

## Appendix A: DTS Bandwidth

### Test Result

| TestMode   | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|--------------|----------|----------|------------|---------|
| 11B        | Ant1    | 2412    | 8.160        | 2407.920 | 2416.080 | 0.5        | PASS    |
|            | Ant2    | 2412    | 8.120        | 2407.920 | 2416.040 | 0.5        | PASS    |
|            | Ant1    | 2437    | 7.680        | 2432.920 | 2440.600 | 0.5        | PASS    |
|            | Ant2    | 2437    | 7.640        | 2432.960 | 2440.600 | 0.5        | PASS    |
|            | Ant1    | 2462    | 8.080        | 2457.960 | 2466.040 | 0.5        | PASS    |
|            | Ant2    | 2462    | 8.120        | 2457.960 | 2466.080 | 0.5        | PASS    |
| 11G        | Ant1    | 2412    | 15.160       | 2404.440 | 2419.600 | 0.5        | PASS    |
|            | Ant2    | 2412    | 15.680       | 2404.120 | 2419.800 | 0.5        | PASS    |
|            | Ant1    | 2437    | 15.160       | 2429.400 | 2444.560 | 0.5        | PASS    |
|            | Ant2    | 2437    | 15.200       | 2429.400 | 2444.600 | 0.5        | PASS    |
|            | Ant1    | 2462    | 15.520       | 2454.400 | 2469.920 | 0.5        | PASS    |
|            | Ant2    | 2462    | 15.440       | 2454.480 | 2469.920 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 2412    | 15.200       | 2404.400 | 2419.600 | 0.5        | PASS    |
|            | Ant2    | 2412    | 13.960       | 2405.640 | 2419.600 | 0.5        | PASS    |
|            | Ant1    | 2437    | 15.040       | 2429.080 | 2444.120 | 0.5        | PASS    |
|            | Ant2    | 2437    | 14.720       | 2429.440 | 2444.160 | 0.5        | PASS    |
|            | Ant1    | 2462    | 15.160       | 2454.440 | 2469.600 | 0.5        | PASS    |
|            | Ant2    | 2462    | 15.080       | 2454.440 | 2469.520 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 2422    | 34.000       | 2405.600 | 2439.600 | 0.5        | PASS    |
|            | Ant2    | 2422    | 34.000       | 2404.400 | 2438.400 | 0.5        | PASS    |
|            | Ant1    | 2437    | 34.000       | 2420.600 | 2454.600 | 0.5        | PASS    |
|            | Ant2    | 2437    | 32.640       | 2421.960 | 2454.600 | 0.5        | PASS    |
|            | Ant1    | 2452    | 35.280       | 2434.320 | 2469.600 | 0.5        | PASS    |
|            | Ant2    | 2452    | 35.200       | 2434.400 | 2469.600 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 2412    | 16.520       | 2404.400 | 2420.920 | 0.5        | PASS    |
|            | Ant2    | 2412    | 16.400       | 2404.400 | 2420.800 | 0.5        | PASS    |
|            | Ant1    | 2437    | 18.200       | 2427.600 | 2445.800 | 0.5        | PASS    |
|            | Ant2    | 2437    | 17.480       | 2428.280 | 2445.760 | 0.5        | PASS    |
|            | Ant1    | 2462    | 16.720       | 2454.480 | 2471.200 | 0.5        | PASS    |
|            | Ant2    | 2462    | 17.960       | 2453.200 | 2471.160 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 2422    | 35.200       | 2404.400 | 2439.600 | 0.5        | PASS    |
|            | Ant2    | 2422    | 35.200       | 2404.400 | 2439.600 | 0.5        | PASS    |
|            | Ant1    | 2437    | 36.560       | 2418.040 | 2454.600 | 0.5        | PASS    |
|            | Ant2    | 2437    | 35.280       | 2419.320 | 2454.600 | 0.5        | PASS    |
|            | Ant1    | 2452    | 37.280       | 2433.280 | 2470.560 | 0.5        | PASS    |
|            | Ant2    | 2452    | 36.960       | 2433.600 | 2470.560 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2412    | 17.720       | 2403.120 | 2420.840 | 0.5        | PASS    |
|            | Ant2    | 2412    | 16.480       | 2404.400 | 2420.880 | 0.5        | PASS    |

|            |      |      |        |          |          |     |      |
|------------|------|------|--------|----------|----------|-----|------|
|            | Ant1 | 2437 | 17.680 | 2428.160 | 2445.840 | 0.5 | PASS |
|            | Ant2 | 2437 | 17.680 | 2428.160 | 2445.840 | 0.5 | PASS |
|            | Ant1 | 2462 | 17.360 | 2453.520 | 2470.880 | 0.5 | PASS |
|            | Ant2 | 2462 | 17.720 | 2453.160 | 2470.880 | 0.5 | PASS |
| 11N40MIMO  | Ant1 | 2422 | 35.840 | 2404.400 | 2440.240 | 0.5 | PASS |
|            | Ant2 | 2422 | 35.600 | 2404.320 | 2439.920 | 0.5 | PASS |
|            | Ant1 | 2437 | 36.160 | 2418.760 | 2454.920 | 0.5 | PASS |
|            | Ant2 | 2437 | 35.600 | 2419.320 | 2454.920 | 0.5 | PASS |
|            | Ant1 | 2452 | 36.400 | 2433.840 | 2470.240 | 0.5 | PASS |
|            | Ant2 | 2452 | 36.000 | 2434.320 | 2470.320 | 0.5 | PASS |
| 11AX20MIMO | Ant1 | 2412 | 17.600 | 2403.600 | 2421.200 | 0.5 | PASS |
|            | Ant2 | 2412 | 16.680 | 2404.400 | 2421.080 | 0.5 | PASS |
|            | Ant1 | 2437 | 18.240 | 2427.640 | 2445.880 | 0.5 | PASS |
|            | Ant2 | 2437 | 18.120 | 2428.160 | 2446.280 | 0.5 | PASS |
|            | Ant1 | 2462 | 18.240 | 2453.120 | 2471.360 | 0.5 | PASS |
|            | Ant2 | 2462 | 18.400 | 2452.680 | 2471.080 | 0.5 | PASS |
| 11AX40MIMO | Ant1 | 2422 | 35.200 | 2404.400 | 2439.600 | 0.5 | PASS |
|            | Ant2 | 2422 | 36.400 | 2404.400 | 2440.800 | 0.5 | PASS |
|            | Ant1 | 2437 | 37.200 | 2418.600 | 2455.800 | 0.5 | PASS |
|            | Ant2 | 2437 | 35.360 | 2419.320 | 2454.680 | 0.5 | PASS |
|            | Ant1 | 2452 | 36.880 | 2433.840 | 2470.720 | 0.5 | PASS |
|            | Ant2 | 2452 | 36.480 | 2434.400 | 2470.880 | 0.5 | PASS |

