

## APPENDIX B:

### WLAN

### DTS BANDWIDTH TEST RESULT

| TestMode   | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B-CDD    | Ant8    | 2412           | 8.000        | 2408.000 | 2416.000 | 0.5        | PASS    |
|            | Ant9    | 2412           | 8.080        | 2407.960 | 2416.040 | 0.5        | PASS    |
|            | Ant8    | 2437           | 8.040        | 2433.000 | 2441.040 | 0.5        | PASS    |
|            | Ant9    | 2437           | 8.000        | 2433.000 | 2441.000 | 0.5        | PASS    |
|            | Ant8    | 2462           | 8.040        | 2457.960 | 2466.000 | 0.5        | PASS    |
|            | Ant9    | 2462           | 8.080        | 2457.960 | 2466.040 | 0.5        | PASS    |
| 11G-CDD    | Ant8    | 2412           | 16.360       | 2403.840 | 2420.200 | 0.5        | PASS    |
|            | Ant9    | 2412           | 16.320       | 2403.840 | 2420.160 | 0.5        | PASS    |
|            | Ant8    | 2437           | 16.320       | 2428.840 | 2445.160 | 0.5        | PASS    |
|            | Ant9    | 2437           | 16.320       | 2428.840 | 2445.160 | 0.5        | PASS    |
|            | Ant8    | 2462           | 16.360       | 2453.800 | 2470.160 | 0.5        | PASS    |
|            | Ant9    | 2462           | 16.320       | 2453.840 | 2470.160 | 0.5        | PASS    |
| 11N20MIMO  | Ant8    | 2412           | 17.640       | 2403.200 | 2420.840 | 0.5        | PASS    |
|            | Ant9    | 2412           | 17.160       | 2403.600 | 2420.760 | 0.5        | PASS    |
|            | Ant8    | 2437           | 17.560       | 2428.200 | 2445.760 | 0.5        | PASS    |
|            | Ant9    | 2437           | 17.640       | 2428.200 | 2445.840 | 0.5        | PASS    |
|            | Ant8    | 2462           | 17.200       | 2453.200 | 2470.400 | 0.5        | PASS    |
|            | Ant9    | 2462           | 17.600       | 2453.200 | 2470.800 | 0.5        | PASS    |
| 11N40MIMO  | Ant8    | 2422           | 34.400       | 2405.120 | 2439.520 | 0.5        | PASS    |
|            | Ant9    | 2422           | 35.040       | 2404.480 | 2439.520 | 0.5        | PASS    |
|            | Ant8    | 2437           | 35.600       | 2418.840 | 2454.440 | 0.5        | PASS    |
|            | Ant9    | 2437           | 36.320       | 2418.840 | 2455.160 | 0.5        | PASS    |
|            | Ant8    | 2452           | 35.600       | 2434.160 | 2469.760 | 0.5        | PASS    |
|            | Ant9    | 2452           | 36.320       | 2433.840 | 2470.160 | 0.5        | PASS    |
| 11AX20MIMO | Ant8    | 2412           | 18.120       | 2403.360 | 2421.480 | 0.5        | PASS    |
|            | Ant9    | 2412           | 18.800       | 2402.640 | 2421.440 | 0.5        | PASS    |
|            | Ant8    | 2437           | 18.960       | 2427.480 | 2446.440 | 0.5        | PASS    |
|            | Ant9    | 2437           | 18.760       | 2427.720 | 2446.480 | 0.5        | PASS    |
|            | Ant8    | 2462           | 18.760       | 2452.560 | 2471.320 | 0.5        | PASS    |
|            | Ant9    | 2462           | 19.000       | 2452.520 | 2471.520 | 0.5        | PASS    |
| 11AX40MIMO | Ant8    | 2422           | 36.400       | 2403.120 | 2439.520 | 0.5        | PASS    |
|            | Ant9    | 2422           | 37.280       | 2403.280 | 2440.560 | 0.5        | PASS    |
|            | Ant8    | 2437           | 38.080       | 2417.960 | 2456.040 | 0.5        | PASS    |
|            | Ant9    | 2437           | 37.520       | 2418.120 | 2455.640 | 0.5        | PASS    |
|            | Ant8    | 2452           | 37.840       | 2433.040 | 2470.880 | 0.5        | PASS    |
|            | Ant9    | 2452           | 34.800       | 2435.680 | 2470.480 | 0.5        | PASS    |

## TEST GRAPHS





11B-CDD Ant9 2437



11B-CDD Ant8 2462



Reference No.: PSU-QSU2509010111RF02



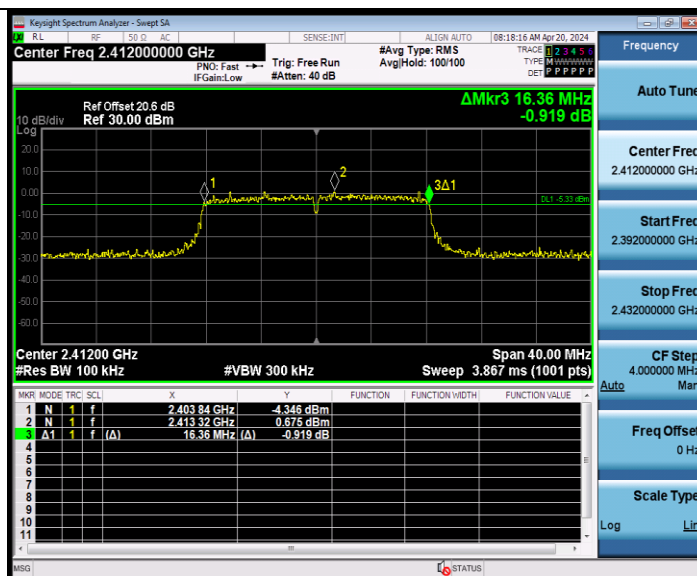
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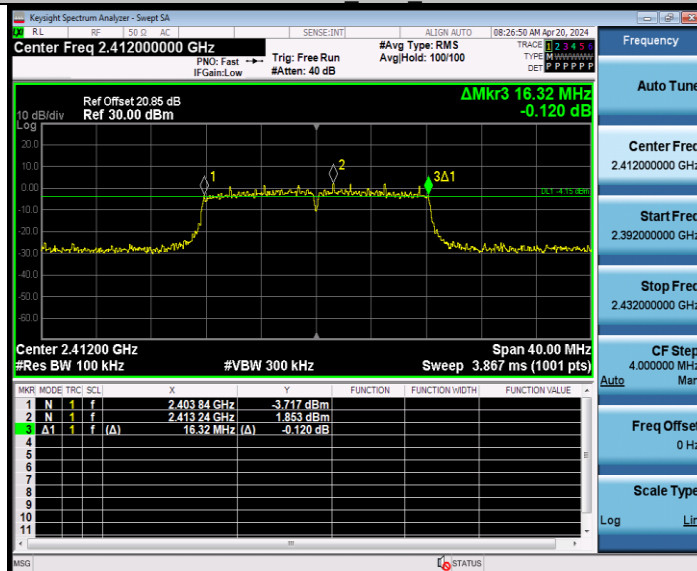
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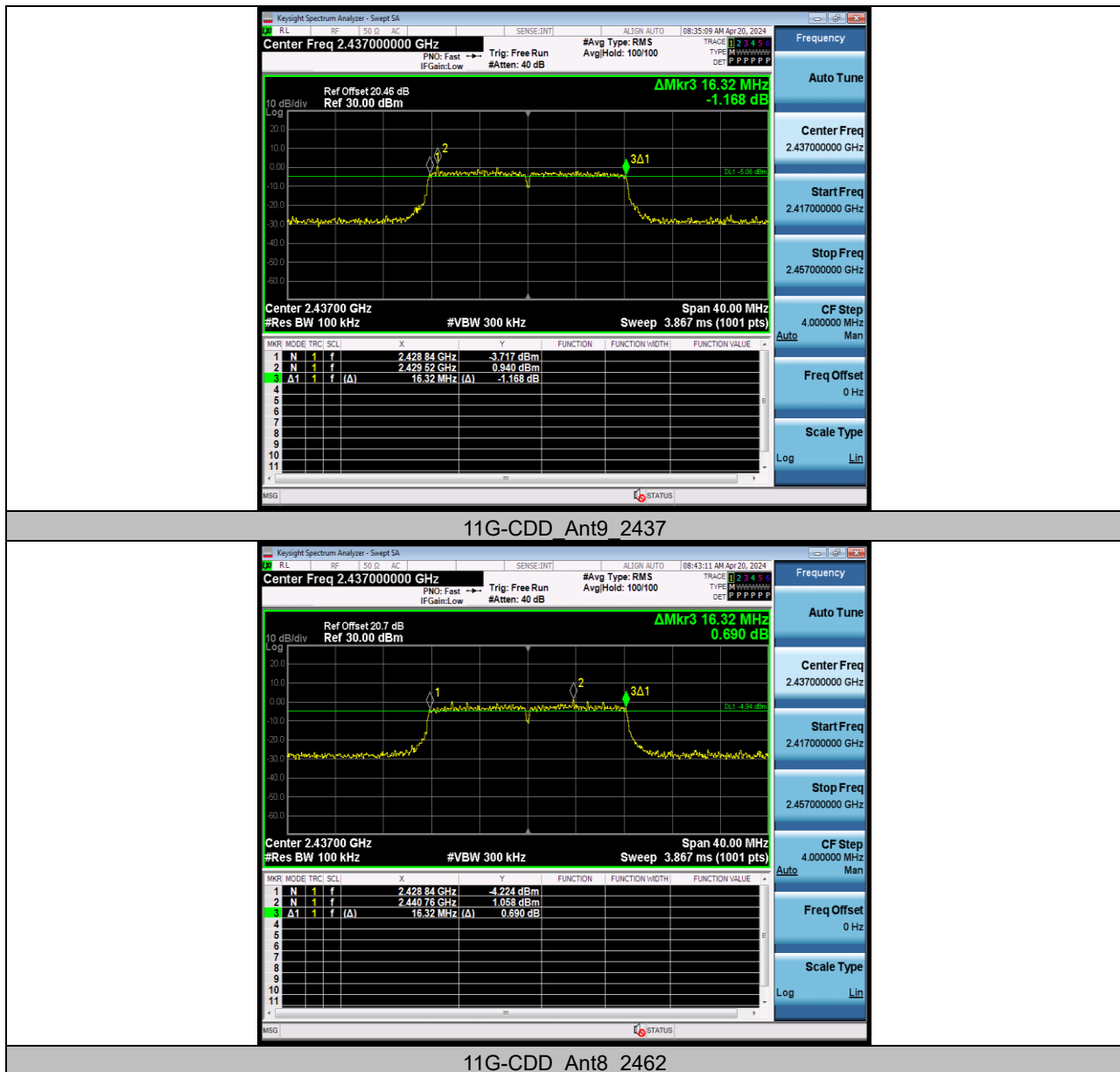
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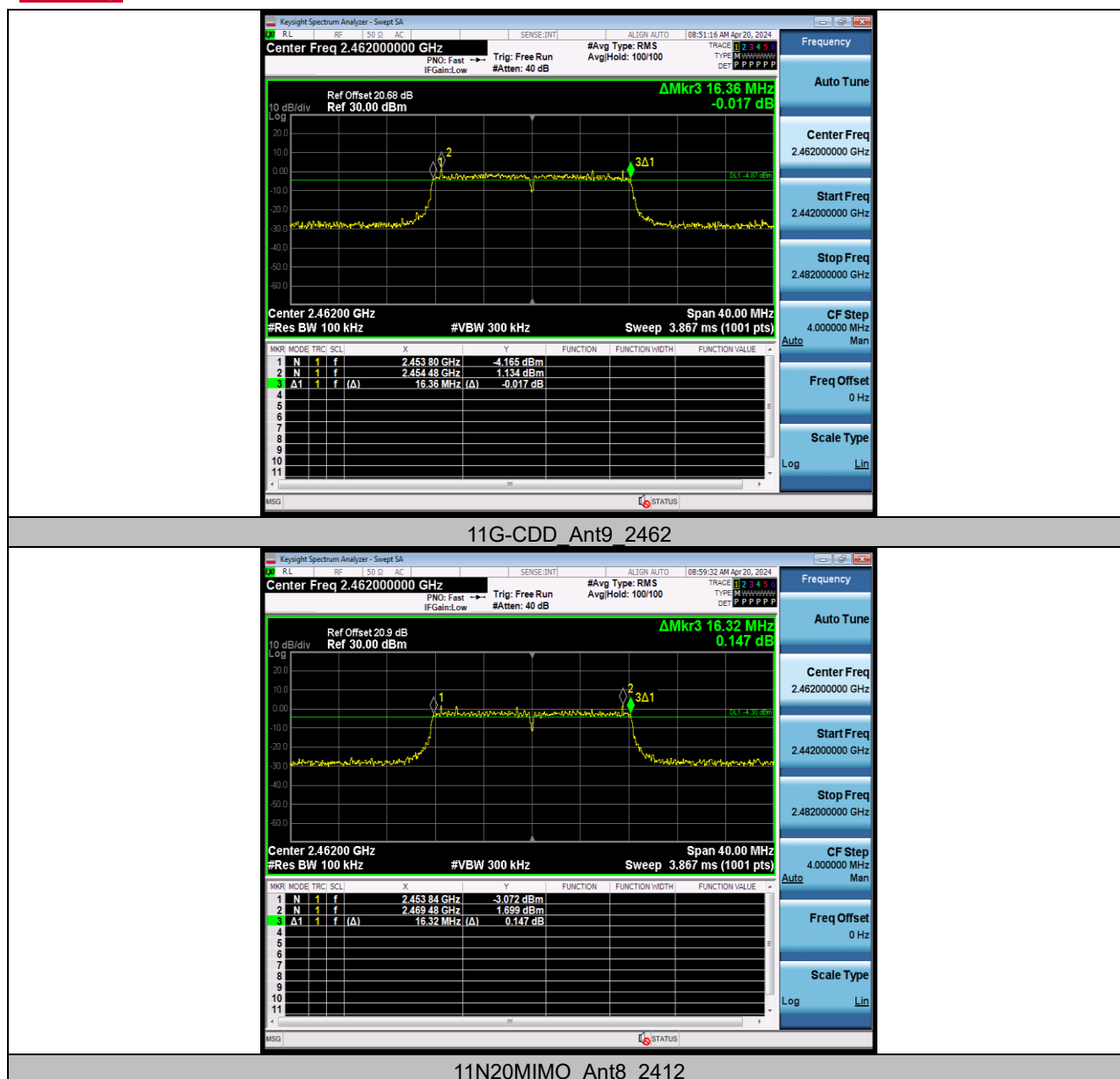


