

A.3 DTS/OCCUPIED BANDWIDTH

| | | | |
|--------------|--------------------------------|------------|-------------|
| Test Date | 2023/10/19 | Temp./Hum. | 25°C/55% |
| Cable Loss | WiFi: 1.10dB, BLE: 1.10dB | Tested By | Harry Huang |
| Test Voltage | AC 120V, 60Hz (via AC Adapter) | | |

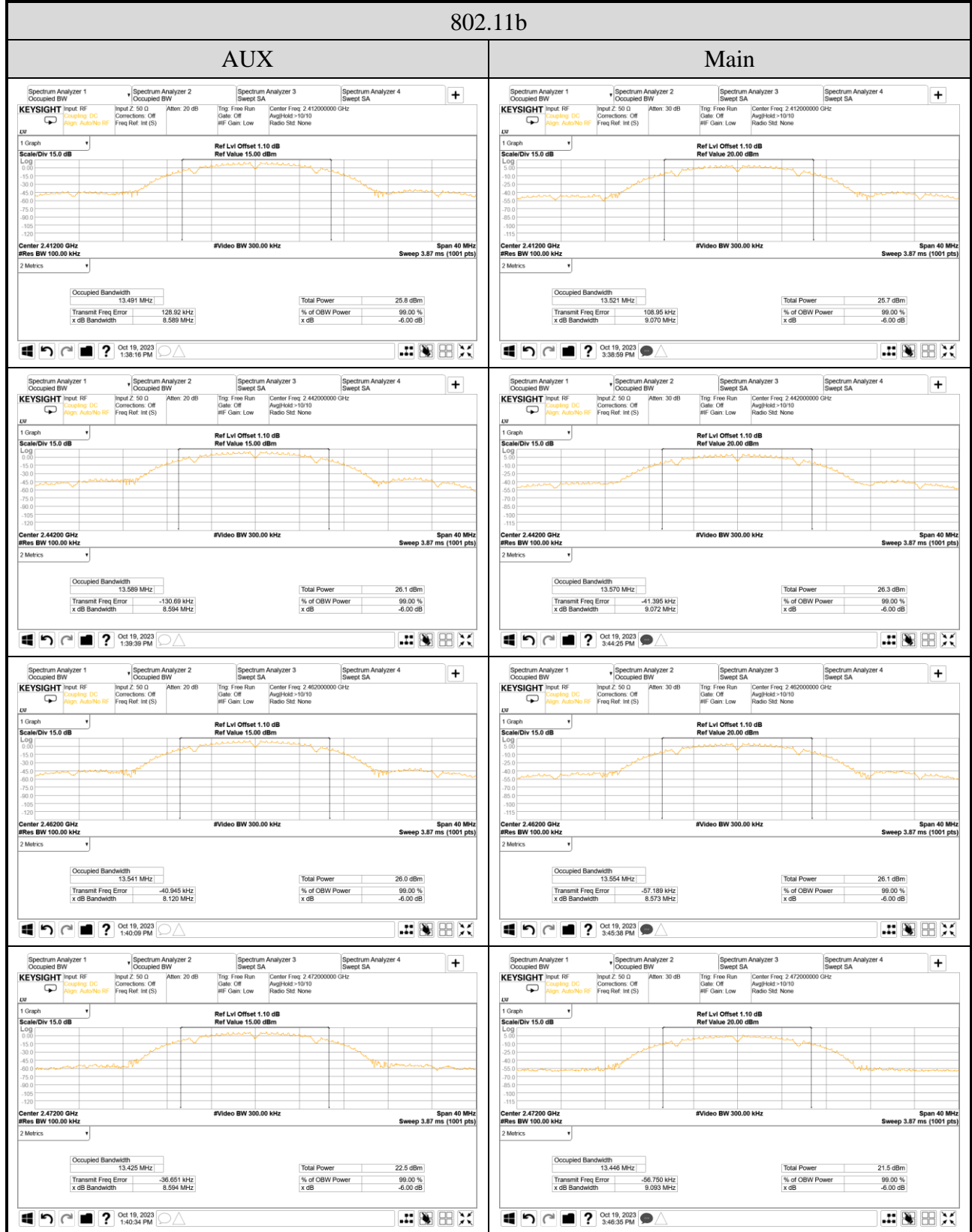
A.3.1 DTS/Occupied Bandwidth Result

| Mode | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) | | Occupied (99%) Bandwidth (MHz) | | Limit |
|---------------|------------------------|---------------------------|-------|--------------------------------|--------|---------|
| | | AUX | Main | AUX | Main | |
| 802.11b | 2412 | 8.589 | 9.070 | 13.477 | 13.633 | >500kHz |
| | 2442 | 8.594 | 9.072 | 13.570 | 13.566 | |
| | 2462 | 8.120 | 8.573 | 13.548 | 13.567 | |
| | 2472 | 8.594 | 9.093 | 13.431 | 13.432 | |
| 802.11g | 2412 | 15.15 | 15.17 | 16.791 | 16.815 | |
| | 2442 | 15.10 | 15.16 | 16.735 | 16.665 | |
| | 2462 | 15.13 | 13.87 | 16.701 | 16.850 | |
| | 2472 | 16.35 | 16.35 | 16.401 | 16.402 | |
| 802.11n-HT20 | 2412 | 15.16 | 15.09 | 17.750 | 17.723 | |
| | 2442 | 13.83 | 15.07 | 17.745 | 17.782 | |
| | 2462 | 15.69 | 17.56 | 17.747 | 17.753 | |
| | 2472 | 17.58 | 17.59 | 17.581 | 17.599 | |
