

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20241125007-1-02</u>                                            |
| <b>Ambient Condition:</b> <u>23℃,47%RH,</u>                                             |
| <b>Test Date:</b> <u>2025.11.14-2025.11.24</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

## AppendixB.1: DTS Bandwidth

### Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 10.320       | 2406.640 | 2416.960 | 0.5        | PASS    |
|           |         | 2437           | 10.360       | 2431.640 | 2442.000 | 0.5        | PASS    |
|           |         | 2462           | 10.360       | 2456.640 | 2467.000 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 16.320       | 2403.520 | 2419.840 | 0.5        | PASS    |
|           |         | 2437           | 15.920       | 2428.880 | 2444.800 | 0.5        | PASS    |
|           |         | 2462           | 15.960       | 2453.880 | 2469.840 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 17.240       | 2403.240 | 2420.480 | 0.5        | PASS    |
|           |         | 2437           | 17.320       | 2428.160 | 2445.480 | 0.5        | PASS    |
|           |         | 2462           | 17.280       | 2453.080 | 2470.360 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422           | 36.000       | 2403.840 | 2439.840 | 0.5        | PASS    |
|           |         | 2437           | 35.840       | 2419.000 | 2454.840 | 0.5        | PASS    |
|           |         | 2452           | 35.760       | 2434.000 | 2469.760 | 0.5        | PASS    |

