

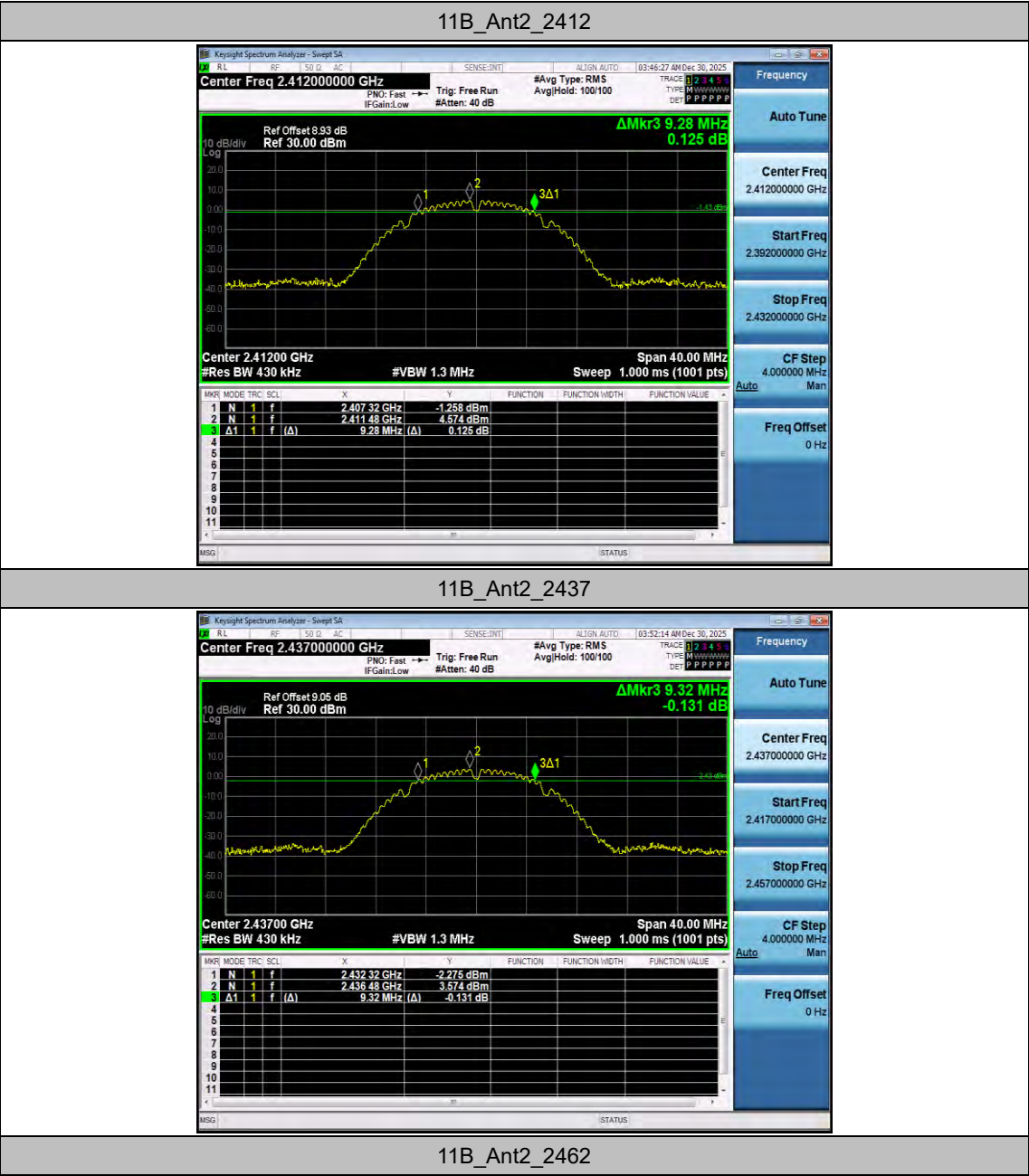
|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20251206005-5-10</u>                                           |
| <b>Ambient Condition:</b> <u>22°C, 49%RH,</u>                                          |
| <b>Test Date:</b> <u>2025.12.15-2026.1.12</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        | Ant2    | 2412           | 9.280        | 2407.320 | 2416.600 | 0.5        | PASS    |
|            |         | 2437           | 9.320        | 2432.320 | 2441.640 | 0.5        | PASS    |
|            |         | 2462           | 9.280        | 2457.320 | 2466.600 | 0.5        | PASS    |
| 11G        | Ant2    | 2412           | 16.320       | 2403.800 | 2420.120 | 0.5        | PASS    |
|            |         | 2437           | 16.240       | 2428.840 | 2445.080 | 0.5        | PASS    |
|            |         | 2462           | 16.520       | 2453.680 | 2470.200 | 0.5        | PASS    |
| 11N20SISO  | Ant2    | 2412           | 17.600       | 2403.120 | 2420.720 | 0.5        | PASS    |
|            |         | 2437           | 17.520       | 2428.160 | 2445.680 | 0.5        | PASS    |
|            |         | 2462           | 17.600       | 2453.120 | 2470.720 | 0.5        | PASS    |
| 11N40SISO  | Ant2    | 2422           | 36.160       | 2403.760 | 2439.920 | 0.5        | PASS    |
|            |         | 2437           | 36.240       | 2418.760 | 2455.000 | 0.5        | PASS    |
|            |         | 2452           | 36.160       | 2433.840 | 2470.000 | 0.5        | PASS    |
| 11AX20SISO | Ant2    | 2412           | 18.520       | 2402.560 | 2421.080 | 0.5        | PASS    |
|            |         | 2437           | 18.800       | 2427.560 | 2446.360 | 0.5        | PASS    |
|            |         | 2462           | 18.720       | 2452.520 | 2471.240 | 0.5        | PASS    |
| 11AX40SISO | Ant2    | 2422           | 37.360       | 2403.120 | 2440.480 | 0.5        | PASS    |
|            |         | 2437           | 37.360       | 2418.200 | 2455.560 | 0.5        | PASS    |
|            |         | 2452           | 37.520       | 2433.200 | 2470.720 | 0.5        | PASS    |

Test Graphs



11B\_Ant2\_2437

Frequency

Auto Tune

Center Freq  
2.43700000 GHzStart Freq  
2.417000000 GHzStop Freq  
2.457000000 GHzCF Step  
4.000000 MHz  
Auto ManFreq Offset  
0 Hz

