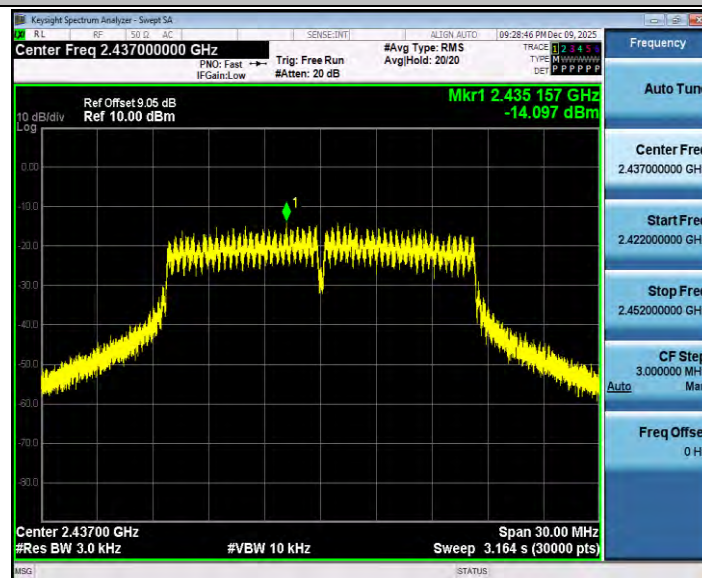
11B\_Ant1\_2462



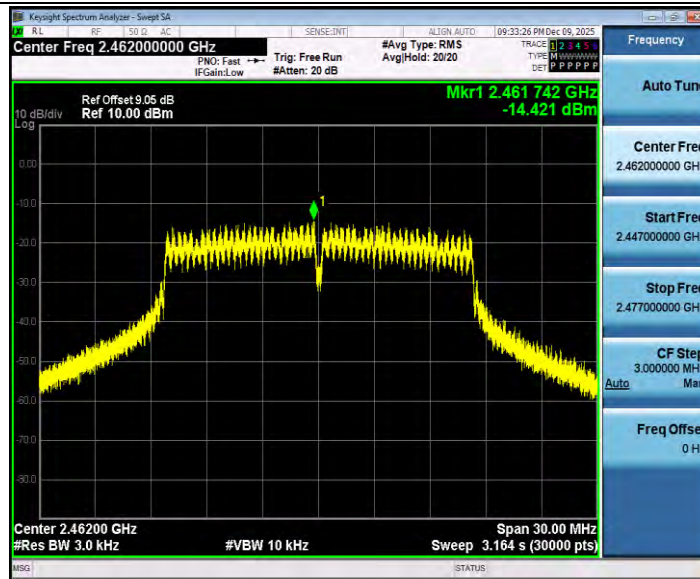
11G\_Ant1\_2412



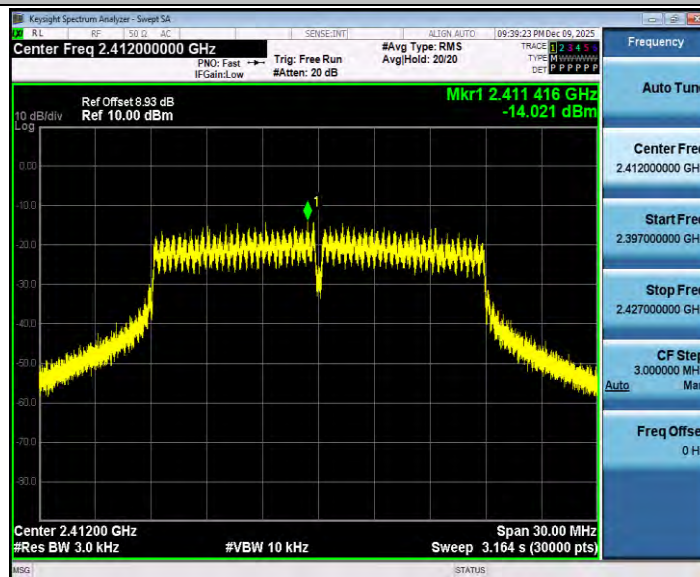
11G\_Ant1\_2437