Test Graphs

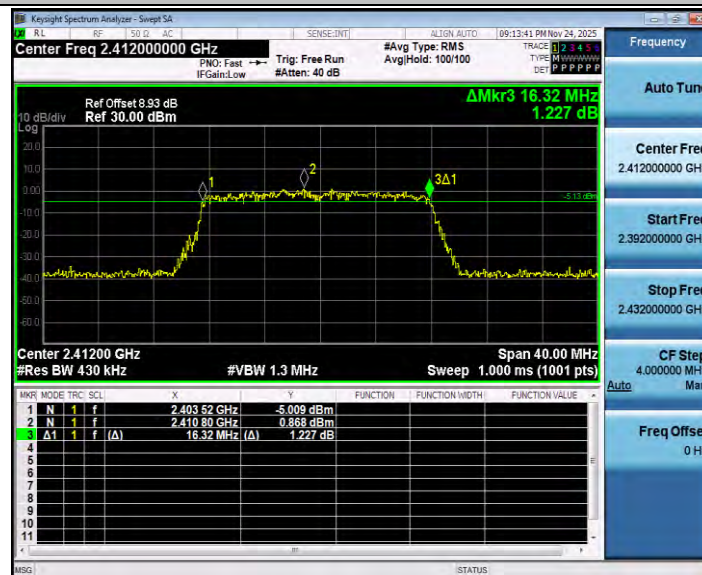


11B\_Ant1\_2437

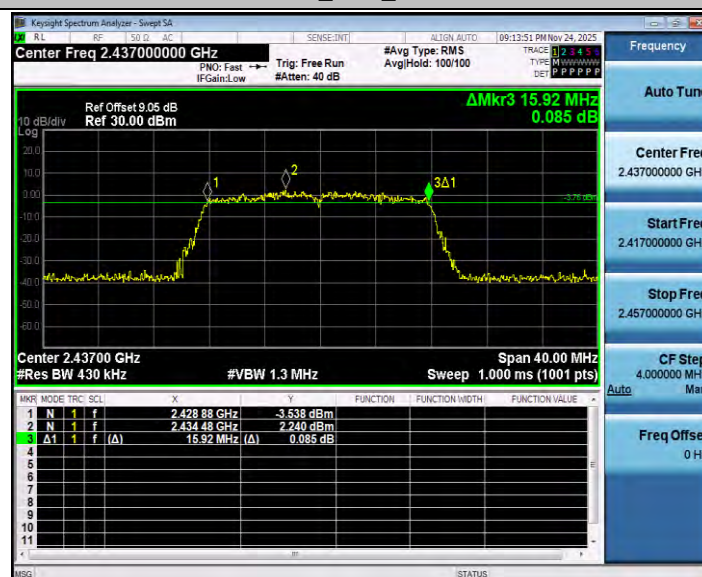
11B\_Ant1\_2462



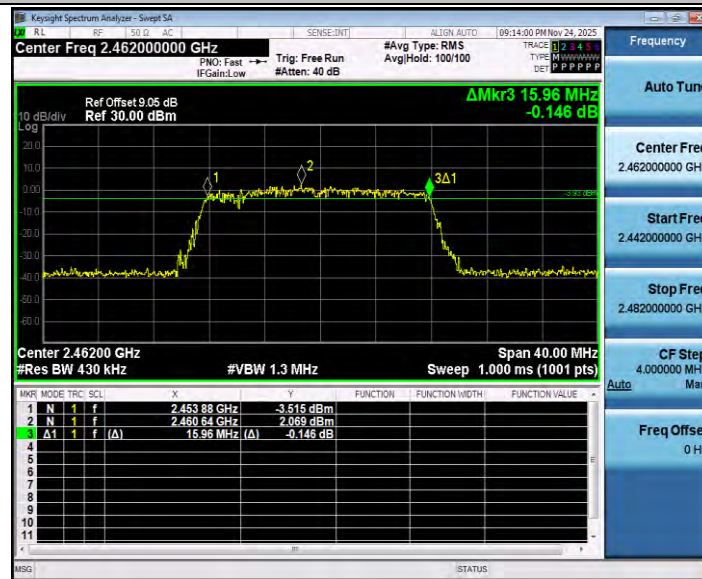
11G\_Ant1\_2412



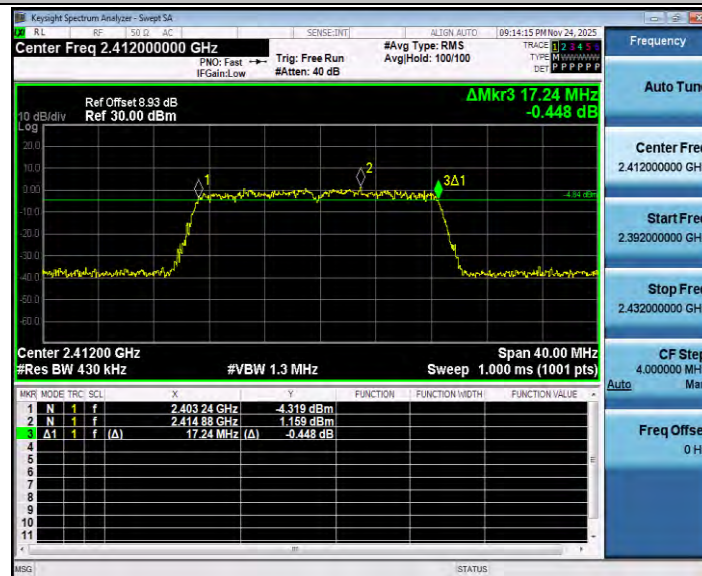
11G\_Ant1\_2437



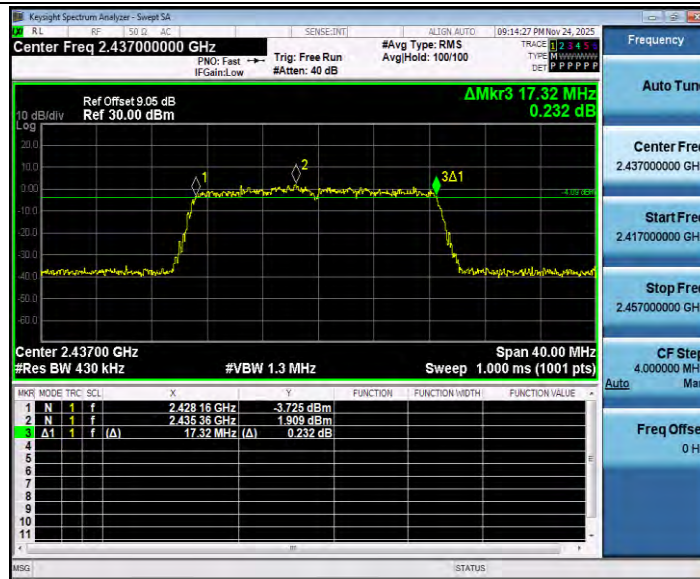
## 11G\_Ant1\_2462



## 11N20SISO\_Ant1\_2412



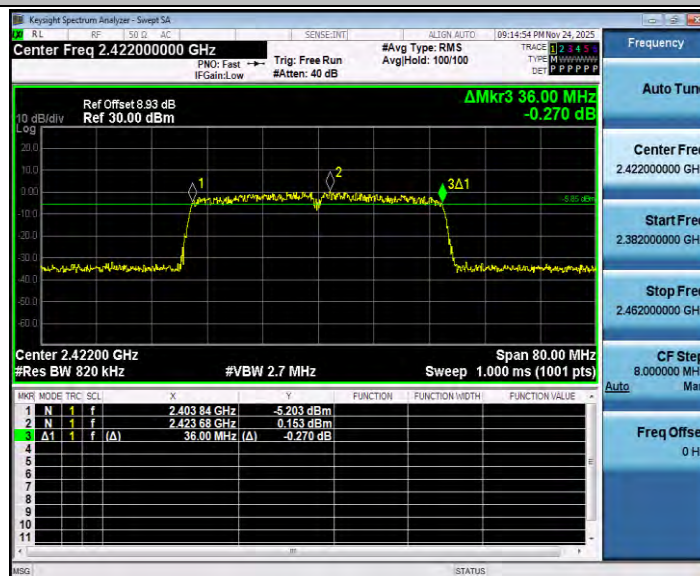
## 11N20SISO\_Ant1\_2437



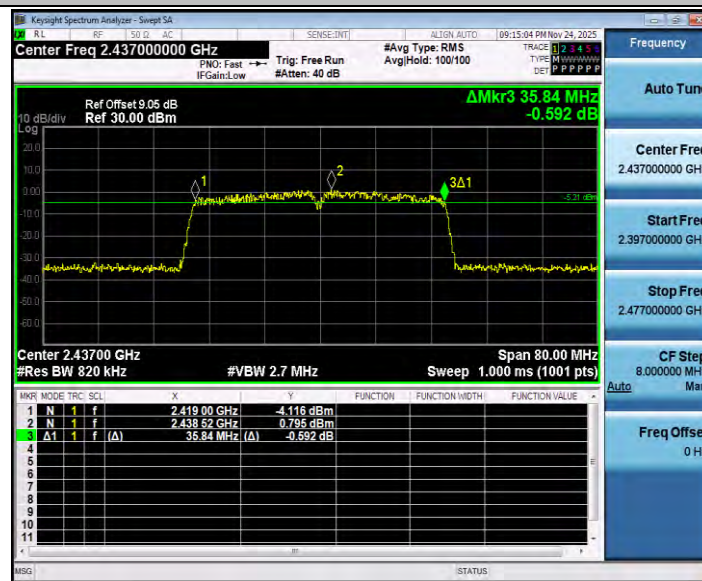
11N20SISO\_Ant1\_2462



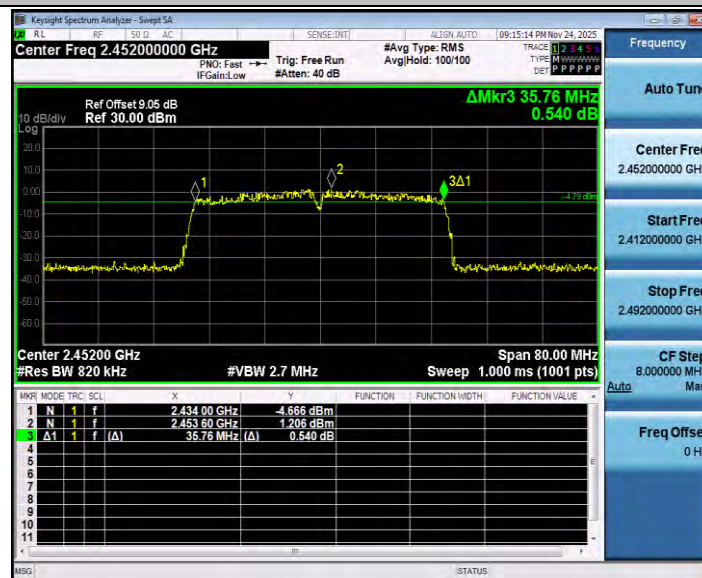
11N40SISO\_Ant1\_2422



## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452



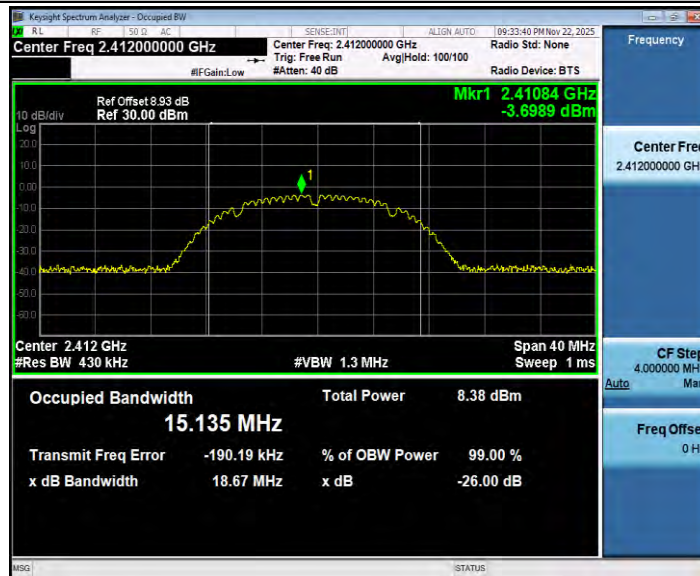
## AppendixB.2: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|--------------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                      | 15.135       | 2404.2423 | 2419.3773 | ---        | ---     |
|           |         | 2437                      | 15.176       | 2429.2487 | 2444.4247 | ---        | ---     |
|           |         | 2462                      | 15.125       | 2454.2479 | 2469.3729 | ---        | ---     |
| 11G       | Ant1    | 2412                      | 16.407       | 2403.5928 | 2419.9998 | ---        | ---     |
|           |         | 2437                      | 16.459       | 2428.5505 | 2445.0095 | ---        | ---     |
|           |         | 2462                      | 16.407       | 2453.5745 | 2469.9815 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                      | 17.542       | 2403.0333 | 2420.5753 | ---        | ---     |
|           |         | 2437                      | 17.569       | 2428.0291 | 2445.5981 | ---        | ---     |
|           |         | 2462                      | 17.573       | 2453.0153 | 2470.5883 | ---        | ---     |
| 11N40SISO | Ant1    | 2422                      | 36.137       | 2403.7880 | 2439.9250 | ---        | ---     |
|           |         | 2437                      | 36.193       | 2418.7191 | 2454.9121 | ---        | ---     |
|           |         | 2452                      | 36.161       | 2433.7698 | 2469.9308 | ---        | ---     |