11B\_Ant2\_2462



11G\_Ant2\_2412



11G\_Ant2\_2437



## 11G\_Ant2\_2462



## 11N20SISO\_Ant2\_2412



## 11N20SISO\_Ant2\_2437



11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422







11AX20SISO\_Ant2\_2437



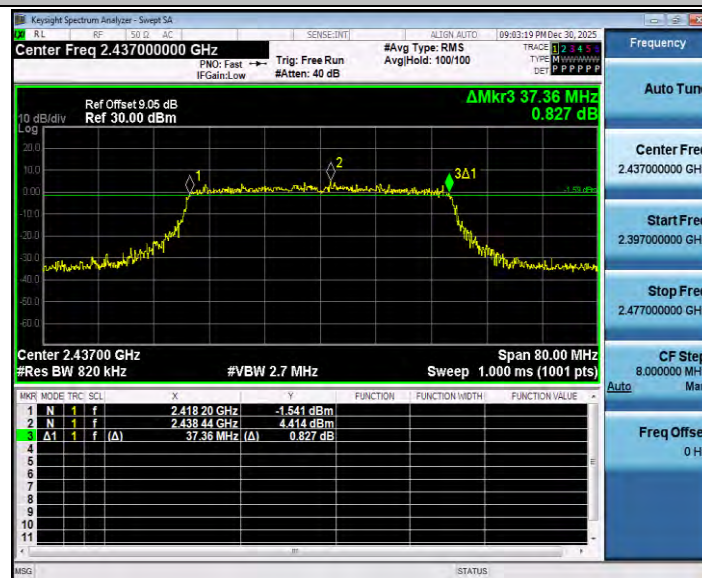
11AX20SISO\_Ant2\_2462



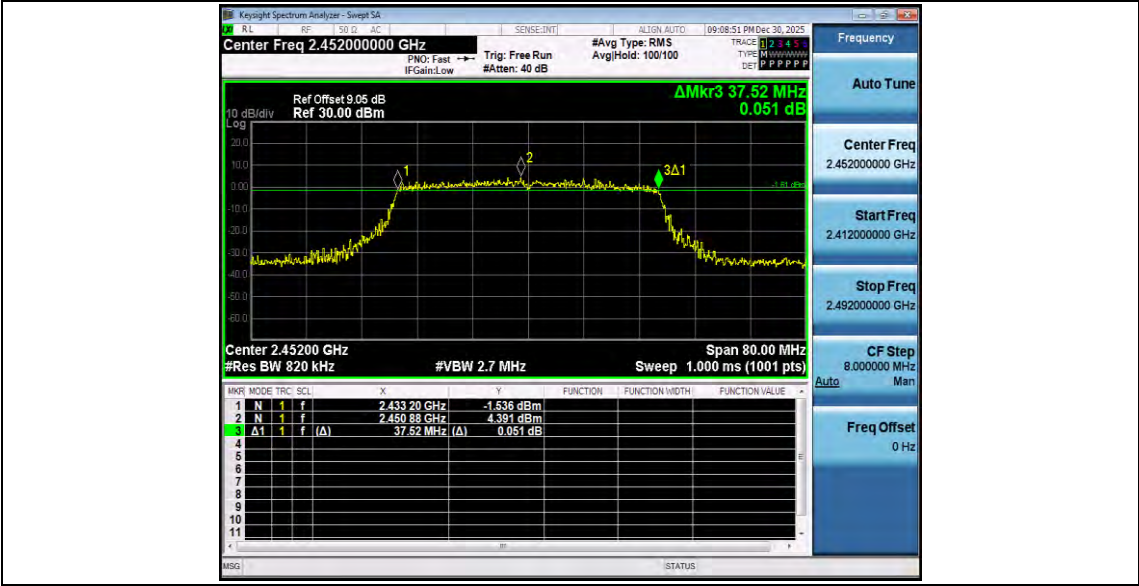
## 11AX40SISO\_Ant2\_2422



## 11AX40SISO\_Ant2\_2437



## 11AX40SISO\_Ant2\_2452



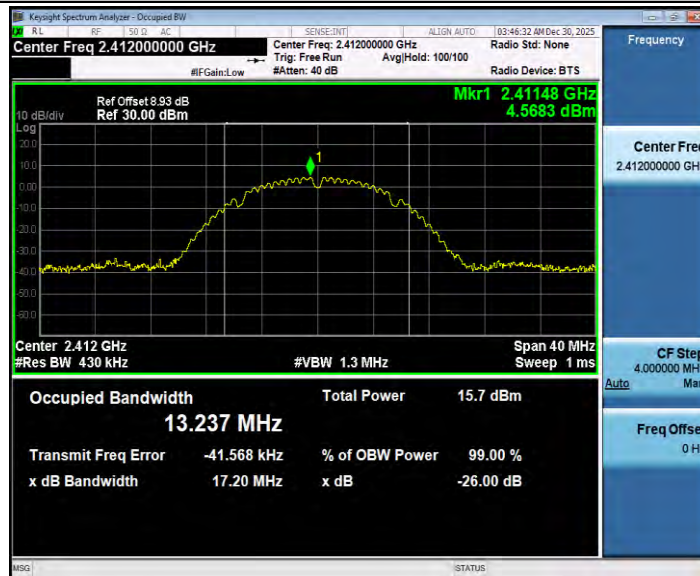
## Appendix C.2: Occupied Channel Bandwidth

### Test Result

| TestMode   | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B        | Ant2    | 2412                   | 13.237    | 2405.3399 | 2418.5769 | ---        | ---     |
|            |         | 2437                   | 13.305    | 2430.3514 | 2443.6564 | ---        | ---     |
|            |         | 2462                   | 13.298    | 2455.3141 | 2468.6121 | ---        | ---     |
| 11G        | Ant2    | 2412                   | 17.350    | 2403.1801 | 2420.5301 | ---        | ---     |
|            |         | 2437                   | 17.361    | 2428.2402 | 2445.6012 | ---        | ---     |
|            |         | 2462                   | 17.284    | 2453.1981 | 2470.4821 | ---        | ---     |
| 11N20SISO  | Ant2    | 2412                   | 18.540    | 2402.6182 | 2421.1582 | ---        | ---     |
|            |         | 2437                   | 18.433    | 2427.7383 | 2446.1713 | ---        | ---     |
|            |         | 2462                   | 18.524    | 2452.6171 | 2471.1411 | ---        | ---     |
| 11N40SISO  | Ant2    | 2422                   | 36.792    | 2403.4425 | 2440.2345 | ---        | ---     |
|            |         | 2437                   | 36.828    | 2418.5253 | 2455.3533 | ---        | ---     |
|            |         | 2452                   | 36.690    | 2433.5476 | 2470.2376 | ---        | ---     |
| 11AX20SISO | Ant2    | 2412                   | 19.346    | 2402.2945 | 2421.6405 | ---        | ---     |
|            |         | 2437                   | 19.350    | 2427.2947 | 2446.6447 | ---        | ---     |
|            |         | 2462                   | 19.225    | 2452.3315 | 2471.5565 | ---        | ---     |
| 11AX40SISO | Ant2    | 2422                   | 38.061    | 2402.8828 | 2440.9438 | ---        | ---     |
|            |         | 2437                   | 38.008    | 2417.9361 | 2455.9441 | ---        | ---     |
|            |         | 2452                   | 37.912    | 2432.9797 | 2470.8917 | ---        | ---     |