| 802.11n-HT40 | 2422 | 26.65 | 35.15 | 35.936 | 35.899 | |
| | 2442 | 35.08 | 31.19 | 35.891 | 35.961 | |
| | 2452 | 33.78 | 34.12 | 35.928 | 35.917 | |
| | 2462 | 35.99 | 36.45 | 36.130 | 36.180 | |
| 802.11ax-HE20 | 2412 | 16.14 | 15.13 | 18.931 | 18.966 | |
| | 2442 | 16.60 | 15.15 | 18.974 | 18.926 | |
| | 2462 | 14.82 | 14.96 | 18.942 | 18.968 | |
| | 2472 | 18.05 | 17.92 | 18.715 | 18.724 | |
| 802.11ax-HE40 | 2422 | 34.70 | 35.13 | 37.411 | 37.422 | |
| | 2442 | 34.03 | 29.65 | 37.417 | 37.409 | |
| | 2452 | 32.56 | 31.89 | 37.439 | 37.411 | |
| | 2462 | 37.42 | 37.01 | 37.556 | 37.587 | |

| Mode | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) | Occupied (99%) Bandwidth (MHz) | Limit |
|--------------------|------------------------|---------------------------|--------------------------------|---------|
| BLE (1Mbps) | 2402 | 0.6665 | 1.0380 | >500kHz |
| | 2440 | 0.6752 | 1.0371 | |
| | 2480 | 0.6900 | 1.0375 | |
| BLE (2Mbps) | 2402 | 1.120 | 2.0368 | >500kHz |
| | 2440 | 1.117 | 2.0395 | |
| | 2480 | 1.131 | 2.0340 | |
| BLE (PHY Coded S2) | 2402 | 0.6605 | 1.0259 | >500kHz |
| | 2440 | 0.6957 | 1.0269 | |
| | 2480 | 0.6770 | 1.0282 | |
| BLE (PHY Coded S8) | 2402 | 0.6100 | 1.0593 | >500kHz |
| | 2440 | 0.6115 | 1.0574 | |
| | 2480 | 0.6135 | 1.0542 | |