## Test Graphs

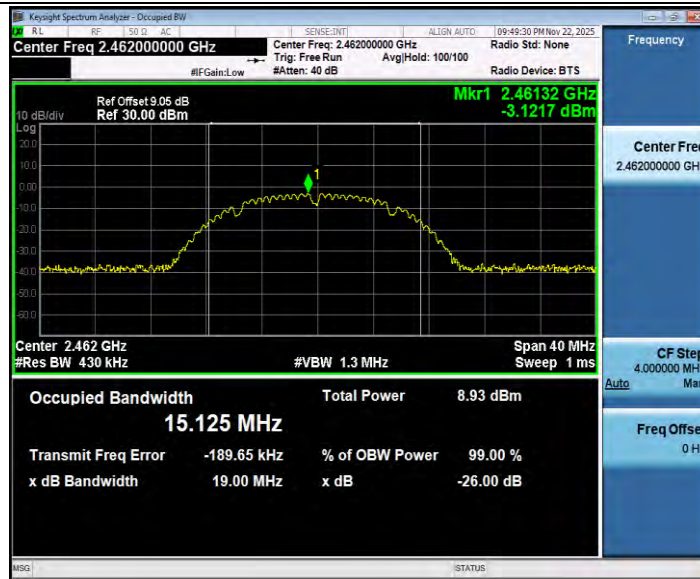
11B\_Ant1\_2412



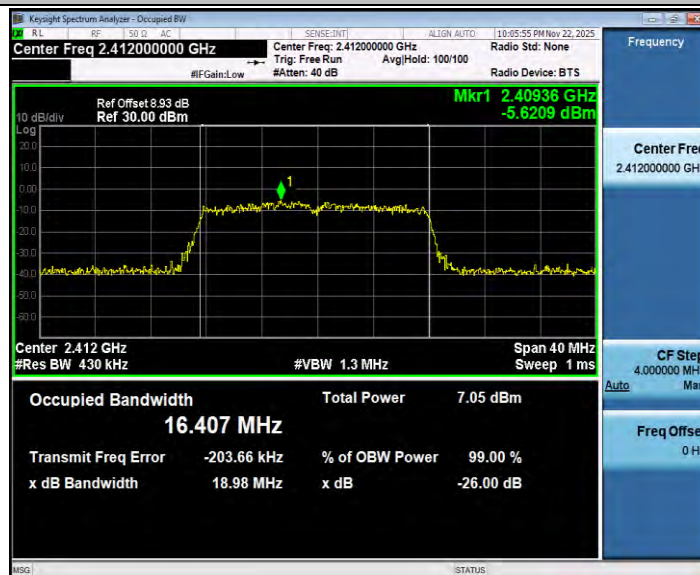
11B\_Ant1\_2437



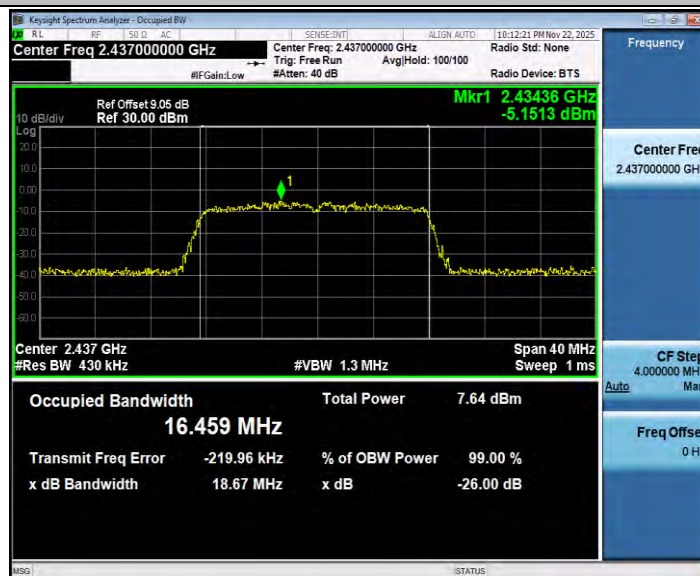
11B\_Ant1\_2462



11G\_Ant1\_2412



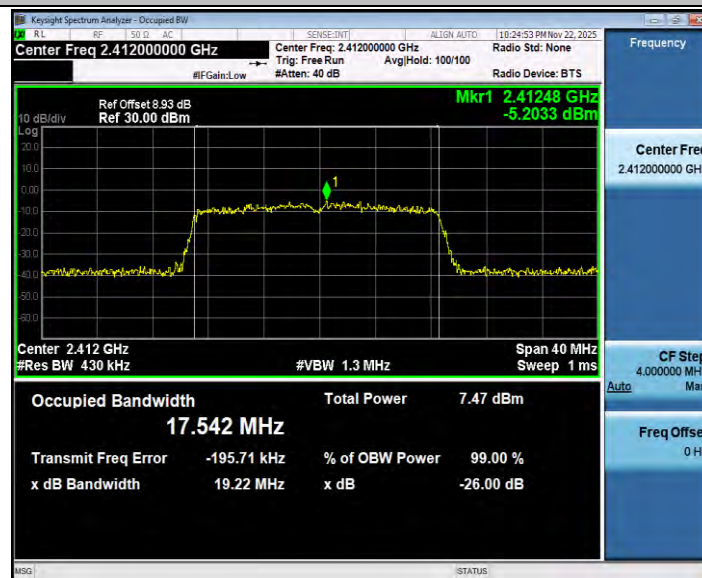
11G\_Ant1\_2437



## 11G\_Ant1\_2462



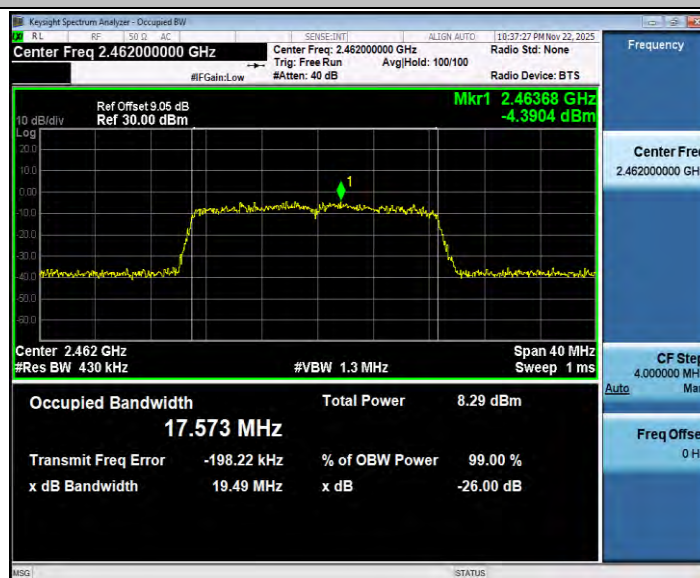
## 11N20SISO\_Ant1\_2412



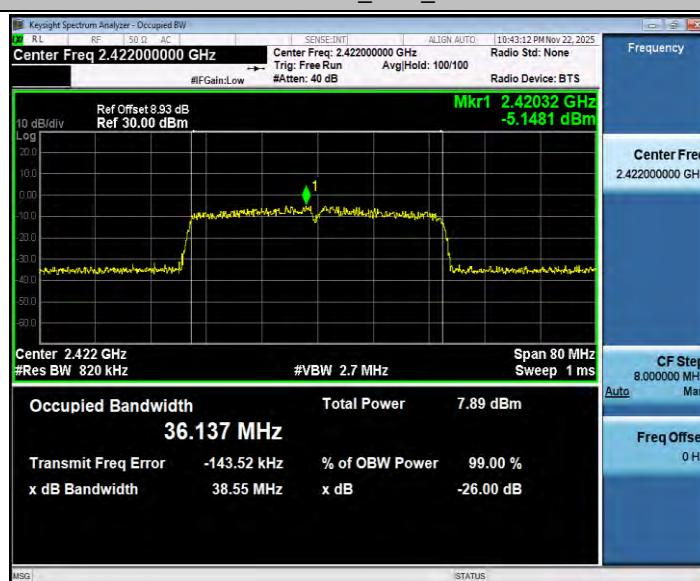
## 11N20SISO\_Ant1\_2437



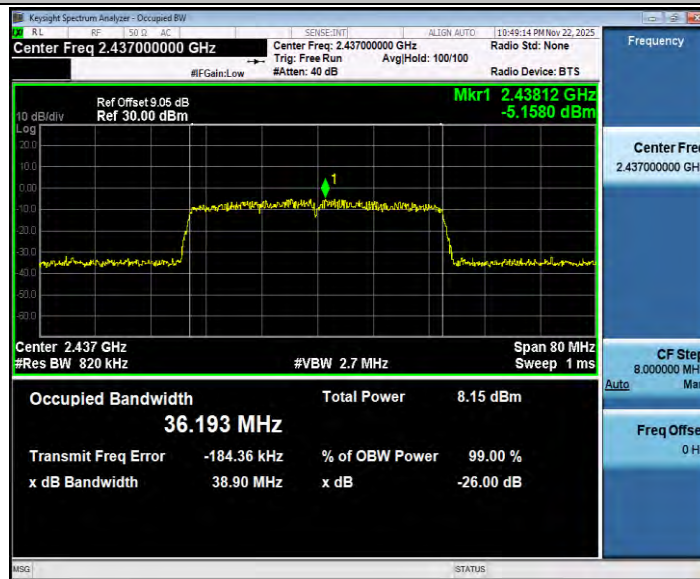
11N20SISO\_Ant1\_2462



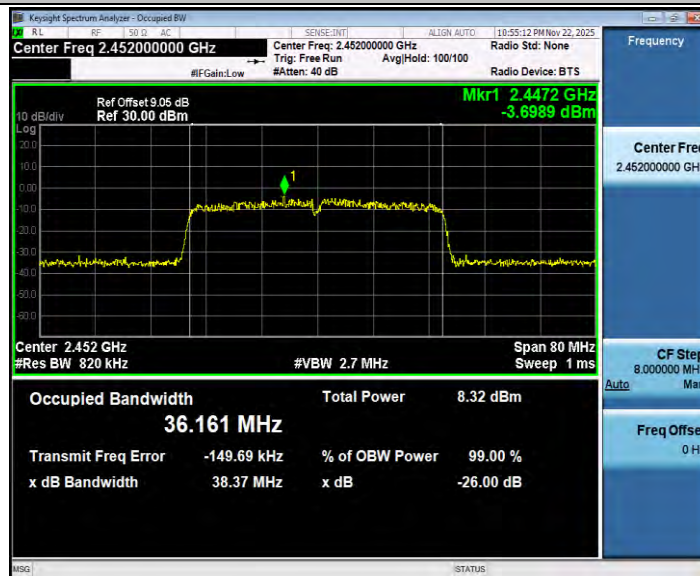
11N40SISO\_Ant1\_2422



## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452



## AppendixB.3: Maximum conducted output power

### Test Result -CHP

| Test Mode | Antenna | Frequency[MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|------------------|-------------|---------|
| 11B       | Ant1    | 2412           | 8.53             | ≤30.00      | PASS    |
|           |         | 2437           | 8.50             | ≤30.00      | PASS    |
|           |         | 2462           | 7.92             | ≤30.00      | PASS    |
| 11G       | Ant1    | 2412           | 8.01             | ≤30.00      | PASS    |
|           |         | 2437           | 8.64             | ≤30.00      | PASS    |
|           |         | 2462           | 8.81             | ≤30.00      | PASS    |
| 11N20SISO | Ant1    | 2412           | 8.13             | ≤30.00      | PASS    |
|           |         | 2437           | 8.54             | ≤30.00      | PASS    |
|           |         | 2462           | 8.73             | ≤30.00      | PASS    |
| 11N40SISO | Ant1    | 2422           | 7.89             | ≤30.00      | PASS    |
|           |         | 2437           | 8.36             | ≤30.00      | PASS    |
|           |         | 2452           | 8.48             | ≤30.00      | PASS    |