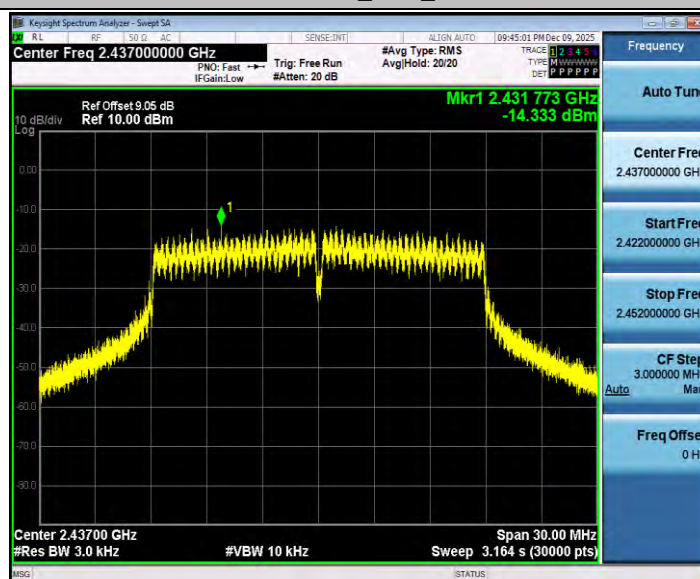
11G\_Ant1\_2462



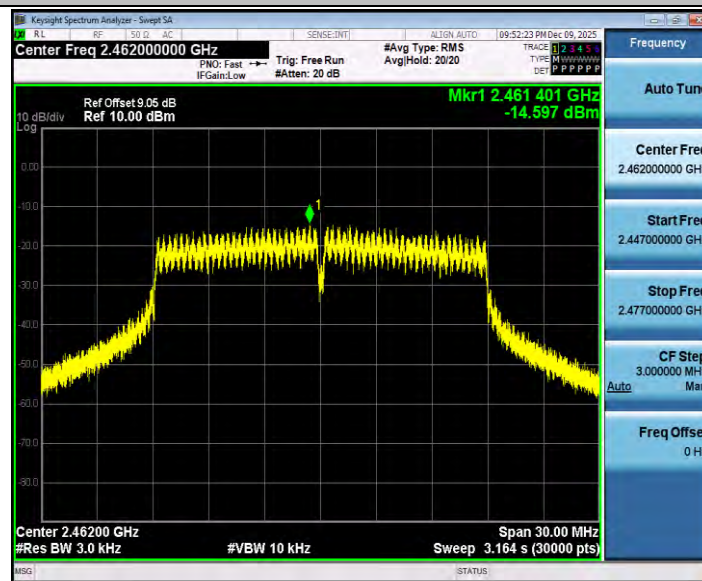
11N20SISO\_Ant1\_2412



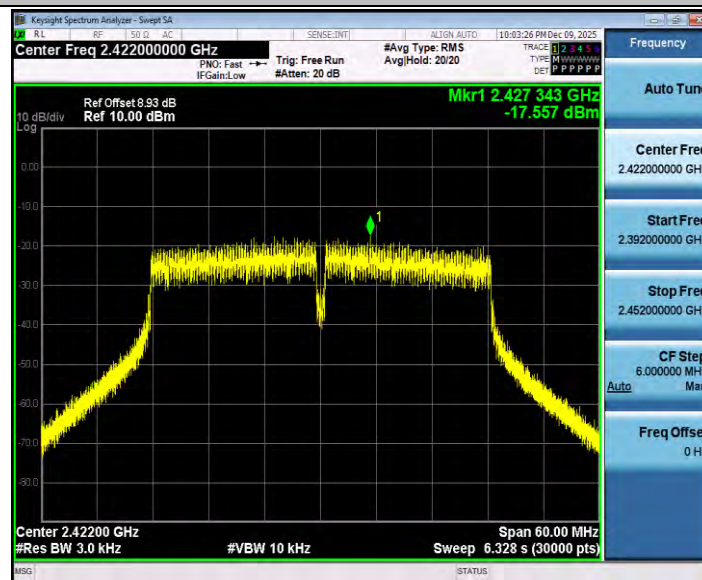
