

|                                                        |                                          |
|--------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20250827007-4-02</u>           |                                          |
| <b>Ambient Condition:</b> <u>21</u> °C, <u>53</u> %RH, |                                          |
| <b>Test Date:</b> <u>2025.9.3-2025.9.9</u>             | <b>Test Engineer:</b> <u>Evan ouyang</u> |

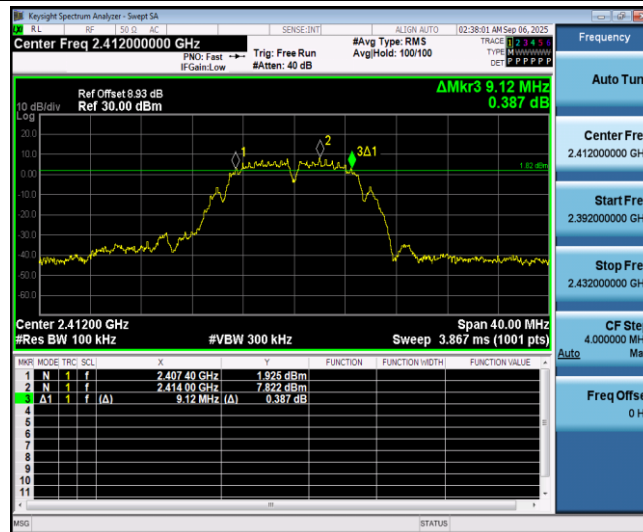
## Appendix A.1: DTS Bandwidth

### Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 9.120        | 2407.400 | 2416.520 | 0.5        | PASS    |
|           |         | 2437           | 9.080        | 2432.440 | 2441.520 | 0.5        | PASS    |
|           |         | 2462           | 9.080        | 2457.440 | 2466.520 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 16.360       | 2403.800 | 2420.160 | 0.5        | PASS    |
|           |         | 2437           | 16.440       | 2428.760 | 2445.200 | 0.5        | PASS    |
|           |         | 2462           | 16.360       | 2453.800 | 2470.160 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 17.680       | 2403.120 | 2420.800 | 0.5        | PASS    |
|           |         | 2437           | 17.560       | 2428.200 | 2445.760 | 0.5        | PASS    |
|           |         | 2462           | 17.600       | 2453.160 | 2470.760 | 0.5        | PASS    |