A.3.2 Measurement Plots

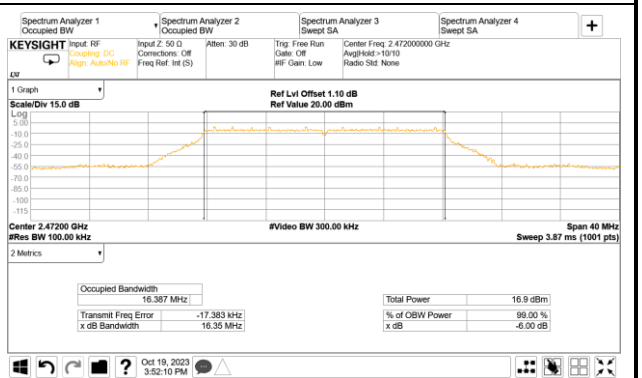
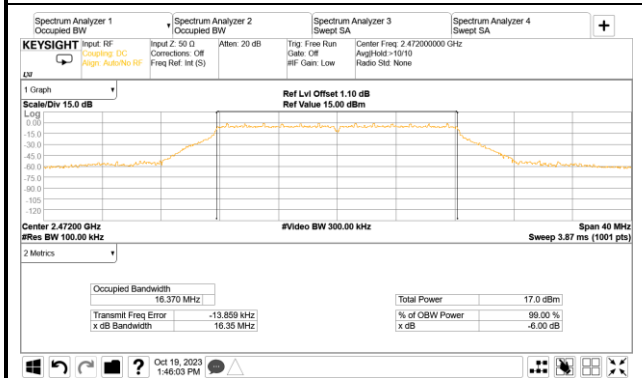
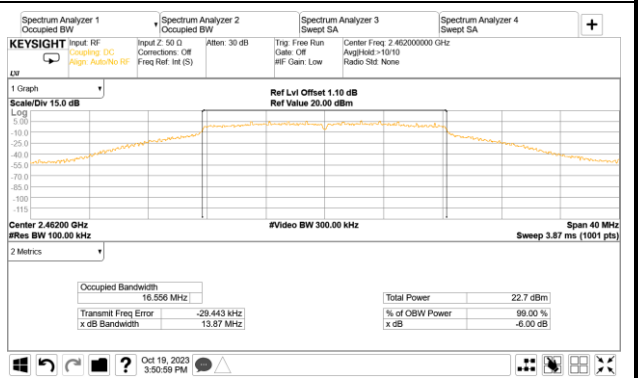
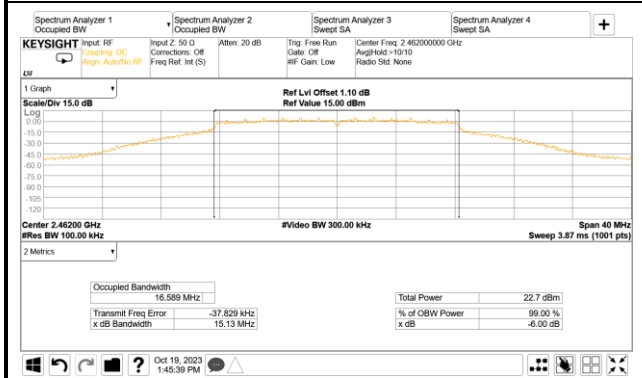