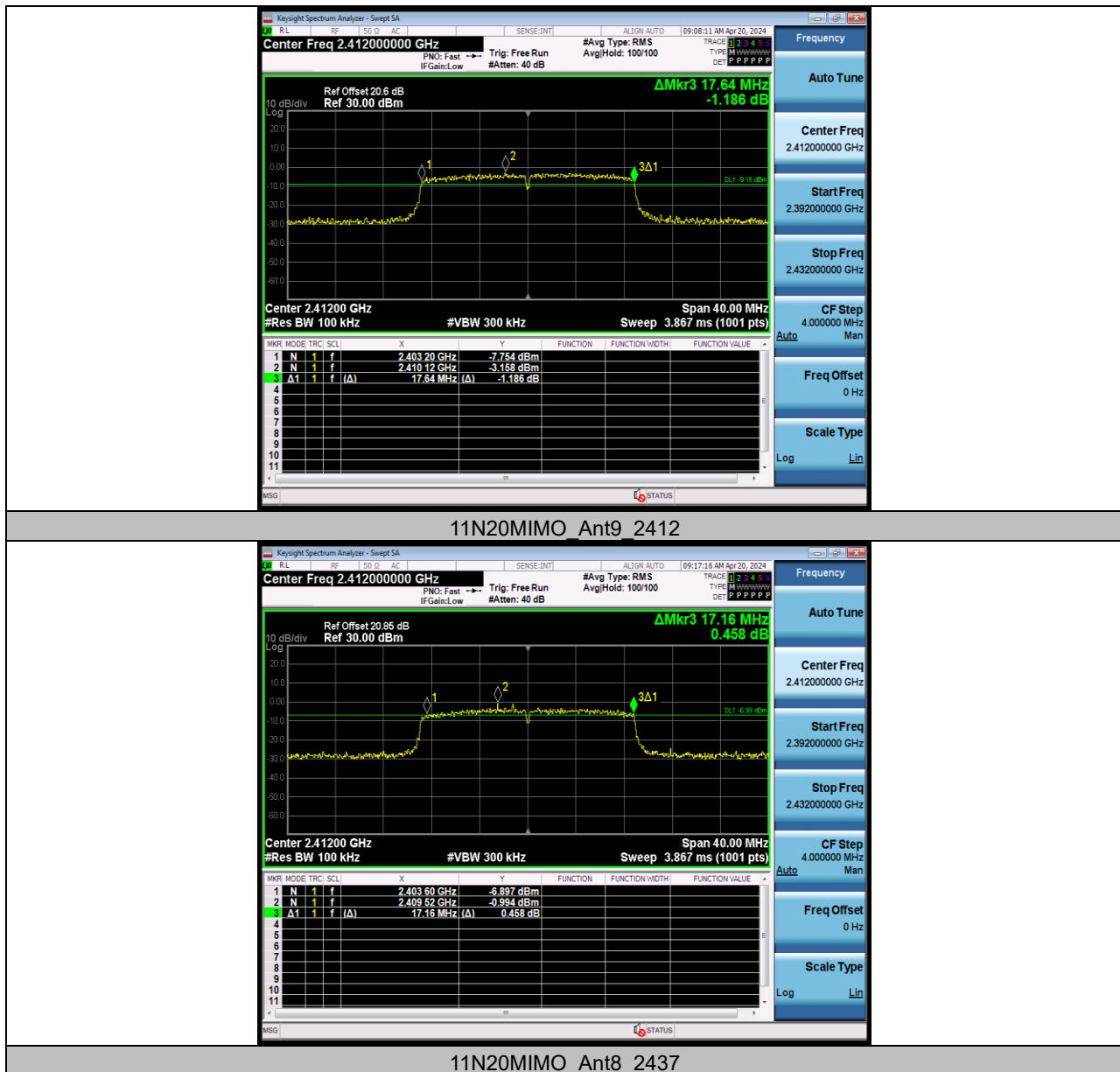
11G-CDD Ant9 2412



11G-CDD Ant8 2437

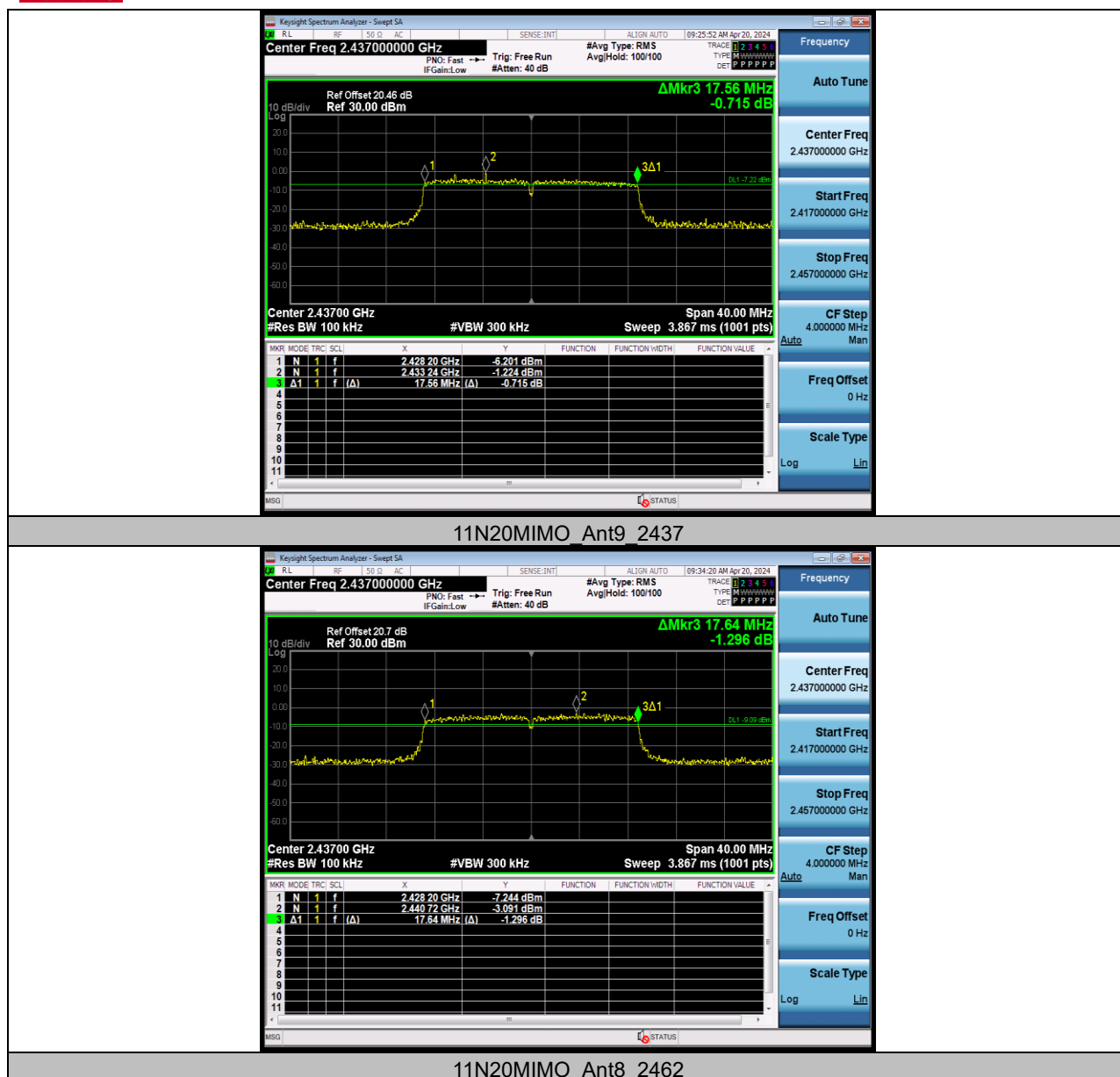


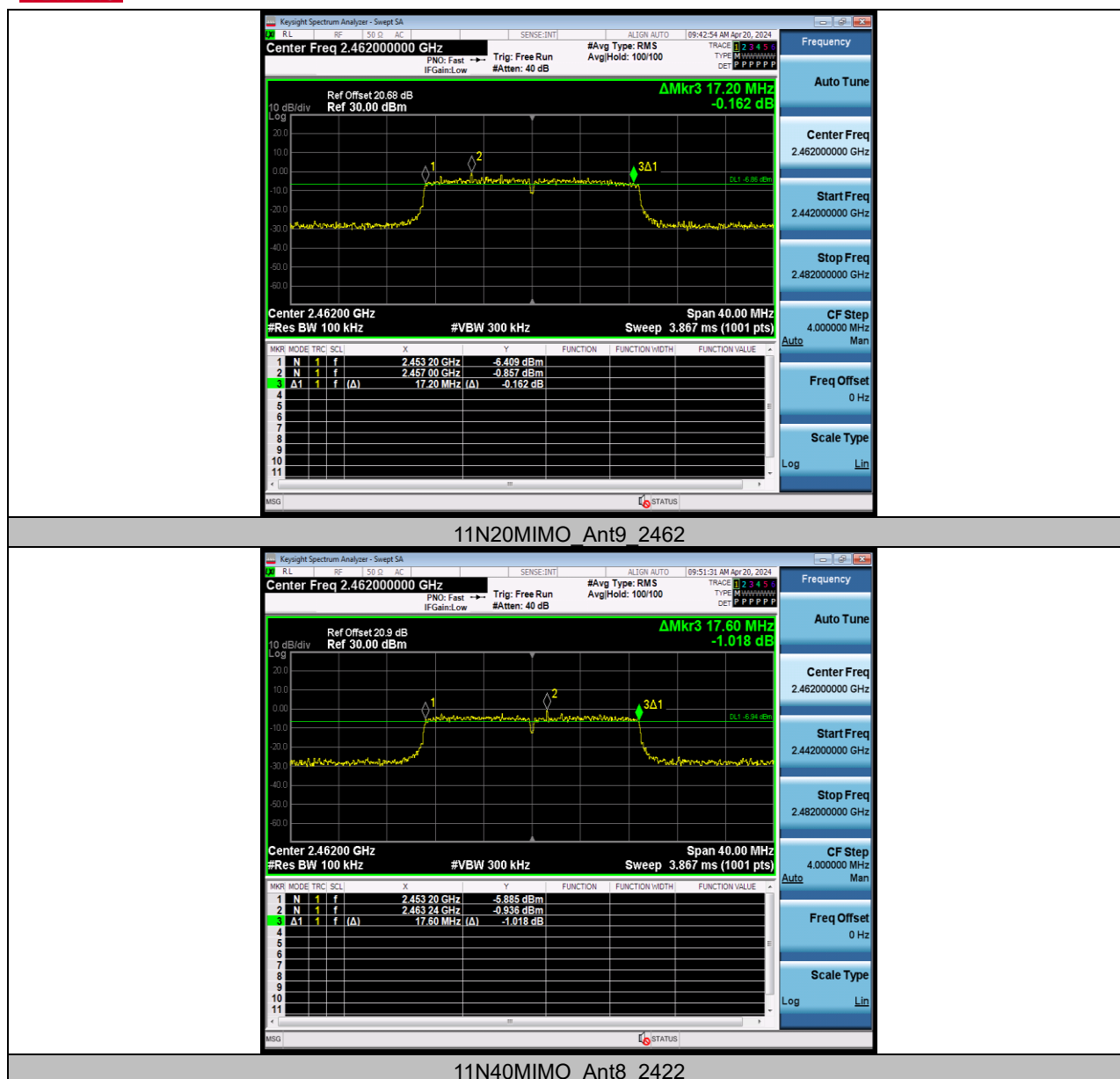


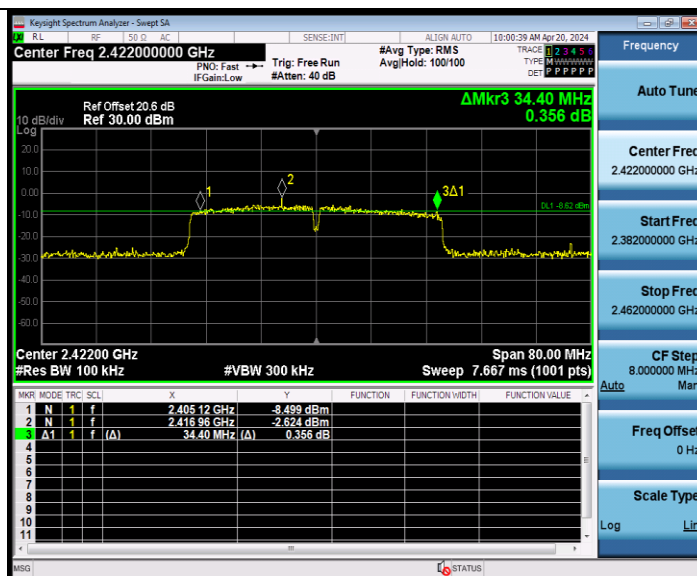