## Test Graphs



11B\_Ant1\_2412



11B\_Ant2\_2412



11B\_Ant1\_2437



11B\_Ant2\_2437



11B\_Ant1\_2462



11B\_Ant2\_2462



11G\_Ant1\_2412



11G\_Ant2\_2412



11G\_Ant1\_2437



11G\_Ant2\_2437



11G\_Ant1\_2462



11G\_Ant2\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant2\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant2\_2437



11N20SISO\_Ant1\_2462



11N20SISO\_Ant2\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant2\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant2\_2437



11N40SISO\_Ant1\_2452



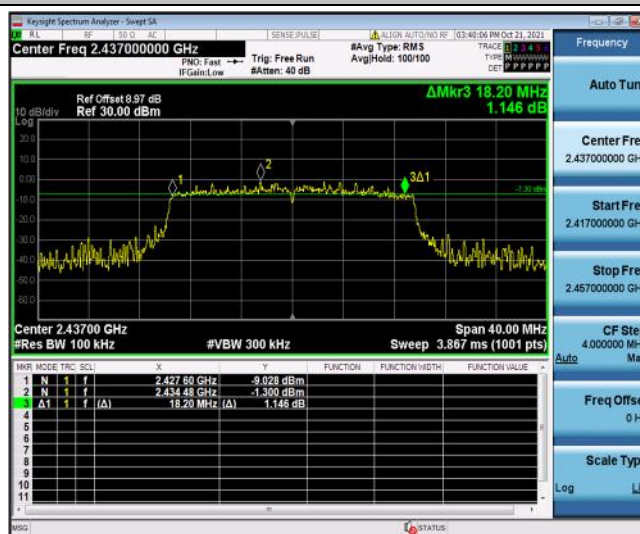
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11AX20SISO\_Ant1\_2412



11AX20SISO\_Ant2\_2412



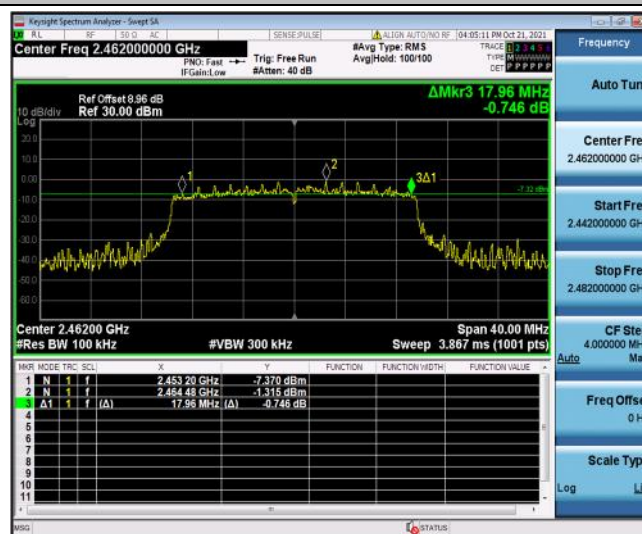
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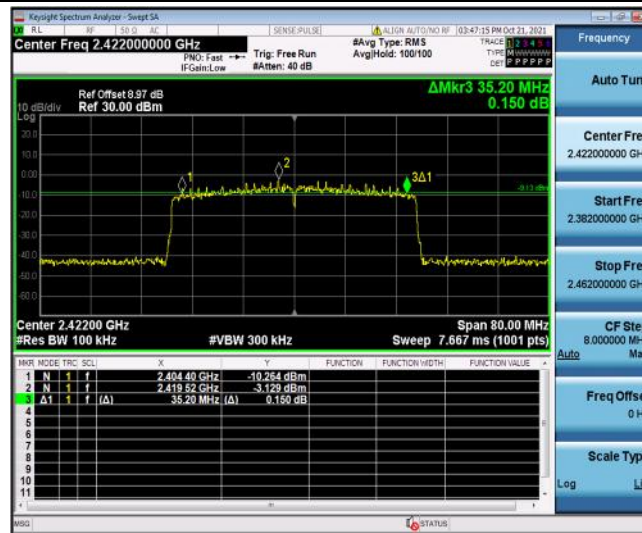
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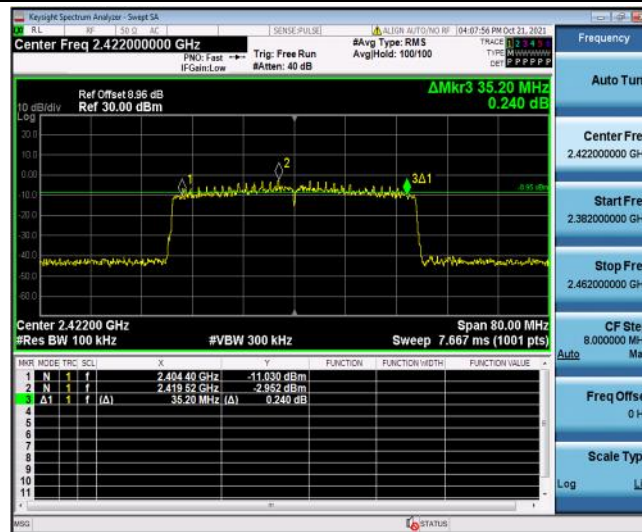
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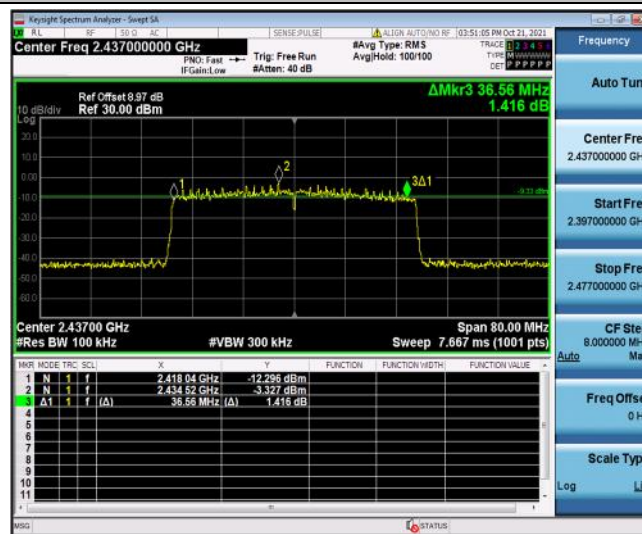
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11AX40SISO\_Ant1\_2422



