

## Appendix: 2.4G Wi-Fi

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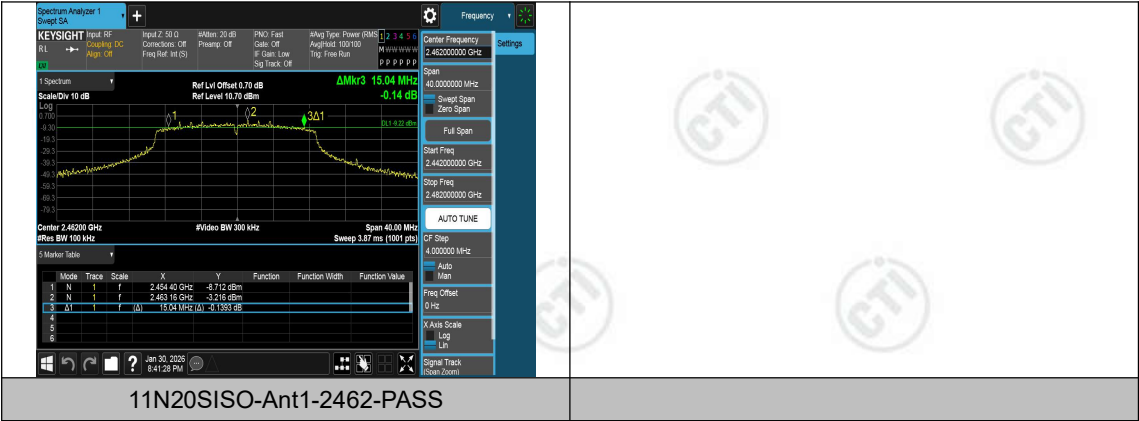
Appendix A: DTS Bandwidth

Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 9.000        | 2407.360 | 2416.360 | 0.5        | PASS    |
| 11B       | Ant1    | 2437           | 8.520        | 2432.400 | 2440.920 | 0.5        | PASS    |
| 11B       | Ant1    | 2462           | 8.520        | 2457.360 | 2465.880 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 13.320       | 2405.200 | 2418.520 | 0.5        | PASS    |
| 11G       | Ant1    | 2437           | 14.600       | 2429.400 | 2444.000 | 0.5        | PASS    |
| 11G       | Ant1    | 2462           | 15.400       | 2454.000 | 2469.400 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 15.040       | 2404.360 | 2419.400 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2437           | 14.680       | 2429.760 | 2444.440 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2462           | 15.040       | 2454.400 | 2469.440 | 0.5        | PASS    |