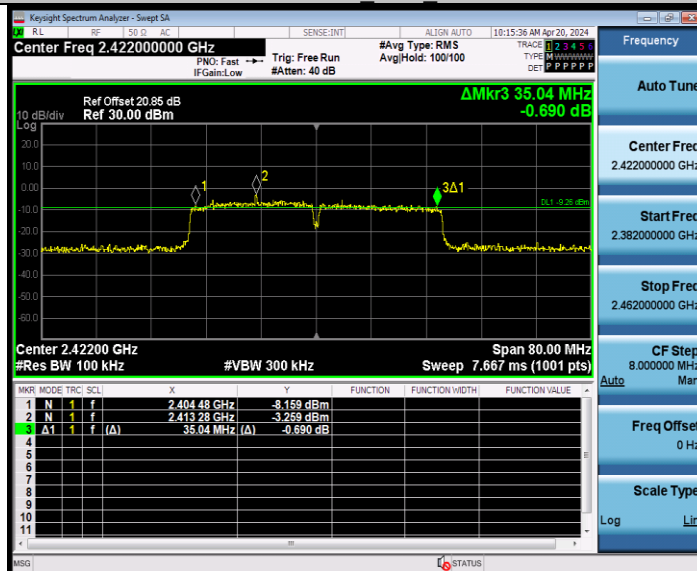
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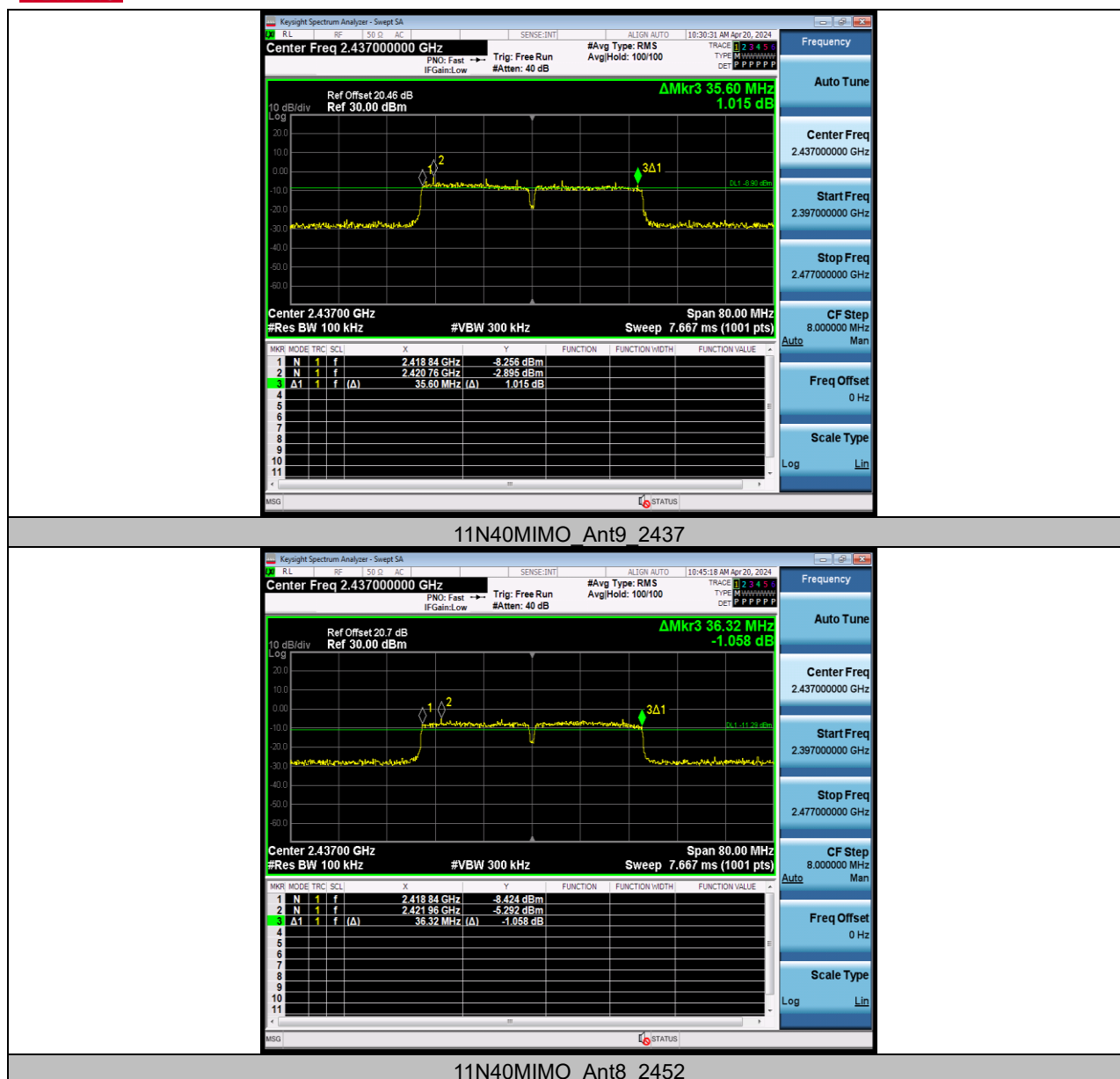




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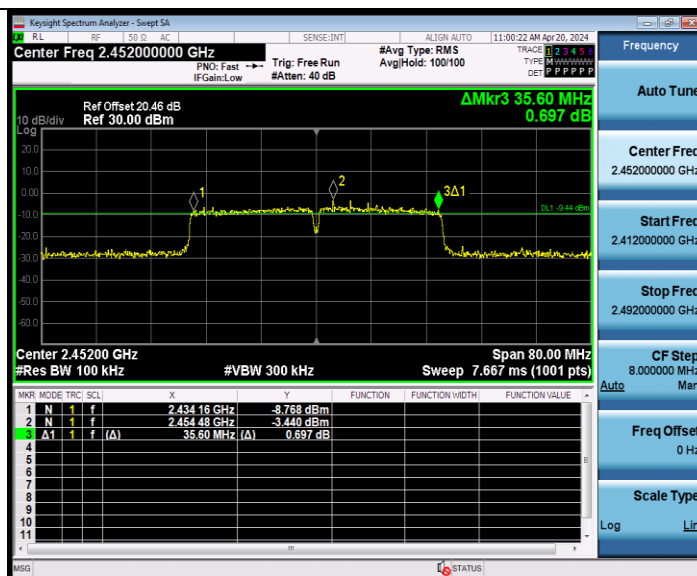


