

## Appendix B: Test Results of 2.4GHz Wi-Fi

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## Appendix B.1: Test Results of Conducted Power Spectral Density

### SISO mode (Worst case\_ANT0)

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| 11B      | Ant0    | 2412    | 5.43             | ≤8.00           | PASS    |
|          |         | 2437    | 6.71             | ≤8.00           | PASS    |
|          |         | 2462    | 6.29             | ≤8.00           | PASS    |
| 11G      | Ant0    | 2412    | 1.08             | ≤8.00           | PASS    |
|          |         | 2437    | 1.47             | ≤8.00           | PASS    |
|          |         | 2462    | 1.16             | ≤8.00           | PASS    |

11B\_Ant0\_2412



11B\_Ant0\_2437



11B\_Ant0\_2462



11G\_Ant0\_2412



11G\_Ant0\_2437



11G\_Ant0\_2462

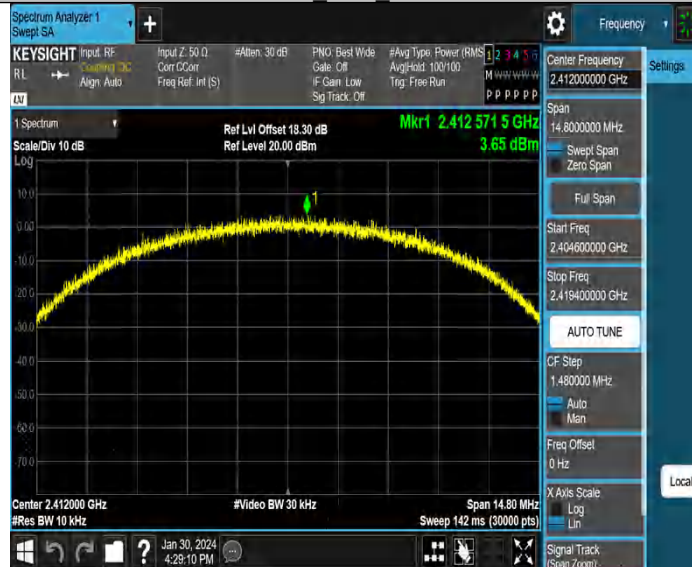


**MIMO mode (Worst case\_ANT0+ANT3)**

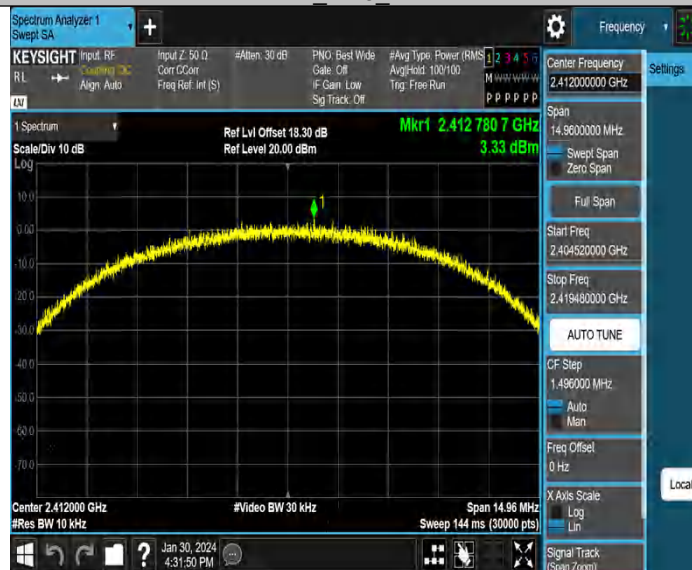
| TestMode   | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|---------|----------------------|-----------------|---------|
| 11B        | Ant0    | 2412    | 3.65                 | ≤8.00           | PASS    |
|            | Ant3    | 2412    | 3.33                 | ≤8.00           | PASS    |
|            | Ant0    | 2437    | 5.50                 | ≤8.00           | PASS    |
|            | Ant3    | 2437    | 3.67                 | ≤8.00           | PASS    |
|            | Ant0    | 2462    | 4.97                 | ≤8.00           | PASS    |
|            | Ant3    | 2462    | 4.46                 | ≤8.00           | PASS    |
| 11G        | Ant0    | 2412    | 1.15                 | ≤8.00           | PASS    |
|            | Ant3    | 2412    | -0.79                | ≤8.00           | PASS    |
|            | Ant0    | 2437    | 1.51                 | ≤8.00           | PASS    |
|            | Ant3    | 2437    | -0.44                | ≤8.00           | PASS    |
|            | Ant0    | 2462    | 1.11                 | ≤8.00           | PASS    |
|            | Ant3    | 2462    | -0.12                | ≤8.00           | PASS    |
| 11N20MIMO  | Ant0    | 2412    | -0.73                | ≤8.00           | PASS    |
|            | Ant3    | 2412    | -1.83                | ≤8.00           | PASS    |
|            | total   | 2412    | 1.77                 | ≤8.00           | PASS    |
|            | Ant0    | 2437    | -0.57                | ≤8.00           | PASS    |
|            | Ant3    | 2437    | -1.74                | ≤8.00           | PASS    |
|            | total   | 2437    | 1.89                 | ≤8.00           | PASS    |
|            | Ant0    | 2462    | -0.68                | ≤8.00           | PASS    |
|            | Ant3    | 2462    | -1.31                | ≤8.00           | PASS    |
| 11N40MIMO  | total   | 2462    | 2.03                 | ≤8.00           | PASS    |
|            | Ant0    | 2422    | -3.74                | ≤8.00           | PASS    |
|            | Ant3    | 2422    | -4.77                | ≤8.00           | PASS    |
|            | total   | 2422    | -1.21                | ≤8.00           | PASS    |
|            | Ant0    | 2437    | -3.44                | ≤8.00           | PASS    |
|            | Ant3    | 2437    | -4.56                | ≤8.00           | PASS    |
|            | total   | 2437    | -0.95                | ≤8.00           | PASS    |
|            | Ant0    | 2452    | -3.62                | ≤8.00           | PASS    |
| 11AX20MIMO | Ant3    | 2452    | -4.83                | ≤8.00           | PASS    |
|            | total   | 2452    | -1.17                | ≤8.00           | PASS    |
|            | Ant0    | 2412    | -1.62                | ≤8.00           | PASS    |
|            | Ant3    | 2412    | -2.82                | ≤8.00           | PASS    |
|            | total   | 2412    | 0.83                 | ≤8.00           | PASS    |
|            | Ant0    | 2437    | -1.14                | ≤8.00           | PASS    |
|            | Ant3    | 2437    | -2.36                | ≤8.00           | PASS    |
|            | total   | 2437    | 1.30                 | ≤8.00           | PASS    |
| 11AX40MIMO | Ant0    | 2462    | -1.71                | ≤8.00           | PASS    |
|            | Ant3    | 2462    | -2.73                | ≤8.00           | PASS    |
|            | total   | 2462    | 0.82                 | ≤8.00           | PASS    |
|            | Ant0    | 2422    | -4.62                | ≤8.00           | PASS    |
|            | Ant3    | 2422    | -5.82                | ≤8.00           | PASS    |
|            | total   | 2422    | -2.17                | ≤8.00           | PASS    |
|            | Ant0    | 2437    | -4.49                | ≤8.00           | PASS    |
|            | Ant3    | 2437    | -5.82                | ≤8.00           | PASS    |
| 11AX20MIMO | total   | 2437    | -2.09                | ≤8.00           | PASS    |
|            | Ant0    | 2452    | -4.83                | ≤8.00           | PASS    |
|            | Ant3    | 2452    | -6.52                | ≤8.00           | PASS    |
|            | total   | 2452    | -2.58                | ≤8.00           | PASS    |

\*For the 802.11n/802.11ax MIMO mode, the directional gain is 6.33dBi for MIMO mode, thus the power density limit should be reduced by 0.33dB.