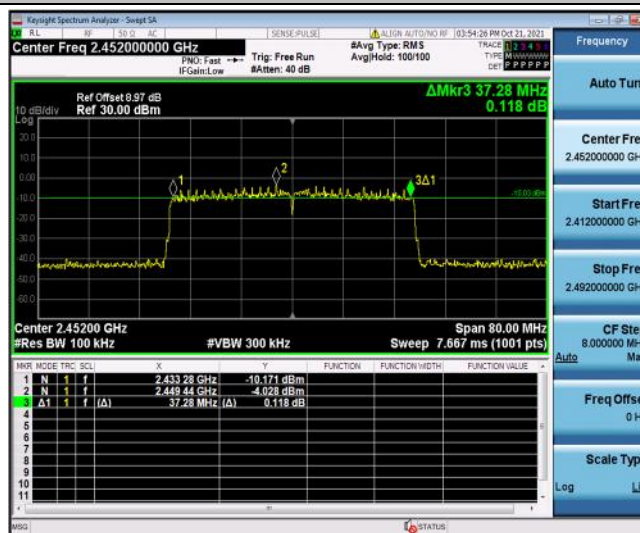
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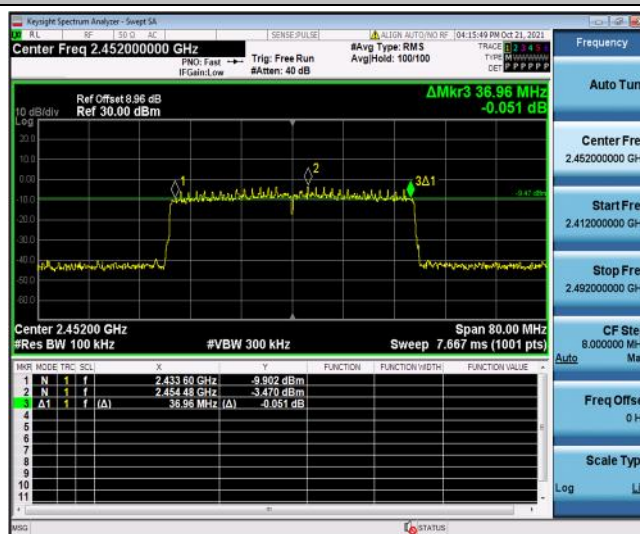
11AX40SISO\_Ant1\_2437



11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant1\_2452



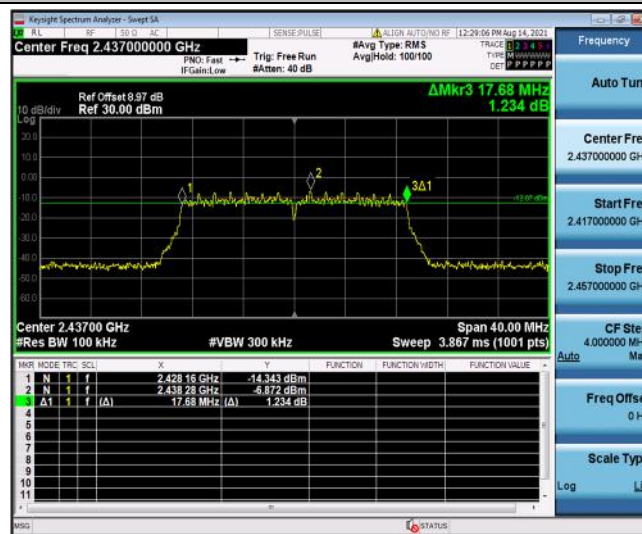
11AX40SISO\_Ant2\_2452



11N20MIMO\_Ant1\_2412



11N20MIMO\_Ant2\_2412



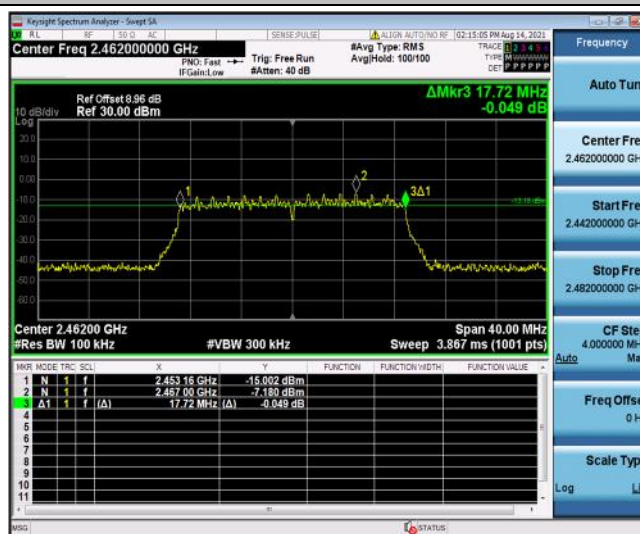
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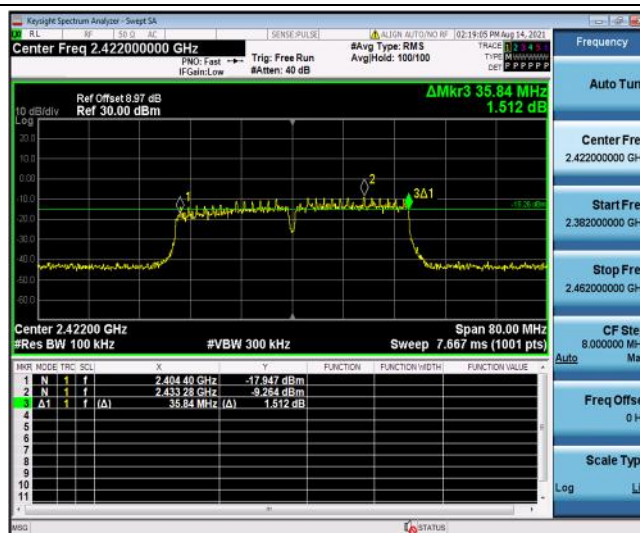
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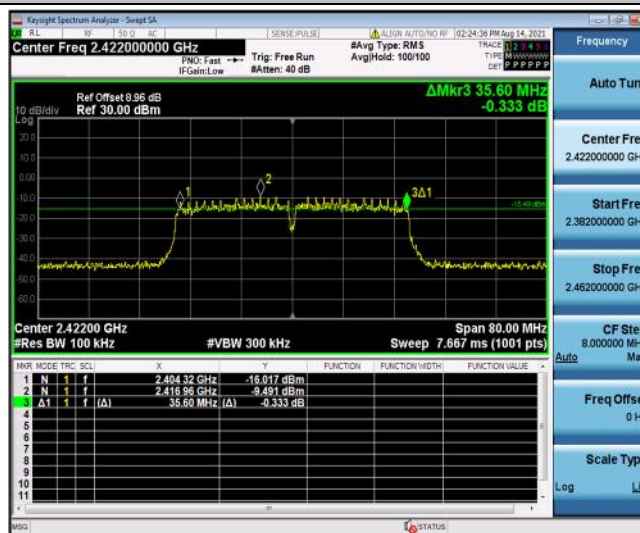
11N20MIMO\_Ant1\_2462