## Test Graphs



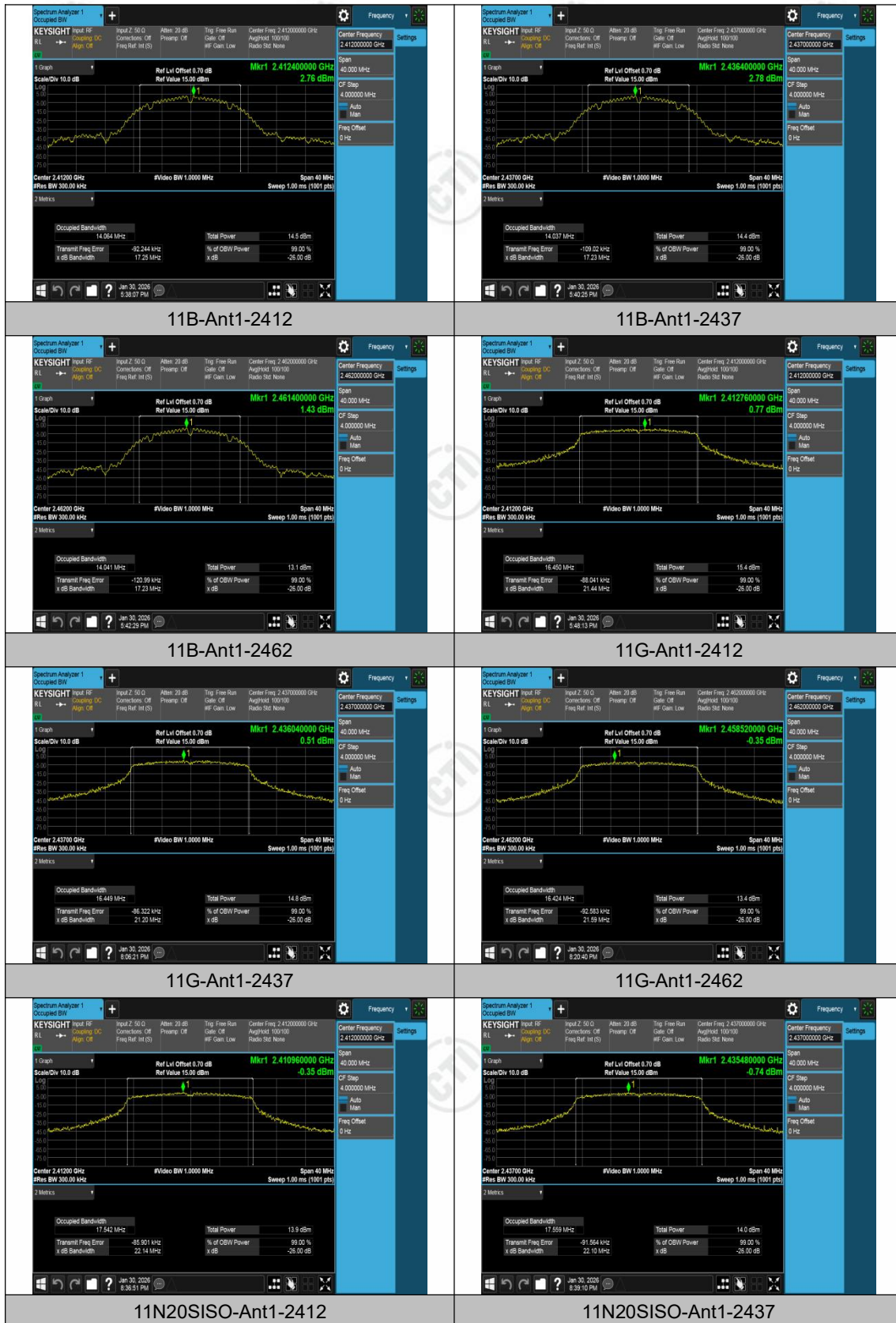


## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[<br>MHz] | Verdict |
|-----------|---------|---------------------------|-----------|-----------|-----------|----------------|---------|
| 11B       | Ant1    | 2412                      | 14.064    | 2404.8758 | 2418.9398 | ---            | ---     |
| 11B       | Ant1    | 2437                      | 14.037    | 2429.8725 | 2443.9095 | ---            | ---     |
| 11B       | Ant1    | 2462                      | 14.041    | 2454.8585 | 2468.8995 | ---            | ---     |
| 11G       | Ant1    | 2412                      | 16.450    | 2403.6870 | 2420.1370 | ---            | ---     |
| 11G       | Ant1    | 2437                      | 16.449    | 2428.6892 | 2445.1382 | ---            | ---     |
| 11G       | Ant1    | 2462                      | 16.424    | 2453.6954 | 2470.1194 | ---            | ---     |
| 11N20SISO | Ant1    | 2412                      | 17.542    | 2403.1431 | 2420.6851 | ---            | ---     |
| 11N20SISO | Ant1    | 2437                      | 17.559    | 2428.1289 | 2445.6879 | ---            | ---     |
| 11N20SISO | Ant1    | 2462                      | 17.533    | 2453.1475 | 2470.6805 | ---            | ---     |

## Test Graphs





11N20SISO-Ant1-2462

**Appendix C: Maximum conducted output power****Test Result Peak**

| TestMode  | Antenna | Frequency[MHz] | Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------------|---------|
| 11B       | Ant1    | 2412           | 11.25           | ≤30.00               | PASS    |
| 11B       | Ant1    | 2437           | 11.05           | ≤30.00               | PASS    |
| 11B       | Ant1    | 2462           | 11.15           | ≤30.00               | PASS    |
| 11G       | Ant1    | 2412           | 9.70            | ≤30.00               | PASS    |
| 11G       | Ant1    | 2437           | 9.78            | ≤30.00               | PASS    |
| 11G       | Ant1    | 2462           | 9.76            | ≤30.00               | PASS    |
| 11N20SISO | Ant1    | 2412           | 9.89            | ≤30.00               | PASS    |
| 11N20SISO | Ant1    | 2437           | 9.76            | ≤30.00               | PASS    |
| 11N20SISO | Ant1    | 2462           | 9.78            | ≤30.00               | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -18.33               | ≤8.00           | PASS    |
| 11B       | Ant1    | 2437           | -20.37               | ≤8.00           | PASS    |
| 11B       | Ant1    | 2462           | -18.47               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -22.09               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2437           | -22.49               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2462           | -22.37               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -21.98               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2437           | -22.47               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2462           | -22.30               | ≤8.00           | PASS    |

## Test Graphs