11B\_Ant0\_2412



11B\_Ant3\_2412



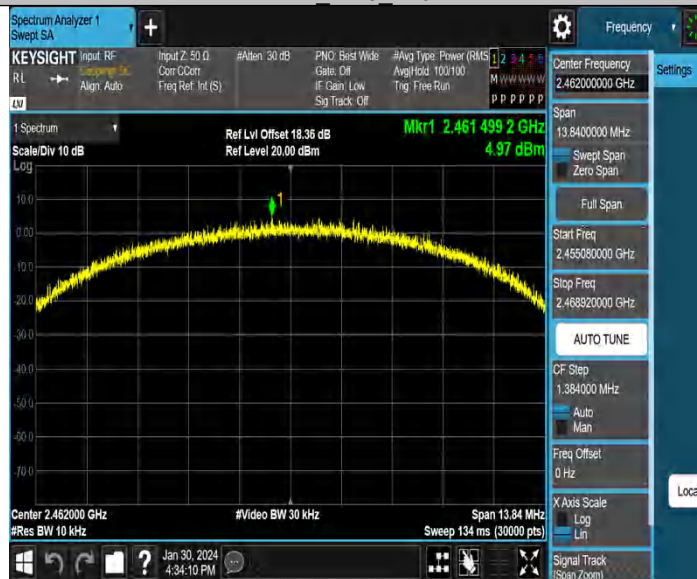
11B\_Ant0\_2437



11B\_Ant3\_2437



11B\_Ant0\_2462



11B\_Ant3\_2462



11G\_Ant0\_2412



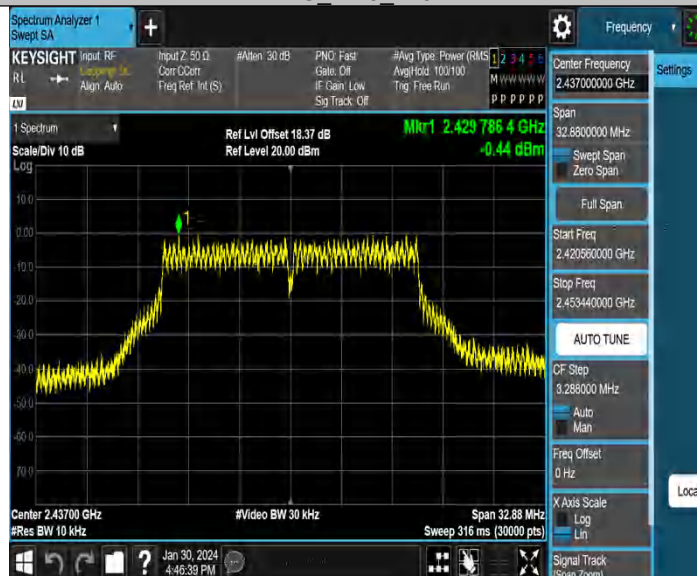
11G\_Ant3\_2412



11G\_Ant0\_2437



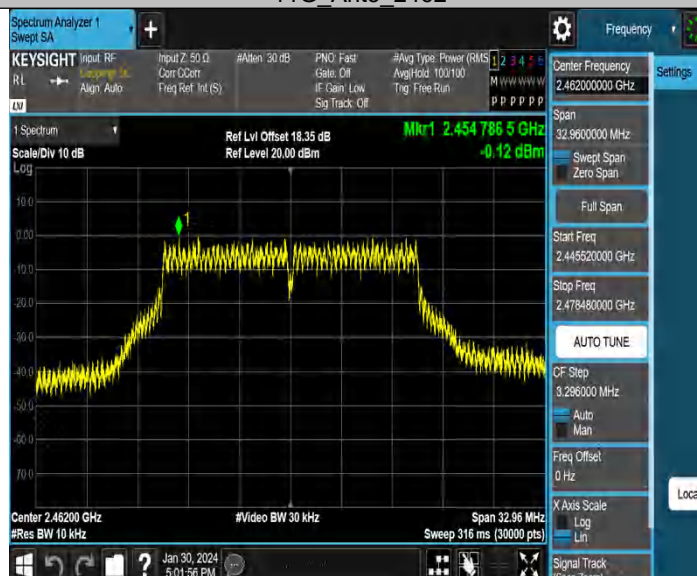
11G\_Ant3\_2437



11G\_Ant0\_2462



11G\_Ant3\_2462



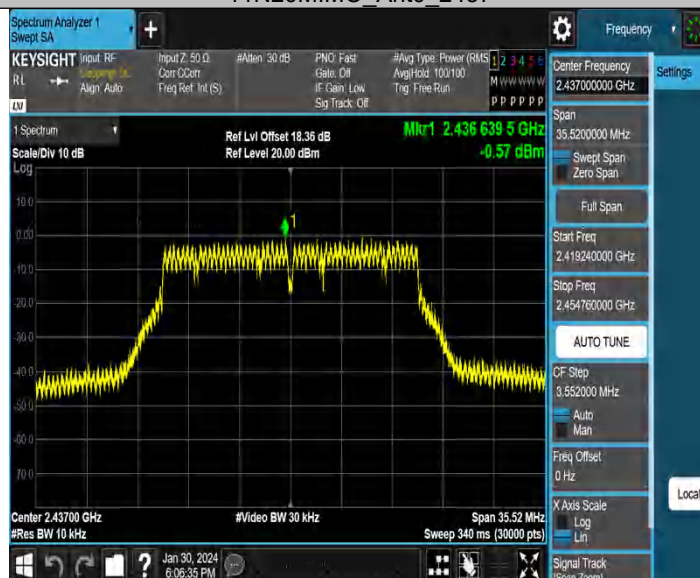
11N20MIMO Ant0 2412



11N20MIMO Ant3 2412



11N20MIMO Ant0 2437



11N20MIMO Ant3 2437



11N20MIMO Ant0 2462



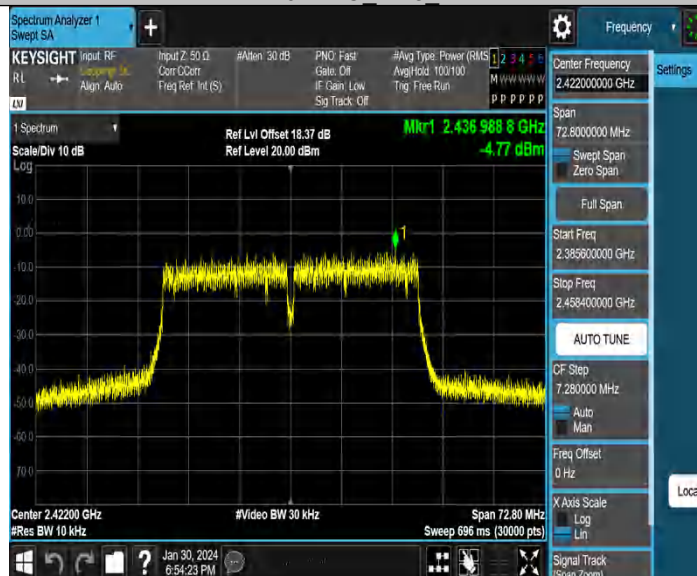
11N20MIMO Ant3 2462



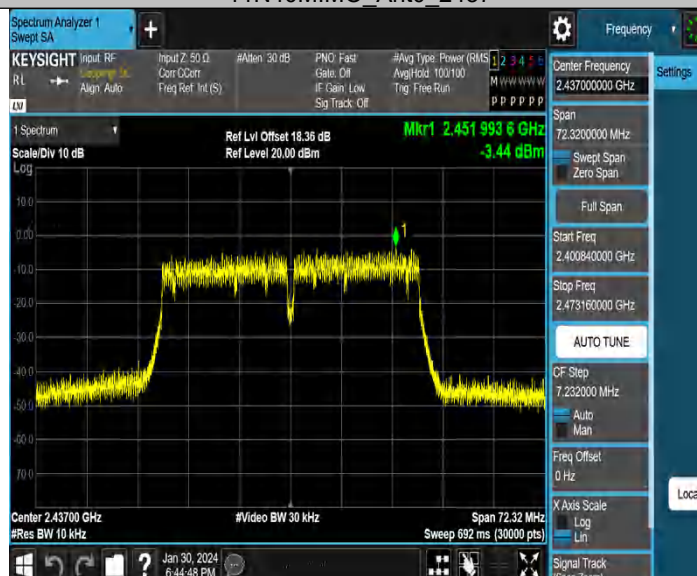
11N40MIMO Ant0 2422



11N40MIMO Ant3 2422



11N40MIMO Ant0 2437



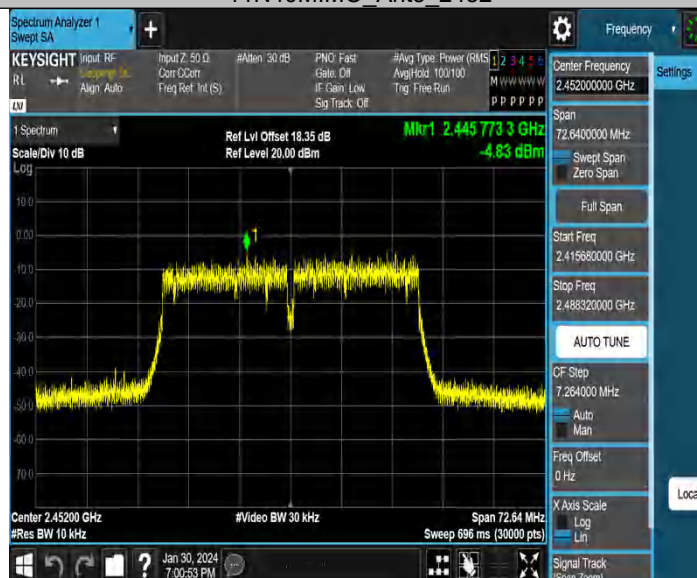
11N40MIMO Ant3 2437



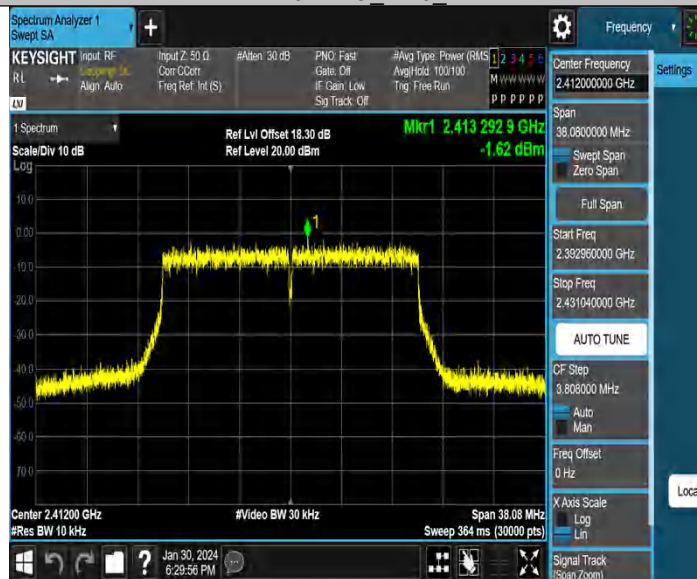
11N40MIMO Ant0 2452



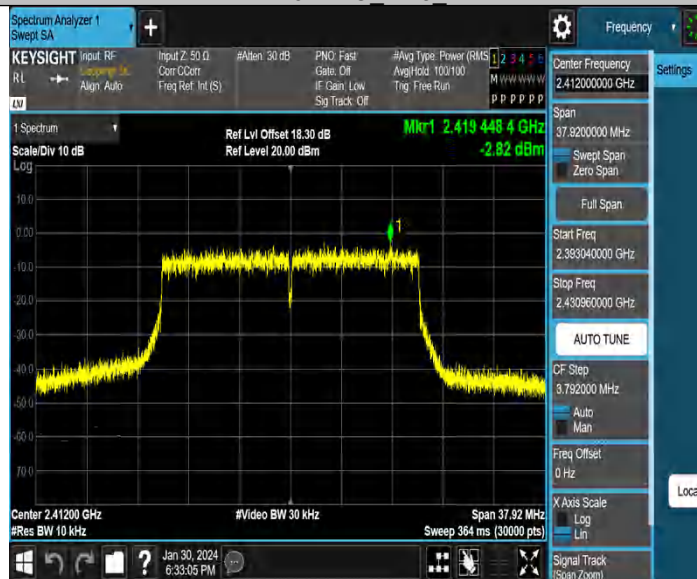
11N40MIMO Ant3 2452



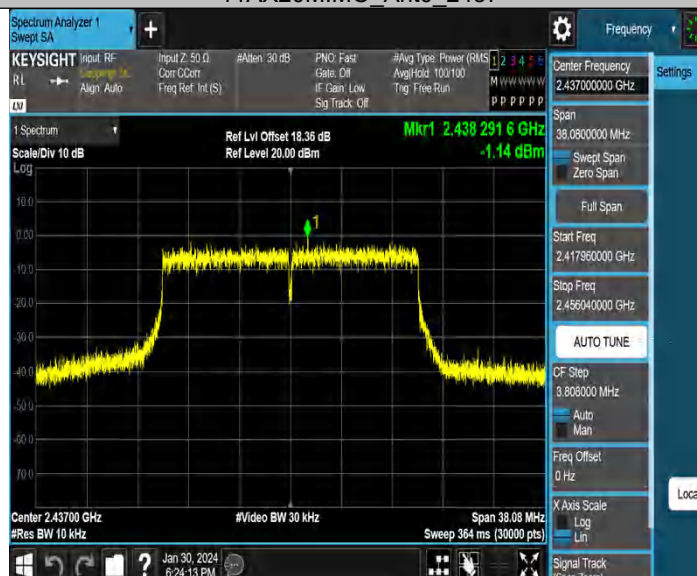
11AX20MIMO\_Ant0\_2412



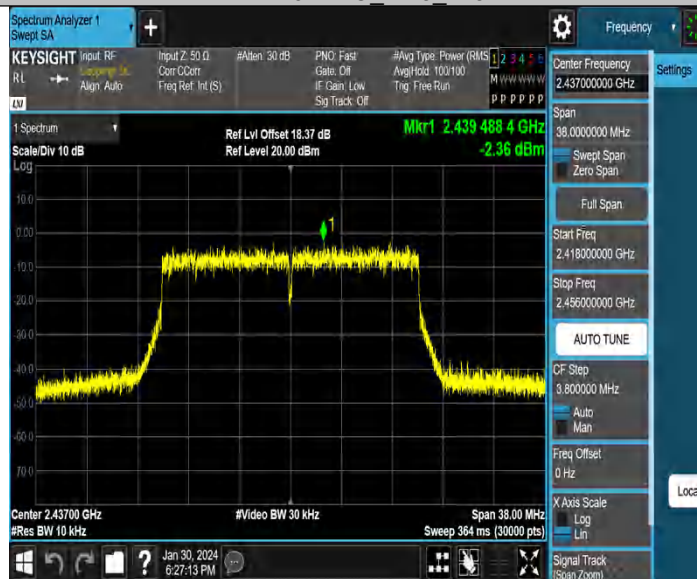
11AX20MIMO\_Ant3\_2412



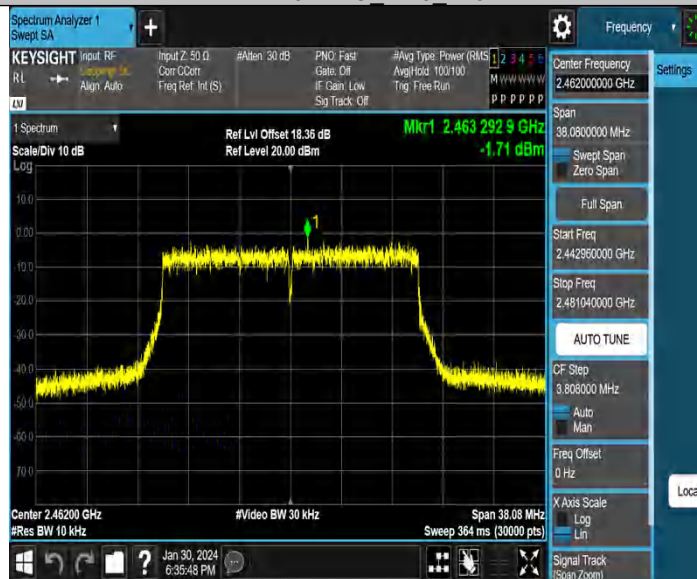
11AX20MIMO\_Ant0\_2437



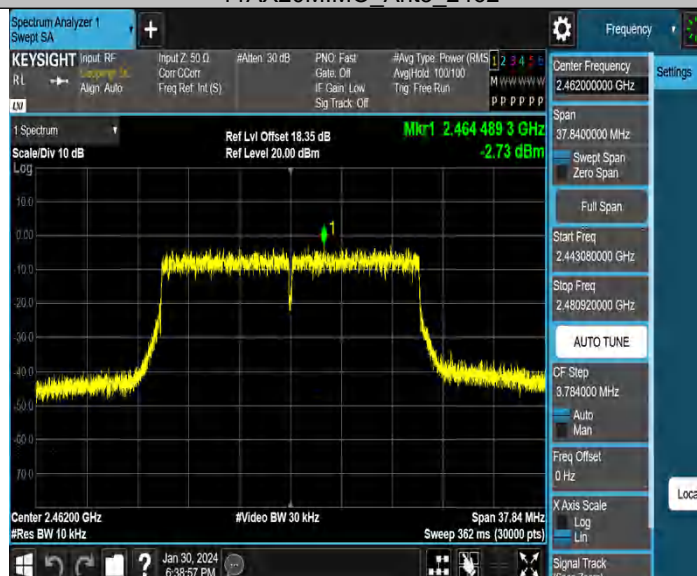
11AX20MIMO\_Ant3\_2437



11AX20MIMO\_Ant0\_2462



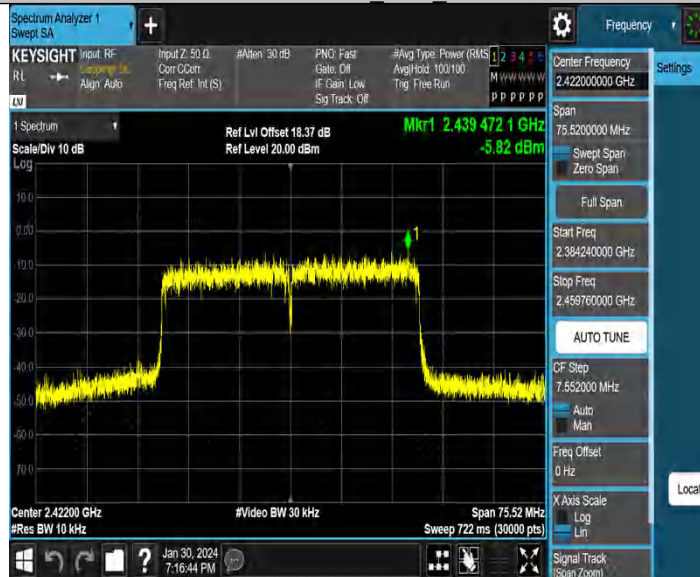
11AX20MIMO\_Ant3\_2462



11AX40MIMO\_Ant0\_2422



11AX40MIMO\_Ant3\_2422



11AX40MIMO\_Ant0\_2437



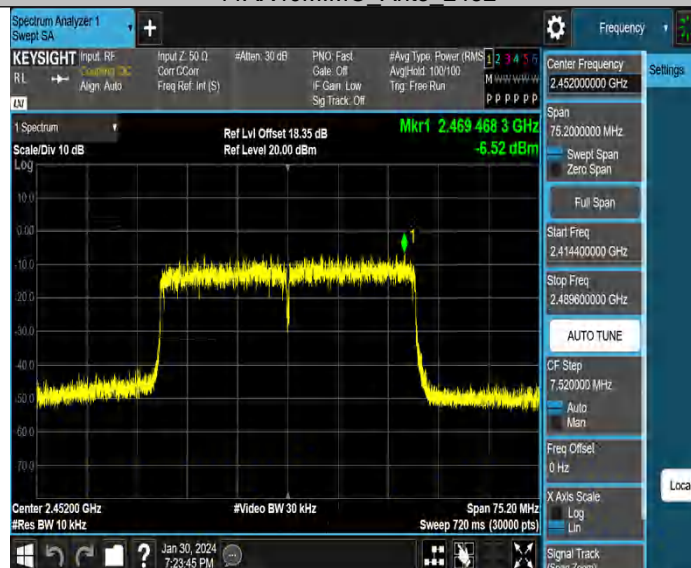
11AX40MIMO\_Ant3\_2437



11AX40MIMO\_Ant0\_2452



11AX40MIMO\_Ant3\_2452



## Appendix B.2: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+3) was presented in this report.

| TestMode   | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|--------------|----------|----------|------------|---------|
| 11B        | Ant0    | 2412    | 7.400        | 2408.440 | 2415.840 | 0.5        | PASS    |
|            | Ant3    | 2412    | 7.480        | 2408.120 | 2415.600 | 0.5        | PASS    |
|            | Ant0    | 2437    | 7.280        | 2433.280 | 2440.560 | 0.5        | PASS    |
|            | Ant3    | 2437    | 7.000        | 2433.480 | 2440.480 | 0.5        | PASS    |
|            | Ant0    | 2462    | 6.920        | 2458.760 | 2465.680 | 0.5        | PASS    |
|            | Ant3    | 2462    | 8.200        | 2458.000 | 2466.200 | 0.5        | PASS    |
| 11G        | Ant0    | 2412    | 16.480       | 2403.760 | 2420.240 | 0.5        | PASS    |
|            | Ant3    | 2412    | 16.440       | 2403.800 | 2420.240 | 0.5        | PASS    |
|            | Ant0    | 2437    | 16.480       | 2428.760 | 2445.240 | 0.5        | PASS    |
|            | Ant3    | 2437    | 16.440       | 2428.800 | 2445.240 | 0.5        | PASS    |
|            | Ant0    | 2462    | 16.480       | 2453.760 | 2470.240 | 0.5        | PASS    |
|            | Ant3    | 2462    | 16.480       | 2453.760 | 2470.240 | 0.5        | PASS    |
| 11N20MIMO  | Ant0    | 2412    | 17.720       | 2403.120 | 2420.840 | 0.5        | PASS    |
|            | Ant3    | 2412    | 17.680       | 2403.160 | 2420.840 | 0.5        | PASS    |
|            | Ant0    | 2437    | 17.760       | 2428.120 | 2445.880 | 0.5        | PASS    |
|            | Ant3    | 2437    | 17.640       | 2428.200 | 2445.840 | 0.5        | PASS    |
