

## Appendix A: DTS Bandwidth

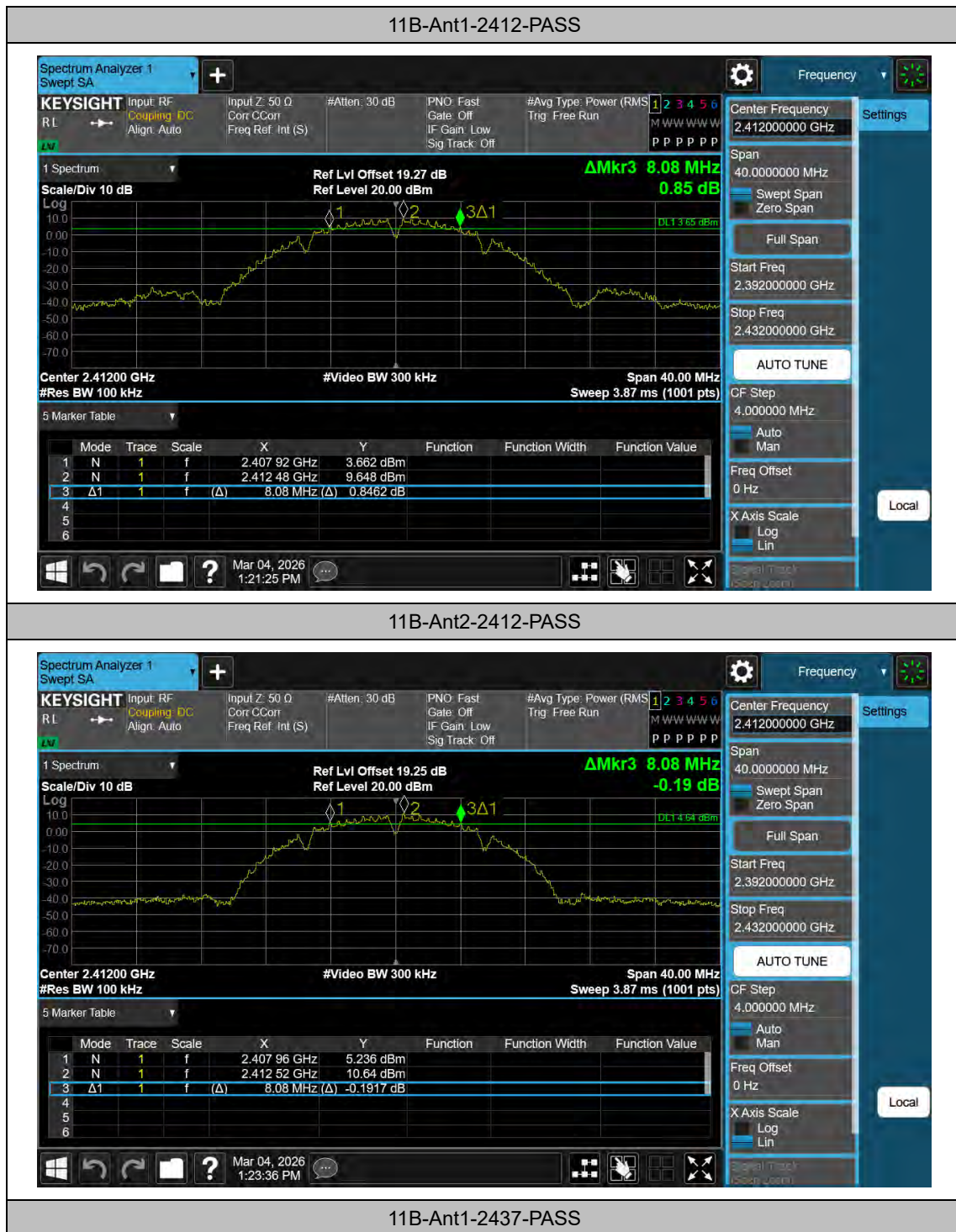
### Test Result

| TestMode   | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B        | Ant1    | 2412           | 8.080        | 2407.920 | 2416.000 | 0.5        | PASS    |
| 11B        | Ant2    | 2412           | 8.080        | 2407.960 | 2416.040 | 0.5        | PASS    |
| 11B        | Ant1    | 2437           | 8.080        | 2432.960 | 2441.040 | 0.5        | PASS    |
| 11B        | Ant2    | 2437           | 7.480        | 2433.000 | 2440.480 | 0.5        | PASS    |
| 11B        | Ant1    | 2462           | 8.040        | 2457.960 | 2466.000 | 0.5        | PASS    |
| 11B        | Ant2    | 2462           | 7.080        | 2458.440 | 2465.520 | 0.5        | PASS    |
| 11G        | Ant1    | 2412           | 16.320       | 2403.800 | 2420.120 | 0.5        | PASS    |
| 11G        | Ant2    | 2412           | 16.280       | 2403.840 | 2420.120 | 0.5        | PASS    |
| 11G        | Ant1    | 2437           | 16.000       | 2428.840 | 2444.840 | 0.5        | PASS    |
| 11G        | Ant2    | 2437           | 12.160       | 2430.120 | 2442.280 | 0.5        | PASS    |
| 11G        | Ant1    | 2462           | 15.280       | 2454.240 | 2469.520 | 0.5        | PASS    |
| 11G        | Ant2    | 2462           | 15.640       | 2453.880 | 2469.520 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 15.640       | 2403.480 | 2419.120 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2412           | 15.920       | 2403.600 | 2419.520 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2437           | 14.720       | 2429.840 | 2444.560 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2437           | 16.280       | 2428.600 | 2444.880 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2462           | 17.120       | 2453.240 | 2470.360 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2462           | 15.680       | 2453.840 | 2469.520 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 33.840       | 2404.480 | 2438.320 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2422           | 35.120       | 2404.400 | 2439.520 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2437           | 35.040       | 2419.480 | 2454.520 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2437           | 35.040       | 2419.480 | 2454.520 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2452           | 34.960       | 2434.560 | 2469.520 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2452           | 34.080       | 2434.240 | 2468.320 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 17.280       | 2402.840 | 2420.120 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2412           | 18.040       | 2402.720 | 2420.760 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2437           | 16.720       | 2429.040 | 2445.760 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2437           | 17.480       | 2428.280 | 2445.760 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2462           | 16.760       | 2453.240 | 2470.000 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2462           | 17.600       | 2453.160 | 2470.760 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 37.600       | 2403.200 | 2440.800 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2422           | 36.400       | 2404.400 | 2440.800 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2437           | 37.520       | 2418.200 | 2455.720 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2437           | 35.040       | 2419.480 | 2454.520 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2452           | 37.520       | 2433.280 | 2470.800 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2452           | 34.080       | 2434.240 | 2468.320 | 0.5        | PASS    |
| 11BE20MIMO | Ant1    | 2412           | 17.960       | 2402.840 | 2420.800 | 0.5        | PASS    |