11N40MIMO Ant8 2437

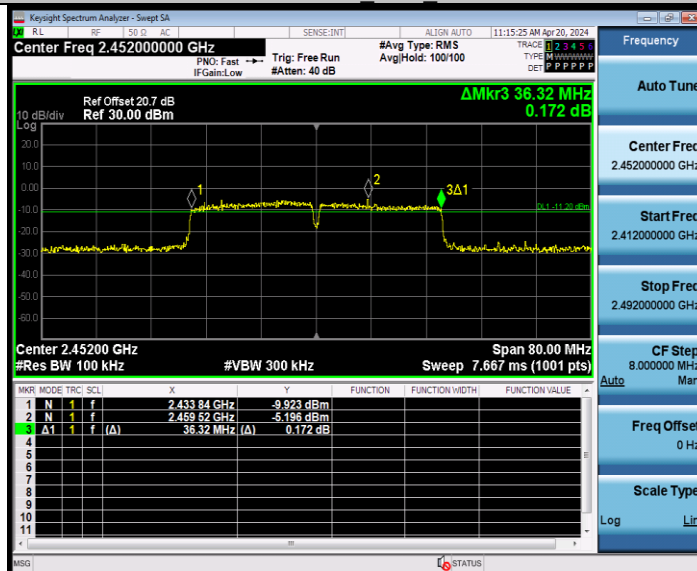




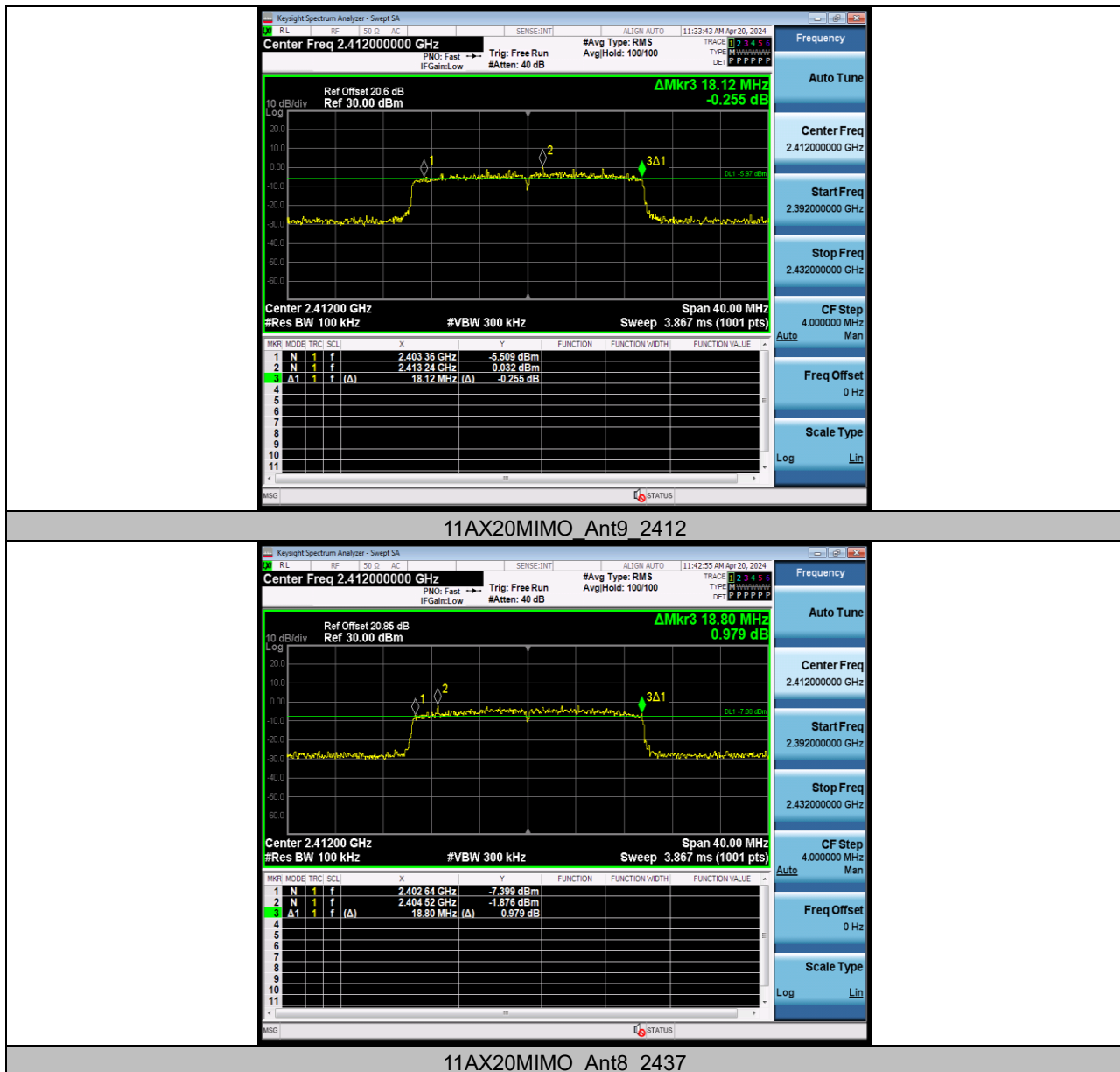
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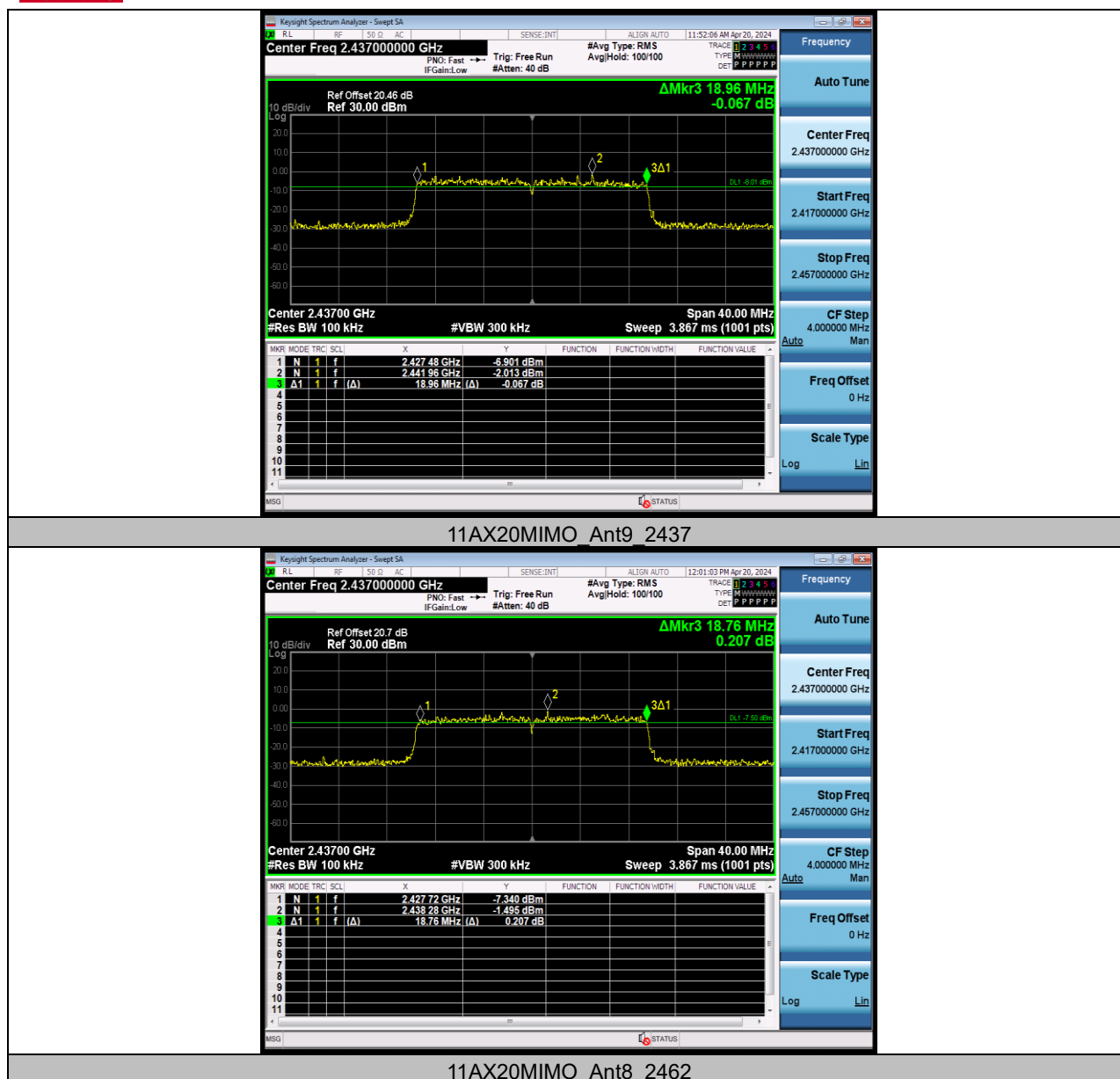