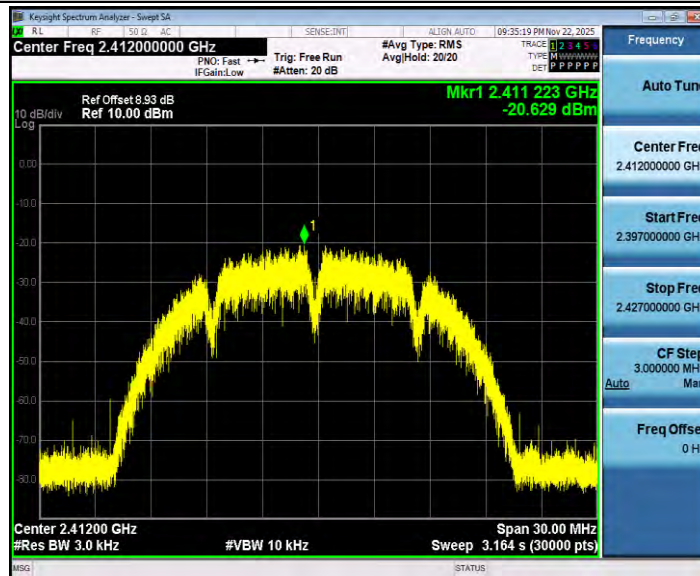
## AppendixB.4: Maximum power spectral density

### Test Result

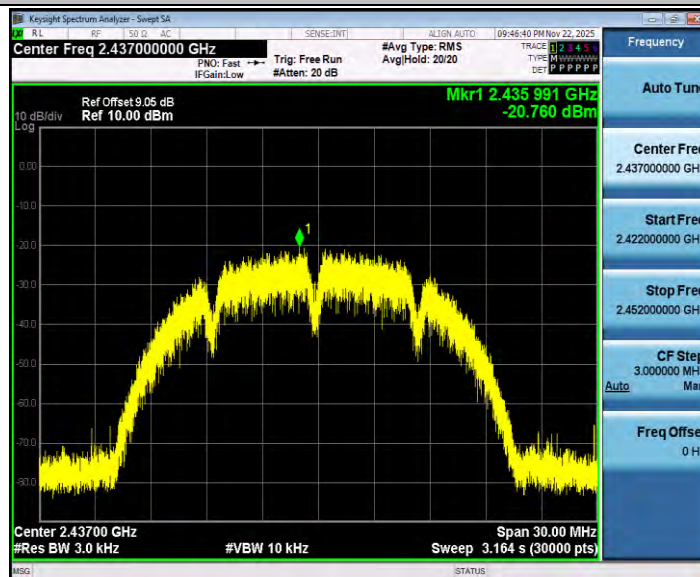
| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -20.63               | ≤8.00           | PASS    |
|           |         | 2437           | -20.76               | ≤8.00           | PASS    |
|           |         | 2462           | -21.27               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -23.17               | ≤8.00           | PASS    |
|           |         | 2437           | -22.66               | ≤8.00           | PASS    |
|           |         | 2462           | -22.23               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -23.71               | ≤8.00           | PASS    |
|           |         | 2437           | -23.32               | ≤8.00           | PASS    |
|           |         | 2462           | -22.99               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422           | -26.74               | ≤8.00           | PASS    |
|           |         | 2437           | -26.84               | ≤8.00           | PASS    |
|           |         | 2452           | -26.46               | ≤8.00           | PASS    |