## Test Graphs

11B\_Ant1\_2412



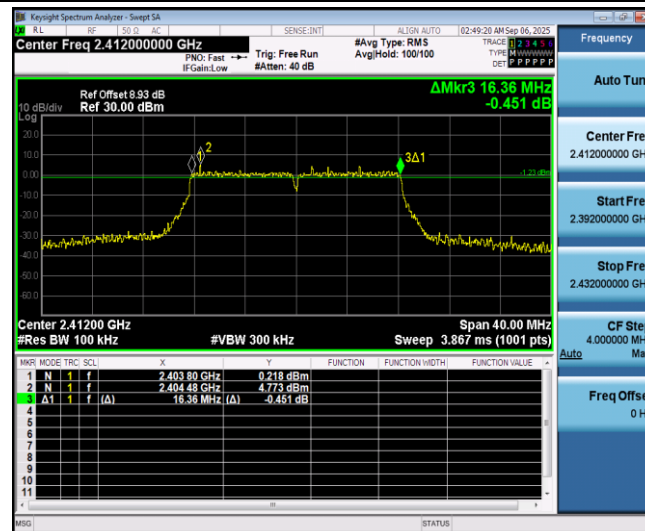
11B\_Ant1\_2437



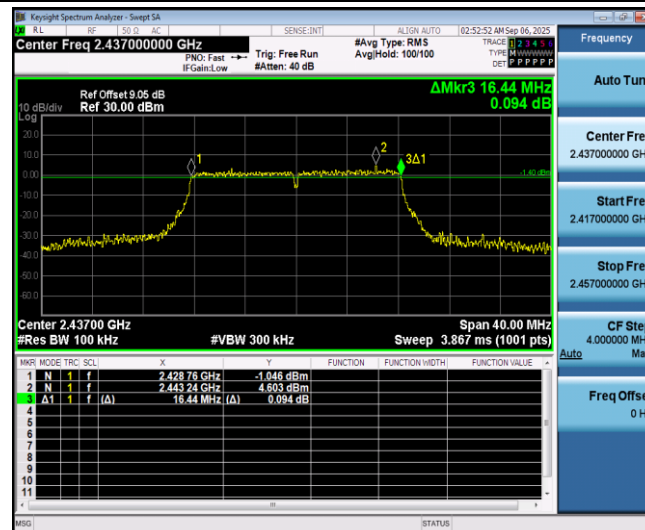
11B\_Ant1\_2462



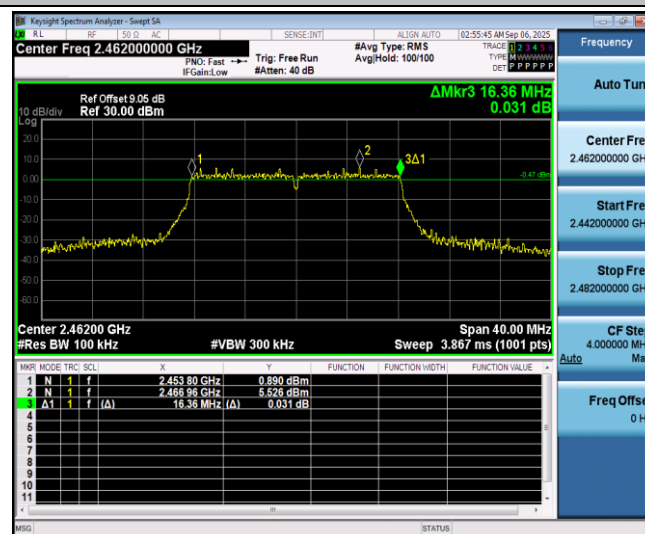
11G\_Ant1\_2412



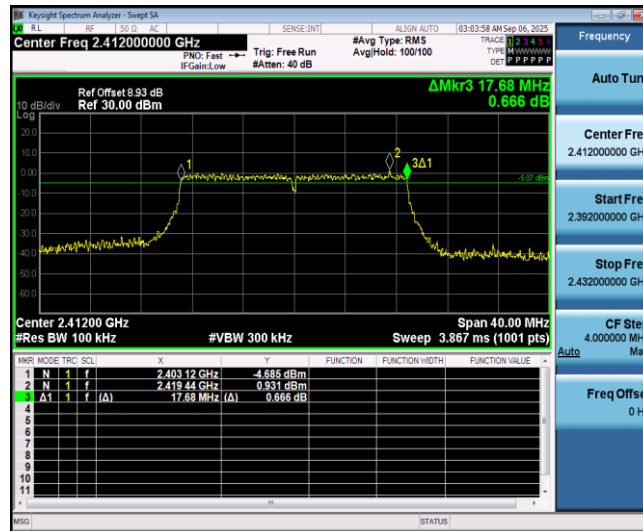
11G\_Ant1\_2437



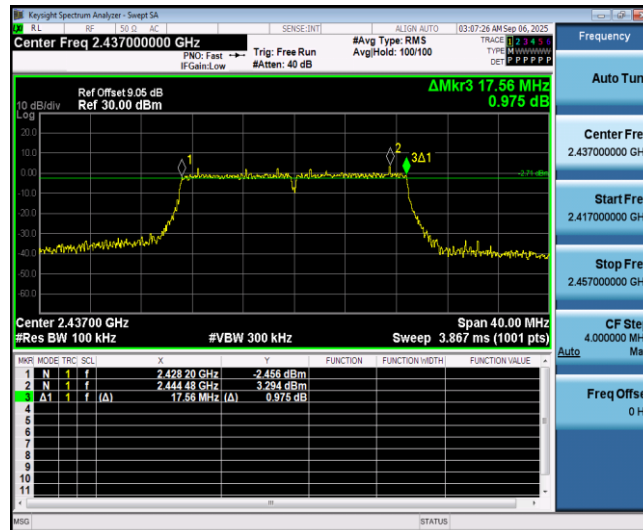
11G\_Ant1\_2462



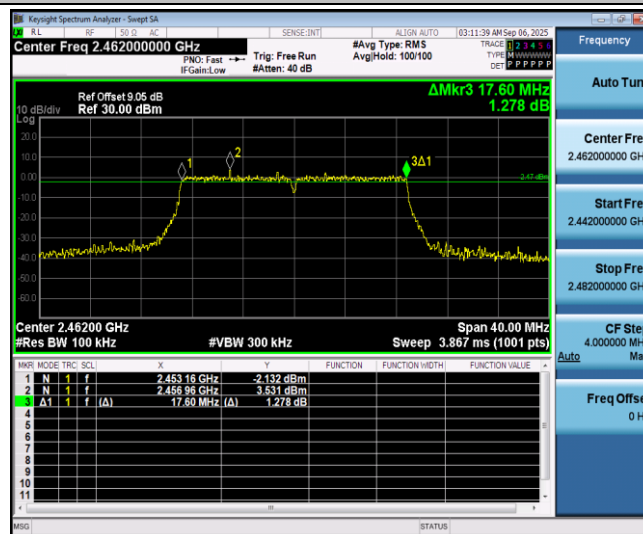
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