## Test Graphs

11B\_Ant2\_2412



11B\_Ant2\_2437



11B\_Ant2\_2462



11G\_Ant2\_2412



11G\_Ant2\_2437



## 11G\_Ant2\_2462



## 11N20SISO\_Ant2\_2412



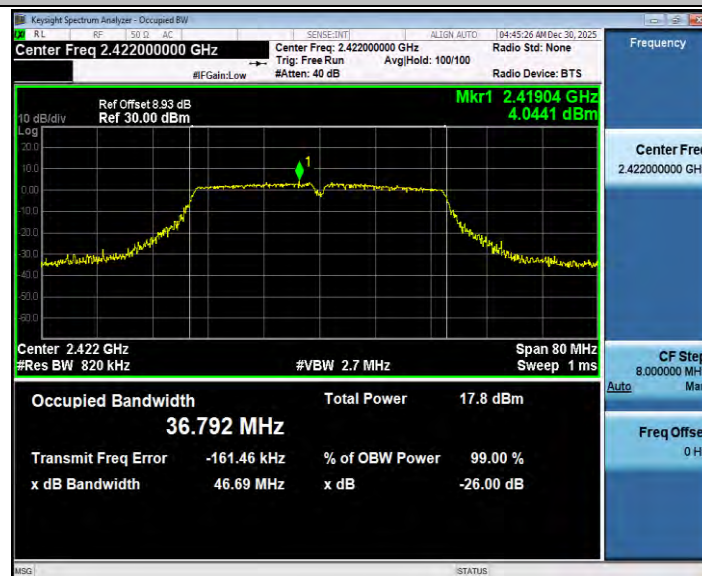
## 11N20SISO\_Ant2\_2437



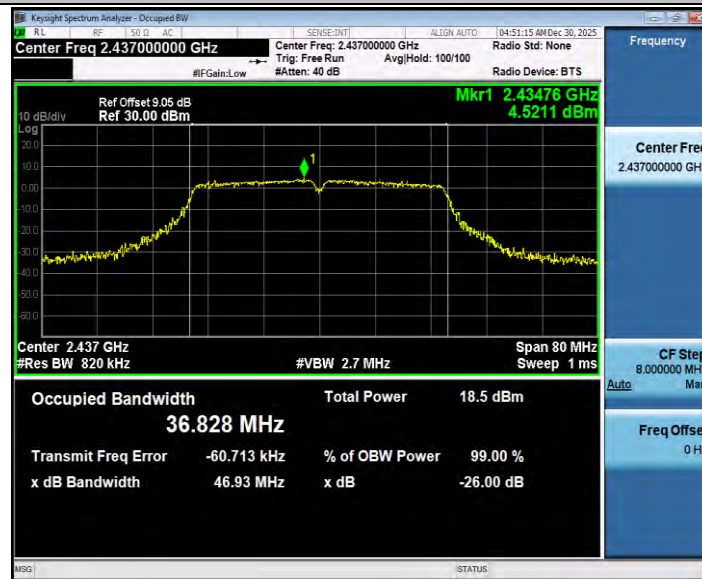
11N20SISO\_Ant2\_2462



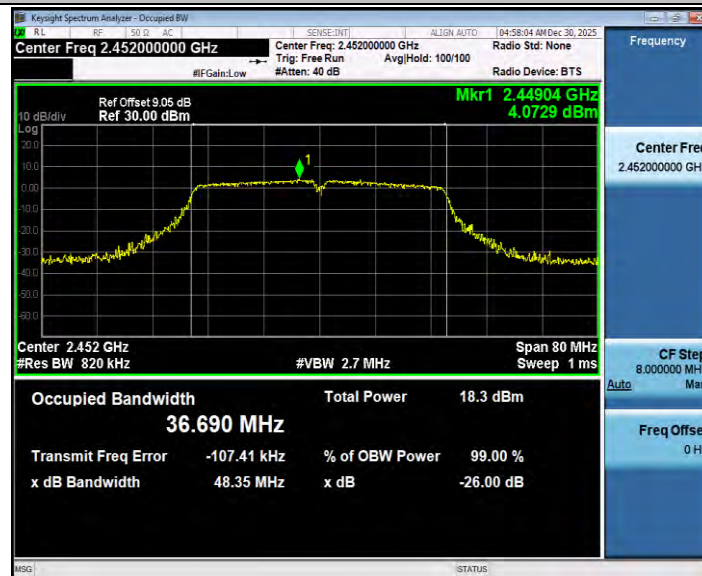
11N40SISO\_Ant2\_2422



## 11N40SISO\_Ant2\_2437



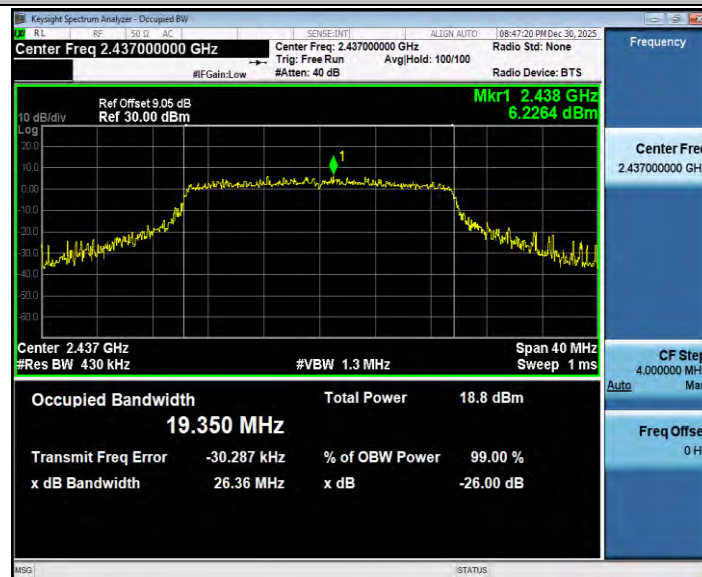
## 11N40SISO\_Ant2\_2452



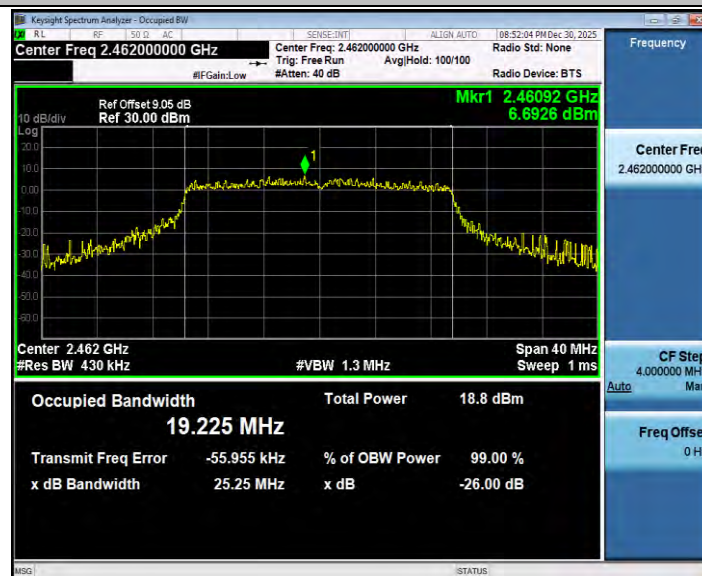
## 11AX20SISO\_Ant2\_2412



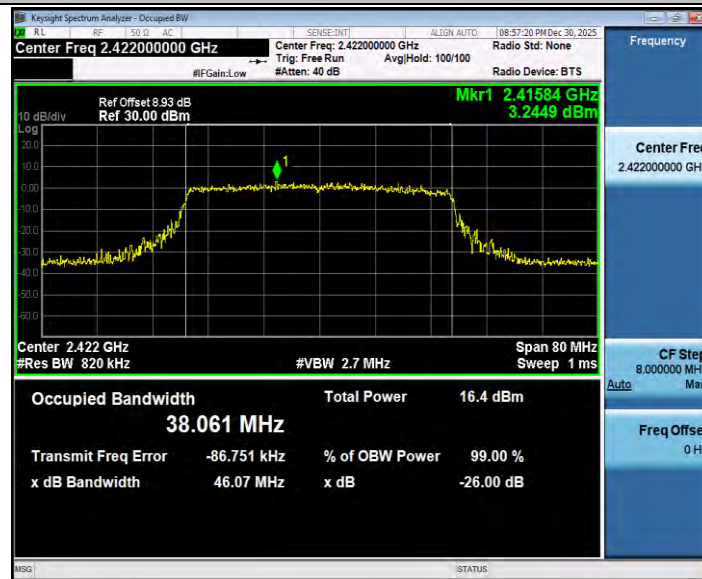
11AX20ISO\_Ant2\_2437



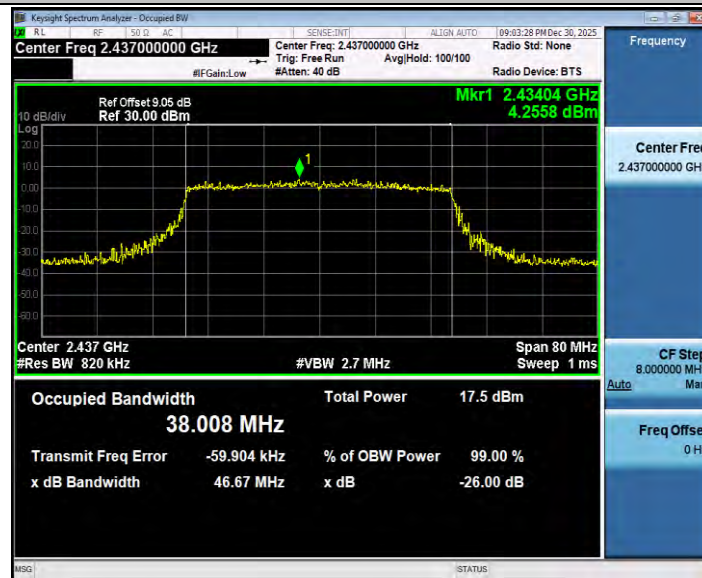
11AX20ISO\_Ant2\_2462



## 11AX40SISO\_Ant2\_2422



## 11AX40SISO\_Ant2\_2437



## 11AX40SISO\_Ant2\_2452



## Appendix C.3: Maximum conducted output power

### Test Result

| TestMode   | Antenna | Frequency [MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|------------------|-------------|---------|
| 11B        | Ant2    | 2412            | 15.75            | ≤30.00      | PASS    |
|            |         | 2437            | 14.78            | ≤30.00      | PASS    |
|            |         | 2462            | 15.09            | ≤30.00      | PASS    |
| 11G        | Ant2    | 2412            | 18.56            | ≤30.00      | PASS    |
|            |         | 2437            | 18.92            | ≤30.00      | PASS    |
|            |         | 2462            | 18.90            | ≤30.00      | PASS    |
| 11N20SISO  | Ant2    | 2412            | 18.44            | ≤30.00      | PASS    |
|            |         | 2437            | 18.90            | ≤30.00      | PASS    |
|            |         | 2462            | 18.88            | ≤30.00      | PASS    |
| 11N40SISO  | Ant2    | 2422            | 18.22            | ≤30.00      | PASS    |
|            |         | 2437            | 18.83            | ≤30.00      | PASS    |
|            |         | 2452            | 18.49            | ≤30.00      | PASS    |
| 11AX20SISO | Ant2    | 2412            | 19.37            | ≤30.00      | PASS    |