|            | Ant0    | 2462    | 17.680       | 2453.160 | 2470.840 | 0.5        | PASS    |
|            | Ant3    | 2462    | 17.680       | 2453.160 | 2470.840 | 0.5        | PASS    |
| 11N40MIMO  | Ant0    | 2422    | 36.400       | 2403.840 | 2440.240 | 0.5        | PASS    |
|            | Ant3    | 2422    | 36.400       | 2403.840 | 2440.240 | 0.5        | PASS    |
|            | Ant0    | 2437    | 36.160       | 2419.080 | 2455.240 | 0.5        | PASS    |
|            | Ant3    | 2437    | 36.160       | 2419.080 | 2455.240 | 0.5        | PASS    |
|            | Ant0    | 2452    | 36.400       | 2433.840 | 2470.240 | 0.5        | PASS    |
|            | Ant3    | 2452    | 36.320       | 2433.840 | 2470.160 | 0.5        | PASS    |
| 11AX20MIMO | Ant0    | 2412    | 19.040       | 2402.480 | 2421.520 | 0.5        | PASS    |
|            | Ant3    | 2412    | 18.960       | 2402.520 | 2421.480 | 0.5        | PASS    |
|            | Ant0    | 2437    | 19.040       | 2427.480 | 2446.520 | 0.5        | PASS    |
|            | Ant3    | 2437    | 19.000       | 2427.520 | 2446.520 | 0.5        | PASS    |
|            | Ant0    | 2462    | 19.040       | 2452.480 | 2471.520 | 0.5        | PASS    |
|            | Ant3    | 2462    | 18.920       | 2452.600 | 2471.520 | 0.5        | PASS    |
| 11AX40MIMO | Ant0    | 2422    | 37.760       | 2403.200 | 2440.960 | 0.5        | PASS    |
|            | Ant3    | 2422    | 37.760       | 2403.200 | 2440.960 | 0.5        | PASS    |
|            | Ant0    | 2437    | 37.600       | 2418.200 | 2455.800 | 0.5        | PASS    |
|            | Ant3    | 2437    | 37.840       | 2418.200 | 2456.040 | 0.5        | PASS    |
|            | Ant0    | 2452    | 37.760       | 2433.200 | 2470.960 | 0.5        | PASS    |
|            | Ant3    | 2452    | 37.600       | 2433.200 | 2470.800 | 0.5        | PASS    |

### 11B\_Ant0 2412



### 11B\_Ant3 2412



### 11B\_Ant0 2437



11B\_Ant3\_2437



11B\_Ant0\_2462



11B\_Ant3\_2462



11G\_Ant0\_2412



11G\_Ant3\_2412



11G\_Ant0\_2437



### 11G\_Ant3\_2437



### 11G\_Ant0\_2462



### 11G\_Ant3\_2462



### 11N20MIMO Ant0 2412



### 11N20MIMO Ant3 2412



### 11N20MIMO Ant0 2437



### 11N20MIMO Ant3 2437



### 11N20MIMO Ant0 2462



### 11N20MIMO Ant3 2462



### 11N40MIMO Ant0 2422



### 11N40MIMO Ant3 2422



### 11N40MIMO Ant0 2437



### 11N40MIMO Ant3 2437



### 11N40MIMO Ant0 2452



### 11N40MIMO Ant3 2452



### 11AX20MIMO\_Ant0\_2412



### 11AX20MIMO\_Ant3\_2412



### 11AX20MIMO\_Ant0\_2437



### 11AX20MIMO\_Ant3\_2437



### 11AX20MIMO\_Ant0\_2462



### 11AX20MIMO\_Ant3\_2462



### 11AX40MIMO\_Ant0\_2422



### 11AX40MIMO\_Ant3\_2422



### 11AX40MIMO\_Ant0\_2437



11AX40MIMO\_Ant3\_2437



11AX40MIMO\_Ant0\_2452



11AX40MIMO\_Ant3\_2452

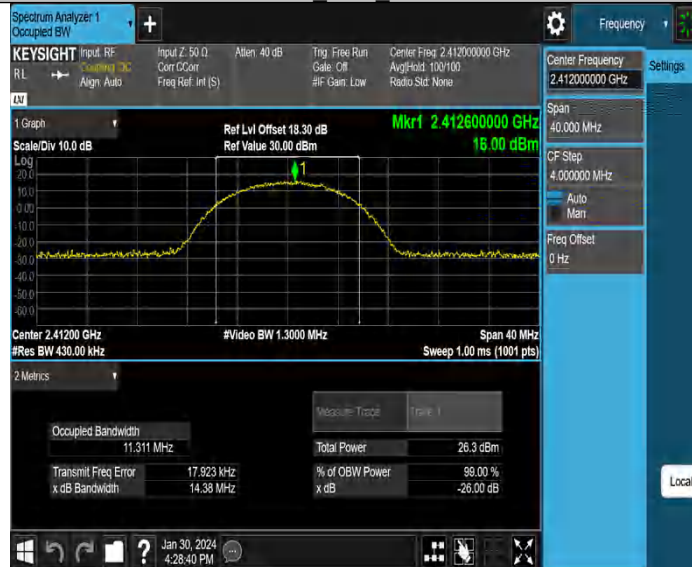


### Appendix B.3: Test Results of 99% Bandwidth

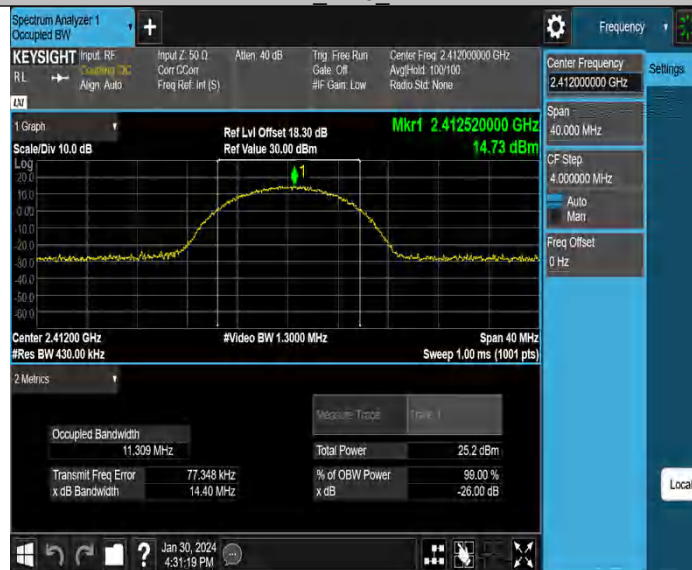
Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+3) was presented in this report.

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11B        | Ant0    | 2412    | 11.311    | 2406.3624 | 2417.6734 | ---        | PASS    |
|            | Ant3    | 2412    | 11.309    | 2406.4229 | 2417.7319 | ---        | PASS    |