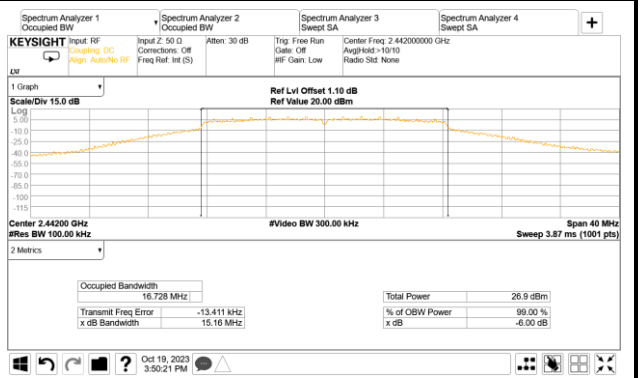
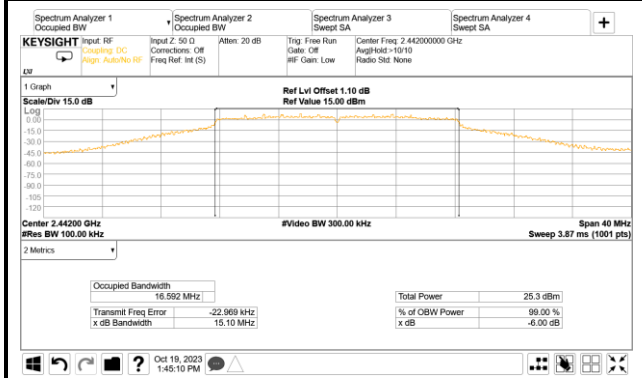
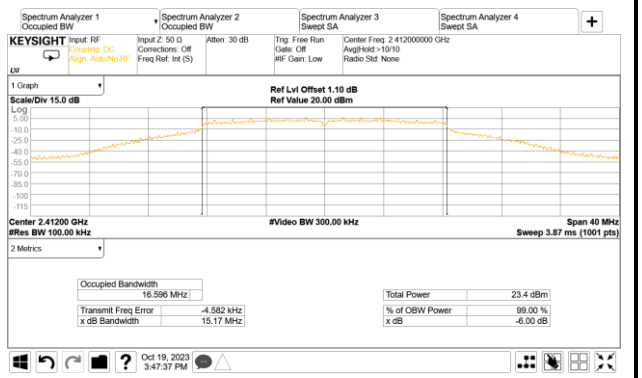
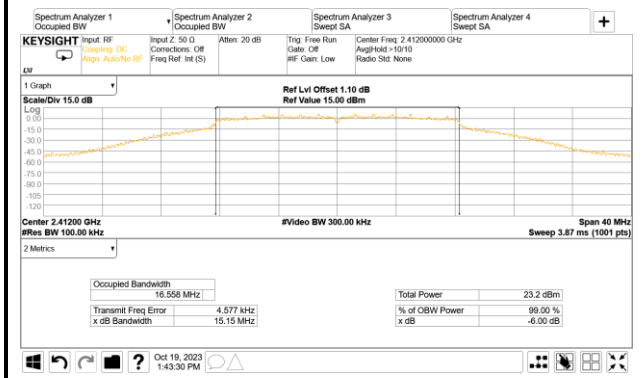
● DTS (6dB) Bandwidth