|            |         | 2437            | 19.34            | ≤30.00      | PASS    |
|            |         | 2462            | 19.21            | ≤30.00      | PASS    |
| 11AX40SISO | Ant2    | 2422            | 16.57            | ≤30.00      | PASS    |
|            |         | 2437            | 17.58            | ≤30.00      | PASS    |
|            |         | 2452            | 17.25            | ≤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        | Ant2    | 2412           | -9.28                | ≤8.00           | PASS    |
|            |         | 2437           | -10.31               | ≤8.00           | PASS    |
|            |         | 2462           | -10.74               | ≤8.00           | PASS    |
| 11G        | Ant2    | 2412           | -13.31               | ≤8.00           | PASS    |
|            |         | 2437           | -12.65               | ≤8.00           | PASS    |
|            |         | 2462           | -13.09               | ≤8.00           | PASS    |
| 11N20SISO  | Ant2    | 2412           | -13.53               | ≤8.00           | PASS    |
|            |         | 2437           | -13.00               | ≤8.00           | PASS    |
|            |         | 2462           | -12.46               | ≤8.00           | PASS    |
| 11N40SISO  | Ant2    | 2422           | -16.22               | ≤8.00           | PASS    |
|            |         | 2437           | -14.74               | ≤8.00           | PASS    |
|            |         | 2452           | -15.51               | ≤8.00           | PASS    |
| 11AX20SISO | Ant2    | 2412           | -13.57               | ≤8.00           | PASS    |
|            |         | 2437           | -14.13               | ≤8.00           | PASS    |
|            |         | 2462           | -14.61               | ≤8.00           | PASS    |
| 11AX40SISO | Ant2    | 2422           | -19.32               | ≤8.00           | PASS    |
|            |         | 2437           | -18.04               | ≤8.00           | PASS    |
|            |         | 2452           | -18.42               | ≤8.00           | PASS    |