11N20SISO\_Ant1\_2437



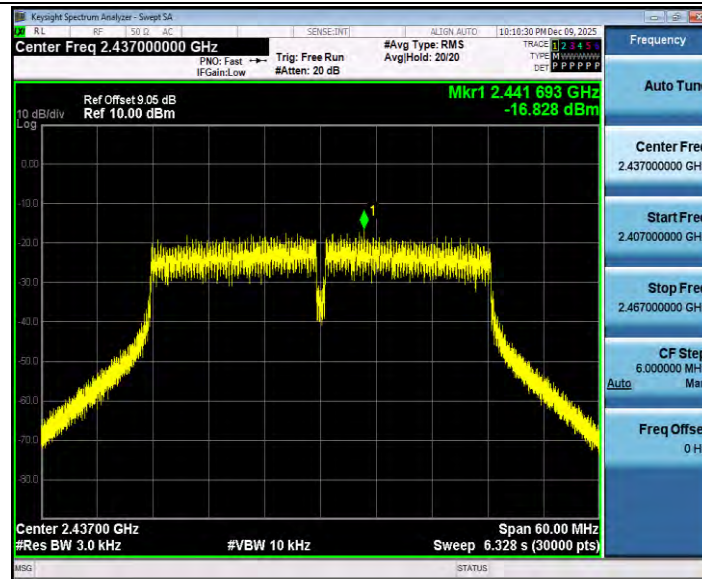
11N20SISO\_Ant1\_2462



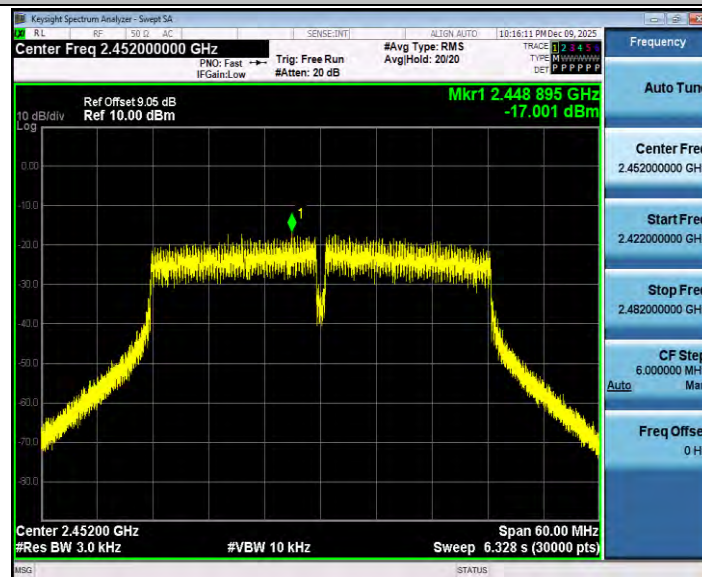
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