|            | Ant0    | 2437    | 11.309    | 2431.4082 | 2442.7172 | ---        | PASS    |
|            | Ant3    | 2437    | 11.387    | 2431.3406 | 2442.7276 | ---        | PASS    |
|            | Ant0    | 2462    | 11.327    | 2456.3735 | 2467.7005 | ---        | PASS    |
|            | Ant3    | 2462    | 11.452    | 2456.3149 | 2467.7669 | ---        | PASS    |
| 11G        | Ant0    | 2412    | 17.166    | 2403.4898 | 2420.6558 | ---        | PASS    |
|            | Ant3    | 2412    | 17.388    | 2403.3880 | 2420.7760 | ---        | PASS    |
|            | Ant0    | 2437    | 17.255    | 2428.4853 | 2445.7403 | ---        | PASS    |
|            | Ant3    | 2437    | 17.205    | 2428.4816 | 2445.6866 | ---        | PASS    |
|            | Ant0    | 2462    | 17.224    | 2453.4991 | 2470.7231 | ---        | PASS    |
|            | Ant3    | 2462    | 17.189    | 2453.5079 | 2470.6969 | ---        | PASS    |
| 11N20MIMO  | Ant0    | 2412    | 18.218    | 2402.9310 | 2421.1490 | ---        | PASS    |
|            | Ant3    | 2412    | 18.181    | 2402.9313 | 2421.1123 | ---        | PASS    |
|            | Ant0    | 2437    | 18.192    | 2427.9671 | 2446.1591 | ---        | PASS    |
|            | Ant3    | 2437    | 18.182    | 2427.9448 | 2446.1268 | ---        | PASS    |
|            | Ant0    | 2462    | 18.284    | 2452.8993 | 2471.1833 | ---        | PASS    |
|            | Ant3    | 2462    | 18.225    | 2452.9676 | 2471.1926 | ---        | PASS    |
| 11N40MIMO  | Ant0    | 2422    | 36.571    | 2403.8301 | 2440.4011 | ---        | PASS    |
|            | Ant3    | 2422    | 36.536    | 2403.8390 | 2440.3750 | ---        | PASS    |
|            | Ant0    | 2437    | 36.605    | 2418.8323 | 2455.4373 | ---        | PASS    |
|            | Ant3    | 2437    | 36.607    | 2418.8225 | 2455.4295 | ---        | PASS    |
|            | Ant0    | 2452    | 36.507    | 2433.8890 | 2470.3960 | ---        | PASS    |
|            | Ant3    | 2452    | 36.536    | 2433.8885 | 2470.4245 | ---        | PASS    |
| 11AX20MIMO | Ant0    | 2412    | 19.192    | 2402.4328 | 2421.6248 | ---        | PASS    |
|            | Ant3    | 2412    | 19.172    | 2402.4340 | 2421.6060 | ---        | PASS    |
|            | Ant0    | 2437    | 19.171    | 2427.4421 | 2446.6131 | ---        | PASS    |
|            | Ant3    | 2437    | 19.139    | 2427.4268 | 2446.5658 | ---        | PASS    |
|            | Ant0    | 2462    | 19.167    | 2452.4166 | 2471.5836 | ---        | PASS    |
|            | Ant3    | 2462    | 19.203    | 2452.4215 | 2471.6245 | ---        | PASS    |
| 11AX40MIMO | Ant0    | 2422    | 37.705    | 2403.2736 | 2440.9786 | ---        | PASS    |
|            | Ant3    | 2422    | 37.797    | 2403.1793 | 2440.9763 | ---        | PASS    |
|            | Ant0    | 2437    | 37.721    | 2418.2752 | 2455.9962 | ---        | PASS    |
|            | Ant3    | 2437    | 37.823    | 2418.1767 | 2455.9997 | ---        | PASS    |
|            | Ant0    | 2452    | 37.837    | 2433.1854 | 2471.0224 | ---        | PASS    |
|            | Ant3    | 2452    | 37.799    | 2433.1914 | 2470.9904 | ---        | PASS    |