## Test Graphs

11B\_Ant2\_2412



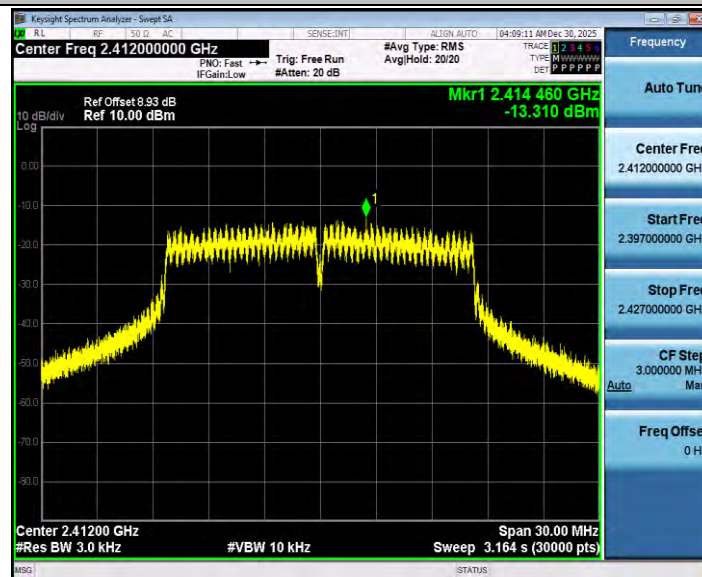
11B\_Ant2\_2437



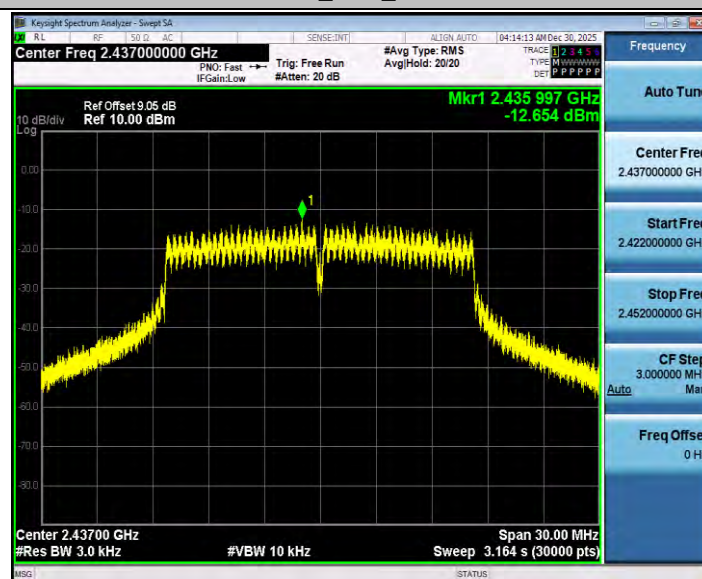
11B\_Ant2\_2462



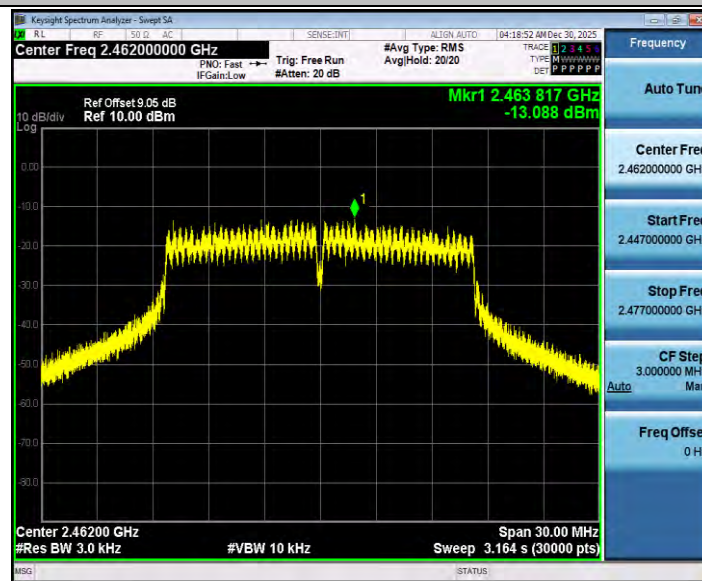
11G\_Ant2\_2412



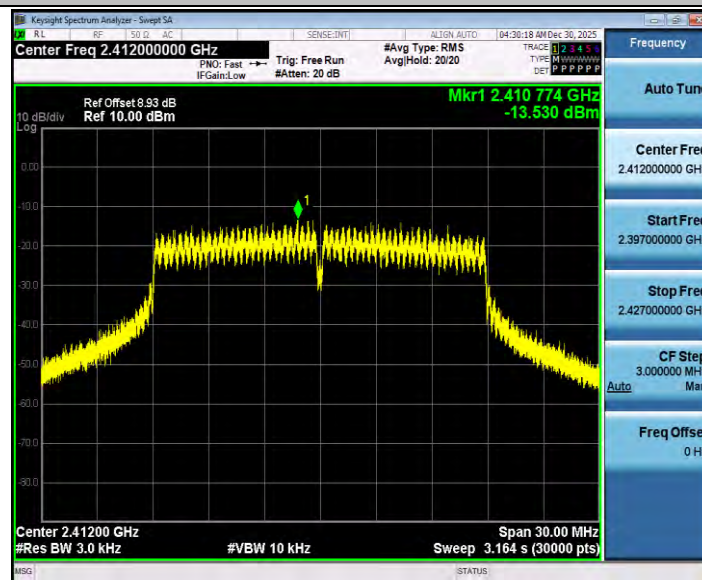
11G\_Ant2\_2437



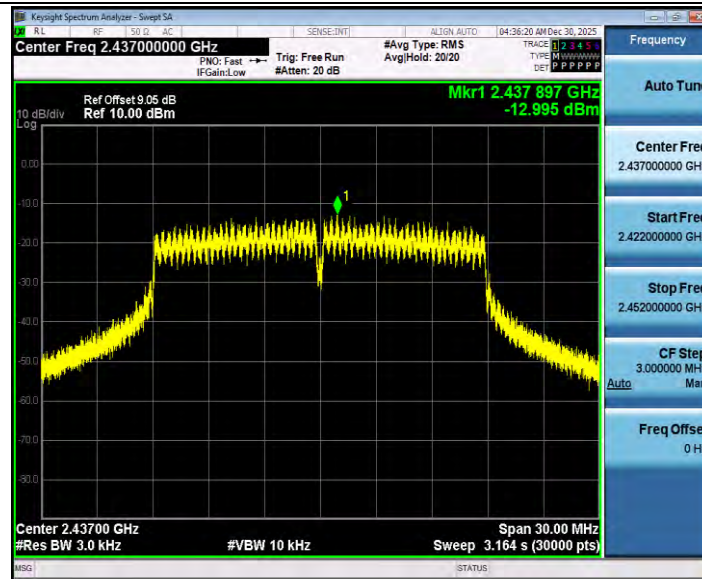
## 11G\_Ant2\_2462



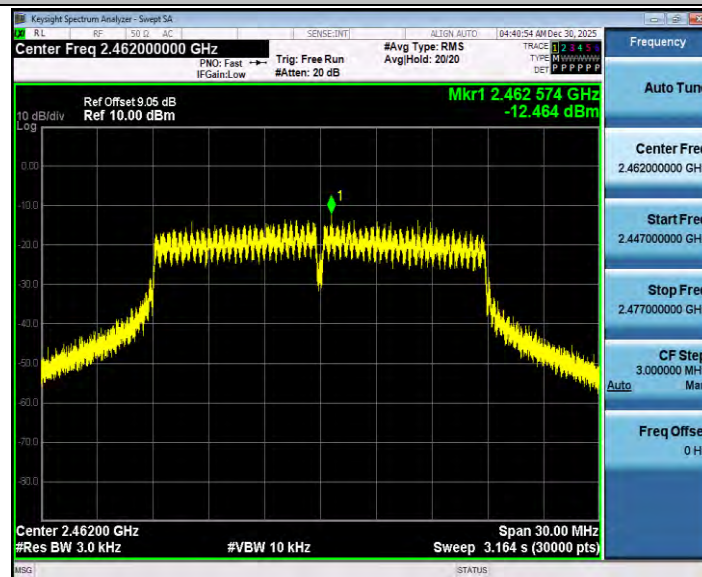
## 11N20SISO\_Ant2\_2412



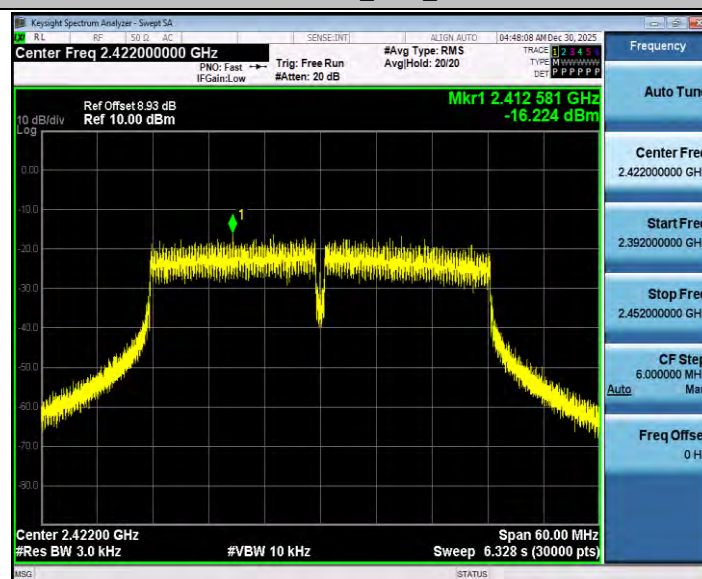
## 11N20SISO\_Ant2\_2437



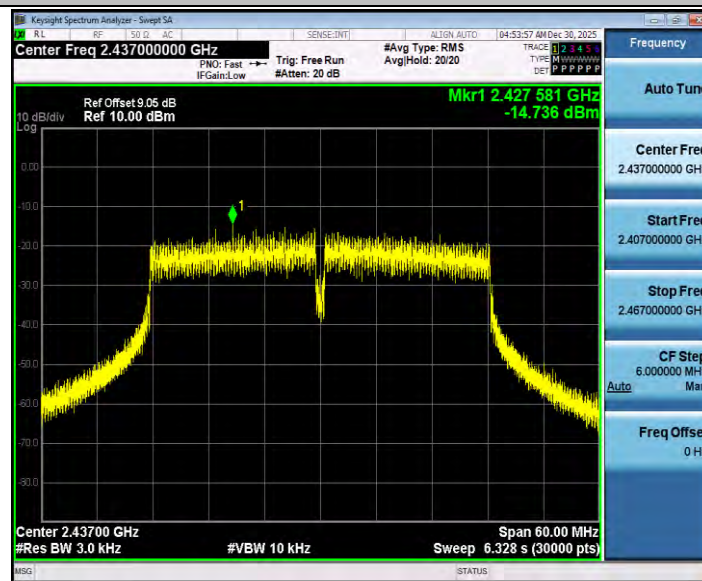
11N20SISO\_Ant2\_2462



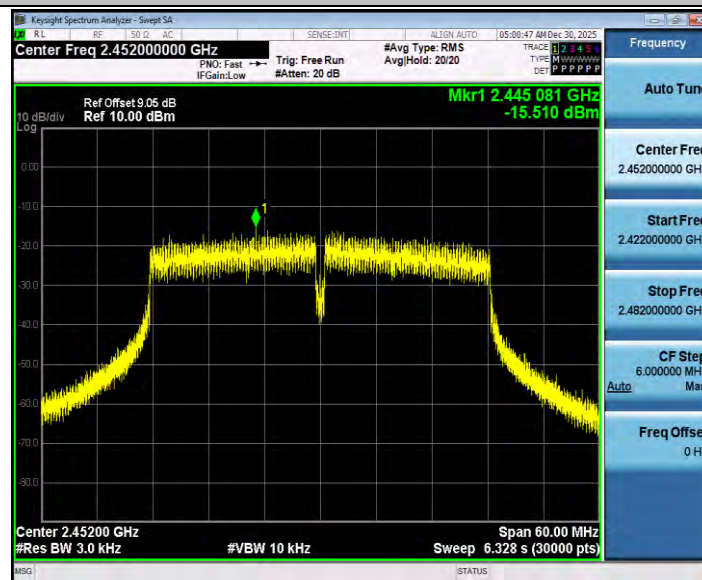
11N40SISO\_Ant2\_2422



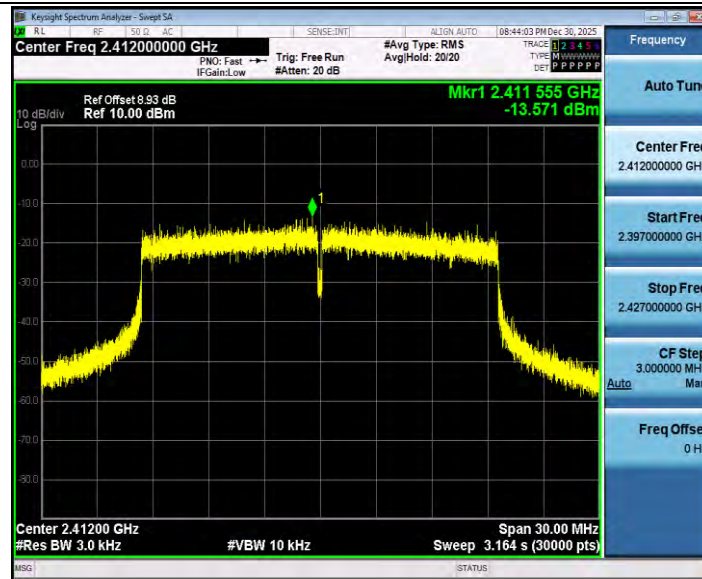
11N40SISO\_Ant2\_2437



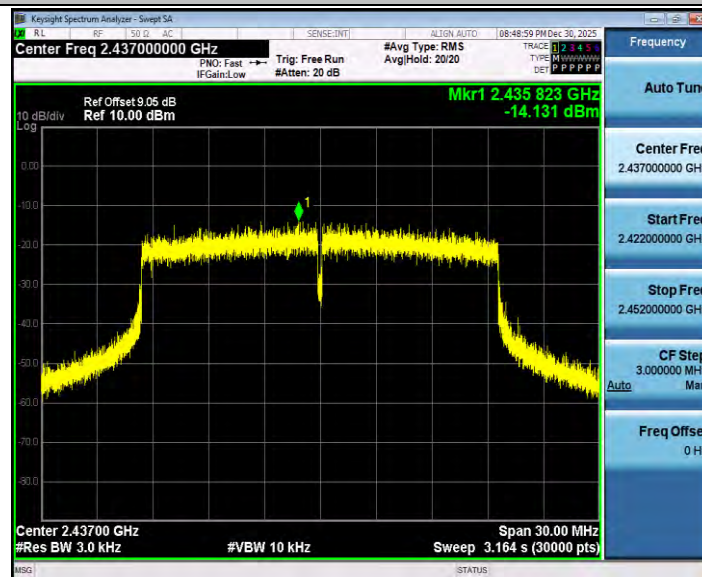
11N40SISO\_Ant2\_2452