|            |      |      |        |          |          |     |      |
|------------|------|------|--------|----------|----------|-----|------|
| 11BE20MIMO | Ant2 | 2412 | 17.080 | 2403.240 | 2420.320 | 0.5 | PASS |
| 11BE20MIMO | Ant1 | 2437 | 18.520 | 2427.720 | 2446.240 | 0.5 | PASS |
| 11BE20MIMO | Ant2 | 2437 | 18.040 | 2428.000 | 2446.040 | 0.5 | PASS |
| 11BE20MIMO | Ant1 | 2462 | 16.840 | 2453.280 | 2470.120 | 0.5 | PASS |
| 11BE20MIMO | Ant2 | 2462 | 18.200 | 2452.960 | 2471.160 | 0.5 | PASS |
| 11BE40MIMO | Ant1 | 2422 | 35.120 | 2404.400 | 2439.520 | 0.5 | PASS |
| 11BE40MIMO | Ant2 | 2422 | 35.360 | 2404.800 | 2440.160 | 0.5 | PASS |
| 11BE40MIMO | Ant1 | 2437 | 35.120 | 2419.400 | 2454.520 | 0.5 | PASS |
| 11BE40MIMO | Ant2 | 2437 | 35.120 | 2419.400 | 2454.520 | 0.5 | PASS |
| 11BE40MIMO | Ant1 | 2452 | 36.560 | 2434.400 | 2470.960 | 0.5 | PASS |
| 11BE40MIMO | Ant2 | 2452 | 36.320 | 2433.200 | 2469.520 | 0.5 | PASS |