## Test Graphs

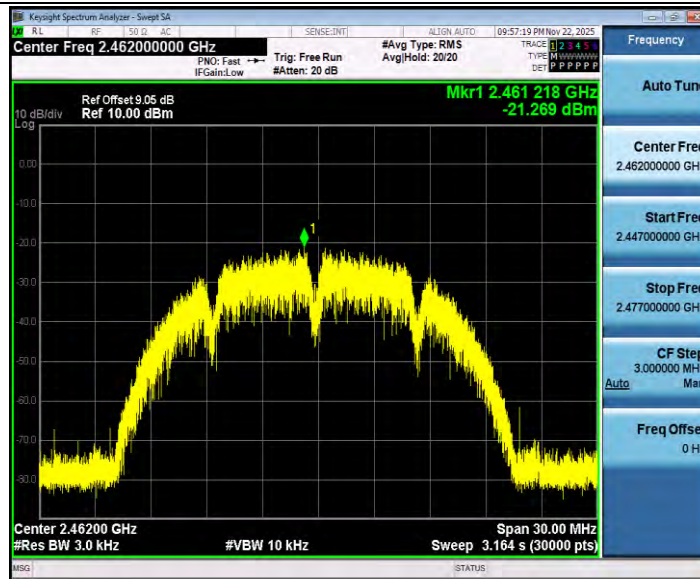
11B\_Ant1\_2412



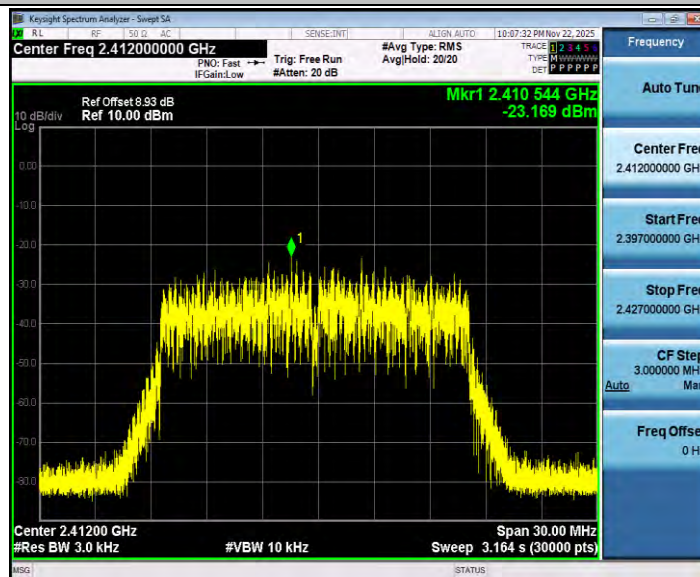
11B\_Ant1\_2437



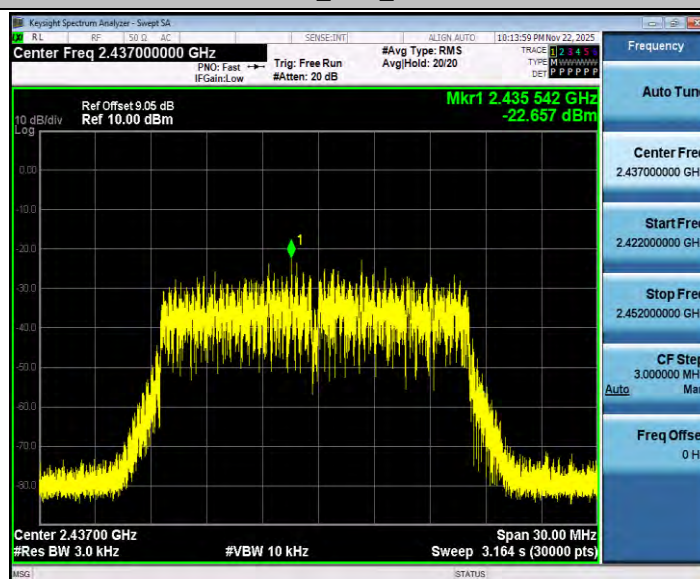
11B\_Ant1\_2462



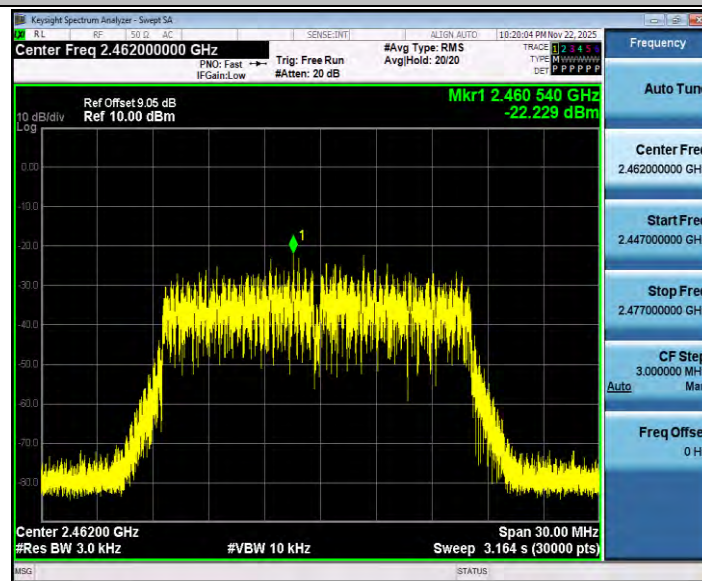
11G\_Ant1\_2412



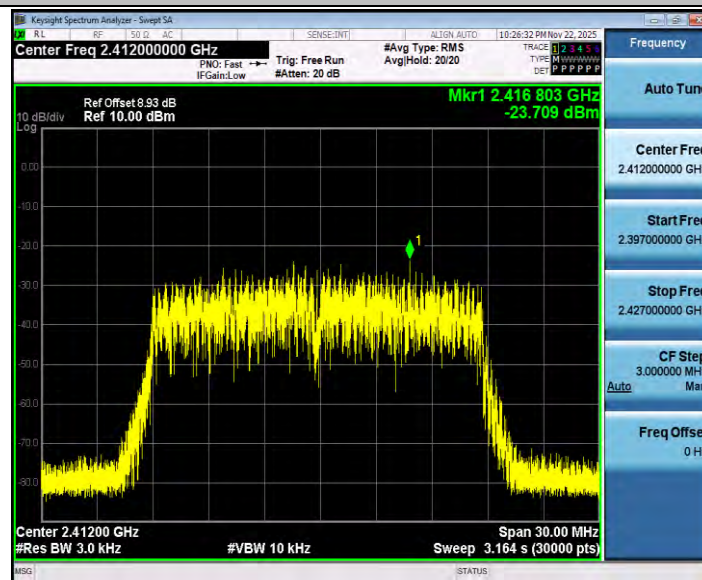
11G\_Ant1\_2437



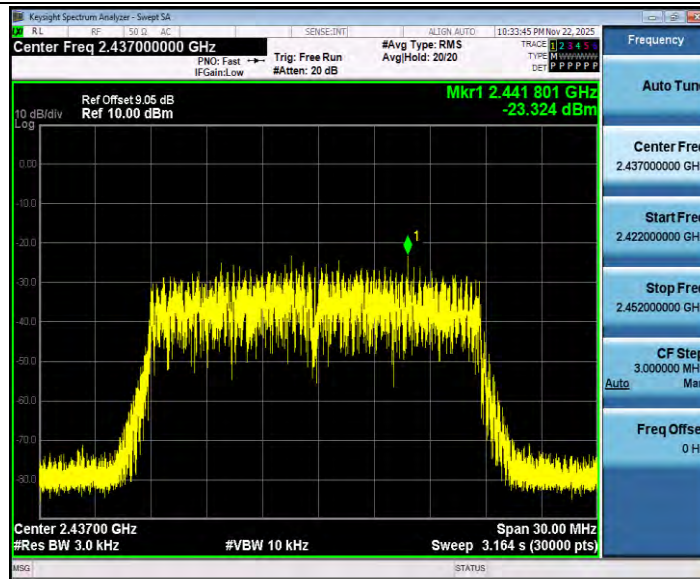
## 11G\_Ant1\_2462



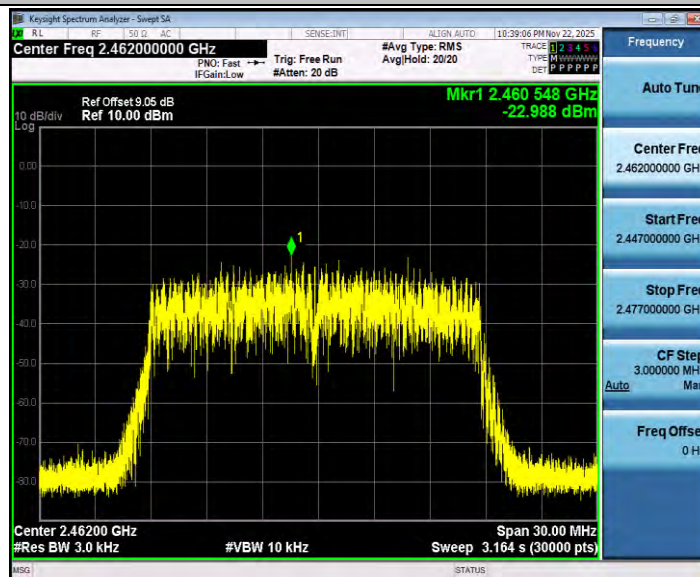
## 11N20SISO\_Ant1\_2412



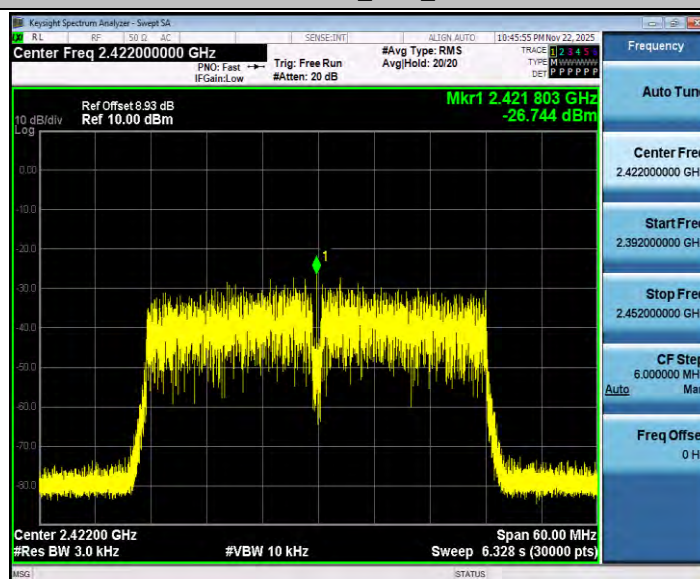
## 11N20SISO\_Ant1\_2437



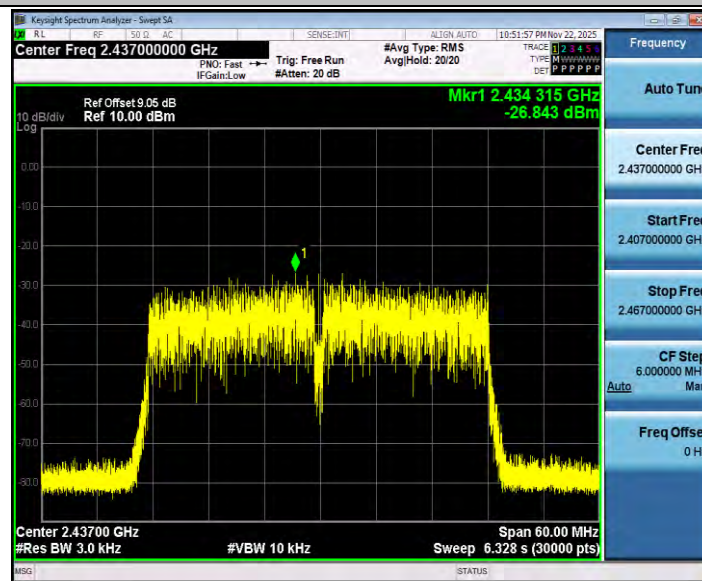
11N20SISO\_Ant1\_2462



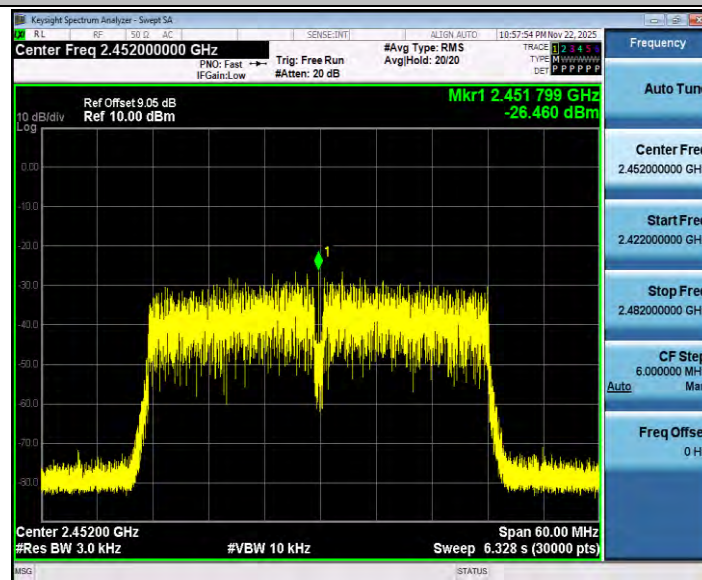
11N40SISO\_Ant1\_2422



## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452



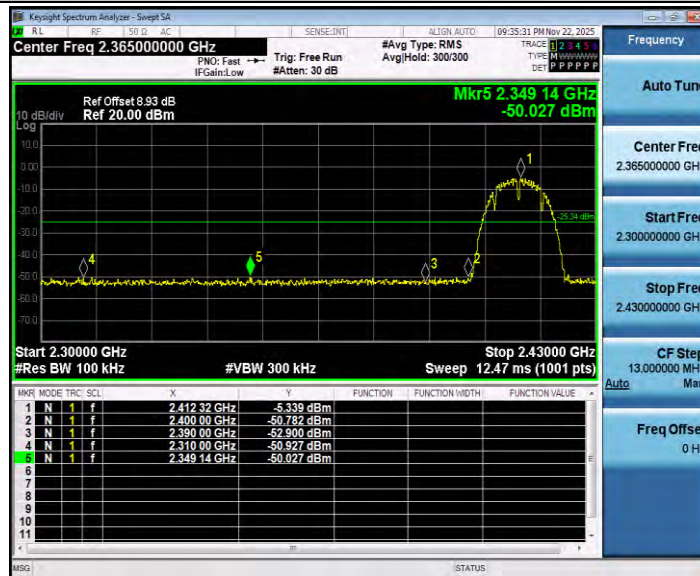
## Appendix B.5: Band edge measurements

### Test Result

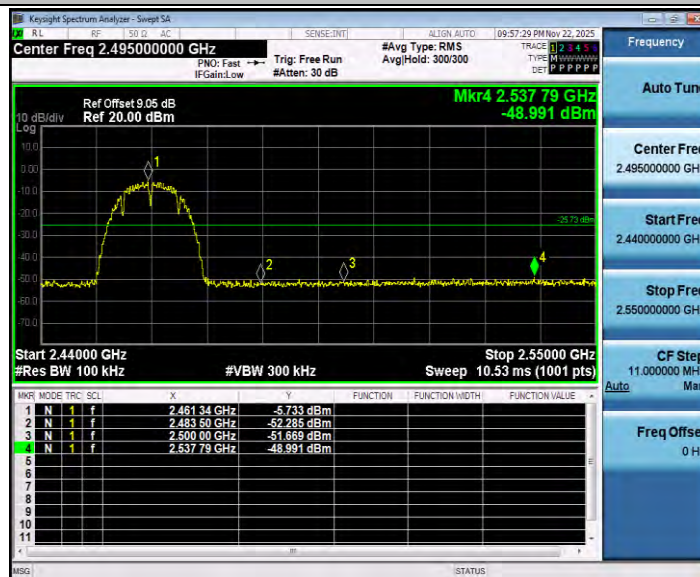
| TestMode  | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|----------------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412           | -5.34         | -50.03      | $\leq -25.34$ | PASS    |
|           |         | High   | 2462           | -5.73         | -48.99      | $\leq -25.73$ | PASS    |
| 11G       | Ant1    | Low    | 2412           | -7.85         | -49.86      | $\leq -27.85$ | PASS    |
|           |         | High   | 2462           | -7.10         | -49.36      | $\leq -27.1$  | PASS    |
| 11N20SISO | Ant1    | Low    | 2412           | -8.53         | -50.09      | $\leq -28.53$ | PASS    |
|           |         | High   | 2462           | -6.60         | -49.75      | $\leq -26.6$  | PASS    |
| 11N40SISO | Ant1    | Low    | 2422           | -10.69        | -49.89      | $\leq -30.69$ | PASS    |
|           |         | High   | 2452           | -10.18        | -49.66      | $\leq -30.18$ | PASS    |