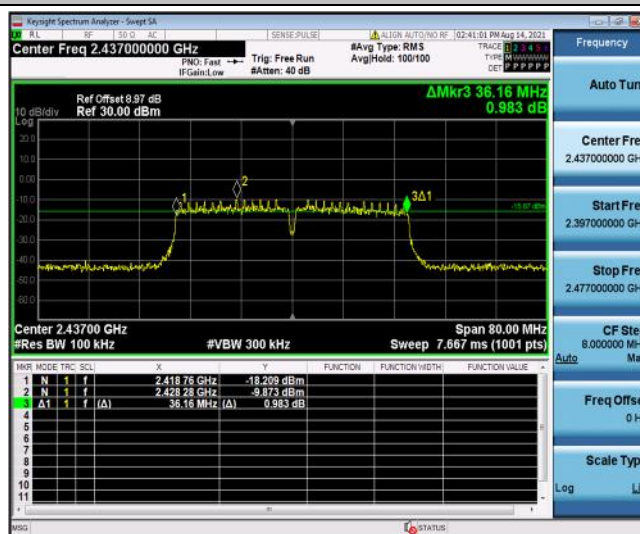
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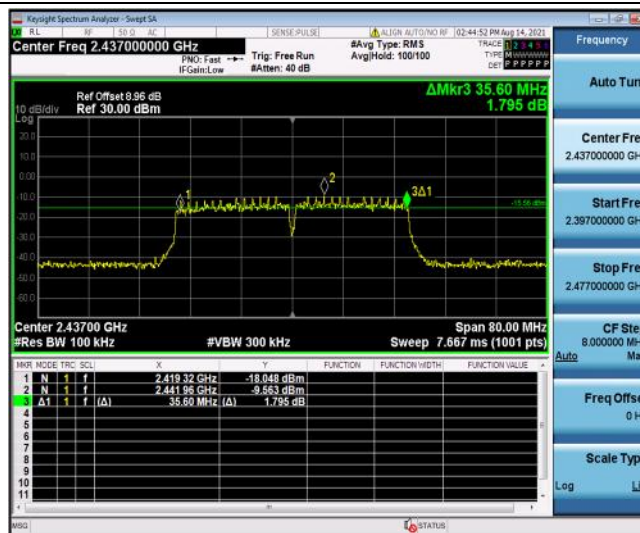
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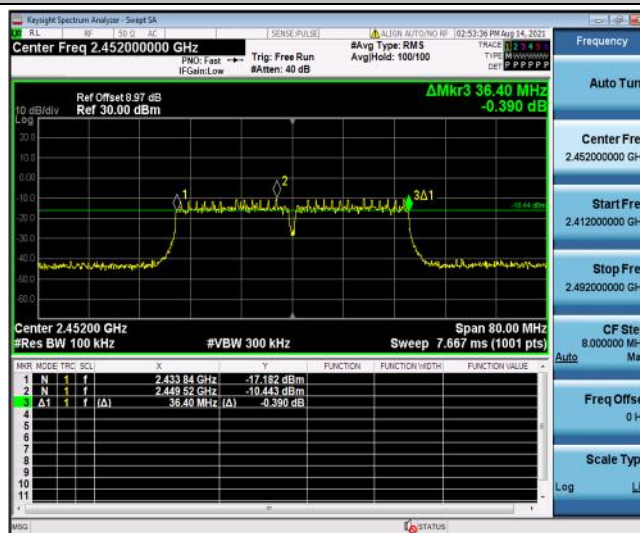
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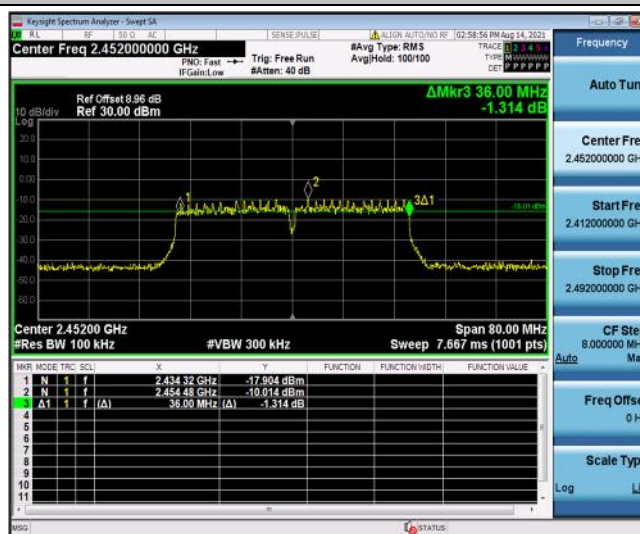
11N40MIMO\_Ant1\_2437