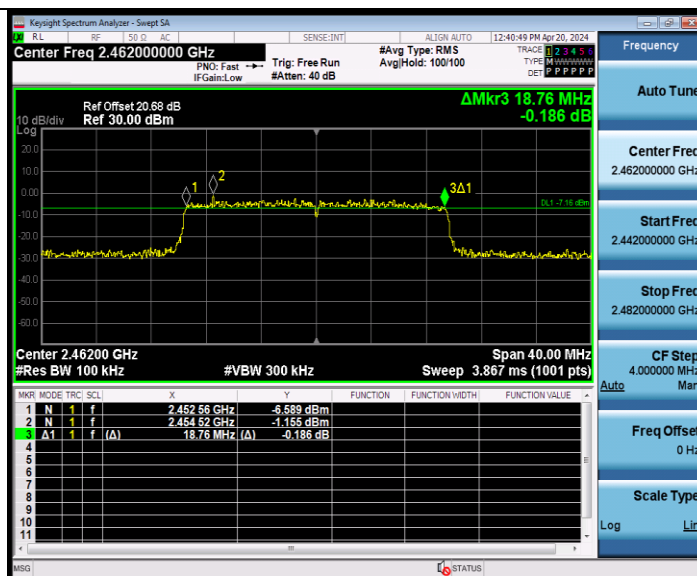
11N40MIMO\_Ant9\_2452



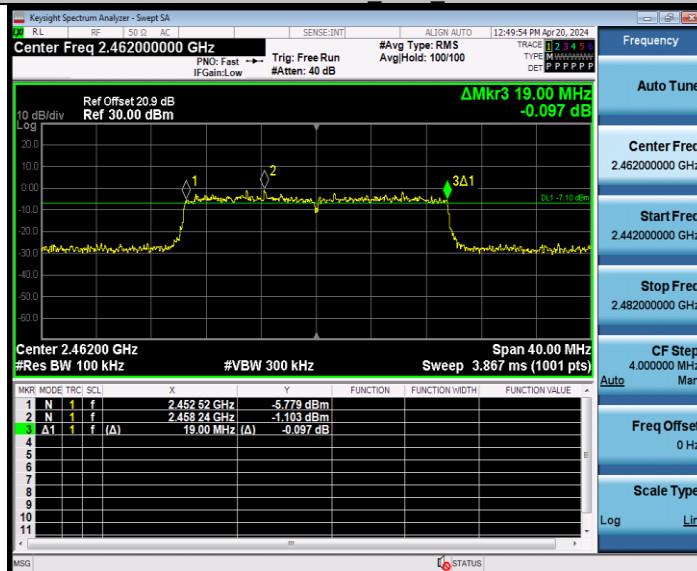
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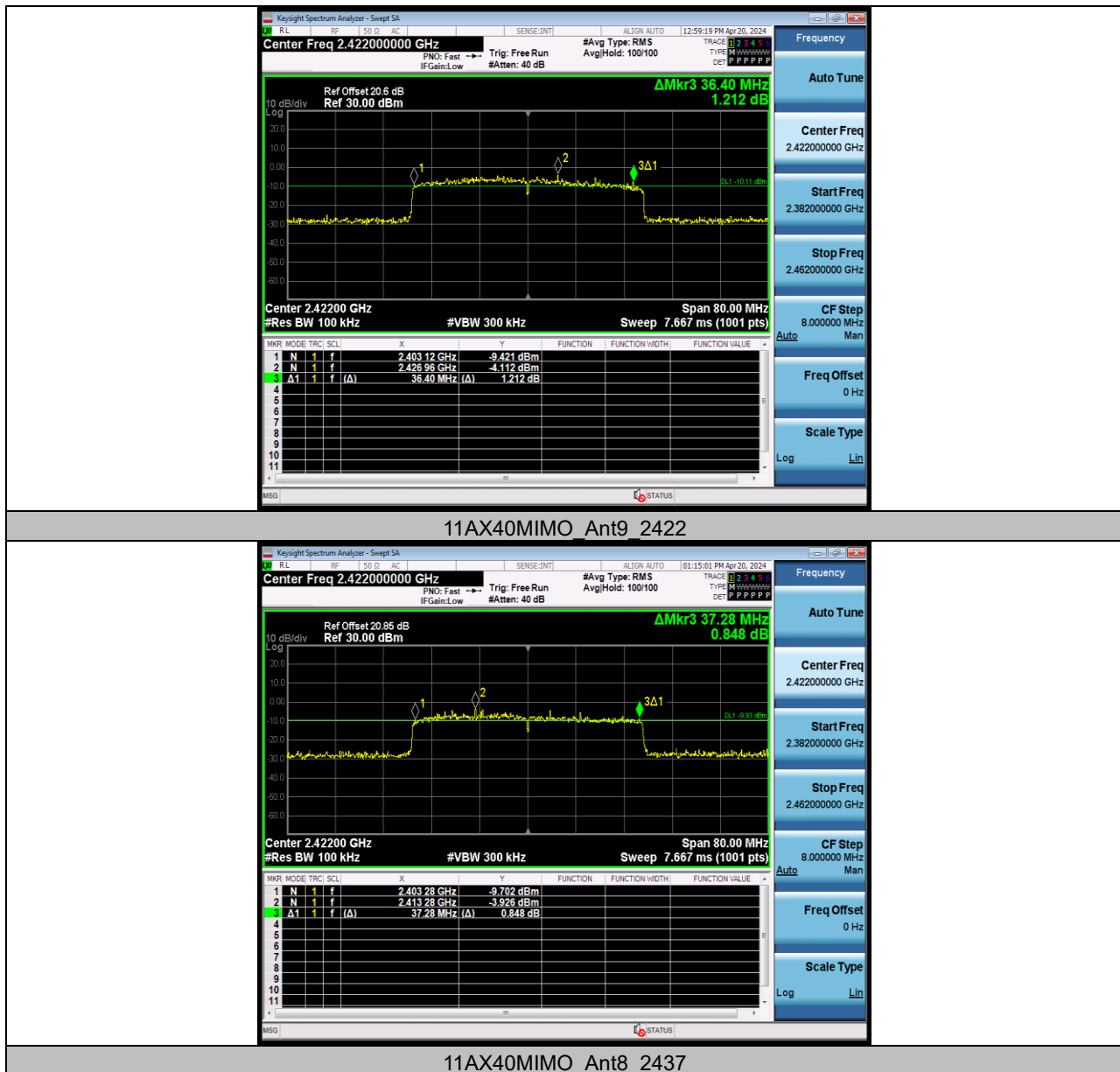