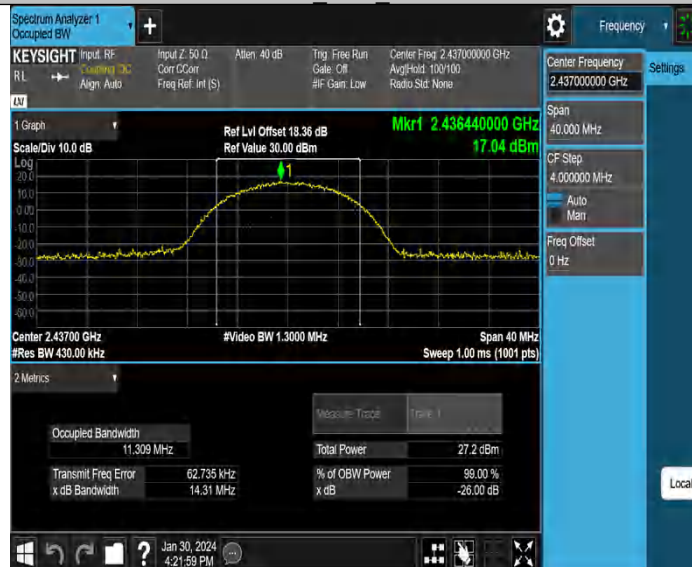
11B\_Ant0 2412



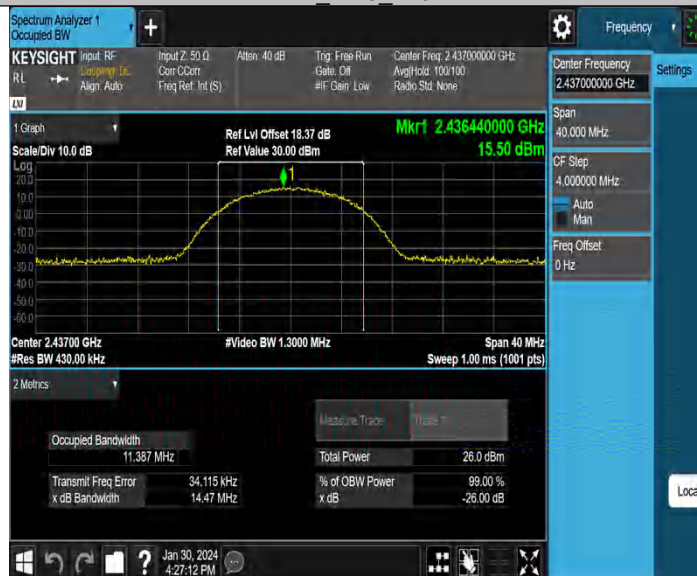
11B\_Ant3 2412



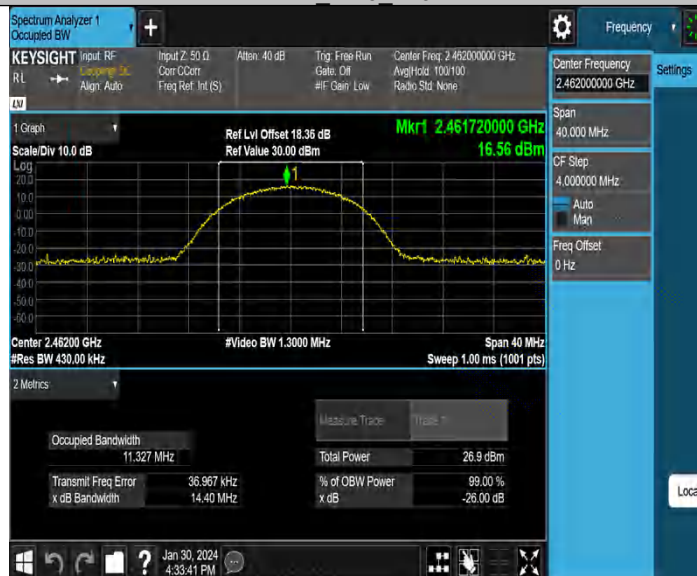
11B\_Ant0 2437



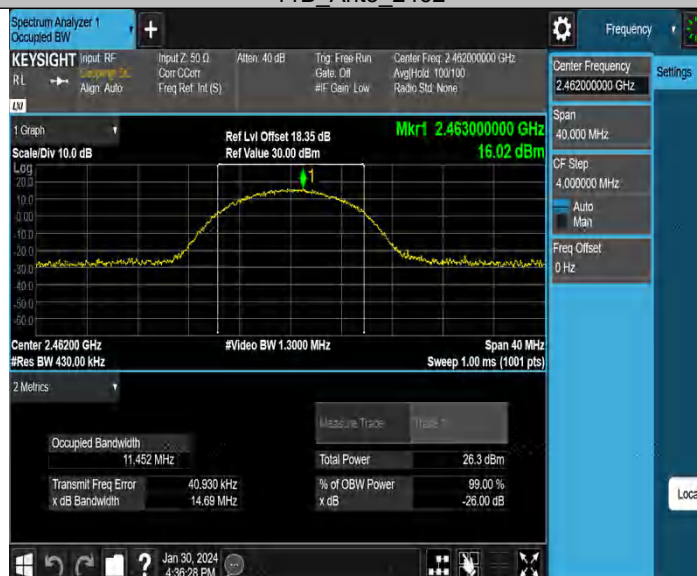
11B\_Ant3\_2437



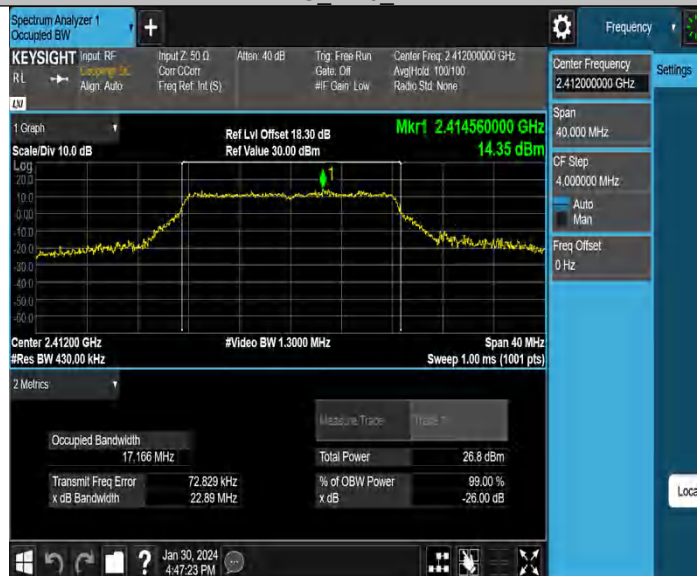
11B\_Ant0\_2462



11B\_Ant3\_2462



11G\_Ant0\_2412



11G\_Ant3\_2412



11G\_Ant0\_2437



11G\_Ant3\_2437



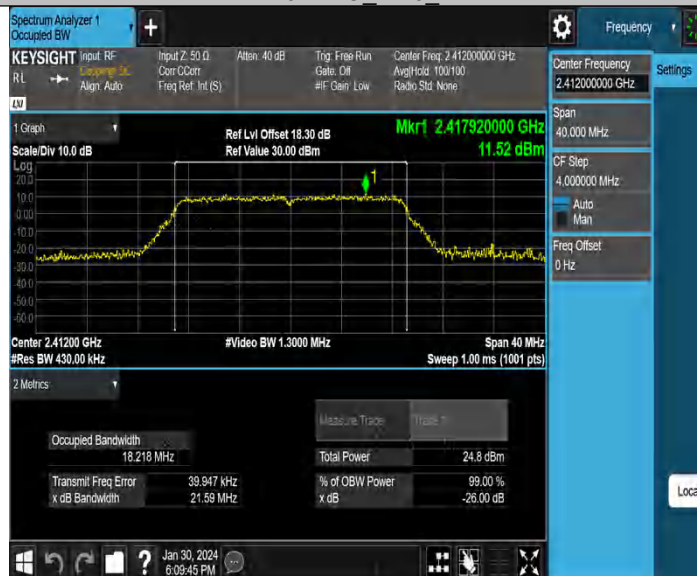
11G\_Ant0\_2462



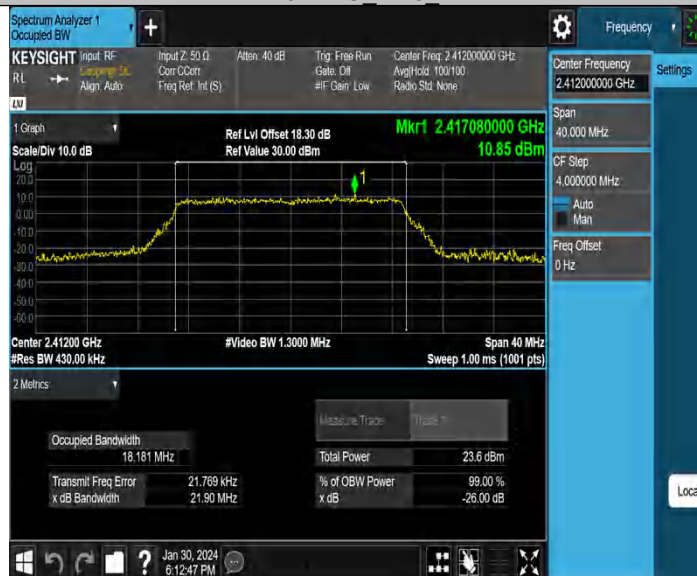
11G\_Ant3\_2462



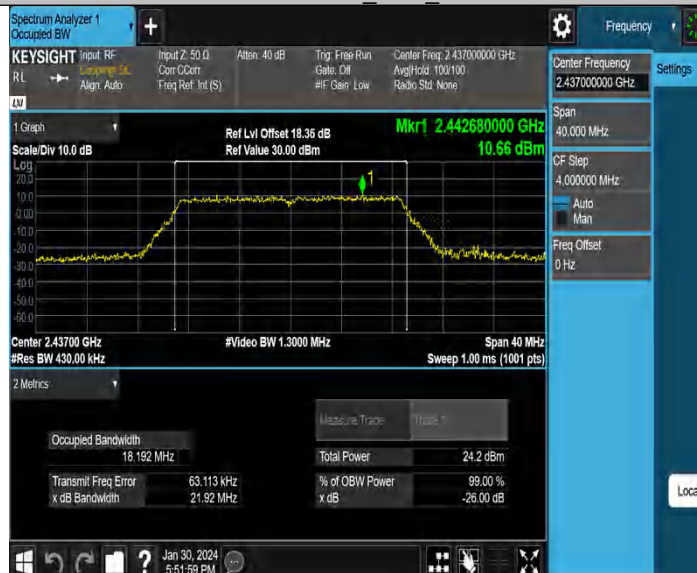
11N20MIMO Ant0 2412



11N20MIMO Ant3 2412



11N20MIMO Ant0 2437



11N20MIMO Ant3 2437



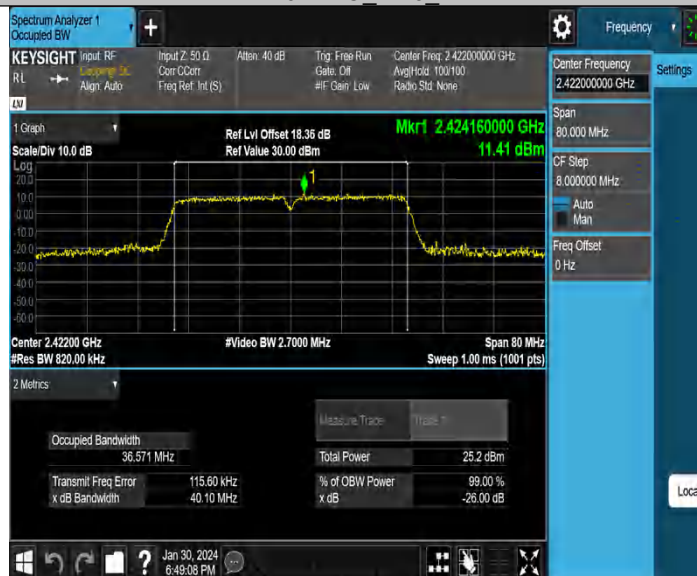
11N20MIMO Ant0 2462



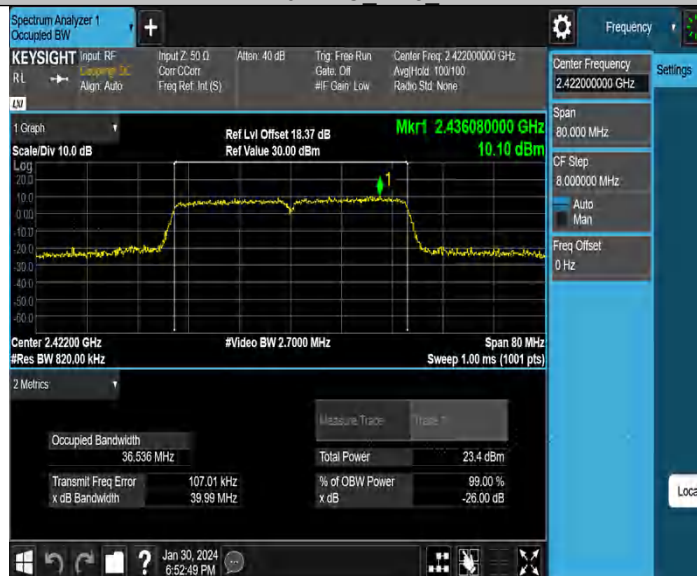
11N20MIMO Ant3 2462



11N40MIMO Ant0 2422



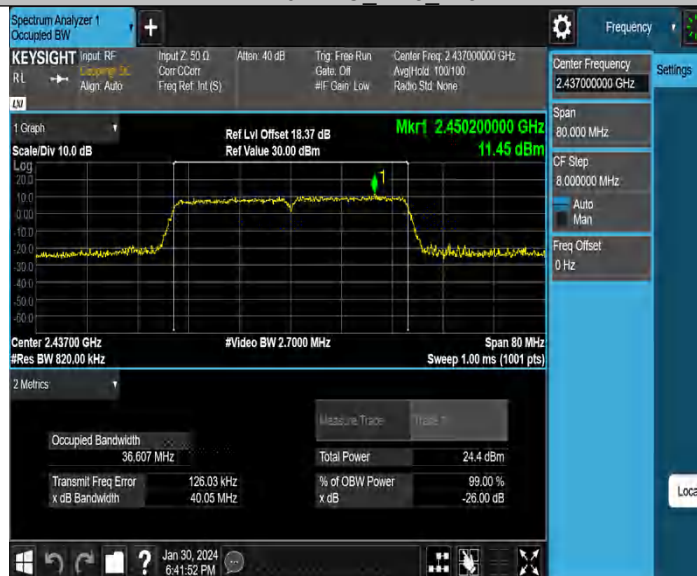
11N40MIMO Ant3 2422



11N40MIMO Ant0 2437



11N40MIMO Ant3 2437



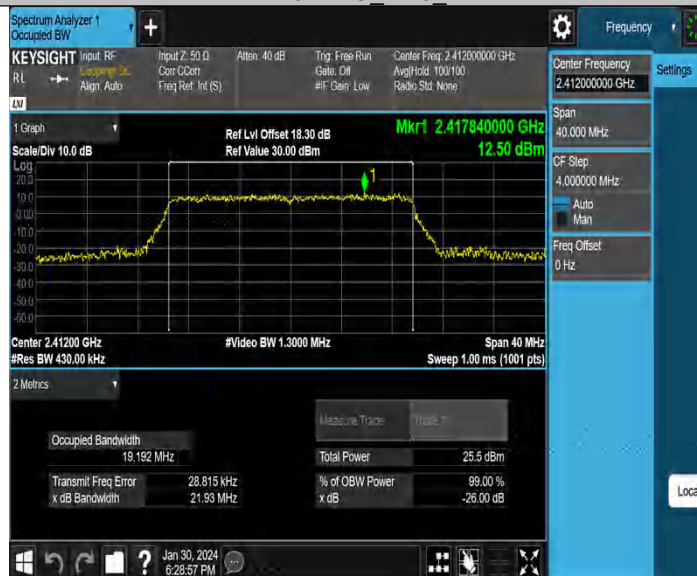
11N40MIMO Ant0 2452



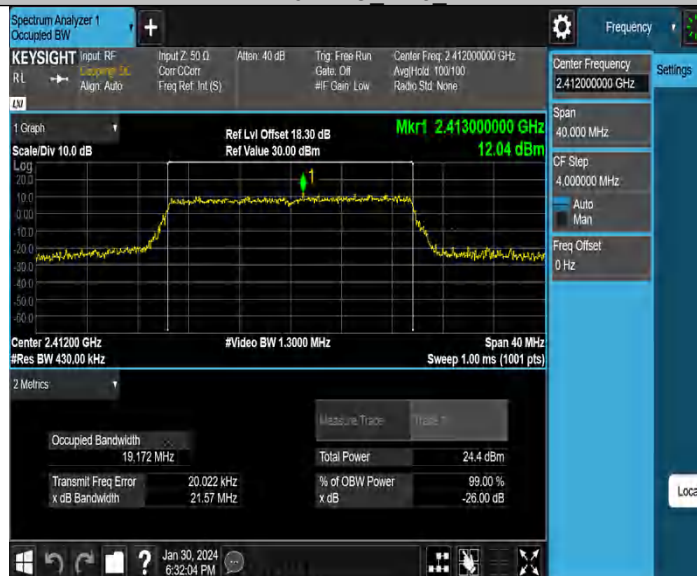