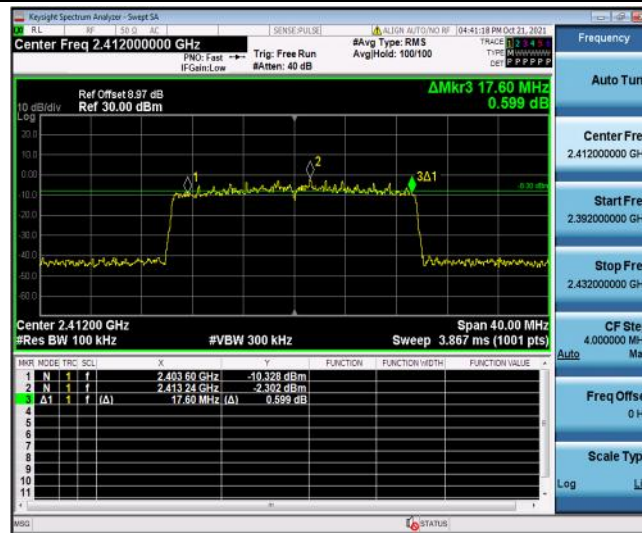
11N40MIMO\_Ant2\_2437



11N40MIMO\_Ant1\_2452



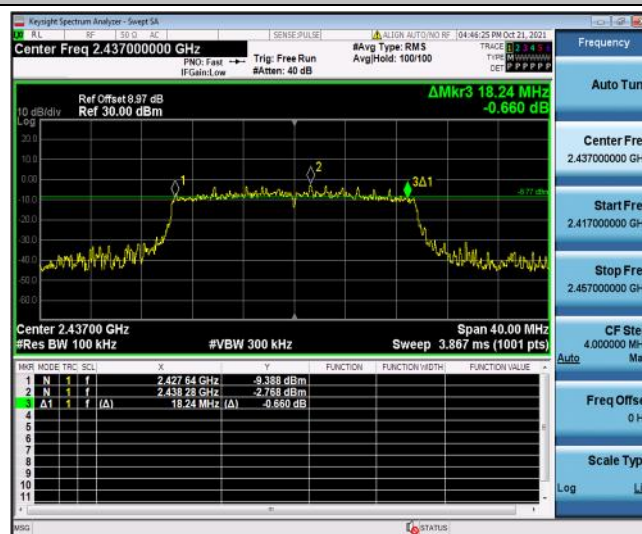
11N40MIMO\_Ant2\_2452



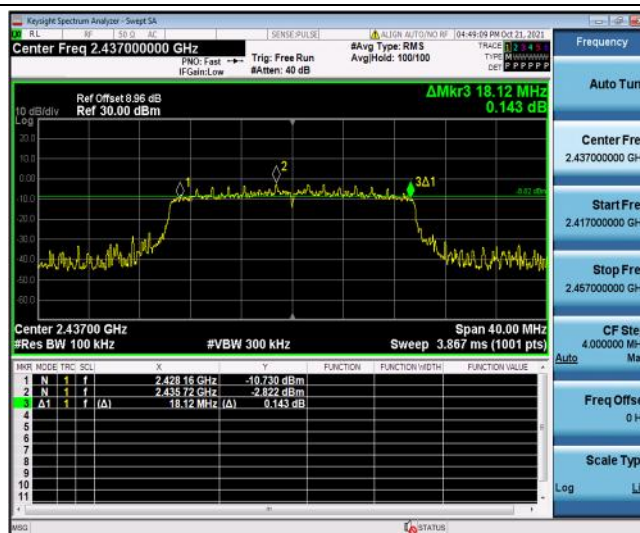
11AX20MIMO\_Ant1\_2412



11AX20MIMO\_Ant2\_2412



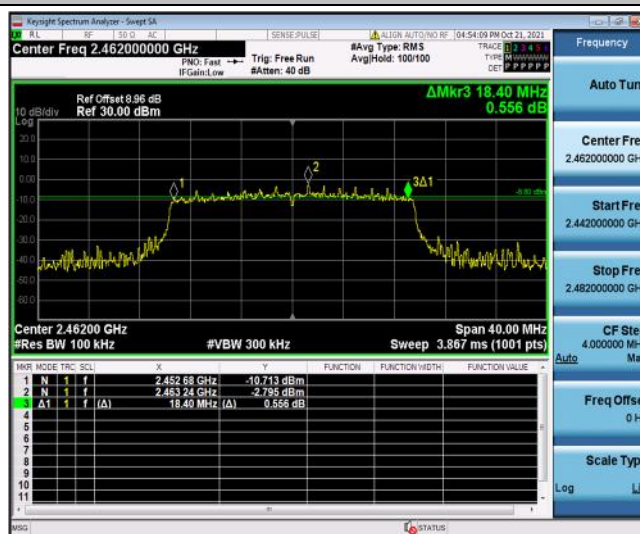
11AX20MIMO\_Ant1\_2437



11AX20MIMO\_Ant2\_2437



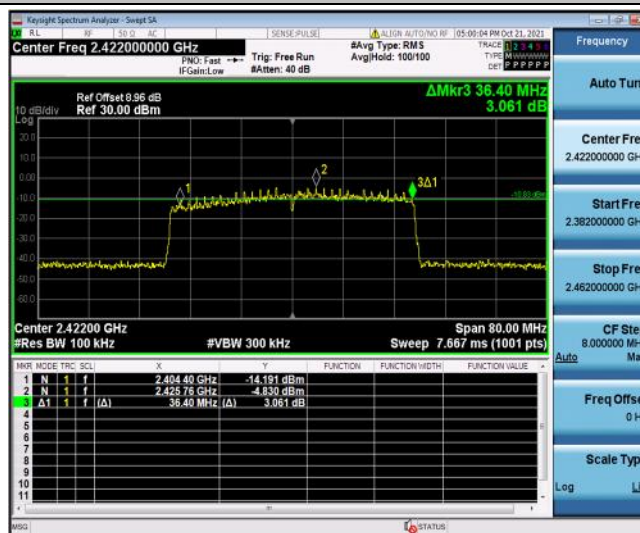
11AX20MIMO\_Ant1\_2462



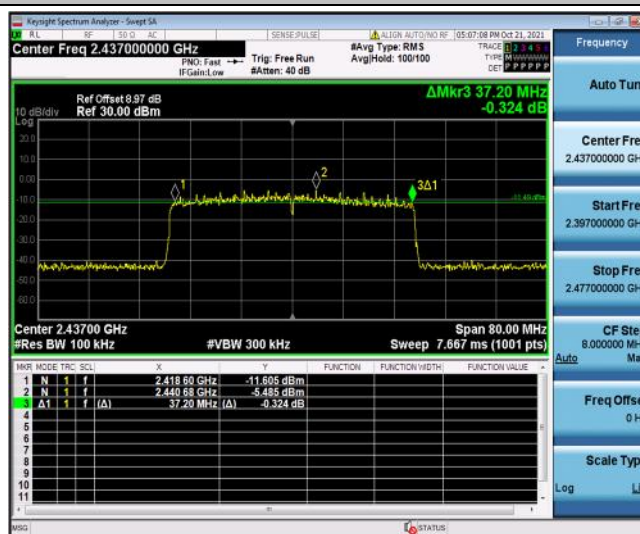
11AX20MIMO\_Ant2\_2462



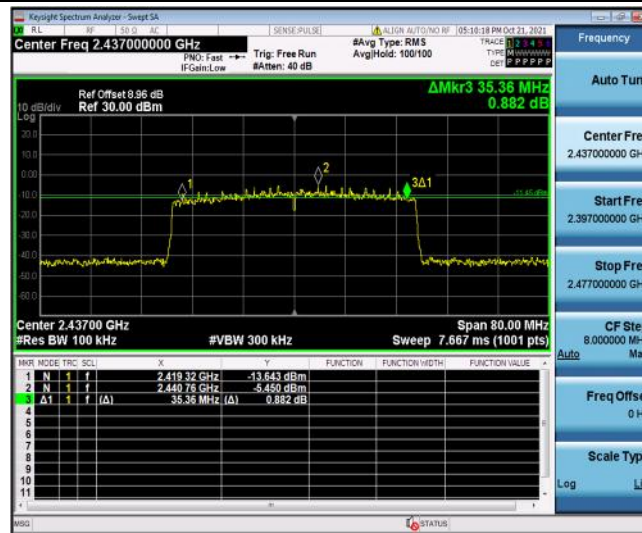
11AX40MIMO\_Ant1\_2422



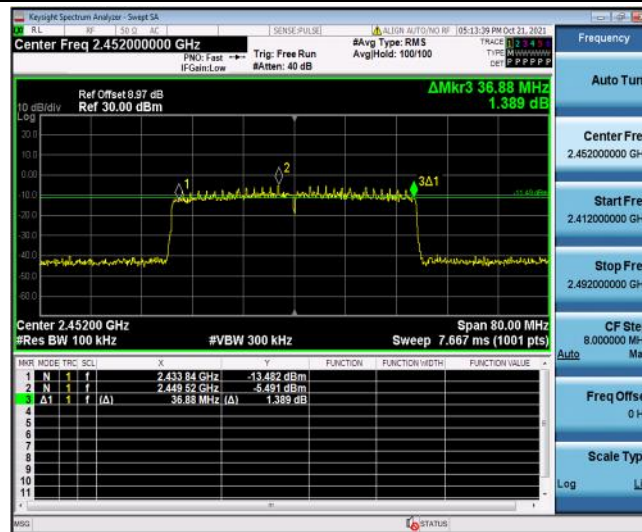
11AX40MIMO\_Ant2\_2422



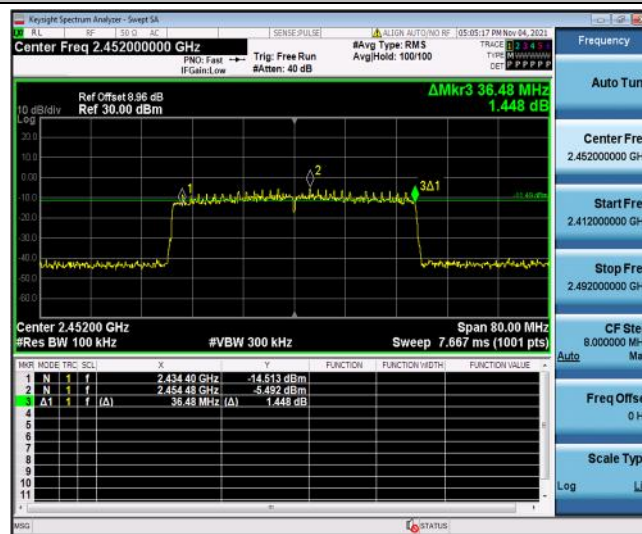
11AX40MIMO\_Ant1\_2437



11AX40MIMO\_Ant2\_2437



11AX40MIMO\_Ant1\_2452



11AX40MIMO\_Ant2\_2452

## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|------------|---------|
| 11B        | Ant1    | 2412    | 13.009    | 2405.540 | 2418.549 | ---        | PASS    |
|            | Ant2    | 2412    | 12.959    | 2405.581 | 2418.540 | ---        | PASS    |
|            | Ant1    | 2437    | 12.980    | 2430.519 | 2443.499 | ---        | PASS    |
|            | Ant2    | 2437    | 12.946    | 2430.549 | 2443.495 | ---        | PASS    |
|            | Ant1    | 2462    | 12.999    | 2455.535 | 2468.534 | ---        | PASS    |
|            | Ant2    | 2462    | 13.008    | 2455.544 | 2468.552 | ---        | PASS    |
| 11G        | Ant1    | 2412    | 16.851    | 2403.624 | 2420.475 | ---        | PASS    |
|            | Ant2    | 2412    | 16.766    | 2403.687 | 2420.453 | ---        | PASS    |
|            | Ant1    | 2437    | 16.829    | 2428.583 | 2445.412 | ---        | PASS    |
|            | Ant2    | 2437    | 16.833    | 2428.590 | 2445.423 | ---        | PASS    |
|            | Ant1    | 2462    | 16.839    | 2453.678 | 2470.517 | ---        | PASS    |
|            | Ant2    | 2462    | 16.818    | 2453.651 | 2470.469 | ---        | PASS    |
| 11N20SISO  | Ant1    | 2412    | 17.796    | 2403.150 | 2420.946 | ---        | PASS    |
|            | Ant2    | 2412    | 17.720    | 2403.213 | 2420.933 | ---        | PASS    |
|            | Ant1    | 2437    | 17.763    | 2428.135 | 2445.898 | ---        | PASS    |
|            | Ant2    | 2437    | 17.778    | 2428.131 | 2445.909 | ---        | PASS    |
|            | Ant1    | 2462    | 17.790    | 2453.166 | 2470.956 | ---        | PASS    |
|            | Ant2    | 2462    | 17.824    | 2453.141 | 2470.965 | ---        | PASS    |
| 11N40SISO  | Ant1    | 2422    | 36.023    | 2404.076 | 2440.099 | ---        | PASS    |
|            | Ant2    | 2422    | 36.135    | 2404.021 | 2440.156 | ---        | PASS    |
|            | Ant1    | 2437    | 36.100    | 2418.996 | 2455.096 | ---        | PASS    |
|            | Ant2    | 2437    | 36.088    | 2419.040 | 2455.128 | ---        | PASS    |
|            | Ant1    | 2452    | 36.225    | 2433.991 | 2470.216 | ---        | PASS    |
|            | Ant2    | 2452    | 36.163    | 2434.002 | 2470.165 | ---        | PASS    |
| 11AX20SISO | Ant1    | 2412    | 18.924    | 2402.569 | 2421.493 | ---        | PASS    |
|            | Ant2    | 2412    | 18.882    | 2402.596 | 2421.478 | ---        | PASS    |
|            | Ant1    | 2437    | 19.079    | 2427.471 | 2446.550 | ---        | PASS    |
|            | Ant2    | 2437    | 19.094    | 2427.460 | 2446.554 | ---        | PASS    |
|            | Ant1    | 2462    | 19.134    | 2452.480 | 2471.614 | ---        | PASS    |
|            | Ant2    | 2462    | 19.063    | 2452.533 | 2471.596 | ---        | PASS    |
| 11AX40SISO | Ant1    | 2422    | 37.488    | 2403.340 | 2440.828 | ---        | PASS    |
|            | Ant2    | 2422    | 37.588    | 2403.287 | 2440.875 | ---        | PASS    |
|            | Ant1    | 2437    | 37.696    | 2418.166 | 2455.862 | ---        | PASS    |
|            | Ant2    | 2437    | 37.625    | 2418.239 | 2455.864 | ---        | PASS    |
|            | Ant1    | 2452    | 37.762    | 2433.167 | 2470.929 | ---        | PASS    |
|            | Ant2    | 2452    | 37.804    | 2433.117 | 2470.921 | ---        | PASS    |
| 11N20MIMO  | Ant1    | 2412    | 17.937    | 2403.070 | 2421.007 | ---        | PASS    |