802.11g

AUX

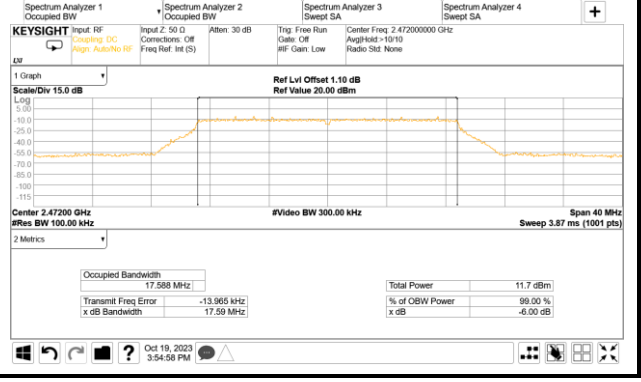
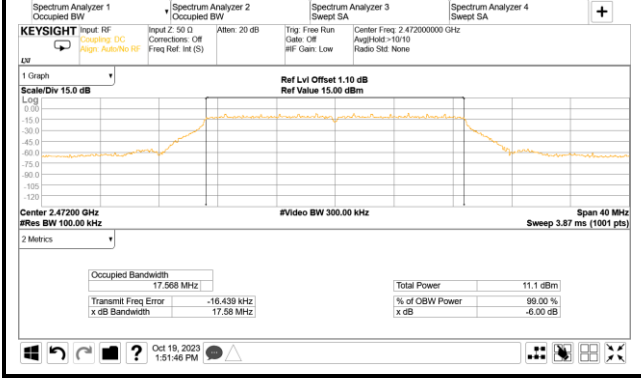
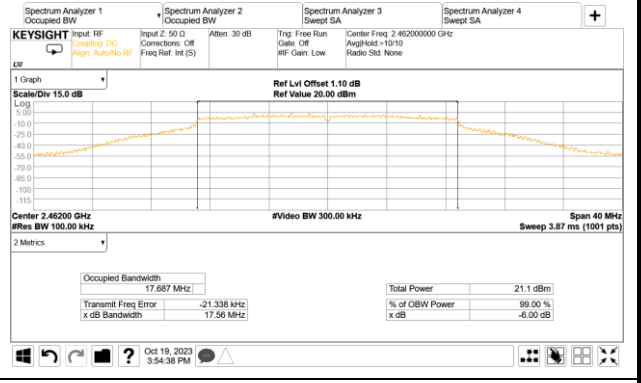
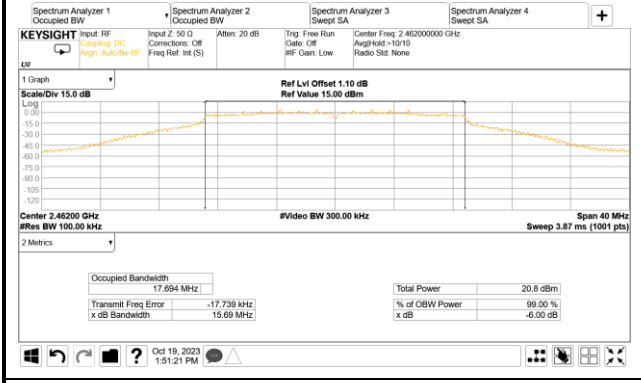
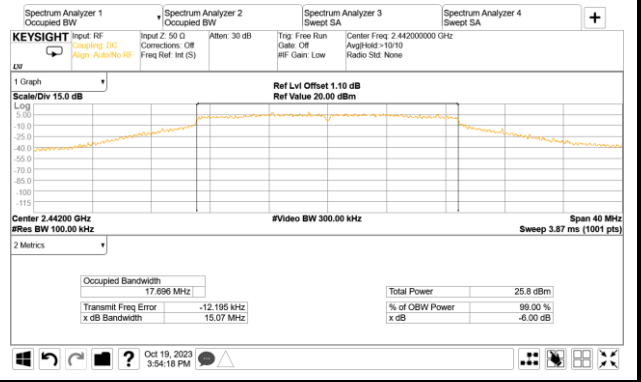
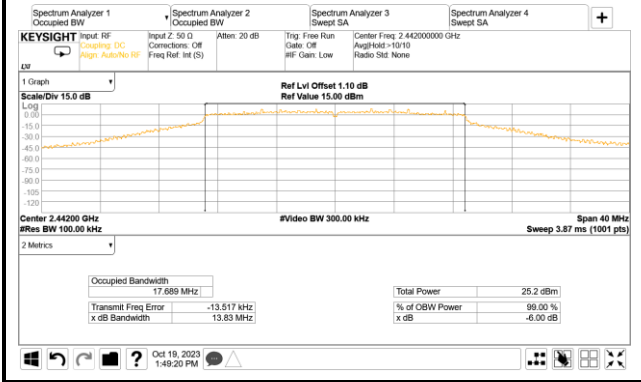
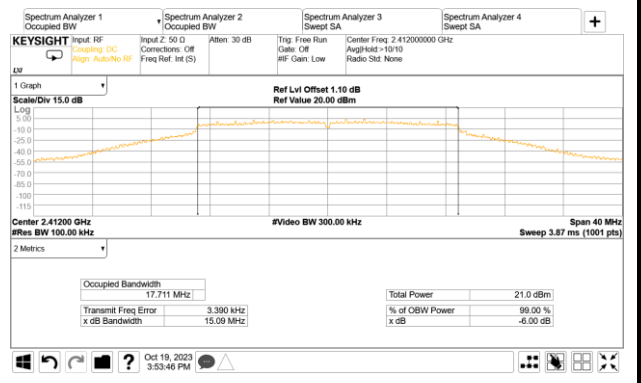
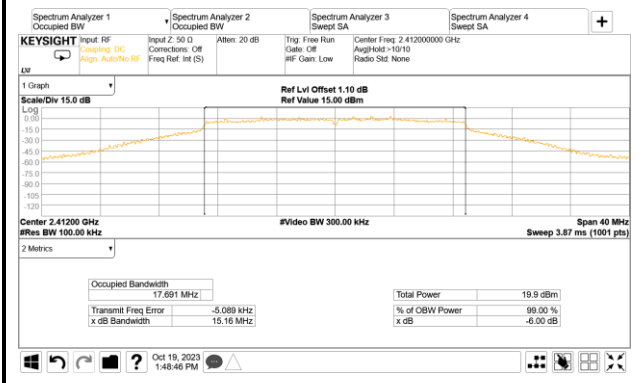
Main