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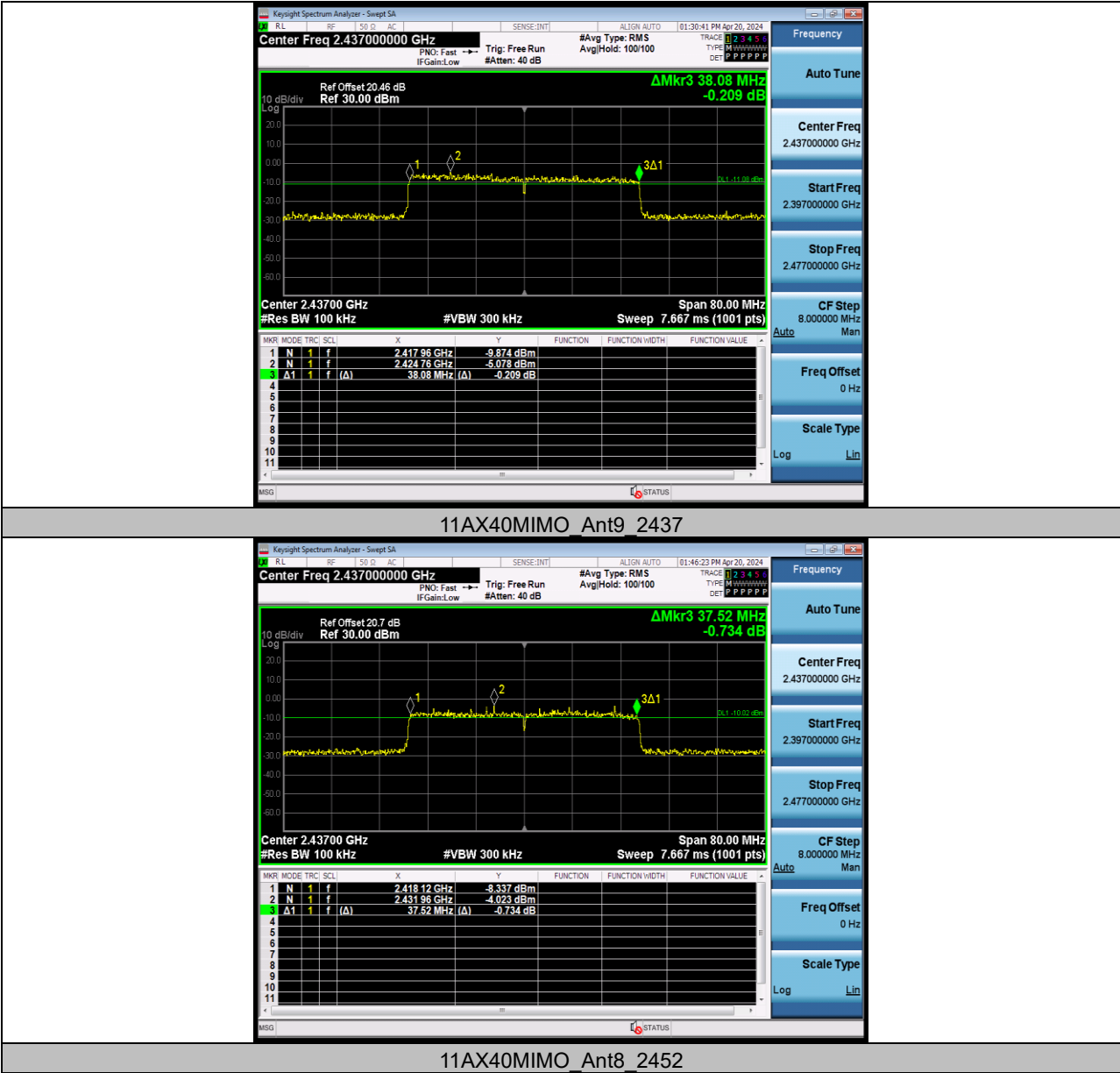