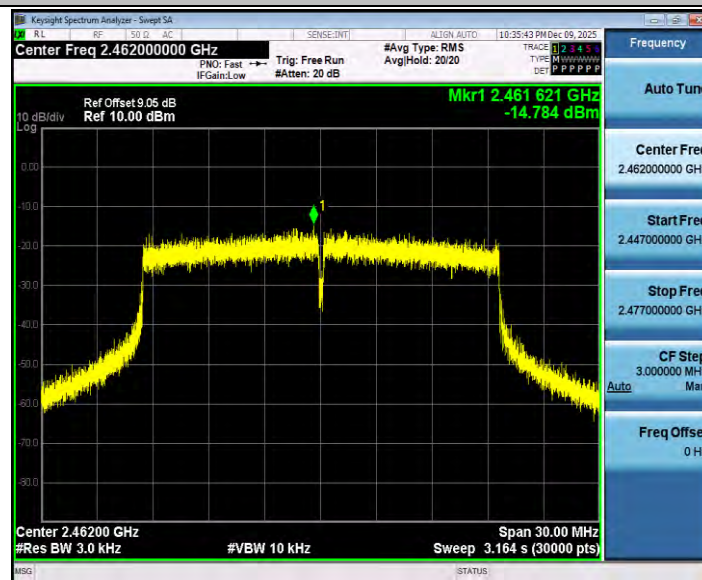
11AX20SISO\_Ant1\_2412



## 11AX20SISO\_Ant1\_2437



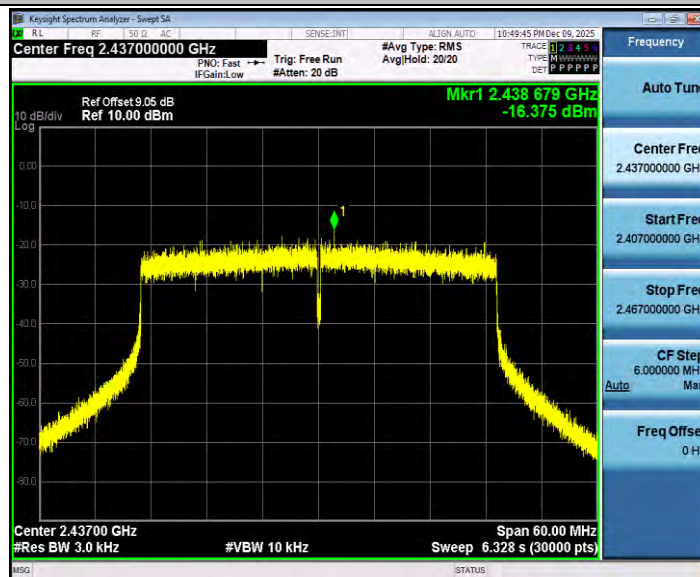
## 11AX20SISO\_Ant1\_2462



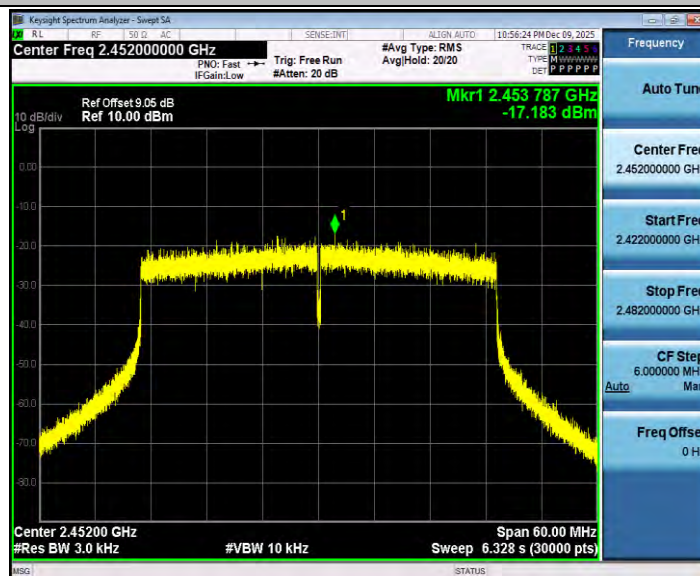
## 11AX40SISO\_Ant1\_2422



11AX40SISO\_Ant1\_2437



11AX40SISO\_Ant1\_2452

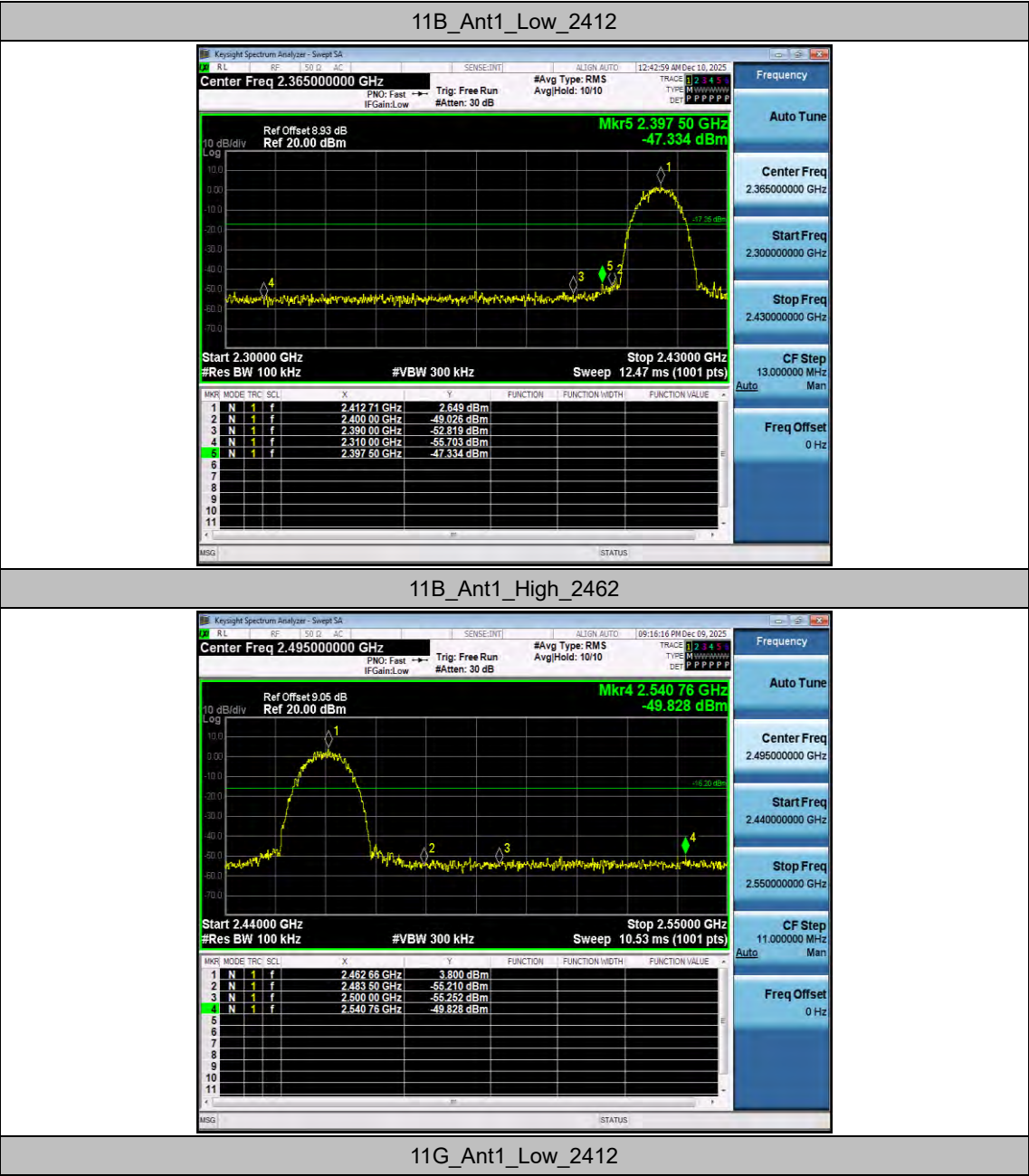


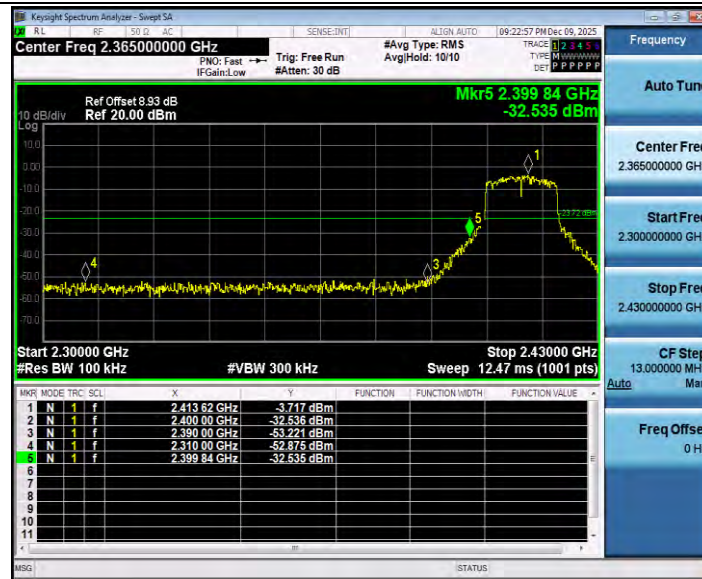
## Appendix C.5:Band edge measurements

### Test Result

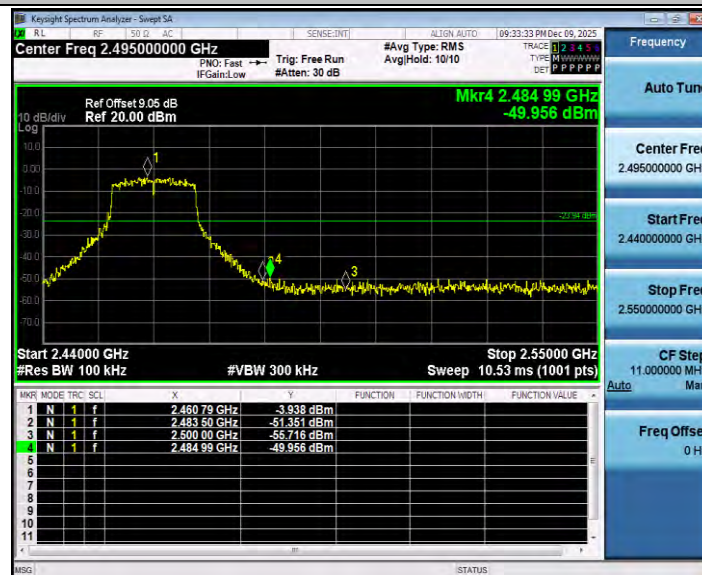
| TestMode   | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|------------|---------|--------|----------------|---------------|-------------|---------------|---------|
| 11B        | Ant1    | Low    | 2412           | 2.65          | -47.33      | $\leq -17.35$ | PASS    |
|            |         | High   | 2462           | 3.80          | -49.83      | $\leq -16.2$  | PASS    |
| 11G        | Ant1    | Low    | 2412           | -3.72         | -32.54      | $\leq -23.72$ | PASS    |
|            |         | High   | 2462           | -3.94         | -49.96      | $\leq -23.94$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 2412           | -4.45         | -31.88      | $\leq -24.45$ | PASS    |
|            |         | High   | 2462           | -3.50         | -49.97      | $\leq -23.5$  | PASS    |
| 11N40SISO  | Ant1    | Low    | 2422           | -5.64         | -35.44      | $\leq -25.64$ | PASS    |
|            |         | High   | 2452           | -5.09         | -49.92      | $\leq -25.09$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 2412           | -0.09         | -33.02      | $\leq -20.09$ | PASS    |
|            |         | High   | 2462           | -1.07         | -49.22      | $\leq -21.07$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 2422           | -4.12         | -35.03      | $\leq -24.12$ | PASS    |
|            |         | High   | 2452           | -3.02         | -49.04      | $\leq -23.02$ | PASS    |