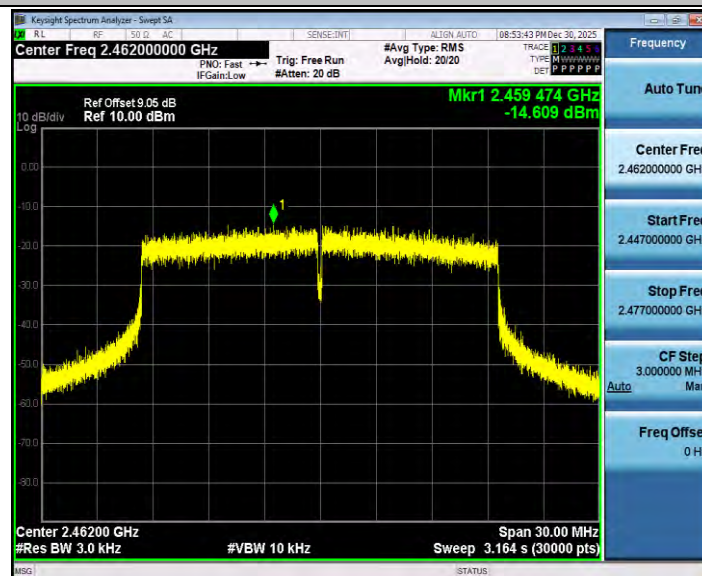
11AX20SISO\_Ant2\_2412



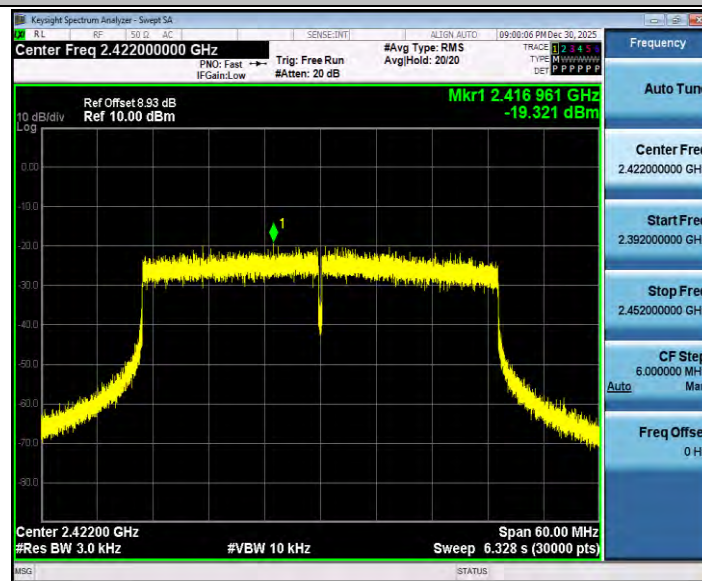
11AX20ISO\_Ant2\_2437



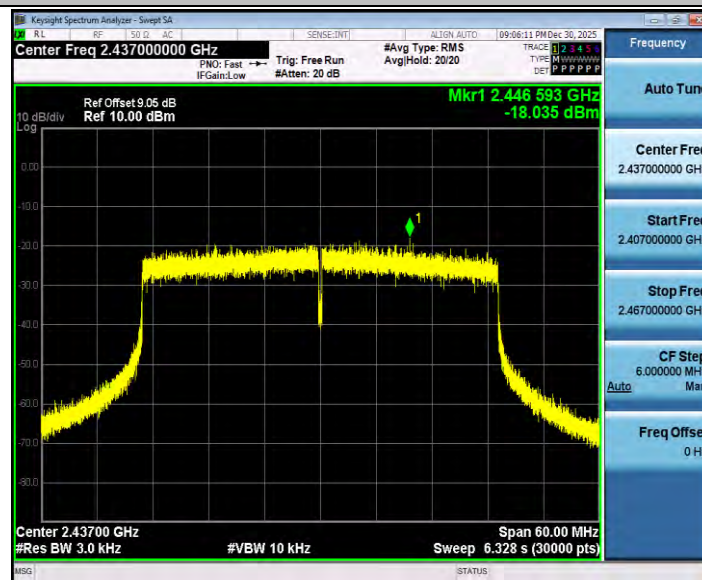
11AX20ISO\_Ant2\_2462



11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant2\_2452

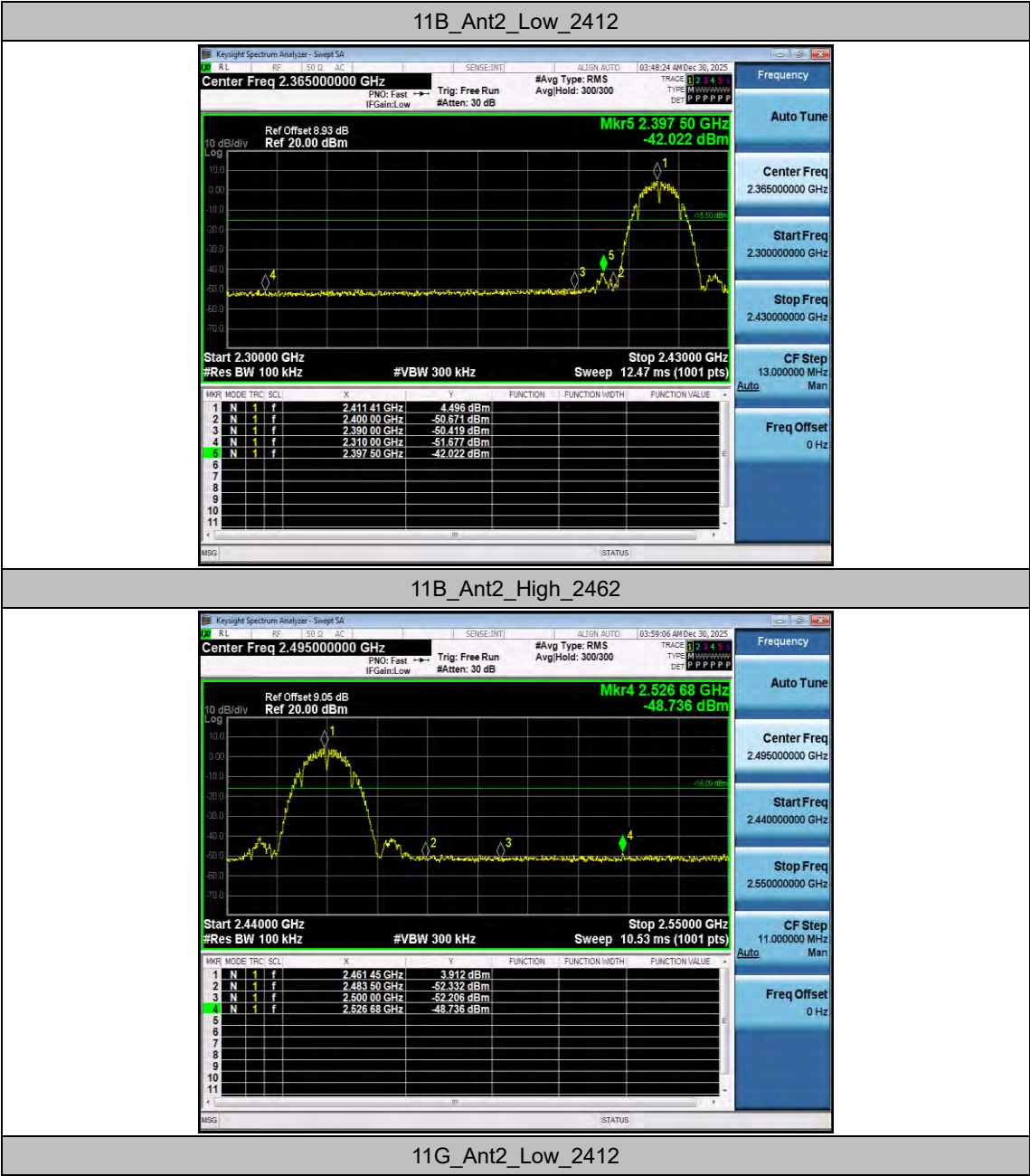


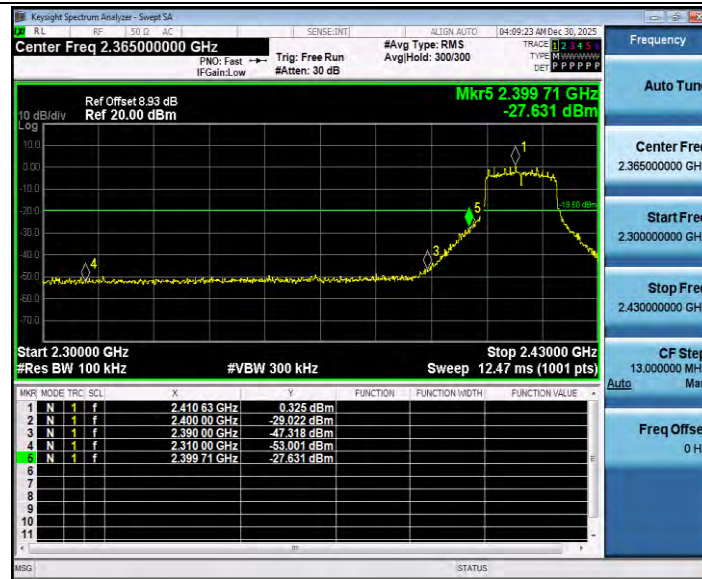
## Appendix C.5:Band edge measurements

### Test Result

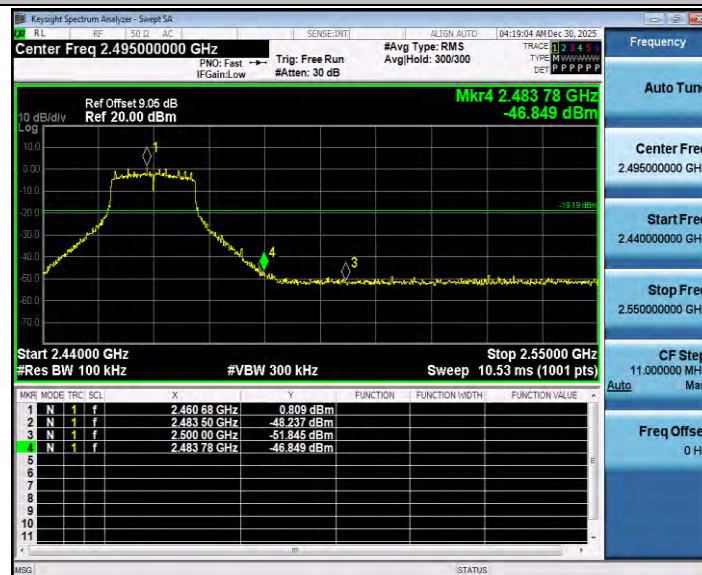
| TestMode   | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|----------------|---------------|-------------|------------|---------|
| 11B        | Ant2    | Low    | 2412           | 4.50          | -42.02      | ≤-15.5     | PASS    |