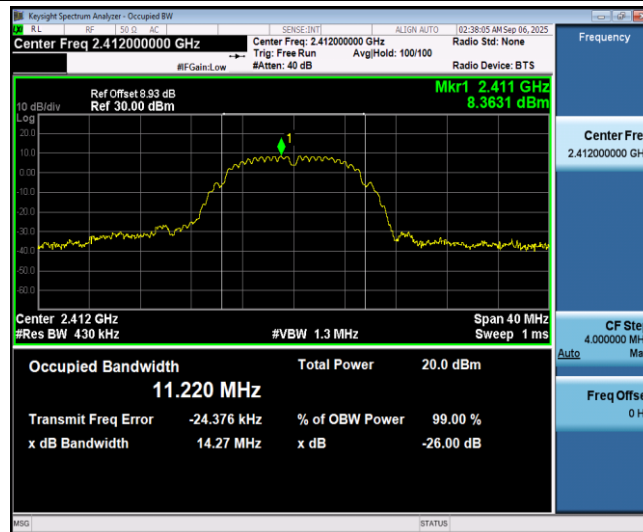
## Appendix A.2: Occupied Channel Bandwidth

### Test Result

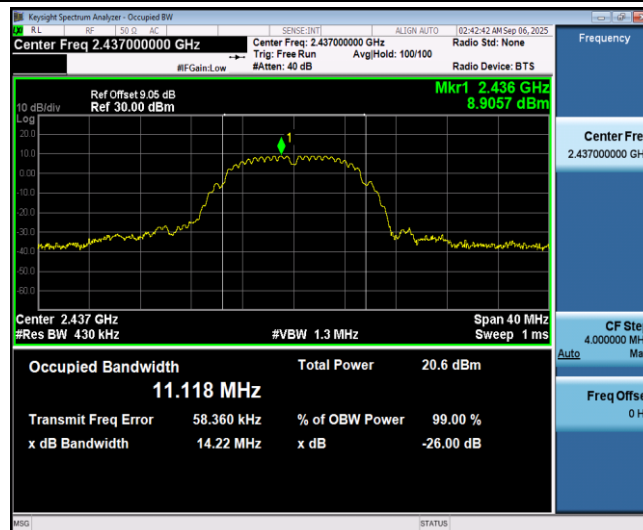
| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|--------------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                      | 11.220       | 2406.3656 | 2417.5856 | ---        | ---     |
|           |         | 2437                      | 11.118       | 2431.4994 | 2442.6174 | ---        | ---     |
|           |         | 2462                      | 11.097       | 2456.4516 | 2467.5486 | ---        | ---     |
| 11G       | Ant1    | 2412                      | 16.830       | 2403.5579 | 2420.3879 | ---        | ---     |
|           |         | 2437                      | 16.844       | 2428.6055 | 2445.4495 | ---        | ---     |
|           |         | 2462                      | 16.863       | 2453.5490 | 2470.4120 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                      | 17.848       | 2403.0641 | 2420.9121 | ---        | ---     |
|           |         | 2437                      | 17.813       | 2428.1129 | 2445.9259 | ---        | ---     |
|           |         | 2462                      | 17.800       | 2453.0770 | 2470.8770 | ---        | ---     |