## Test Graphs

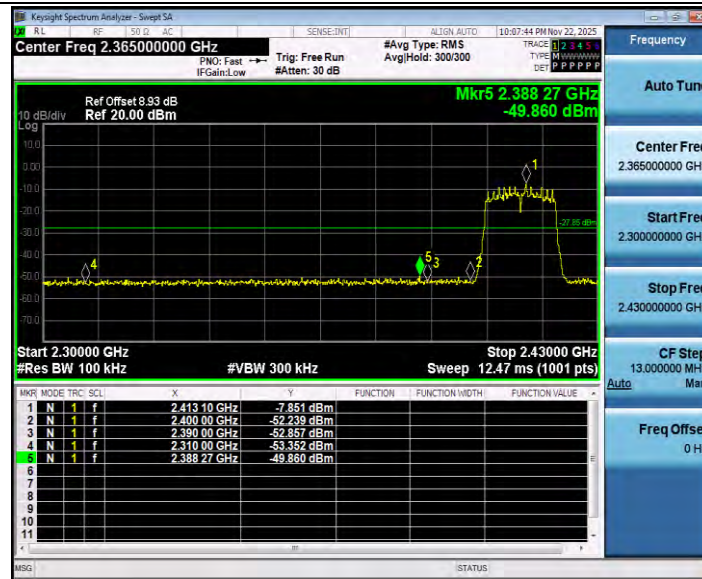
11B\_Ant1\_Low\_2412



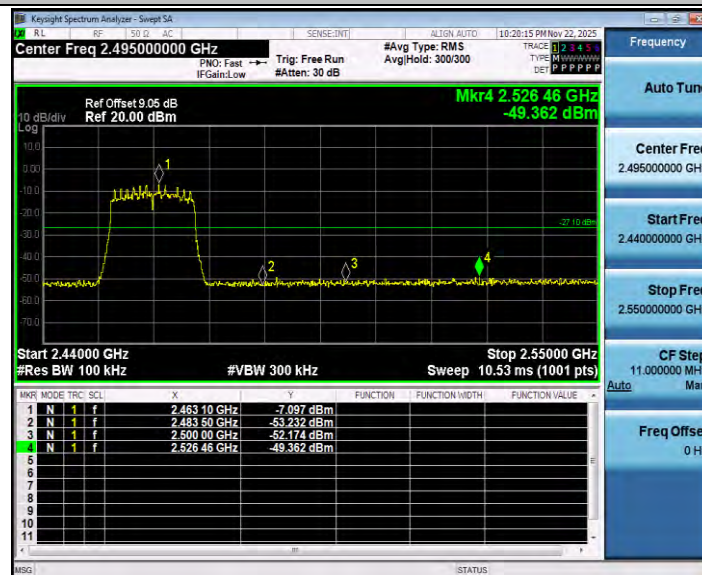
11B\_Ant1\_High\_2462



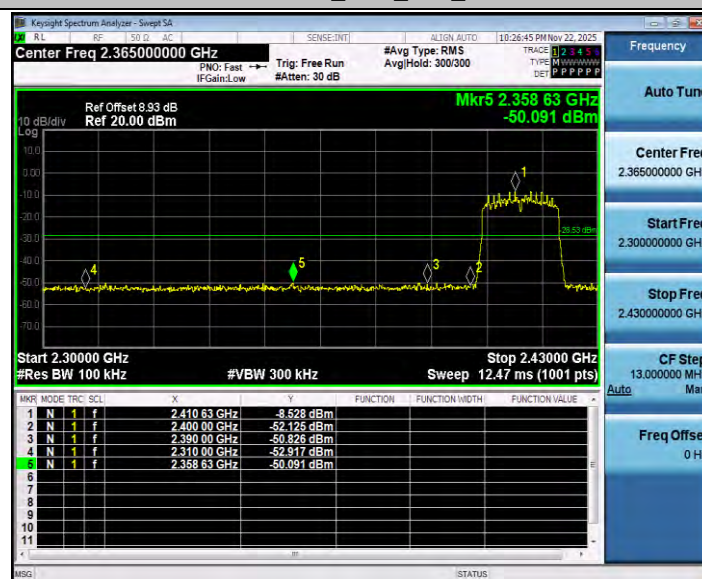
11G\_Ant1\_Low\_2412



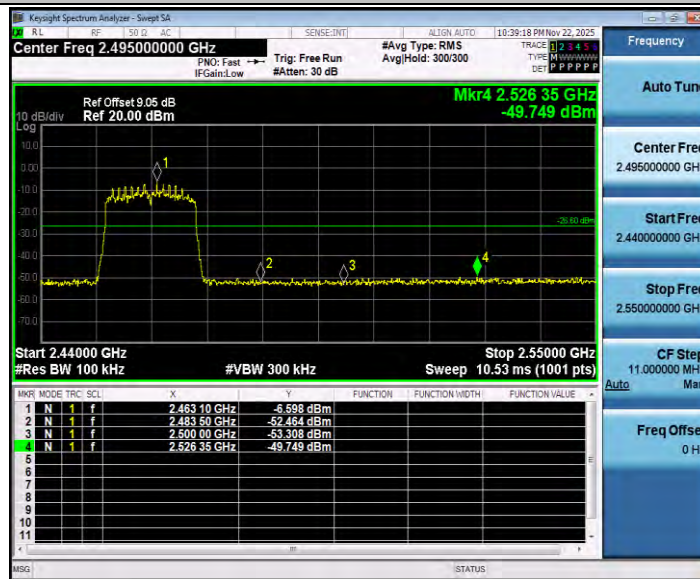
11G\_Ant1\_High\_2462



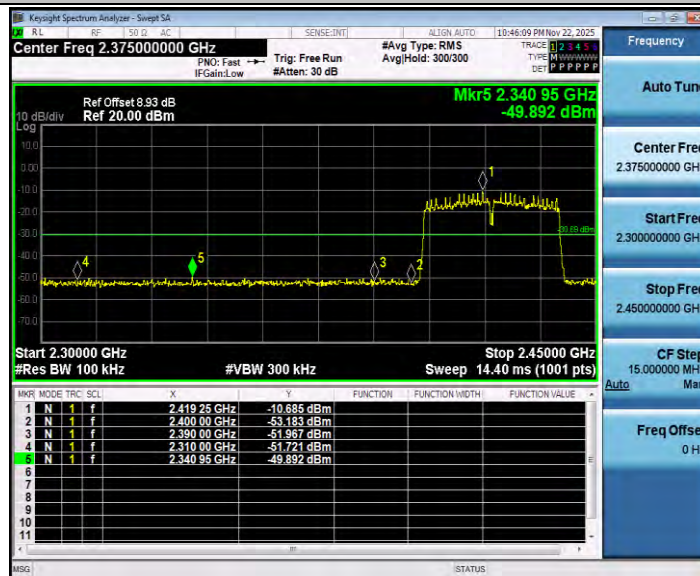
11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462



## 11N40SISO\_Ant1\_Low\_2422



## 11N40SISO\_Ant1\_High\_2452