11N40MIMO Ant3 2452



11AX20MIMO\_Ant0\_2412



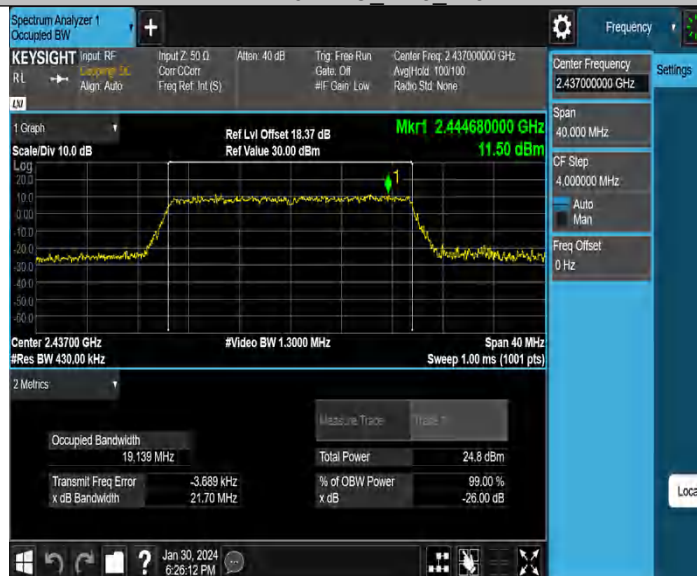
11AX20MIMO\_Ant3\_2412



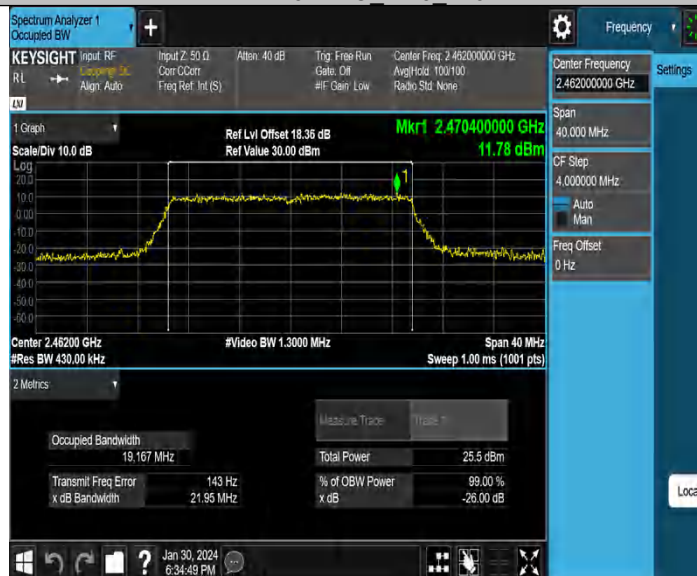
11AX20MIMO\_Ant0\_2437



11AX20MIMO\_Ant3\_2437



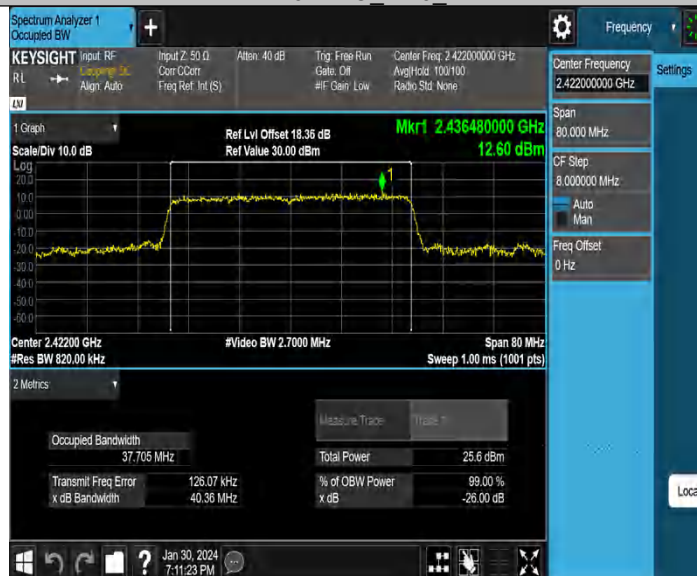
11AX20MIMO\_Ant0\_2462



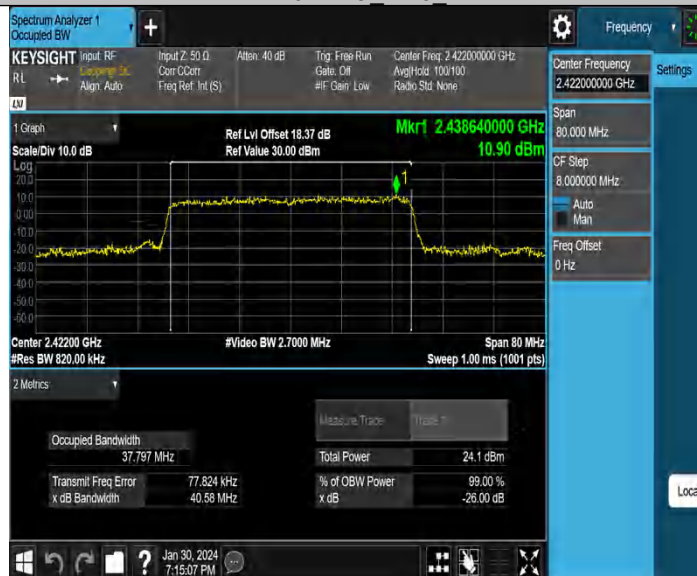
11AX20MIMO\_Ant3\_2462



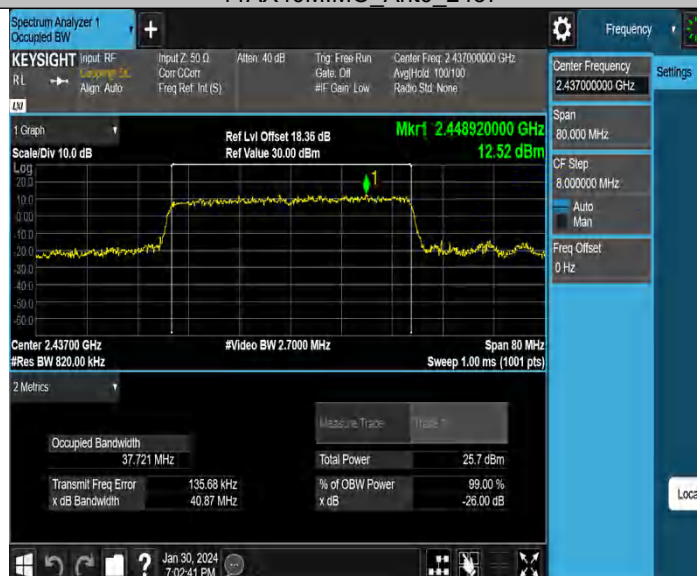
11AX40MIMO\_Ant0\_2422



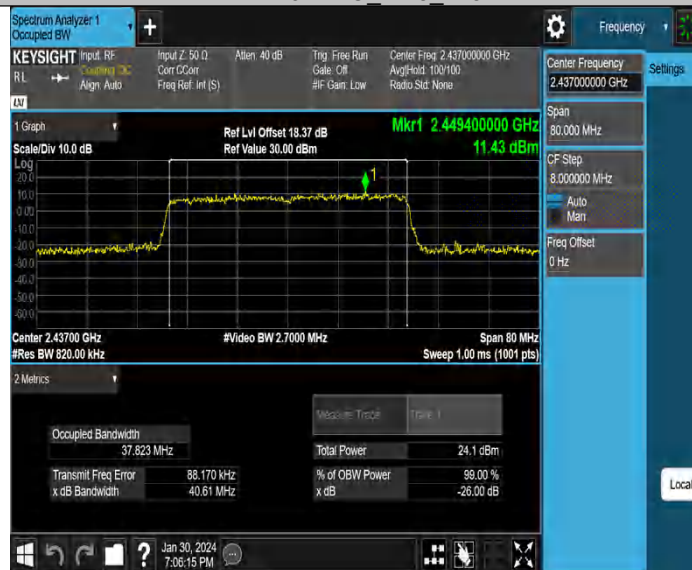
11AX40MIMO\_Ant3\_2422



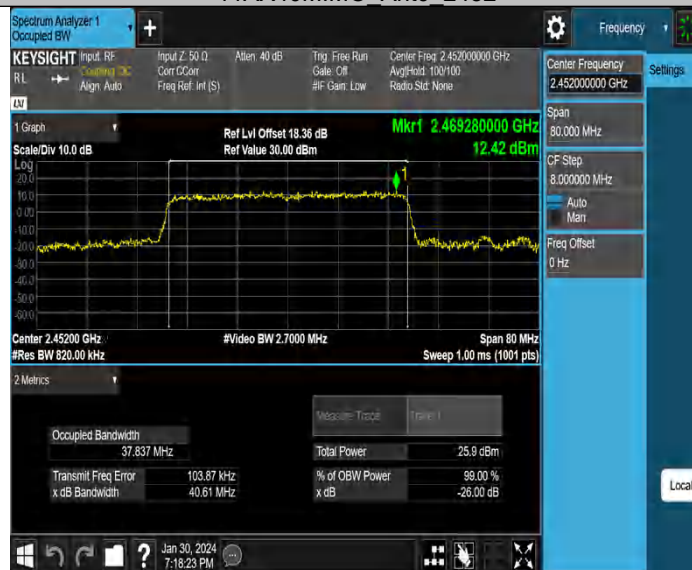
11AX40MIMO\_Ant0\_2437



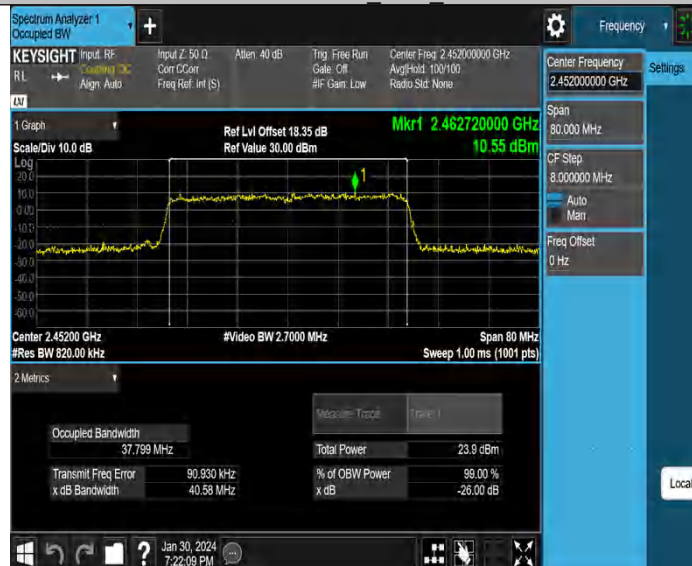
11AX40MIMO\_Ant3\_2437



11AX40MIMO\_Ant0\_2452



11AX40MIMO\_Ant3\_2452



## Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

### Band Edge

| TestMode   | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|------------|--------|---------|---------------|-------------|---------------|---------|
| 11B        | Low    | 2412    | 12.93         | -37.76      | $\leq -7.07$  | PASS    |
|            | High   | 2462    | 12.77         | -38.8       | $\leq -7.23$  | PASS    |
| 11G        | Low    | 2412    | 9.54          | -23.34      | $\leq -10.46$ | PASS    |
|            | High   | 2462    | 9.62          | -28.75      | $\leq -10.38$ | PASS    |
| 11N20MIMO  | Low    | 2412    | 7.33          | -28.65      | $\leq -12.67$ | PASS    |
|            | High   | 2462    | 7.55          | -31.54      | $\leq -12.45$ | PASS    |
| 11N40MIMO  | Low    | 2422    | 4.49          | -27.87      | $\leq -15.51$ | PASS    |
|            | High   | 2452    | 4.56          | -30.36      | $\leq -15.44$ | PASS    |
| 11AX20MIMO | Low    | 2412    | 7.39          | -28.58      | $\leq -12.61$ | PASS    |
|            | High   | 2462    | 7.41          | -33.33      | $\leq -12.59$ | PASS    |
| 11AX40MIMO | Low    | 2422    | 4.17          | -26.55      | $\leq -15.83$ | PASS    |
|            | High   | 2452    | 4.81          | -26.35      | $\leq -15.19$ | PASS    |