## Test Graphs

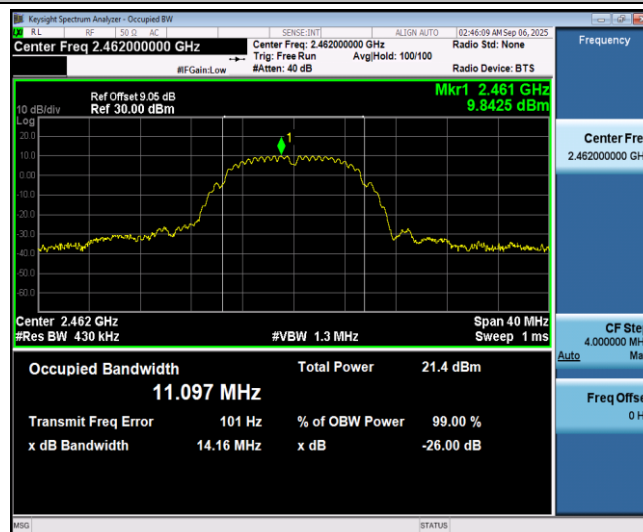
11B\_Ant1\_2412



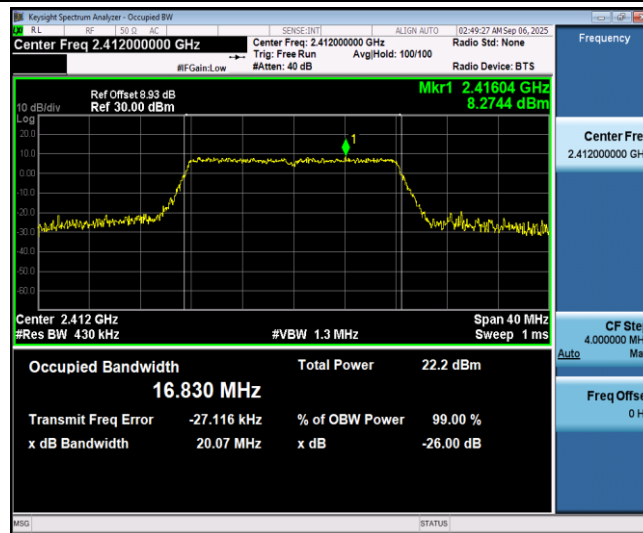
11B\_Ant1\_2437



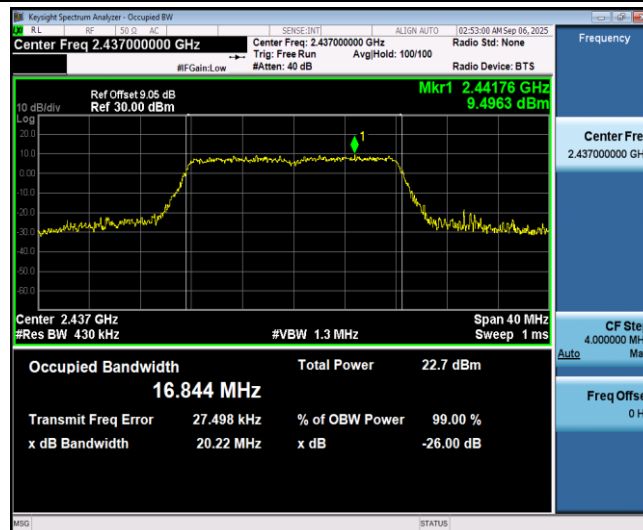
11B\_Ant1\_2462



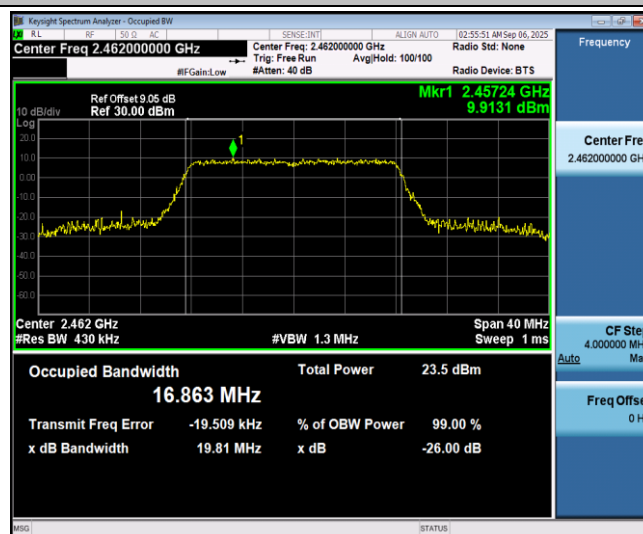
11G\_Ant1\_2412



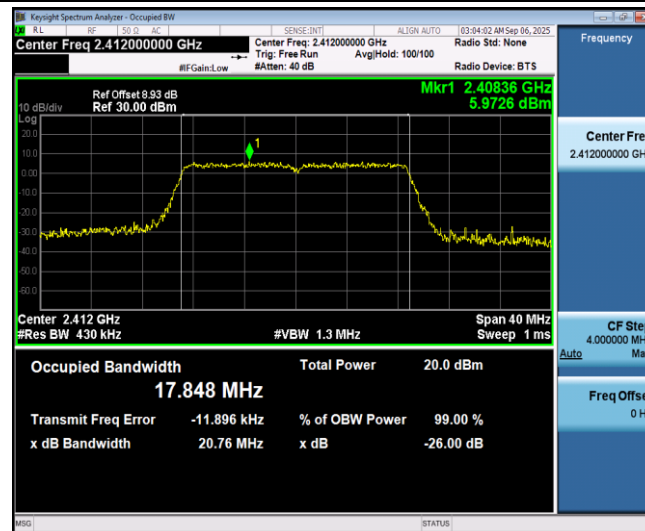
11G\_Ant1\_2437



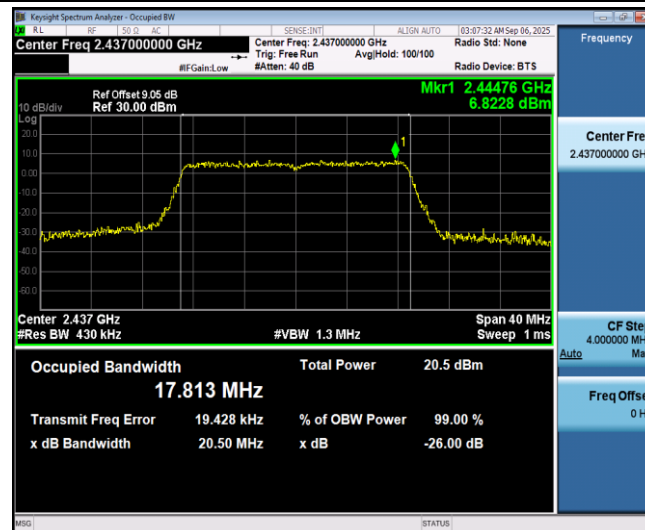
11G\_Ant1\_2462



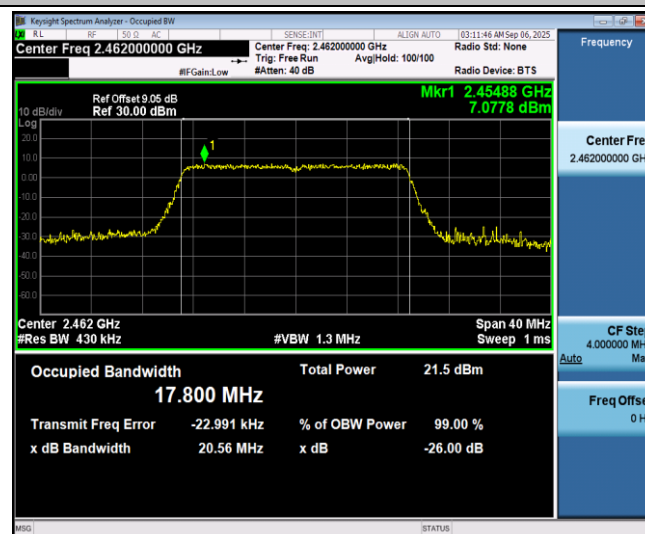
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



**Appendix A.3: Maximum conducted output power**

| Test Mode | Antenna | Frequency[MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|------------------|-------------|---------|
| 11B       | Ant1    | 2412           | 20.00            | ≤30.00      | PASS    |
|           |         | 2437           | 20.57            | ≤30.00      | PASS    |
|           |         | 2462           | 21.47            | ≤30.00      | PASS    |
| 11G       | Ant1    | 2412           | 23.46            | ≤30.00      | PASS    |
|           |         | 2437           | 23.88            | ≤30.00      | PASS    |
|           |         | 2462           | 24.69            | ≤30.00      | PASS    |
| 11N20SISO | Ant1    | 2412           | 21.17            | ≤30.00      | PASS    |
|           |         | 2437           | 21.77            | ≤30.00      | PASS    |
|           |         | 2462           | 22.66            | ≤30.00      | PASS    |

## Appendix A.4: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -6.57                | ≤8.00           | PASS    |
|           |         | 2437           | -4.57                | ≤8.00           | PASS    |
|           |         | 2462           | -4.19                | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -9.17                | ≤8.00           | PASS    |
|           |         | 2437           | -8.26                | ≤8.00           | PASS    |
|           |         | 2462           | -7.88                | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -11.81               | ≤8.00           | PASS    |
|           |         | 2437           | -11.00               | ≤8.00           | PASS    |
|           |         | 2462           | -10.50               | ≤8.00           | PASS    |