Test Graphs

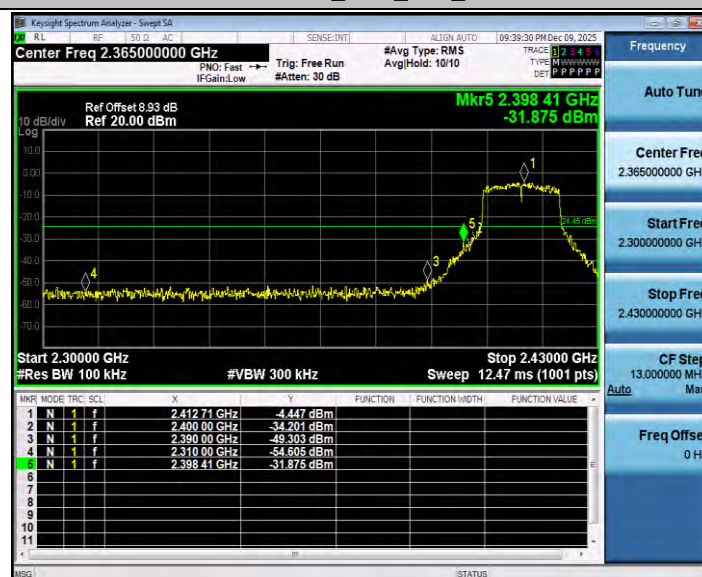


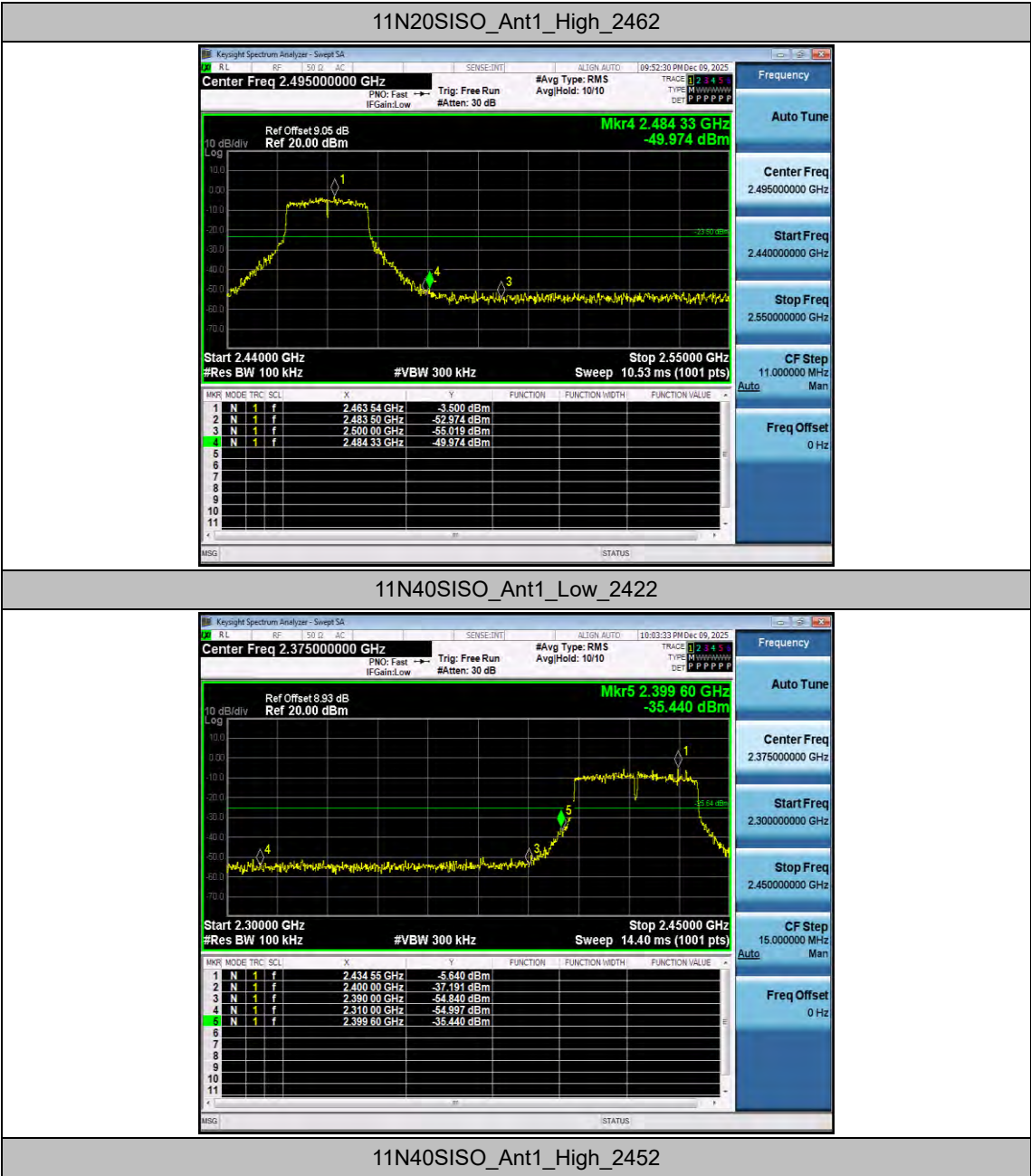


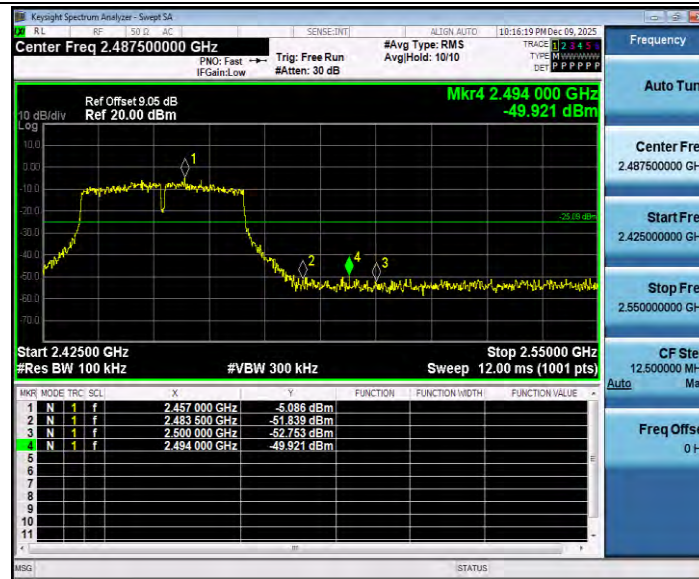
11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