## Test Graphs

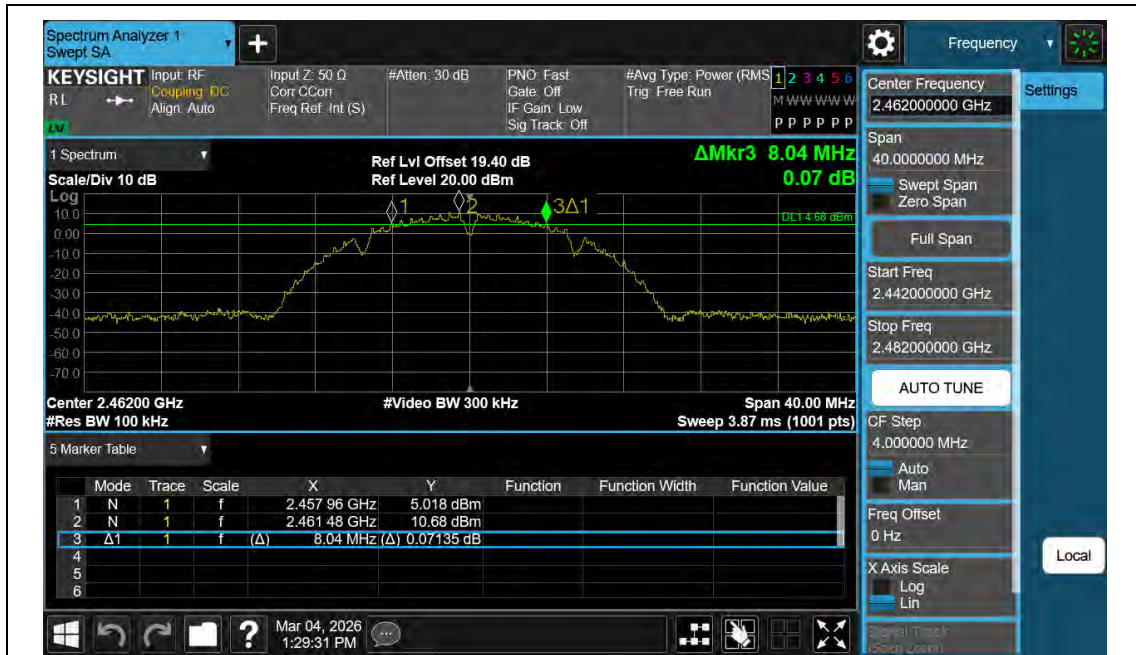




11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



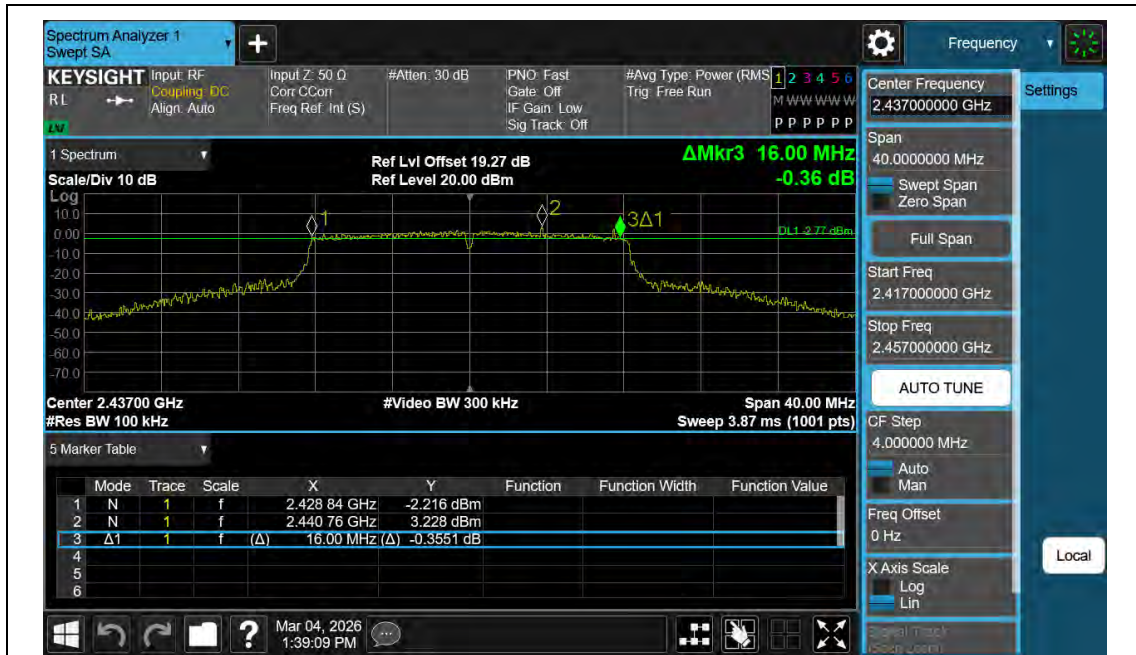
11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS



11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



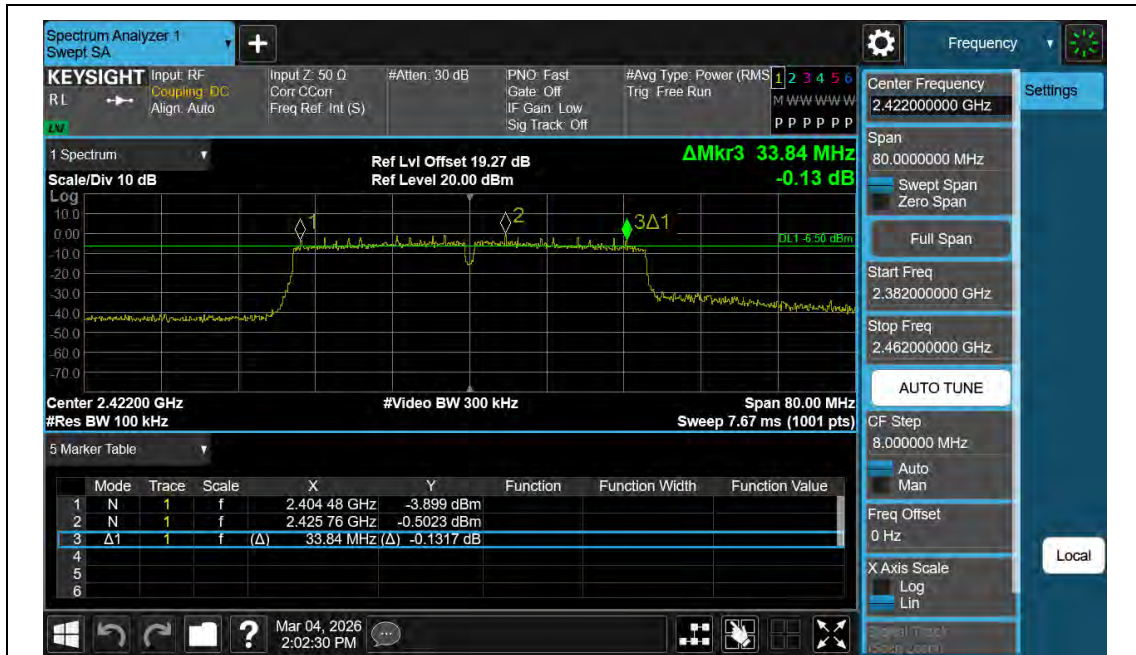
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



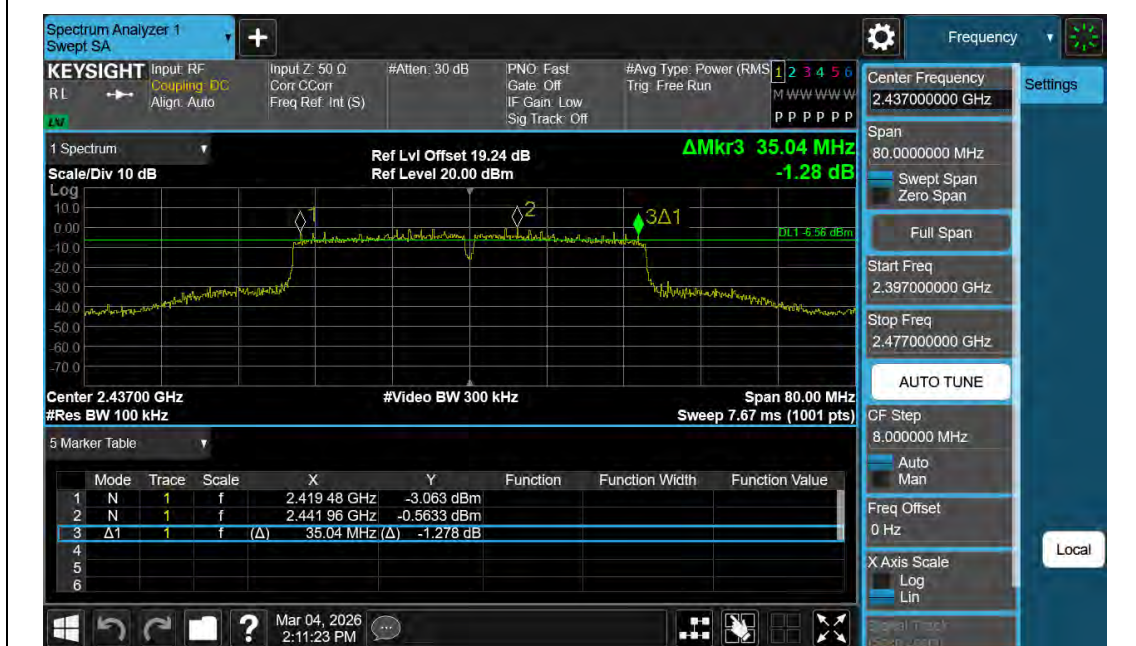
11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