## Test Graphs

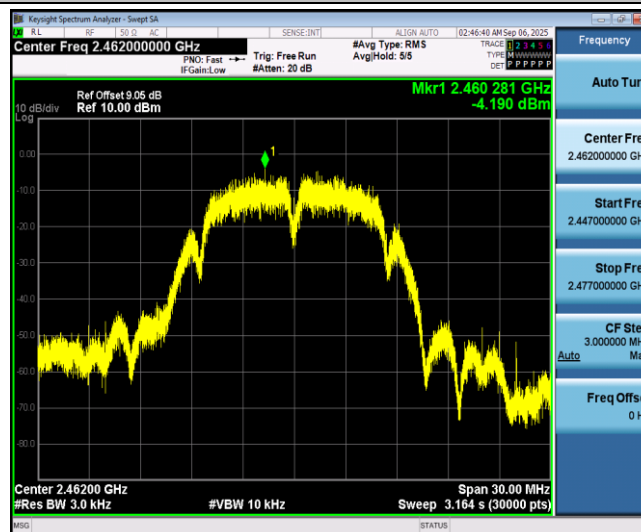
11B\_Ant1\_2412



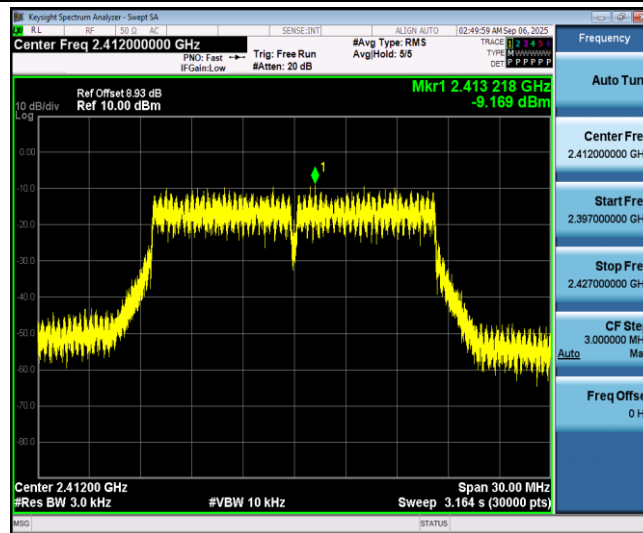
11B\_Ant1\_2437



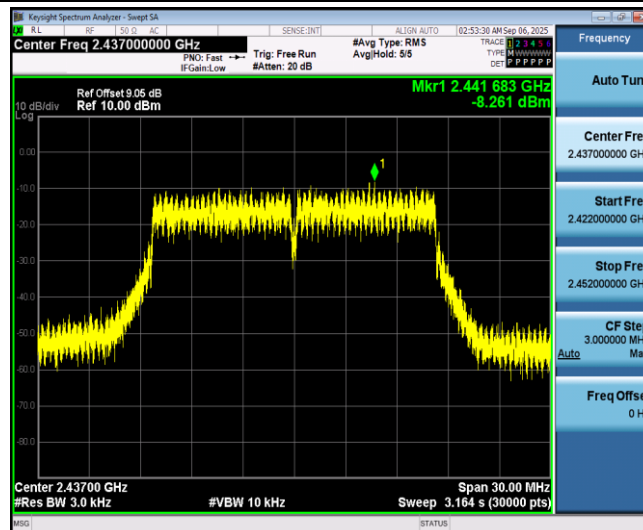
11B\_Ant1\_2462



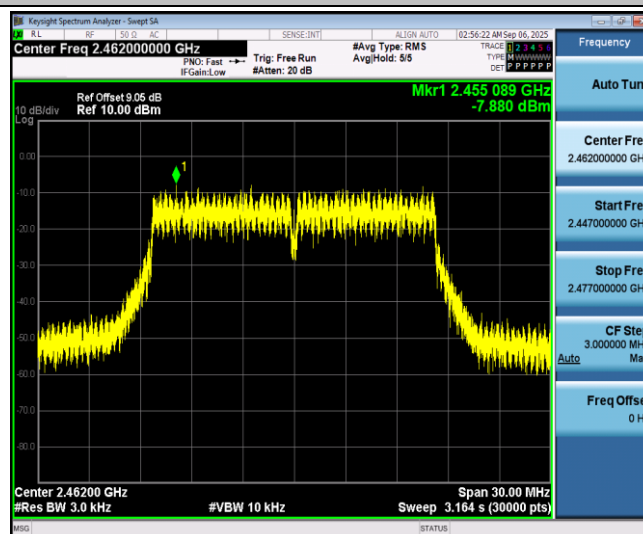
11G\_Ant1\_2412



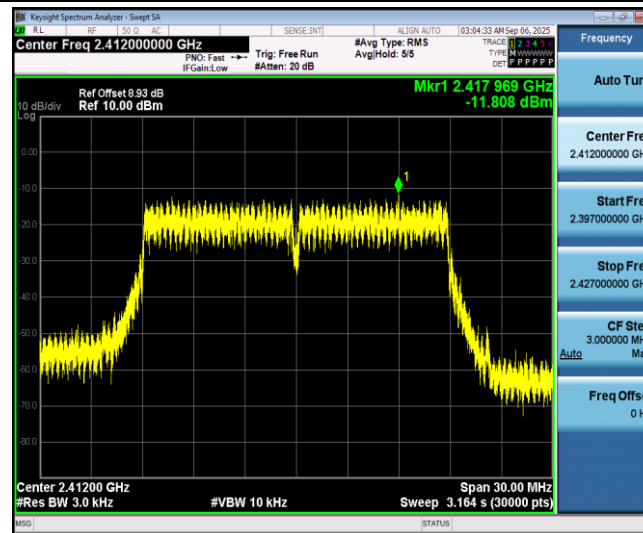
11G\_Ant1\_2437



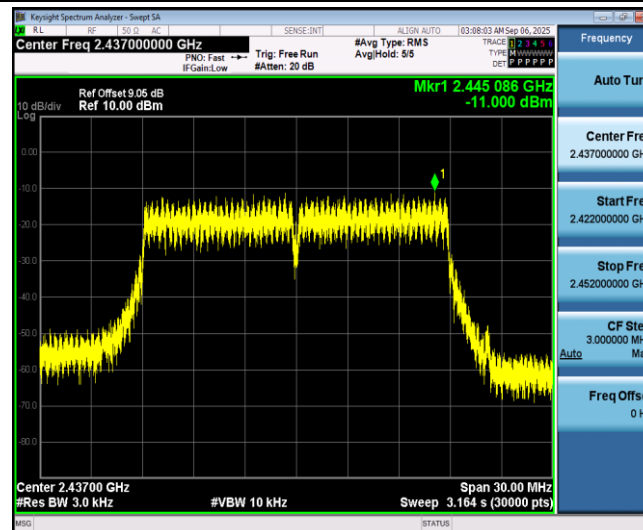
11G\_Ant1\_2462



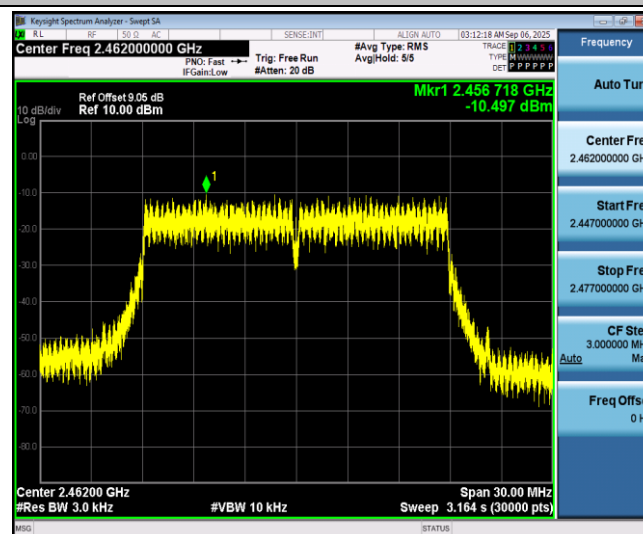
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## Appendix A.5:Band edge measurements