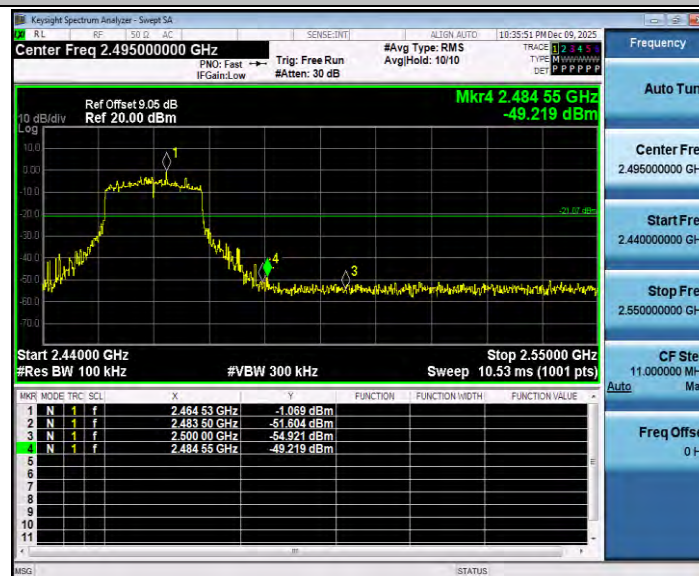




11AX20SISO\_Ant1\_Low\_2412



11AX20SISO\_Ant1\_High\_2462



## 11AX40SISO\_Ant1\_Low\_2422



## 11AX40SISO\_Ant1\_High\_2452