802.11n-HT20

AUX

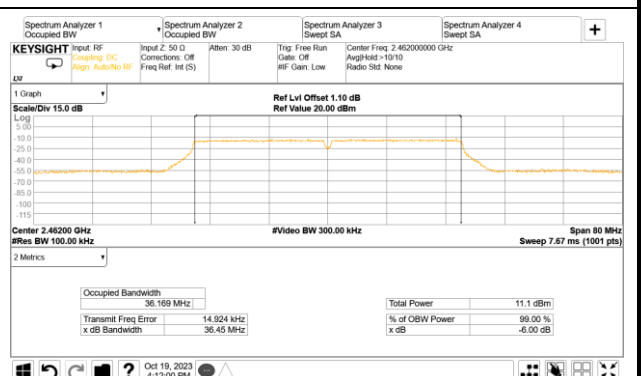
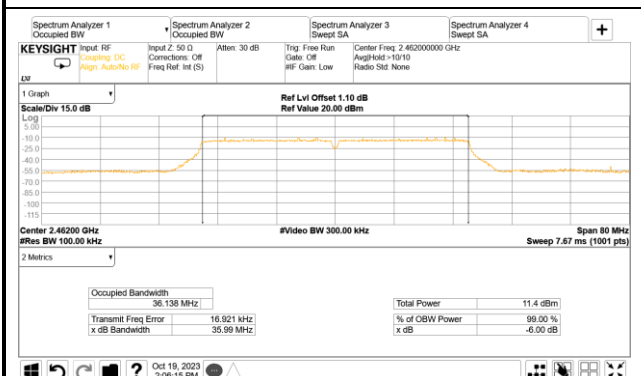
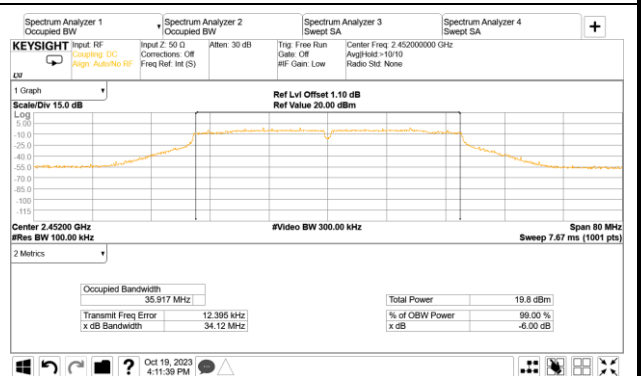
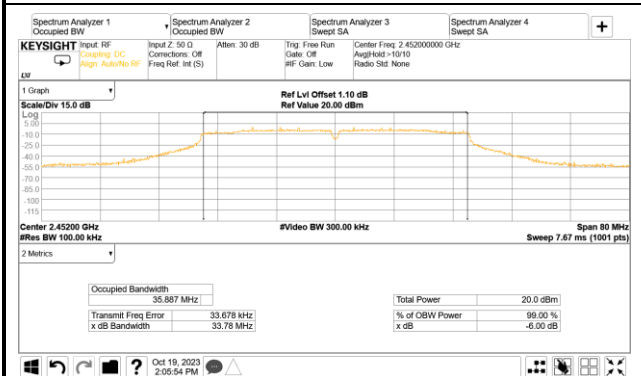
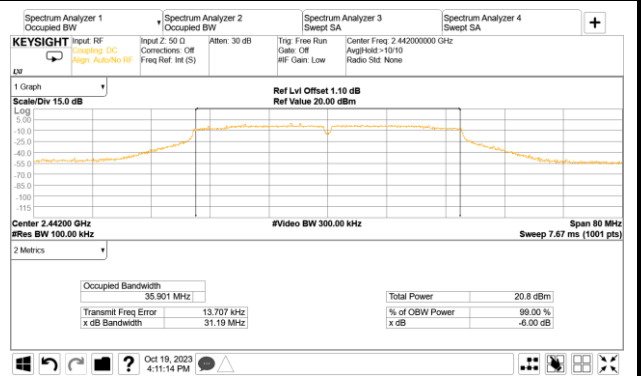
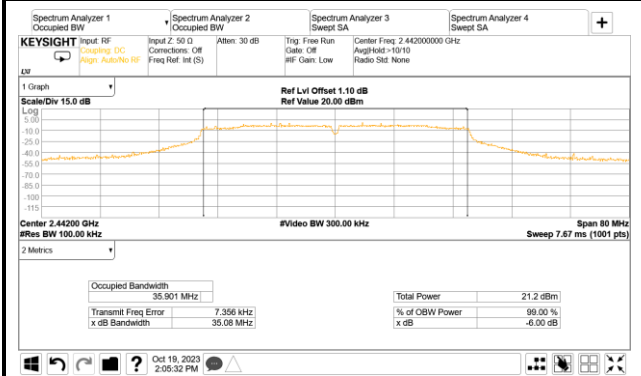
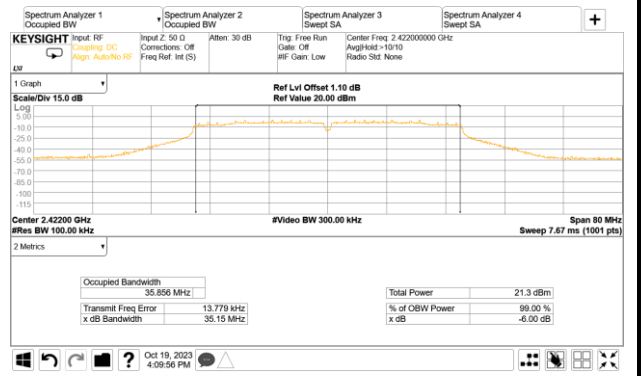
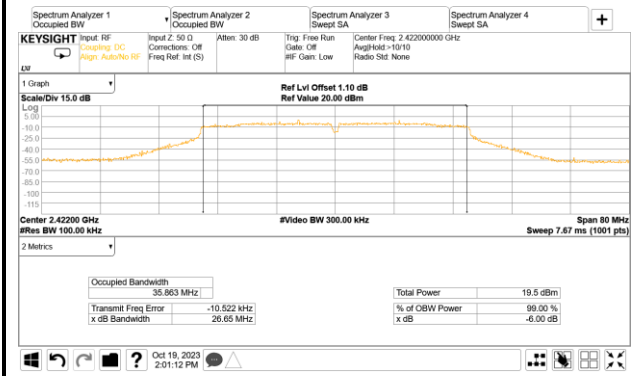
Main