### 11B Ant0 Low 2412



### 11B Ant0 High 2462



### 11G Ant0 Low 2412



### 11G\_Ant0\_High\_2462



### 11N20MIMO\_Ant0\_Low\_2412



### 11N20MIMO\_Ant0\_High\_2462



### 11N40MIMO\_Ant0\_Low\_2422



### 11N40MIMO\_Ant0\_High\_2452



### 11AX20MIMO\_Ant0\_Low\_2412



11AX20MIMO\_Ant0\_High\_2462



11AX40MIMO\_Ant0\_Low\_2422



11AX40MIMO\_Ant0\_High\_2452



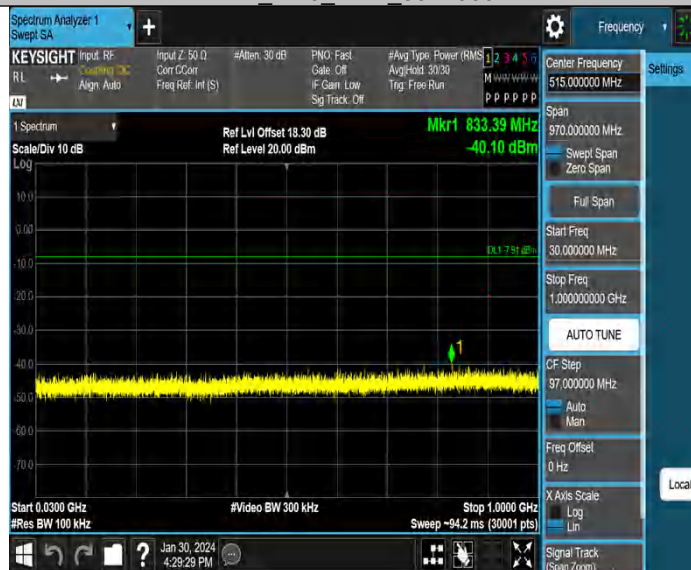
### Conducted Spurious Emission

| TestMode   | Channel | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|----------------|--------------|-------------|---------|
| 11B        | 2412    | Reference       | 12.09          | 12.09        | ---         | PASS    |
|            |         | 30~1000         | 12.09          | -40.1        | ≤-7.91      | PASS    |
|            |         | 1000~26500      | 12.09          | -31.9        | ≤-7.91      | PASS    |
|            | 2437    | Reference       | 14.42          | 14.42        | ---         | PASS    |
|            |         | 30~1000         | 14.42          | -40.47       | ≤-5.58      | PASS    |
|            |         | 1000~26500      | 14.42          | -29.77       | ≤-5.58      | PASS    |
|            | 2462    | Reference       | 12.42          | 12.42        | ---         | PASS    |
|            |         | 30~1000         | 12.42          | -40.22       | ≤-7.58      | PASS    |
|            |         | 1000~26500      | 12.42          | -31.96       | ≤-7.58      | PASS    |
| 11G        | 2412    | Reference       | 8.68           | 8.68         | ---         | PASS    |
|            |         | 30~1000         | 8.68           | -40.92       | ≤-11.32     | PASS    |
|            |         | 1000~26500      | 8.68           | -30.8        | ≤-11.32     | PASS    |
|            | 2437    | Reference       | 8.20           | 8.20         | ---         | PASS    |
|            |         | 30~1000         | 8.20           | -39.95       | ≤-11.8      | PASS    |
|            |         | 1000~26500      | 8.20           | -31.47       | ≤-11.8      | PASS    |
|            | 2462    | Reference       | 8.65           | 8.65         | ---         | PASS    |
|            |         | 30~1000         | 8.65           | -40.7        | ≤-11.35     | PASS    |
|            |         | 1000~26500      | 8.65           | -31.4        | ≤-11.35     | PASS    |
| 11N20MIMO  | 2412    | Reference       | 7.09           | 7.09         | ---         | PASS    |
|            |         | 30~1000         | 7.09           | -39.38       | ≤-12.91     | PASS    |
|            |         | 1000~26500      | 7.09           | -31.11       | ≤-12.91     | PASS    |
|            | 2437    | Reference       | 7.89           | 7.89         | ---         | PASS    |
|            |         | 30~1000         | 7.89           | -40.53       | ≤-12.11     | PASS    |
|            |         | 1000~26500      | 7.89           | -31.62       | ≤-12.11     | PASS    |
|            | 2462    | Reference       | 7.13           | 7.13         | ---         | PASS    |
|            |         | 30~1000         | 7.13           | -40.21       | ≤-12.87     | PASS    |
|            |         | 1000~26500      | 7.13           | -31.34       | ≤-12.87     | PASS    |
| 11N40MIMO  | 2422    | Reference       | 4.73           | 4.73         | ---         | PASS    |
|            |         | 30~1000         | 4.73           | -40.71       | ≤-15.27     | PASS    |
|            |         | 1000~26500      | 4.73           | -30.01       | ≤-15.27     | PASS    |
|            | 2437    | Reference       | 4.49           | 4.49         | ---         | PASS    |
|            |         | 30~1000         | 4.49           | -40.94       | ≤-15.51     | PASS    |
|            |         | 1000~26500      | 4.49           | -31.41       | ≤-15.51     | PASS    |
|            | 2452    | Reference       | 4.40           | 4.40         | ---         | PASS    |
|            |         | 30~1000         | 4.40           | -40.27       | ≤-15.6      | PASS    |
|            |         | 1000~26500      | 4.40           | -31.84       | ≤-15.6      | PASS    |
| 11AX20MIMO | 2412    | Reference       | 6.92           | 6.92         | ---         | PASS    |
|            |         | 30~1000         | 6.92           | -40.53       | ≤-13.08     | PASS    |
|            |         | 1000~26500      | 6.92           | -30.84       | ≤-13.08     | PASS    |
|            | 2437    | Reference       | 7.59           | 7.59         | ---         | PASS    |
|            |         | 30~1000         | 7.59           | -40.52       | ≤-12.41     | PASS    |
|            |         | 1000~26500      | 7.59           | -31.5        | ≤-12.41     | PASS    |
|            | 2462    | Reference       | 7.12           | 7.12         | ---         | PASS    |
|            |         | 30~1000         | 7.12           | -40.03       | ≤-12.88     | PASS    |
|            |         | 1000~26500      | 7.12           | -30.79       | ≤-12.88     | PASS    |
| 11AX40MIMO | 2422    | Reference       | 4.46           | 4.46         | ---         | PASS    |
|            |         | 30~1000         | 4.46           | -39.58       | ≤-15.54     | PASS    |
|            |         | 1000~26500      | 4.46           | -30.79       | ≤-15.54     | PASS    |
|            | 2437    | Reference       | 4.33           | 4.33         | ---         | PASS    |
|            |         | 30~1000         | 4.33           | -40.27       | ≤-15.67     | PASS    |
|            |         | 1000~26500      | 4.33           | -31.06       | ≤-15.67     | PASS    |
|            | 2452    | Reference       | 4.60           | 4.60         | ---         | PASS    |
|            |         | 30~1000         | 4.60           | -40.09       | ≤-15.4      | PASS    |
|            |         | 1000~26500      | 4.60           | -31.04       | ≤-15.4      | PASS    |

### 11B\_Ant0\_2412\_0~Reference



### 11B\_Ant0\_2412\_30~1000



### 11B\_Ant0\_2412\_1000~26500



11B\_Ant0\_2437\_0~Reference



11B\_Ant0\_2437\_30~1000



11B\_Ant0\_2437\_1000~26500



### 11B\_Ant0\_2462\_0~Reference



### 11B\_Ant0\_2462\_30~1000



### 11B\_Ant0\_2462\_1000~26500



11G\_Ant0\_2412\_0~Reference



11G\_Ant0\_2412\_30~1000



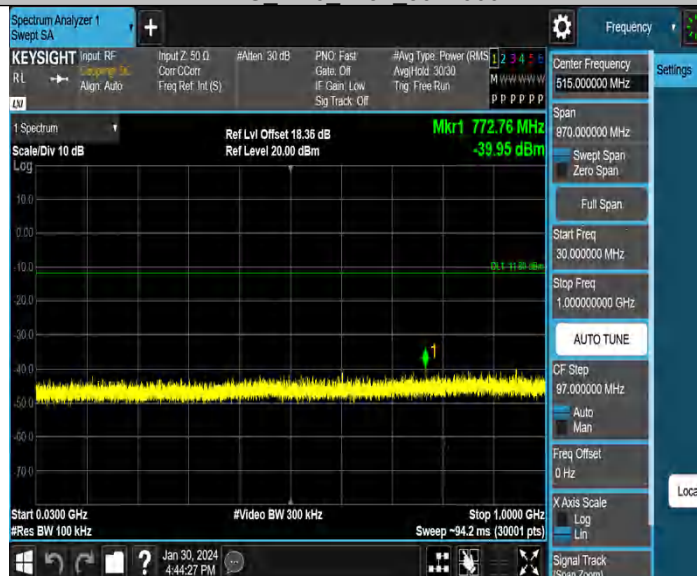
11G\_Ant0\_2412\_1000~26500



### 11G\_Ant0\_2437\_0~Reference



### 11G\_Ant0\_2437\_30~1000



### 11G\_Ant0\_2437\_1000~26500



### 11G\_Ant0\_2462\_0~Reference



### 11G\_Ant0\_2462\_30~1000



### 11G\_Ant0\_2462\_1000~26500