11AX40MIMO\_Ant8\_2422



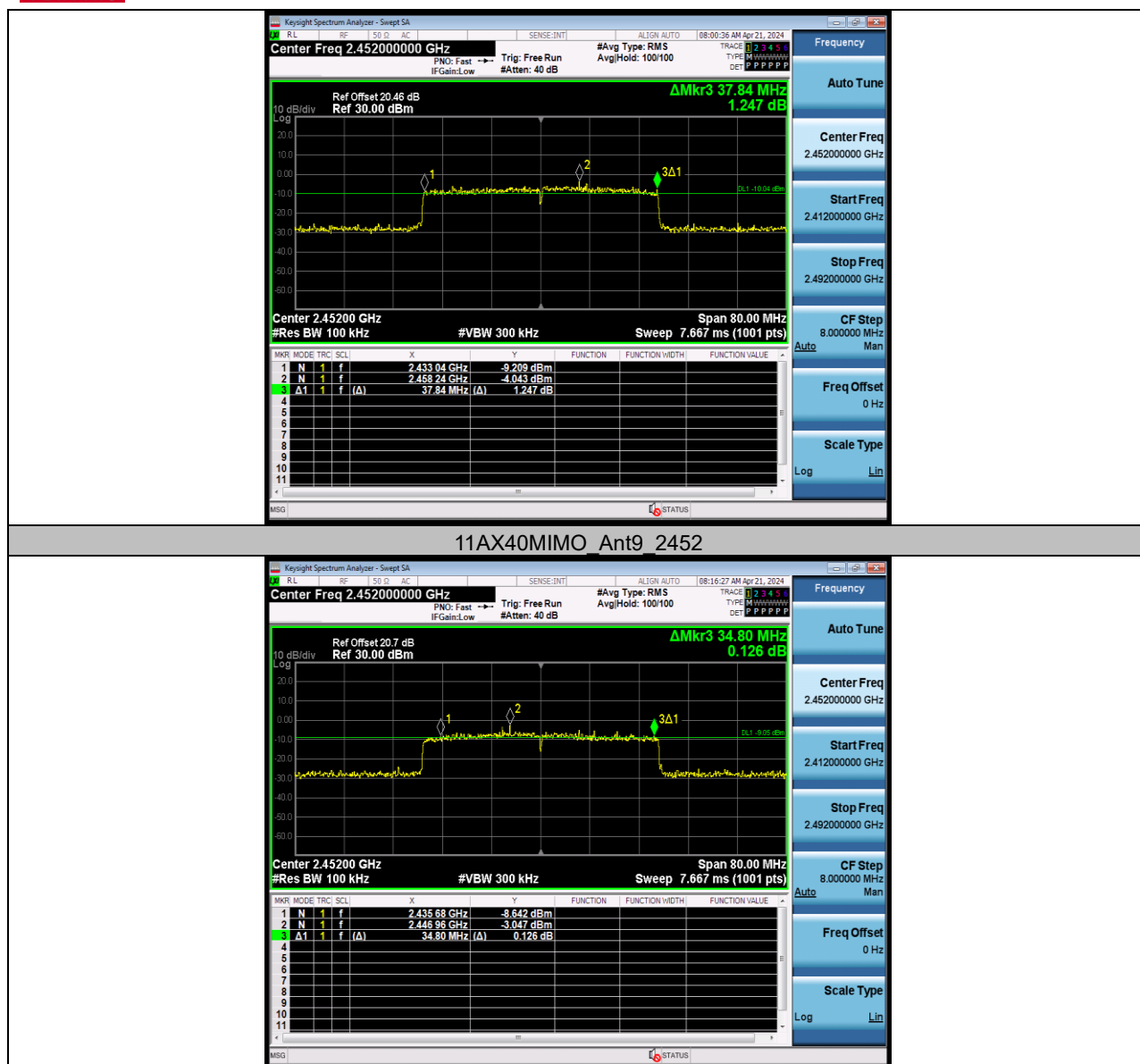


Reference No.: PSU-QSU2509010111RF02





Reference No.: PSU-QSU2509010111RF02



## OCCUPIED CHANNEL BANDWIDTH TEST RESULT

| TestMode   | Antenna | Channel<br>Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------------------------|-----------|-----------|-----------|------------|---------|
| 11B-CDD    | Ant8    | 2412                      | 14.450    | 2404.8926 | 2419.3426 | ---        | ---     |
|            | Ant9    | 2412                      | 14.843    | 2404.6589 | 2419.5019 | ---        | ---     |
|            | Ant8    | 2437                      | 15.300    | 2429.2210 | 2444.5210 | ---        | ---     |
|            | Ant9    | 2437                      | 15.168    | 2429.4620 | 2444.6300 | ---        | ---     |
|            | Ant8    | 2462                      | 14.732    | 2454.5853 | 2469.3173 | ---        | ---     |
|            | Ant9    | 2462                      | 15.317    | 2454.2783 | 2469.5953 | ---        | ---     |
| 11G-CDD    | Ant8    | 2412                      | 16.758    | 2403.6547 | 2420.4127 | ---        | ---     |
|            | Ant9    | 2412                      | 16.657    | 2403.7077 | 2420.3647 | ---        | ---     |
|            | Ant8    | 2437                      | 16.934    | 2428.5129 | 2445.4469 | ---        | ---     |
|            | Ant9    | 2437                      | 16.845    | 2428.6216 | 2445.4666 | ---        | ---     |
|            | Ant8    | 2462                      | 16.875    | 2453.5482 | 2470.4232 | ---        | ---     |
|            | Ant9    | 2462                      | 16.822    | 2453.5905 | 2470.4125 | ---        | ---     |
| 11N20MIMO  | Ant8    | 2412                      | 18.042    | 2403.0382 | 2421.0802 | ---        | ---     |
|            | Ant9    | 2412                      | 18.022    | 2403.0324 | 2421.0544 | ---        | ---     |
|            | Ant8    | 2437                      | 18.339    | 2427.7591 | 2446.0981 | ---        | ---     |
|            | Ant9    | 2437                      | 18.197    | 2427.9186 | 2446.1156 | ---        | ---     |
|            | Ant8    | 2462                      | 18.204    | 2452.8808 | 2471.0848 | ---        | ---     |
|            | Ant9    | 2462                      | 18.160    | 2452.9255 | 2471.0855 | ---        | ---     |
| 11N40MIMO  | Ant8    | 2422                      | 37.445    | 2403.3144 | 2440.7594 | ---        | ---     |
|            | Ant9    | 2422                      | 38.908    | 2402.8494 | 2441.7574 | ---        | ---     |
|            | Ant8    | 2437                      | 37.984    | 2417.9948 | 2455.9788 | ---        | ---     |
|            | Ant9    | 2437                      | 37.945    | 2418.0932 | 2456.0382 | ---        | ---     |
|            | Ant8    | 2452                      | 37.914    | 2433.0346 | 2470.9486 | ---        | ---     |
|            | Ant9    | 2452                      | 38.218    | 2432.8746 | 2471.0926 | ---        | ---     |
| 11AX20MIMO | Ant8    | 2412                      | 19.151    | 2402.4544 | 2421.6054 | ---        | ---     |
|            | Ant9    | 2412                      | 19.085    | 2402.4850 | 2421.5700 | ---        | ---     |
|            | Ant8    | 2437                      | 19.245    | 2427.3470 | 2446.5920 | ---        | ---     |
|            | Ant9    | 2437                      | 19.227    | 2427.4118 | 2446.6388 | ---        | ---     |
|            | Ant8    | 2462                      | 19.182    | 2452.3848 | 2471.5668 | ---        | ---     |
|            | Ant9    | 2462                      | 19.221    | 2452.3828 | 2471.6038 | ---        | ---     |
| 11AX40MIMO | Ant8    | 2422                      | 38.548    | 2402.6826 | 2441.2306 | ---        | ---     |
|            | Ant9    | 2422                      | 38.724    | 2402.6968 | 2441.4208 | ---        | ---     |
|            | Ant8    | 2437                      | 38.685    | 2417.5988 | 2456.2838 | ---        | ---     |
|            | Ant9    | 2437                      | 38.786    | 2417.6387 | 2456.4247 | ---        | ---     |
|            | Ant8    | 2452                      | 38.637    | 2432.7043 | 2471.3413 | ---        | ---     |
|            | Ant9    | 2452                      | 38.742    | 2432.6590 | 2471.4010 | ---        | ---     |



Reference No.: PSU-QSU2509010111RF02

## TEST GRAPHS



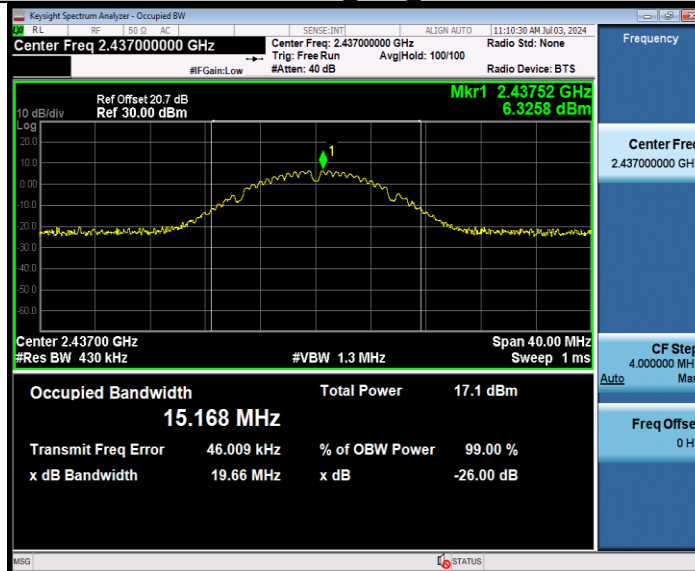


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Reference No.: PSU-QSU2509010111RF02