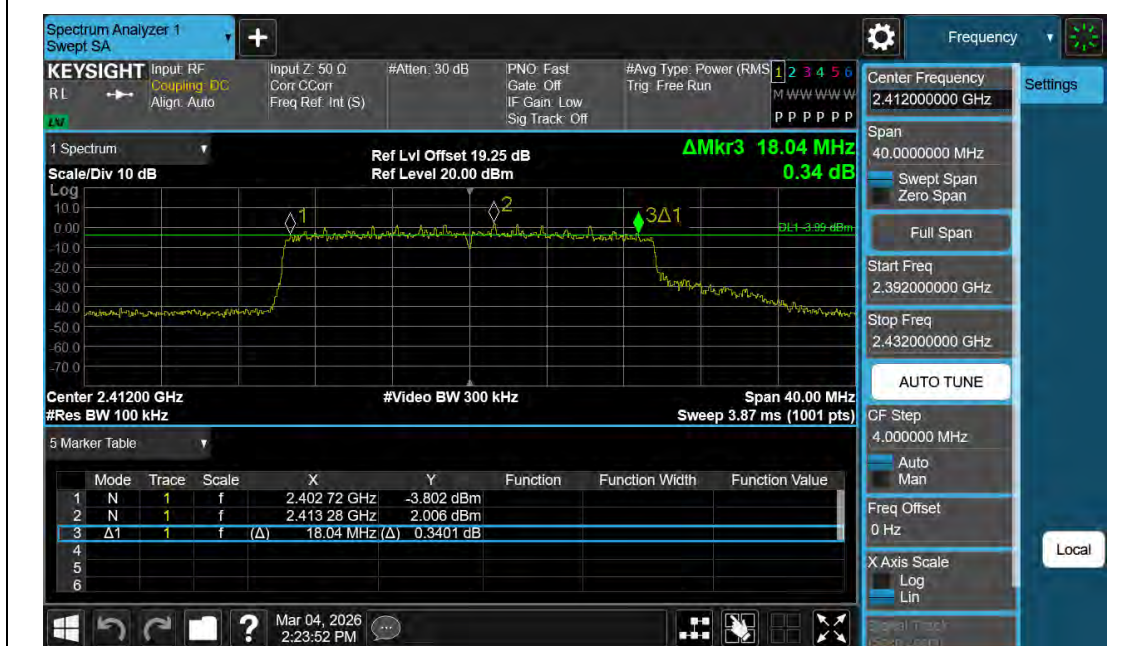
11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



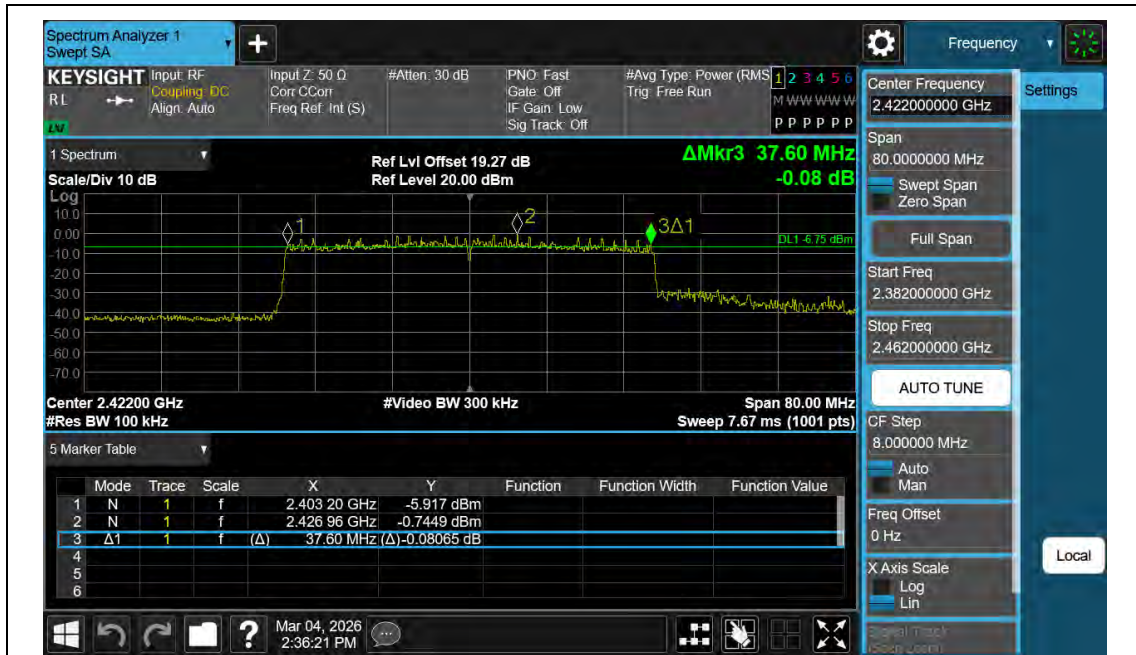
11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