802.11n-HT40

AUX

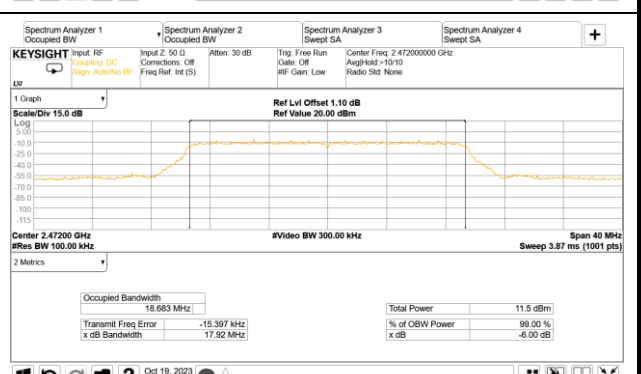
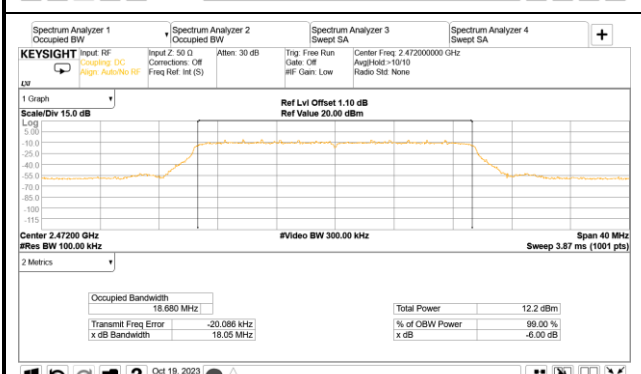
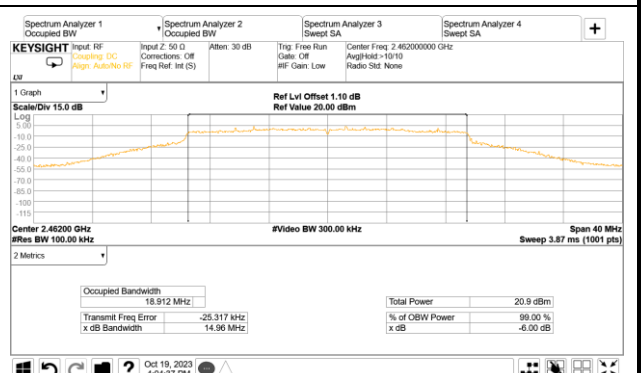
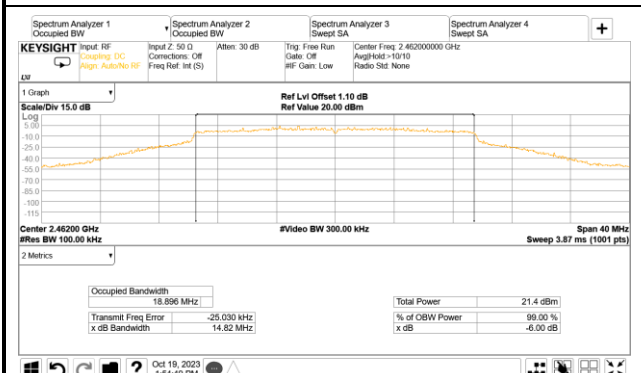
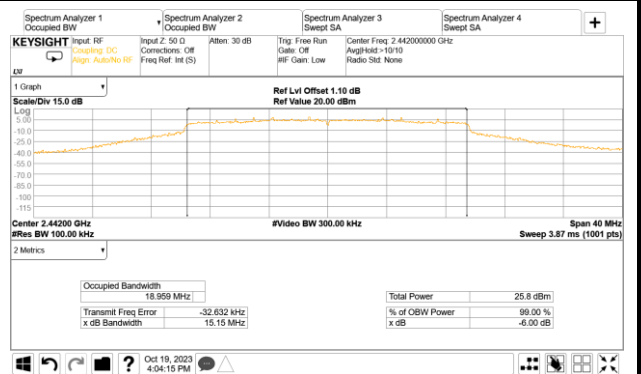
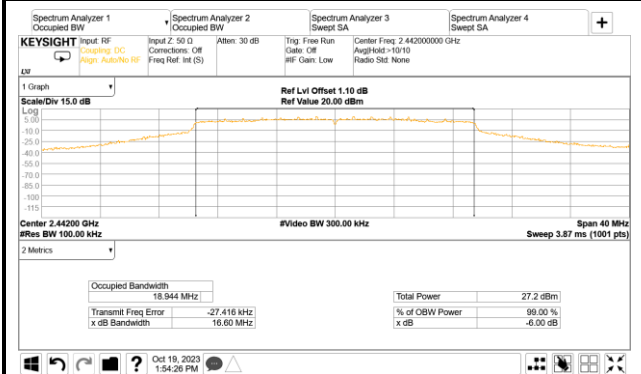
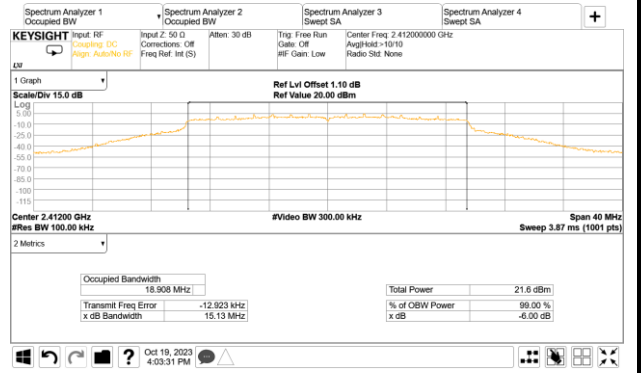
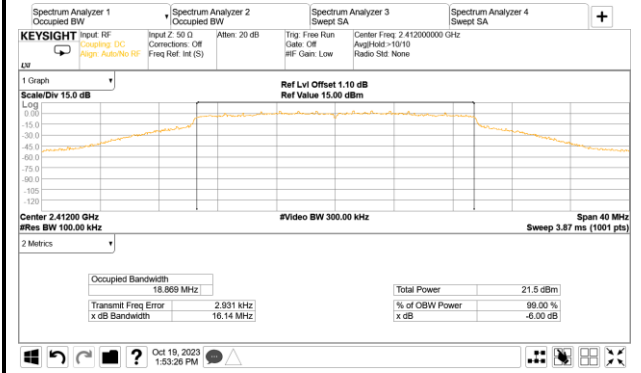
Main



802.11ax-HE20

AUX

Main



802.11ax-HE40