|            |      |      |        |          |          |     |      |
|------------|------|------|--------|----------|----------|-----|------|
|            | Ant2 | 2412 | 17.954 | 2403.164 | 2421.118 | --- | PASS |
|            | Ant1 | 2437 | 17.870 | 2428.087 | 2445.957 | --- | PASS |
|            | Ant2 | 2437 | 17.952 | 2428.084 | 2446.036 | --- | PASS |
|            | Ant1 | 2462 | 17.933 | 2453.080 | 2471.013 | --- | PASS |
|            | Ant2 | 2462 | 17.954 | 2453.118 | 2471.072 | --- | PASS |
| 11N40MIMO  | Ant1 | 2422 | 36.499 | 2404.035 | 2440.534 | --- | PASS |
|            | Ant2 | 2422 | 36.532 | 2403.841 | 2440.373 | --- | PASS |
|            | Ant1 | 2437 | 36.703 | 2418.654 | 2455.357 | --- | PASS |
|            | Ant2 | 2437 | 36.527 | 2418.885 | 2455.412 | --- | PASS |
|            | Ant1 | 2452 | 36.777 | 2433.676 | 2470.453 | --- | PASS |
|            | Ant2 | 2452 | 36.680 | 2433.797 | 2470.477 | --- | PASS |
| 11AX20MIMO | Ant1 | 2412 | 18.863 | 2402.593 | 2421.456 | --- | PASS |
|            | Ant2 | 2412 | 18.830 | 2402.703 | 2421.533 | --- | PASS |
|            | Ant1 | 2437 | 37.615 | 2418.199 | 2455.814 | --- | PASS |
|            | Ant2 | 2437 | 19.100 | 2427.447 | 2446.547 | --- | PASS |
|            | Ant1 | 2462 | 19.083 | 2452.484 | 2471.567 | --- | PASS |
|            | Ant2 | 2462 | 19.128 | 2452.470 | 2471.598 | --- | PASS |
| 11AX40MIMO | Ant1 | 2422 | 37.519 | 2403.302 | 2440.821 | --- | PASS |
|            | Ant2 | 2422 | 37.459 | 2403.489 | 2440.948 | --- | PASS |
|            | Ant1 | 2437 | 37.567 | 2418.199 | 2455.766 | --- | PASS |
|            | Ant2 | 2437 | 37.644 | 2418.316 | 2455.960 | --- | PASS |
|            | Ant1 | 2452 | 37.704 | 2433.246 | 2470.950 | --- | PASS |
|            | Ant2 | 2452 | 37.690 | 2433.226 | 2470.916 | --- | PASS |

## Test Graphs



11B\_Ant1\_2412



11B\_Ant2\_2412



11B\_Ant1\_2437



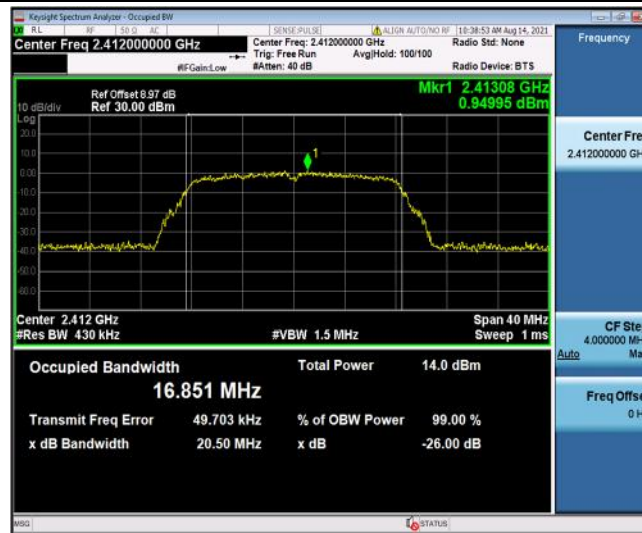
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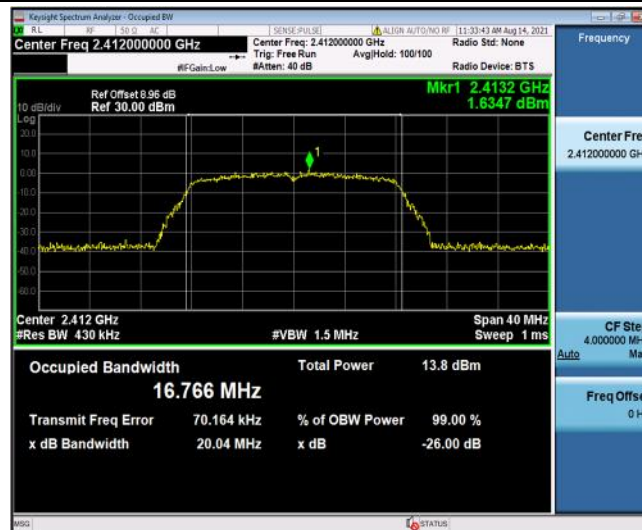
11B\_Ant1\_2462



11B\_Ant2\_2462



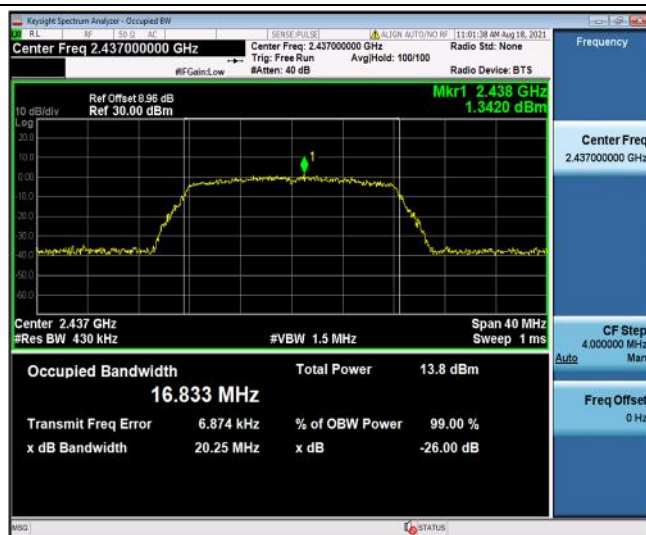
11G\_Ant1\_2412



11G\_Ant2\_2412



11G\_Ant1\_2437



11G\_Ant2\_2437



11G\_Ant1\_2462



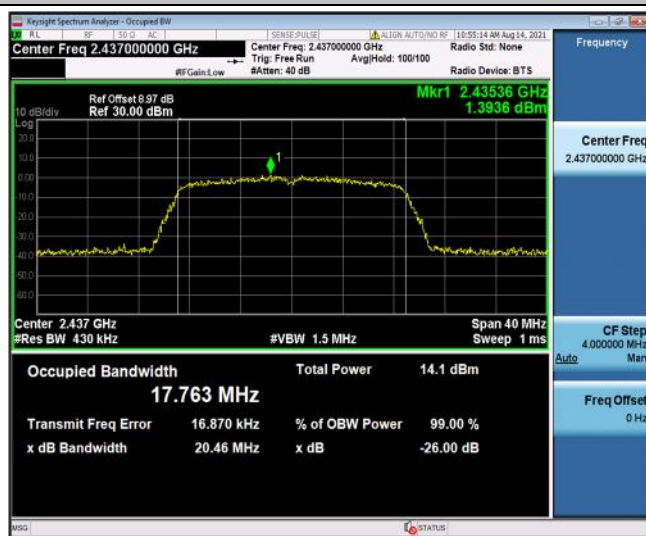
11G\_Ant2\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant2\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant2\_2437



11N20SISO\_Ant1\_2462



11N20SISO\_Ant2\_2462



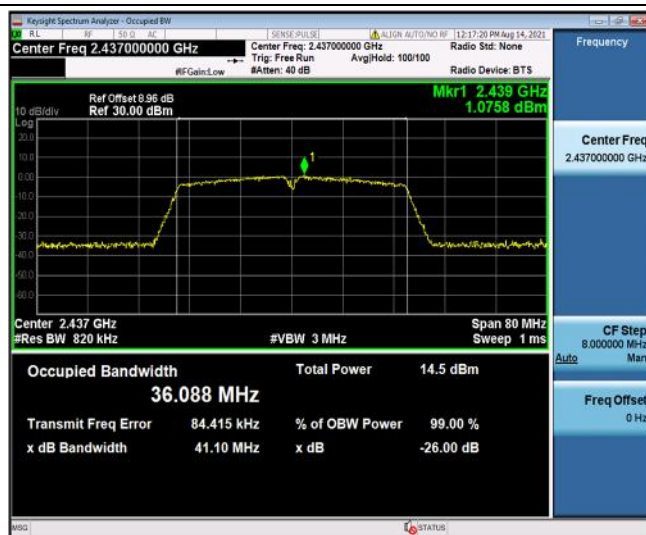
11N40SISO\_Ant1\_2422



11N40SISO\_Ant2\_2422



11N40SISO\_Ant1\_2437



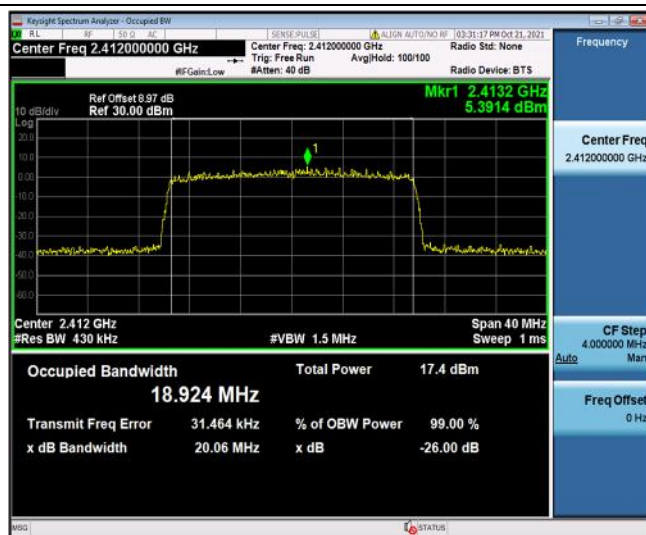
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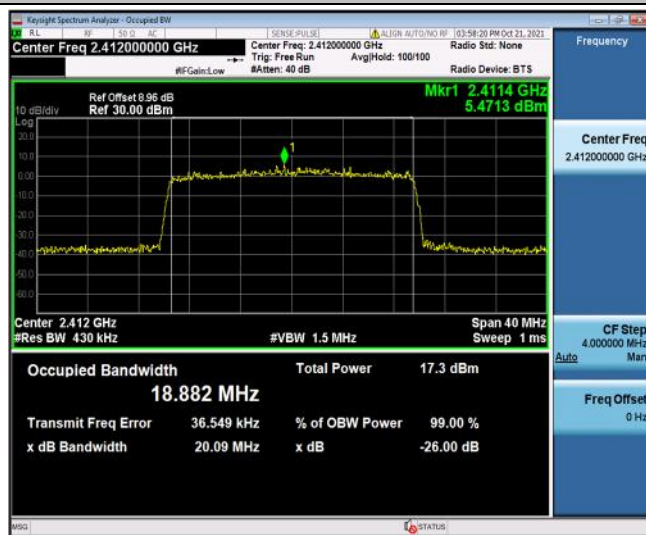
11N40SISO\_Ant1\_2452



11N40SISO\_Ant2\_2452



11AX20SISO\_Ant1\_2412



11AX20SISO\_Ant2\_2412



11AX20SISO\_Ant1\_2437



11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant1\_2462



11AX20SISO\_Ant2\_2462



11AX40SISO\_Ant1\_2422



11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant1\_2437



11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant1\_2452



11AX40SISO\_Ant2\_2452



11N20MIMO\_Ant1\_2412



11N20MIMO\_Ant2\_2412



11N20MIMO\_Ant1\_2437



11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462



11N20MIMO\_Ant2\_2462



11N40MIMO\_Ant1\_2422



11N40MIMO\_Ant2\_2422



11N40MIMO\_Ant1\_2437



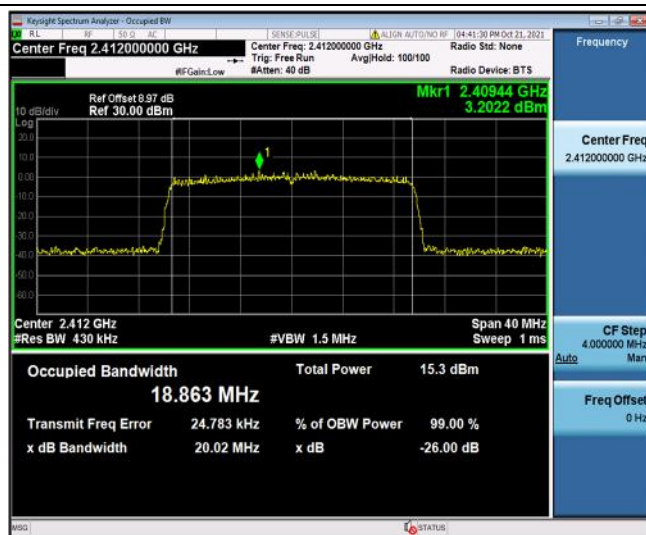
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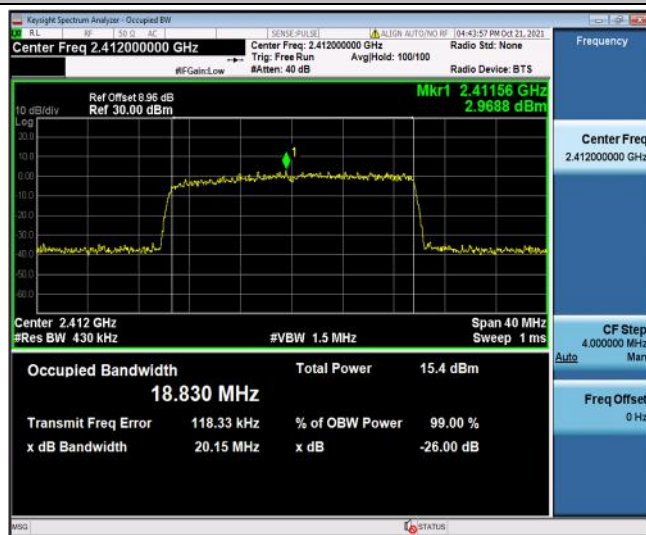
11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452



11AX20MIMO\_Ant1\_2412



11AX20MIMO\_Ant2\_2412



11AX20MIMO\_Ant1\_2437



11AX20MIMO\_Ant2\_2437



11AX20MIMO\_Ant1\_2462



11AX20MIMO\_Ant2\_2462



11AX40MIMO\_Ant1\_2422



11AX40MIMO\_Ant2\_2422



11AX40MIMO\_Ant1\_2437