### Test Result

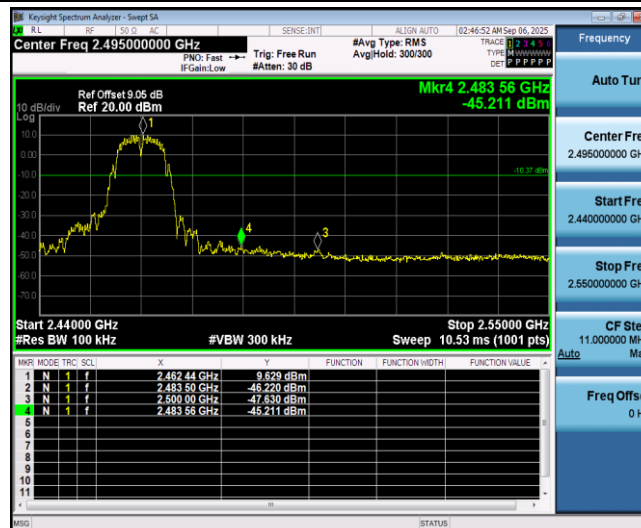
| TestMode  | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|----------------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412           | 8.14          | -34.57      | $\leq -11.86$ | PASS    |
|           |         | High   | 2462           | 9.63          | -45.21      | $\leq -10.37$ | PASS    |
| 11G       | Ant1    | Low    | 2412           | 4.60          | -26.09      | $\leq -15.4$  | PASS    |
|           |         | High   | 2462           | 5.70          | -35.96      | $\leq -14.3$  | PASS    |
| 11N20SISO | Ant1    | Low    | 2412           | 2.54          | -32.12      | $\leq -17.46$ | PASS    |
|           |         | High   | 2462           | 3.90          | -38.54      | $\leq -16.11$ | PASS    |

## Test Graphs

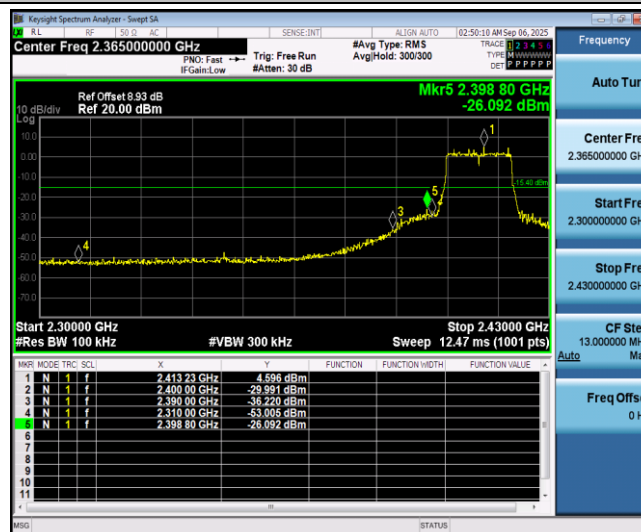
11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412



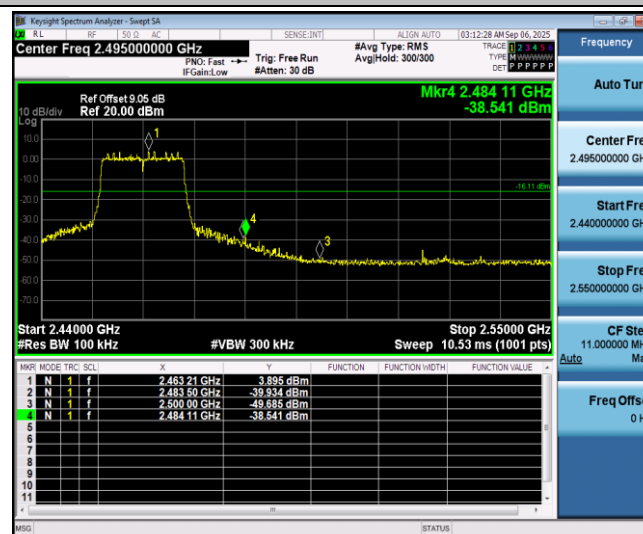
11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