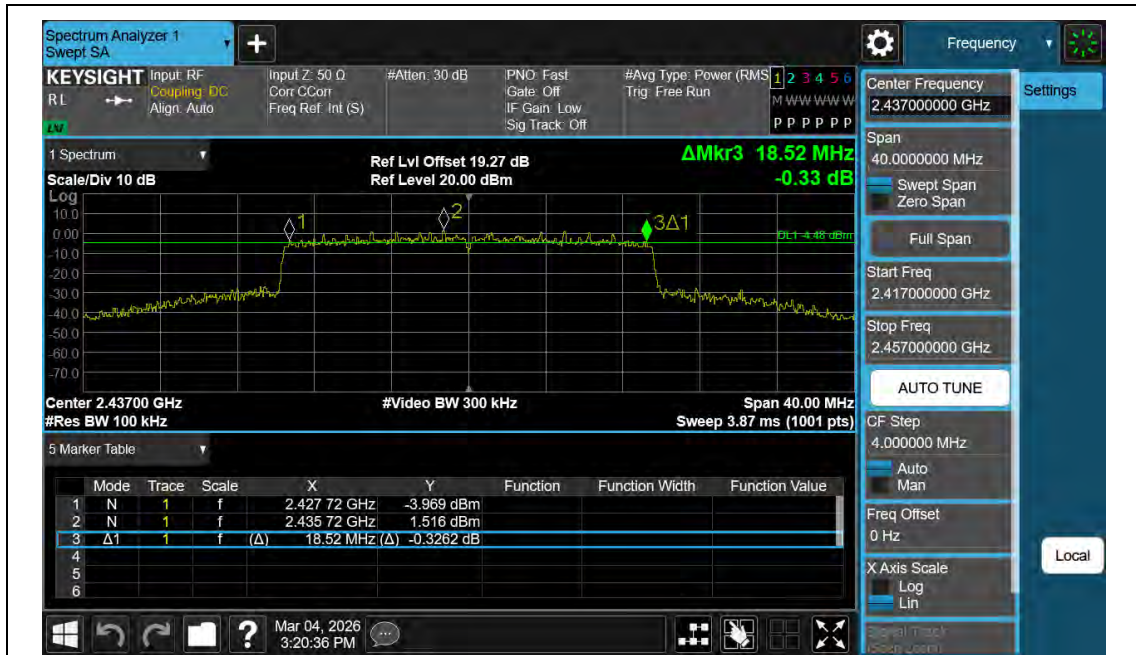
11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