|            |         | High   | 2462           | 3.91          | -48.74      | ≤-16.09    | PASS    |
| 11G        | Ant2    | Low    | 2412           | 0.33          | -27.63      | ≤-19.68    | PASS    |
|            |         | High   | 2462           | 0.81          | -46.85      | ≤-19.19    | PASS    |
| 11N20SISO  | Ant2    | Low    | 2412           | -0.15         | -27.86      | ≤-20.15    | PASS    |
|            |         | High   | 2462           | 1.31          | -46.49      | ≤-18.69    | PASS    |
| 11N40SISO  | Ant2    | Low    | 2422           | -2.60         | -32         | ≤-22.6     | PASS    |
|            |         | High   | 2452           | -2.41         | -43.07      | ≤-22.41    | PASS    |
| 11AX20SISO | Ant2    | Low    | 2412           | 1.22          | -28.86      | ≤-18.78    | PASS    |
|            |         | High   | 2462           | 0.94          | -45.13      | ≤-19.06    | PASS    |
| 11AX40SISO | Ant2    | Low    | 2422           | -4.71         | -34.73      | ≤-24.71    | PASS    |
|            |         | High   | 2452           | -3.75         | -47.41      | ≤-23.75    | PASS    |

Test Graphs

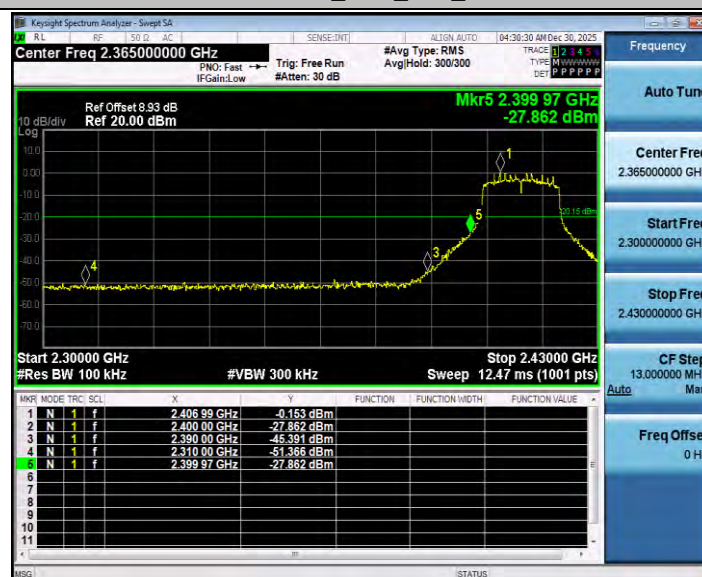




11G\_Ant2\_High\_2462



11N20SISO\_Ant2\_Low\_2412



## 11N20SISO\_Ant2\_High\_2462



## 11N40SISO\_Ant2\_Low\_2422



## 11N40SISO\_Ant2\_High\_2452



11AX20SISO\_Ant2\_Low\_2412



11AX20SISO\_Ant2\_High\_2462



## 11AX40SISO\_Ant2\_Low\_2422



## 11AX40SISO\_Ant2\_High\_2452