## Appendix A.6:Conducted Spurious Emission

### Test Result

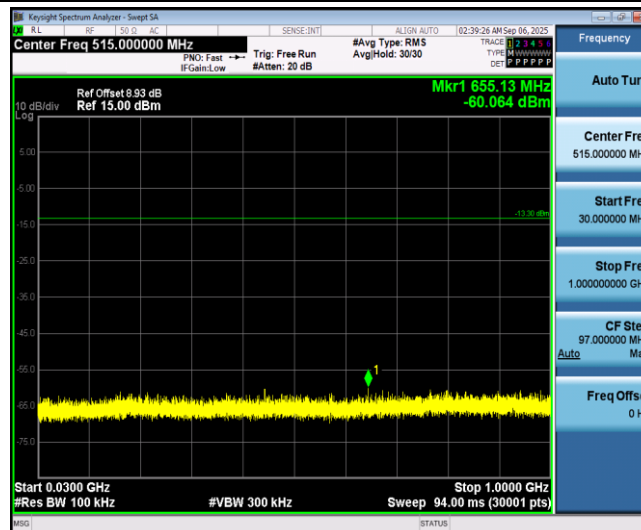
| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | Reference       | 6.70           | 6.70         | ---         | PASS    |
|           |         |                | 30~1000         | 6.70           | -60.06       | ≤-13.3      | PASS    |
|           |         |                | 1000~26500      | 6.70           | -42.65       | ≤-13.3      | PASS    |
|           |         | 2437           | Reference       | 8.83           | 8.83         | ---         | PASS    |
|           |         |                | 30~1000         | 8.83           | -60.53       | ≤-11.17     | PASS    |
|           |         |                | 1000~26500      | 8.83           | -43.53       | ≤-11.17     | PASS    |
|           |         | 2462           | Reference       | 7.81           | 7.81         | ---         | PASS    |
|           |         |                | 30~1000         | 7.81           | -60.48       | ≤-12.19     | PASS    |
|           |         |                | 1000~26500      | 7.81           | -42.86       | ≤-12.19     | PASS    |
| 11G       | Ant1    | 2412           | Reference       | 4.36           | 4.36         | ---         | PASS    |
|           |         |                | 30~1000         | 4.36           | -60.5        | ≤-15.64     | PASS    |
|           |         |                | 1000~26500      | 4.36           | -48.1        | ≤-15.64     | PASS    |
|           |         | 2437           | Reference       | 2.84           | 2.84         | ---         | PASS    |
|           |         |                | 30~1000         | 2.84           | -60.22       | ≤-17.16     | PASS    |
|           |         |                | 1000~26500      | 2.84           | -47.33       | ≤-17.16     | PASS    |
|           |         | 2462           | Reference       | -0.02          | -0.02        | ---         | PASS    |
|           |         |                | 30~1000         | -0.02          | -60          | ≤-20.02     | PASS    |
|           |         |                | 1000~26500      | -0.02          | -47.97       | ≤-20.02     | PASS    |
| 11N20SISO | Ant1    | 2412           | Reference       | 1.88           | 1.88         | ---         | PASS    |
|           |         |                | 30~1000         | 1.88           | -59.58       | ≤-18.12     | PASS    |
|           |         |                | 1000~26500      | 1.88           | -47.81       | ≤-18.12     | PASS    |
|           |         | 2437           | Reference       | 0.03           | 0.03         | ---         | PASS    |
|           |         |                | 30~1000         | 0.03           | -58.65       | ≤-19.97     | PASS    |
|           |         |                | 1000~26500      | 0.03           | -47.91       | ≤-19.97     | PASS    |
|           |         | 2462           | Reference       | 2.31           | 2.31         | ---         | PASS    |
|           |         |                | 30~1000         | 2.31           | -58.97       | ≤-17.69     | PASS    |
|           |         |                | 1000~26500      | 2.31           | -47.29       | ≤-17.69     | PASS    |

## Test Graphs

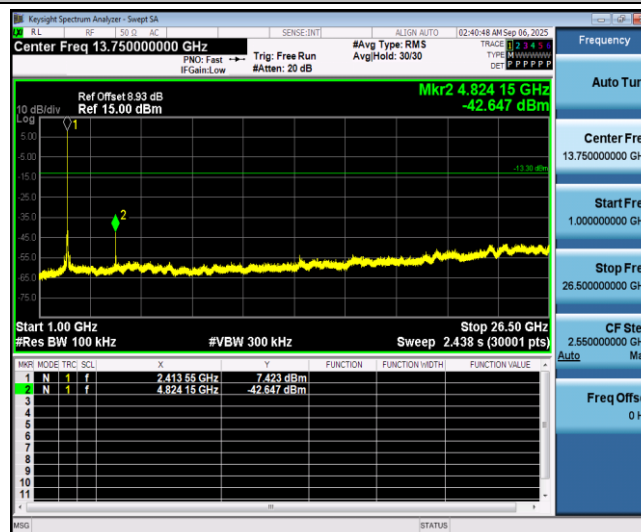
11B\_Ant1\_2412\_0-Reference



11B\_Ant1\_2412\_30-1000



11B\_Ant1\_2412\_1000-26500



11B\_Ant1\_2437\_0-Reference