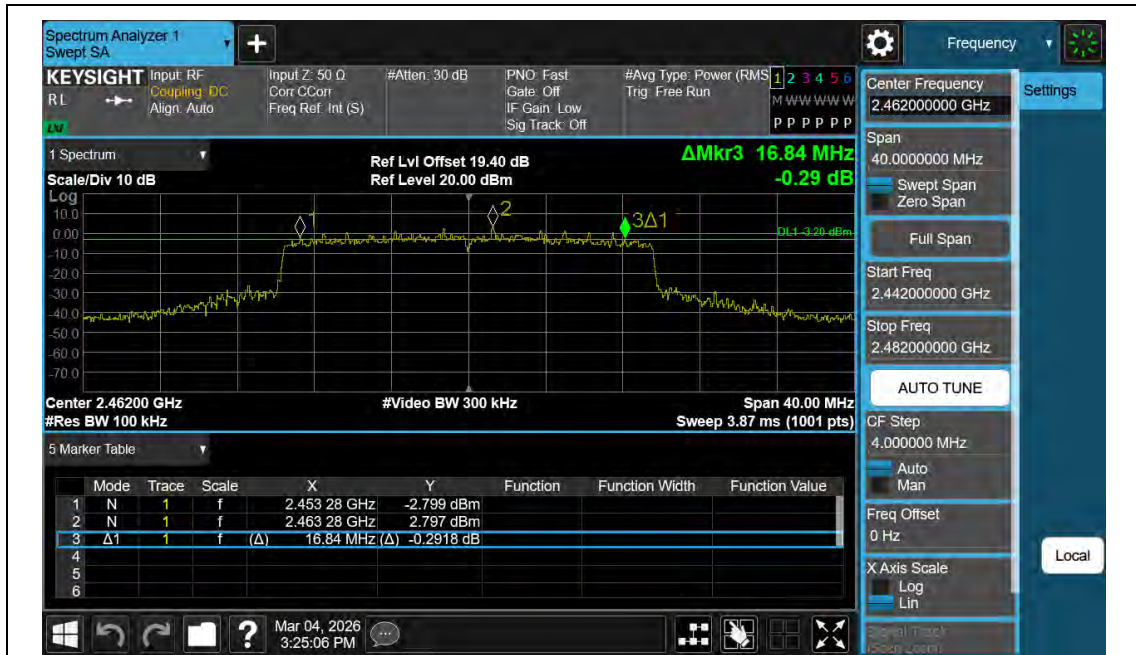
11BE20MIMO-Ant1-2437-PASS



11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



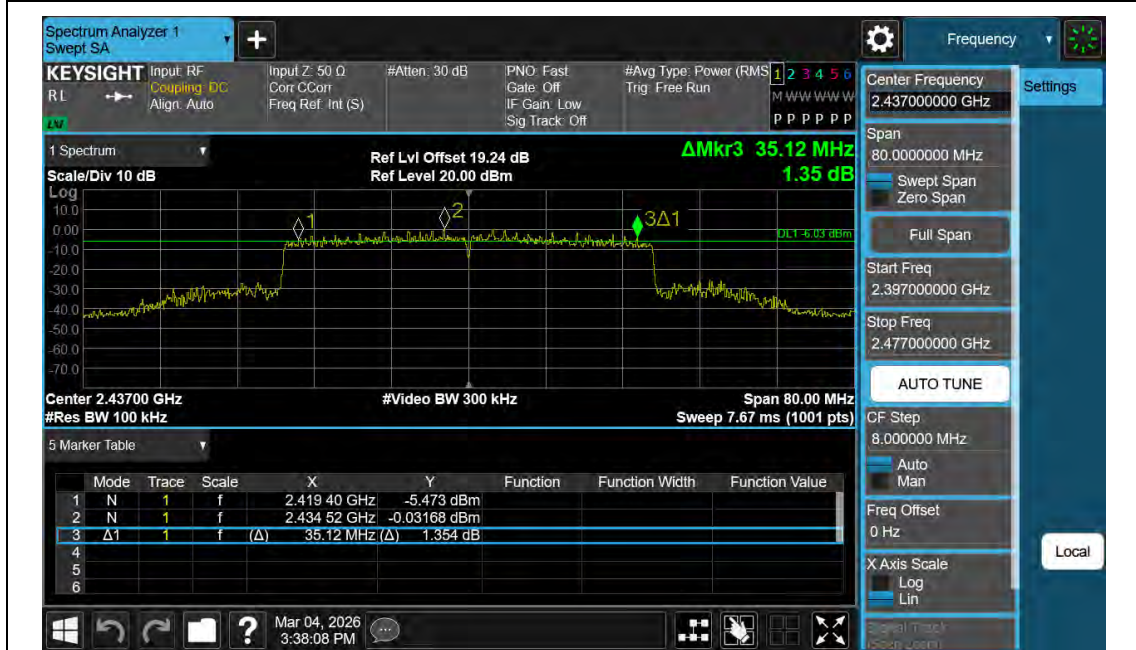
11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



### 11BE40MIMO-Ant2-2452-PASS



## Appendix B: Maximum conducted output power

### Test Result Peak

| TestMode      | Antenna | Frequency[MHz] | Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|---------------|---------|----------------|-----------------|----------------------|---------|
| 11B           | Ant1    | 2412           | 20.98           | ≤30.00               | PASS    |
| 11B           | Ant2    | 2412           | 21.34           | ≤30.00               | PASS    |
| 11B           | Ant1    | 2437           | 21.06           | ≤30.00               | PASS    |
| 11B           | Ant2    | 2437           | 20.96           | ≤30.00               | PASS    |
| 11B           | Ant1    | 2462           | 21.55           | ≤30.00               | PASS    |
| 11B           | Ant2    | 2462           | 21.13           | ≤30.00               | PASS    |
| 11G           | Ant1    | 2412           | 22.51           | ≤30.00               | PASS    |
| 11G           | Ant2    | 2412           | 22.69           | ≤30.00               | PASS    |
| 11G           | Ant1    | 2437           | 22.44           | ≤30.00               | PASS    |
| 11G           | Ant2    | 2437           | 21.74           | ≤30.00               | PASS    |
| 11G           | Ant1    | 2462           | 22.67           | ≤30.00               | PASS    |
| 11G           | Ant2    | 2462           | 22.72           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant1    | 2412           | 19.93           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant2    | 2412           | 20.64           | ≤30.00               | PASS    |
| 11N20MI<br>MO | total   | 2412           | 23.31           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant1    | 2437           | 19.65           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant2    | 2437           | 20.60           | ≤30.00               | PASS    |
| 11N20MI<br>MO | total   | 2437           | 23.16           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant1    | 2462           | 20.38           | ≤30.00               | PASS    |
| 11N20MI<br>MO | Ant2    | 2462           | 20.71           | ≤30.00               | PASS    |
| 11N20MI<br>MO | total   | 2462           | 23.56           | ≤30.00               | PASS    |
| 11N40MI<br>MO | Ant1    | 2422           | 20.61           | ≤30.00               | PASS    |
| 11N40MI<br>MO | Ant2    | 2422           | 21.32           | ≤30.00               | PASS    |
| 11N40MI<br>MO | total   | 2422           | 23.99           | ≤30.00               | PASS    |
| 11N40MI<br>MO | Ant1    | 2437           | 20.69           | ≤30.00               | PASS    |

|                |       |      |       |        |      |
|----------------|-------|------|-------|--------|------|
| 11N40MI<br>MO  | Ant2  | 2437 | 21.27 | ≤30.00 | PASS |
| 11N40MI<br>MO  | total | 2437 | 24.00 | ≤30.00 | PASS |
| 11N40MI<br>MO  | Ant1  | 2452 | 20.92 | ≤30.00 | PASS |
| 11N40MI<br>MO  | Ant2  | 2452 | 21.19 | ≤30.00 | PASS |
| 11N40MI<br>MO  | total | 2452 | 24.07 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant1  | 2412 | 20.44 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant2  | 2412 | 20.73 | ≤30.00 | PASS |
| 11AX20M<br>IMO | total | 2412 | 23.60 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant1  | 2437 | 20.29 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant2  | 2437 | 20.85 | ≤30.00 | PASS |
| 11AX20M<br>IMO | total | 2437 | 23.59 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant1  | 2462 | 20.75 | ≤30.00 | PASS |
| 11AX20M<br>IMO | Ant2  | 2462 | 20.79 | ≤30.00 | PASS |
| 11AX20M<br>IMO | total | 2462 | 23.78 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant1  | 2422 | 21.53 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant2  | 2422 | 21.63 | ≤30.00 | PASS |
| 11AX40M<br>IMO | total | 2422 | 24.59 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant1  | 2437 | 21.35 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant2  | 2437 | 21.46 | ≤30.00 | PASS |
| 11AX40M<br>IMO | total | 2437 | 24.42 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant1  | 2452 | 21.64 | ≤30.00 | PASS |
| 11AX40M<br>IMO | Ant2  | 2452 | 21.50 | ≤30.00 | PASS |