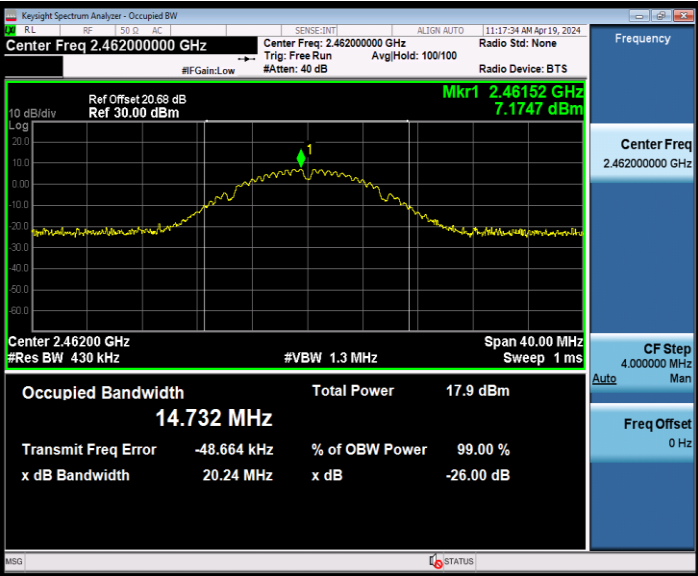
11B-CDD Ant9 2437



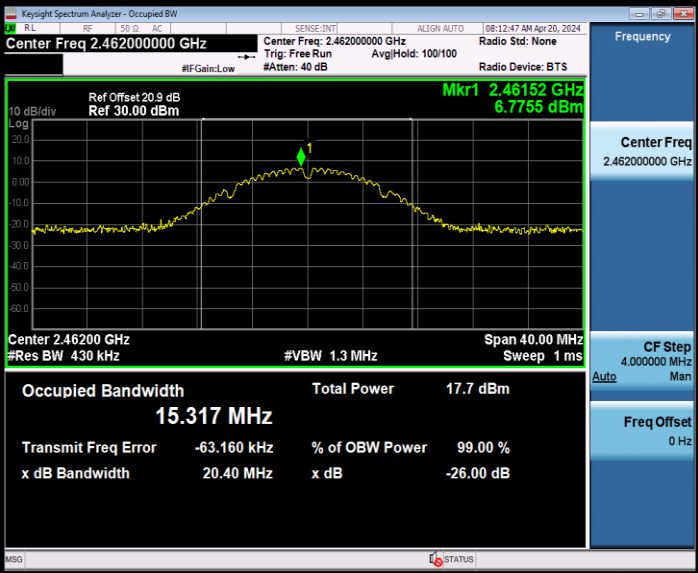
11B-CDD Ant8 2462



Reference No.: PSU-QSU2509010111RF02



11B-CDD Ant9 2462

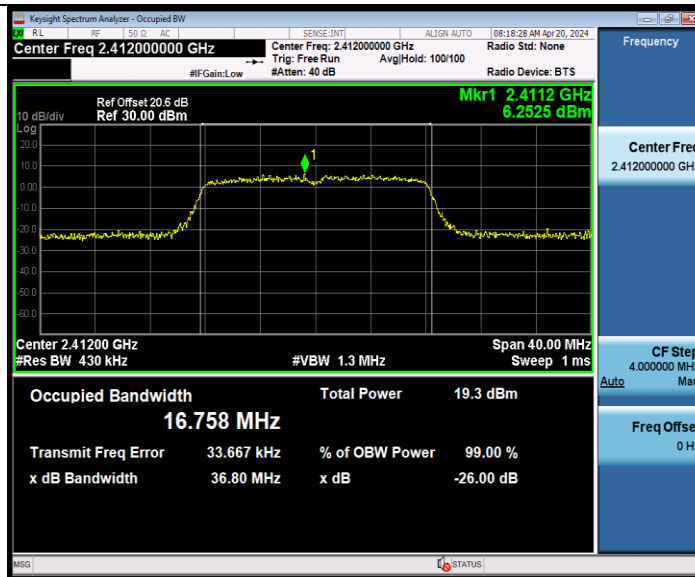


11G-CDD Ant8 2412

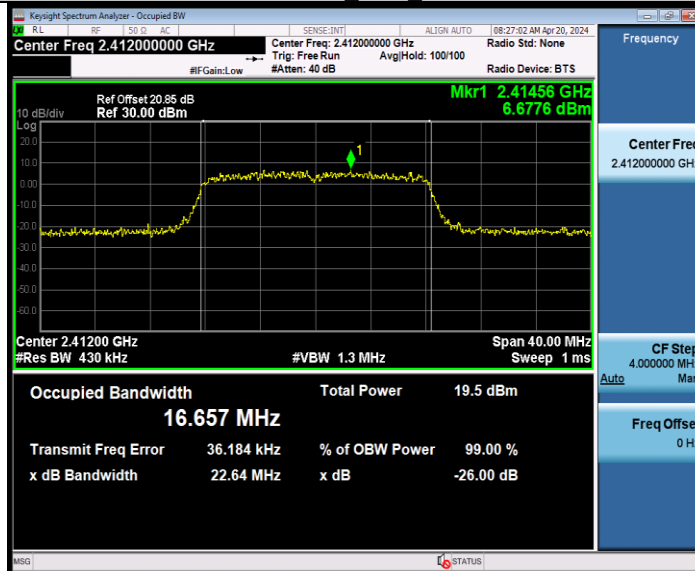


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VERITAS

Reference No.: PSU-QSU2509010111RF02



11G-CDD Ant9 2412

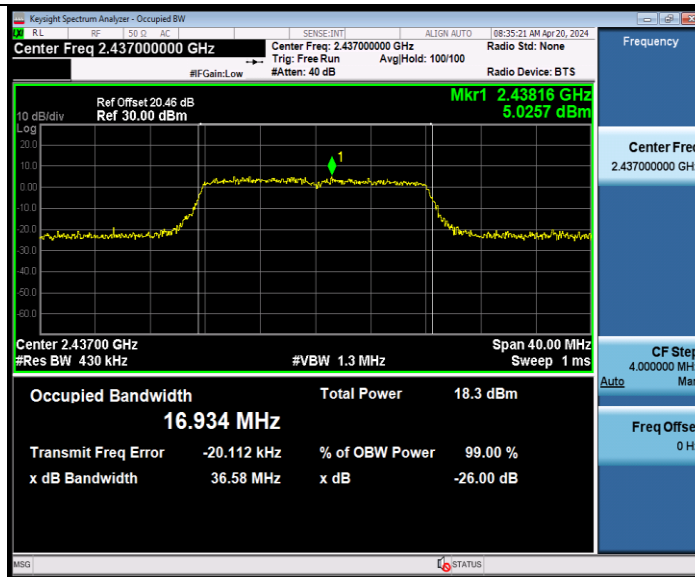


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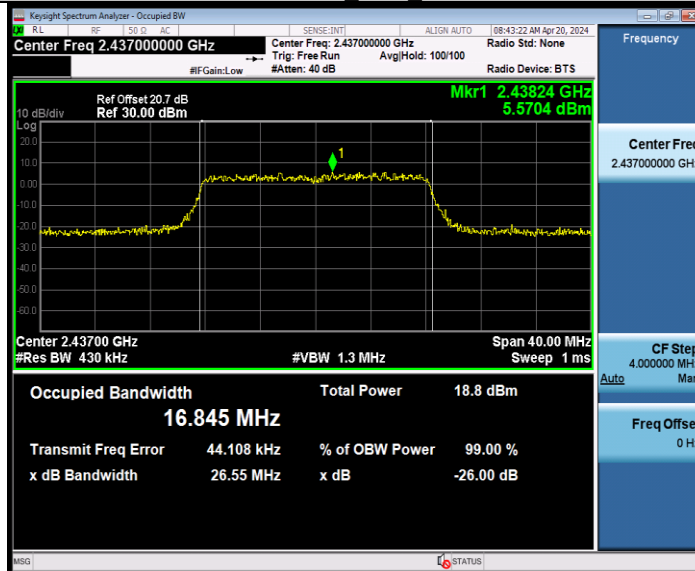


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VERITAS

Reference No.: PSU-QSU2509010111RF02



11G-CDD Ant9 2437

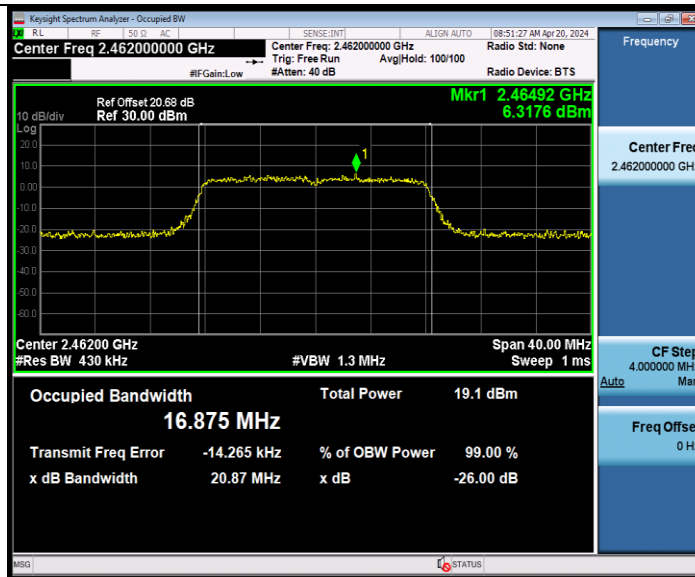


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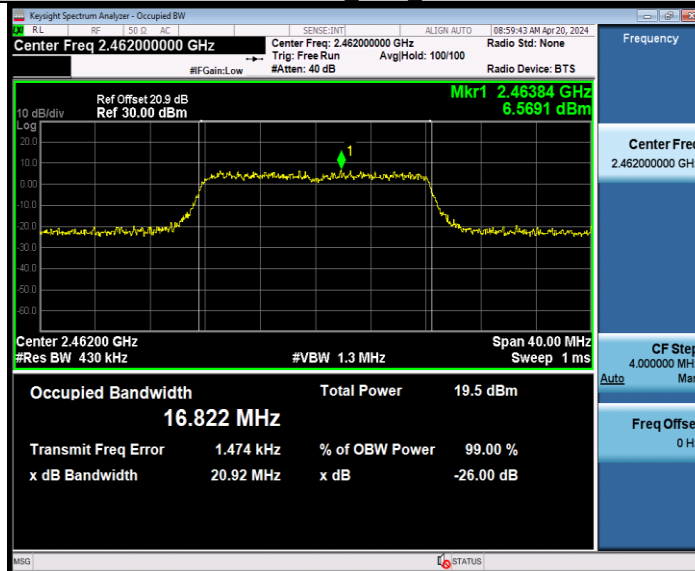


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VERITAS

Reference No.: PSU-QSU2509010111RF02



11G-CDD Ant9 2462



11N20MIMO Ant8 2412

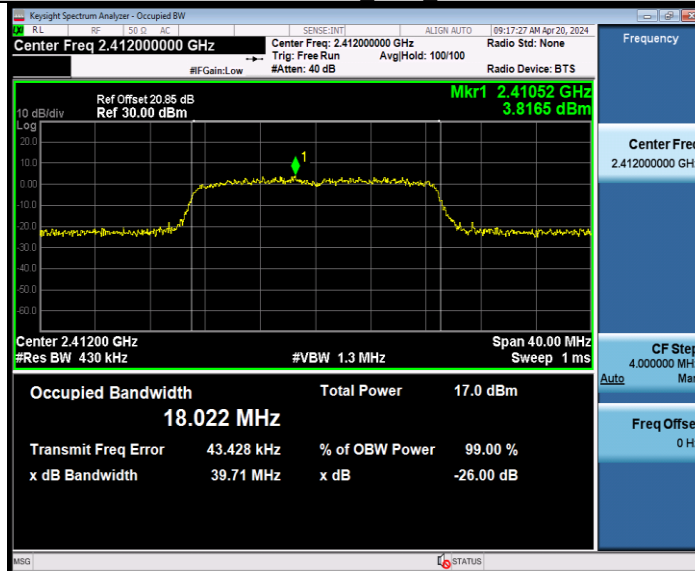


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VERITAS

Reference No.: PSU-QSU2509010111RF02



11N20MIMO Ant9 2412

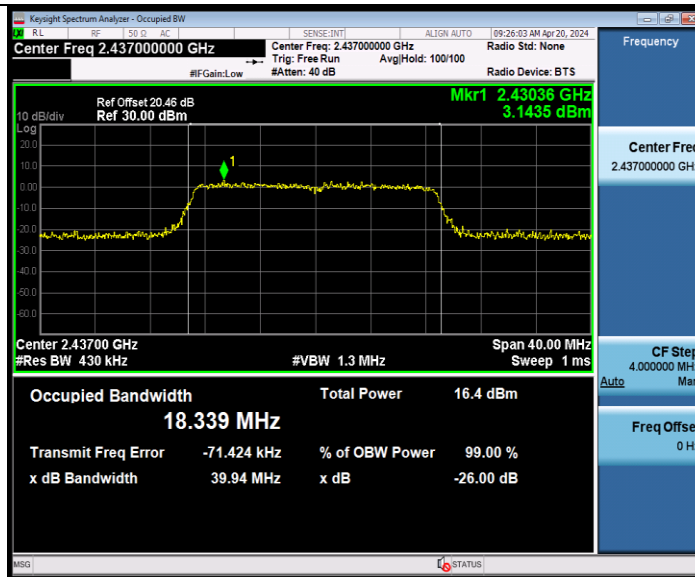


11N20MIMO Ant8 2437

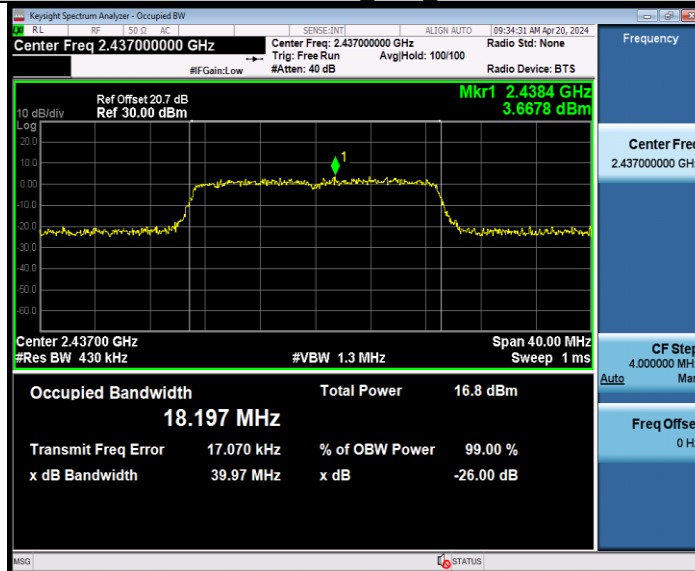


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VERITAS

Reference No.: PSU-QSU2509010111RF02



11N20MIMO\_Ant9\_2437



11N20MIMO\_Ant8\_2462