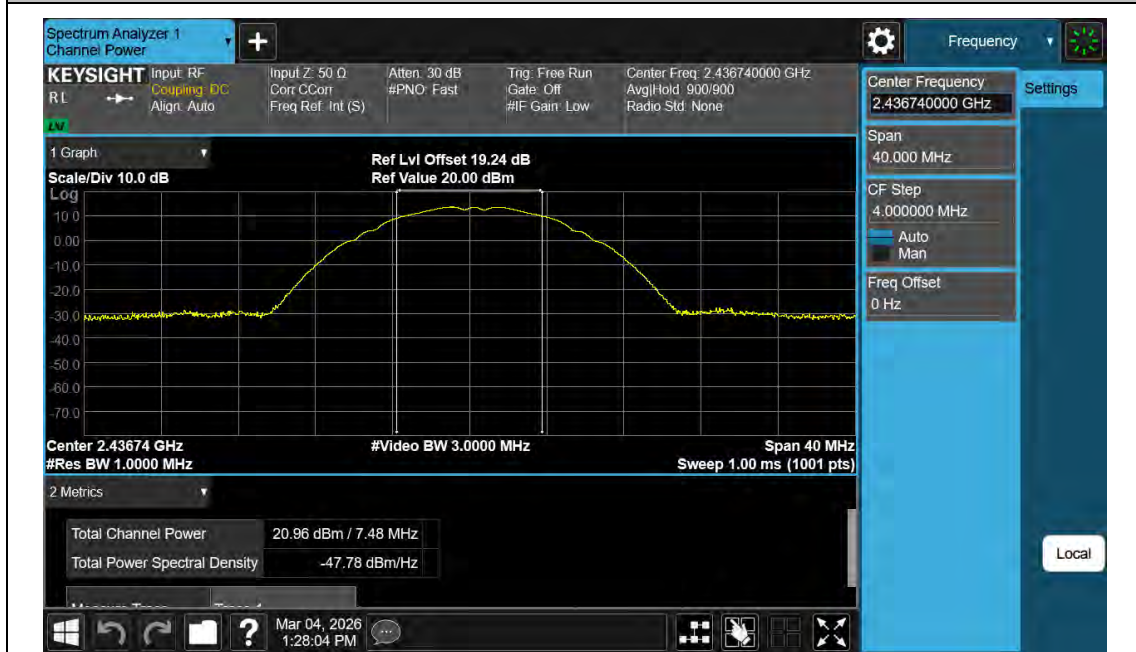
|                |       |      |       |        |      |
|----------------|-------|------|-------|--------|------|
| 11AX40M<br>IMO | total | 2452 | 24.58 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant1  | 2412 | 20.73 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant2  | 2412 | 20.67 | ≤30.00 | PASS |
| 11BE20M<br>IMO | total | 2412 | 23.71 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant1  | 2437 | 20.69 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant2  | 2437 | 21.04 | ≤30.00 | PASS |
| 11BE20M<br>IMO | total | 2437 | 23.88 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant1  | 2462 | 20.86 | ≤30.00 | PASS |
| 11BE20M<br>IMO | Ant2  | 2462 | 21.16 | ≤30.00 | PASS |
| 11BE20M<br>IMO | total | 2462 | 24.02 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant1  | 2422 | 21.24 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant2  | 2422 | 21.54 | ≤30.00 | PASS |
| 11BE40M<br>IMO | total | 2422 | 24.40 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant1  | 2437 | 21.22 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant2  | 2437 | 21.50 | ≤30.00 | PASS |
| 11BE40M<br>IMO | total | 2437 | 24.37 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant1  | 2452 | 21.57 | ≤30.00 | PASS |
| 11BE40M<br>IMO | Ant2  | 2452 | 21.65 | ≤30.00 | PASS |
| 11BE40M<br>IMO | total | 2452 | 24.62 | ≤30.00 | PASS |

## Test Graphs Peak





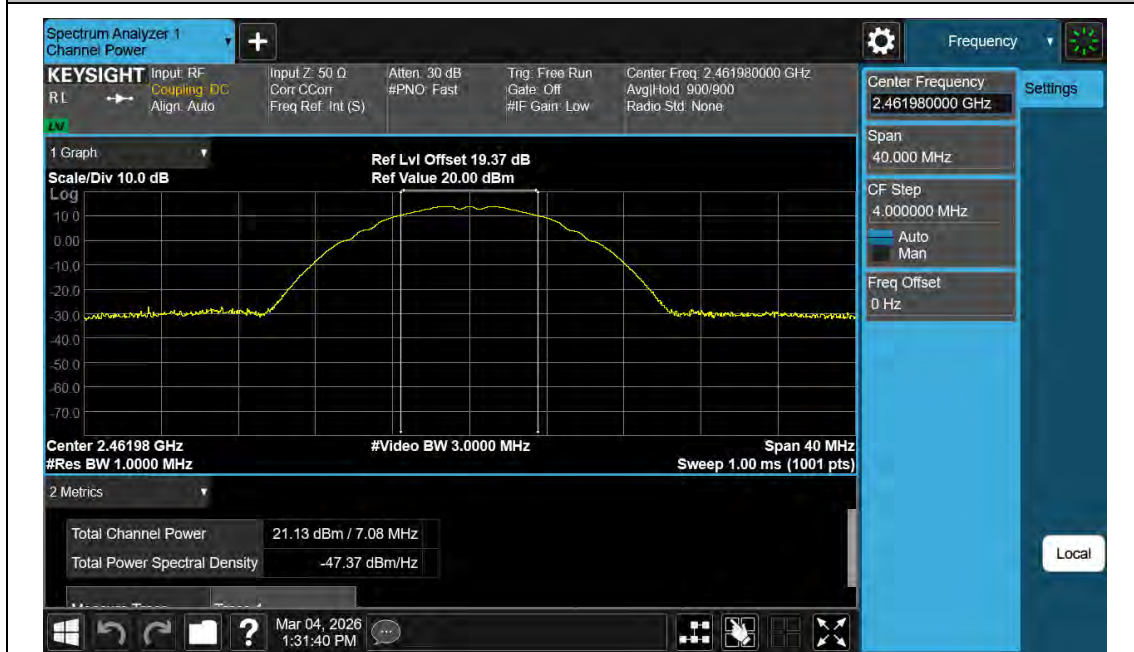
11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS





11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS



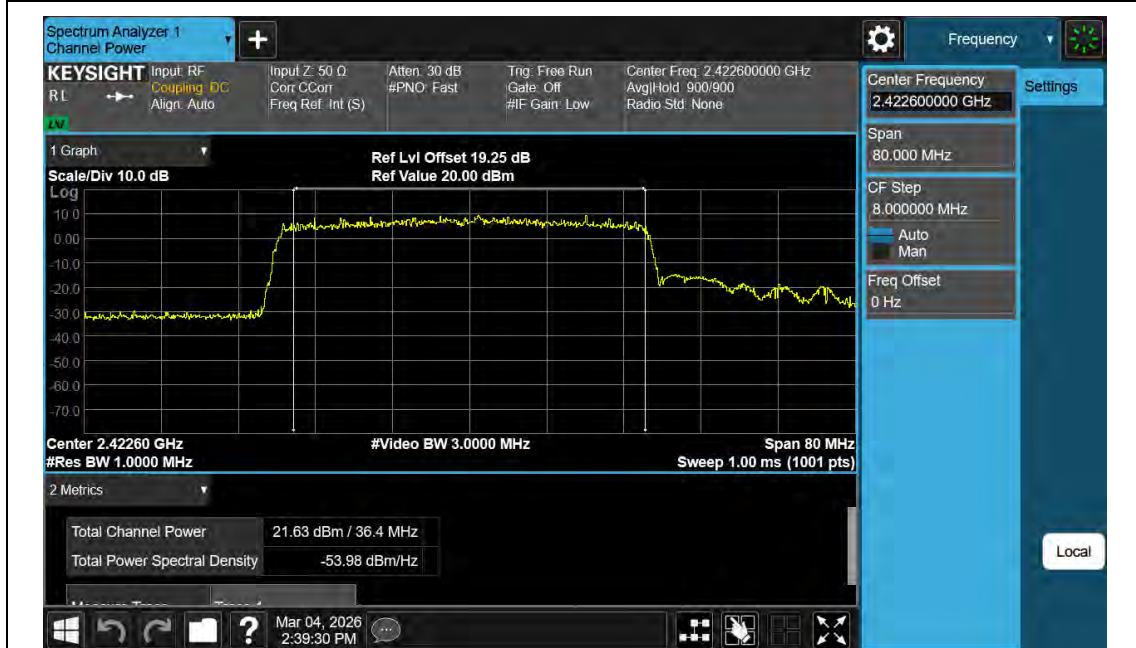
11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



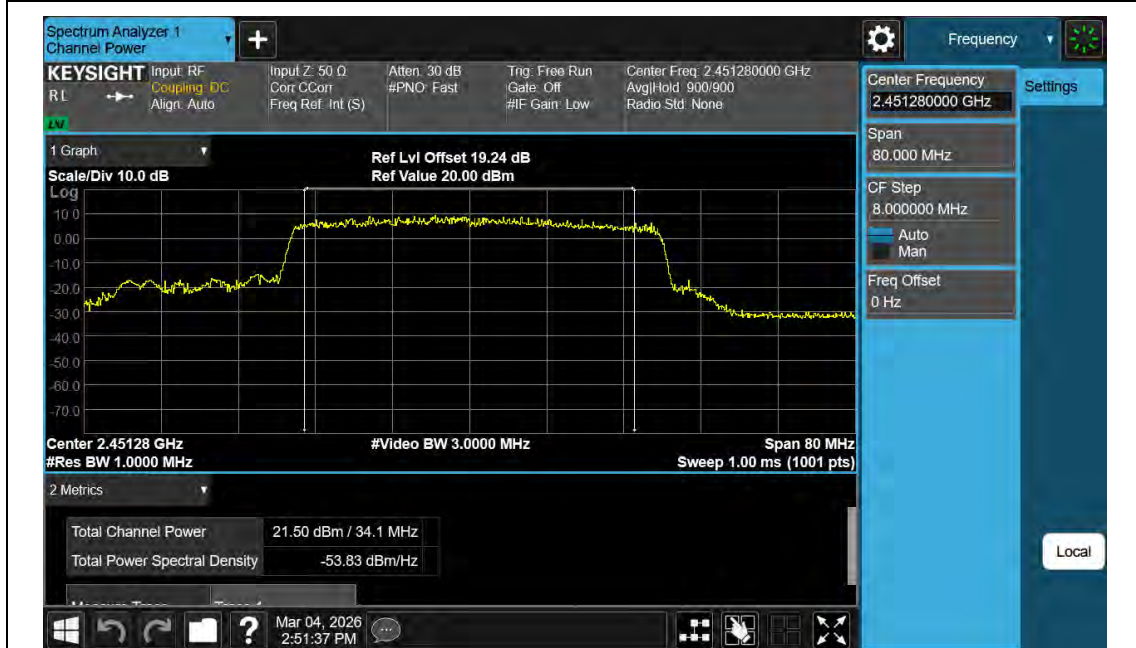
11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2437-PASS



11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS