

A.3 DTS/OCCUPIED BANDWIDTH

| | | | |
|--------------|--------------------------------|------------|--------------------|
| Test Date | 2024/06/28 ~ 08/10 | Temp./Hum. | 24 ~ 26°C/55 ~ 57% |
| Cable Loss | 0.5dB | Tested By | Harry Huang |
| Test Voltage | AC 120V, 60Hz (via AC Adapter) | | |

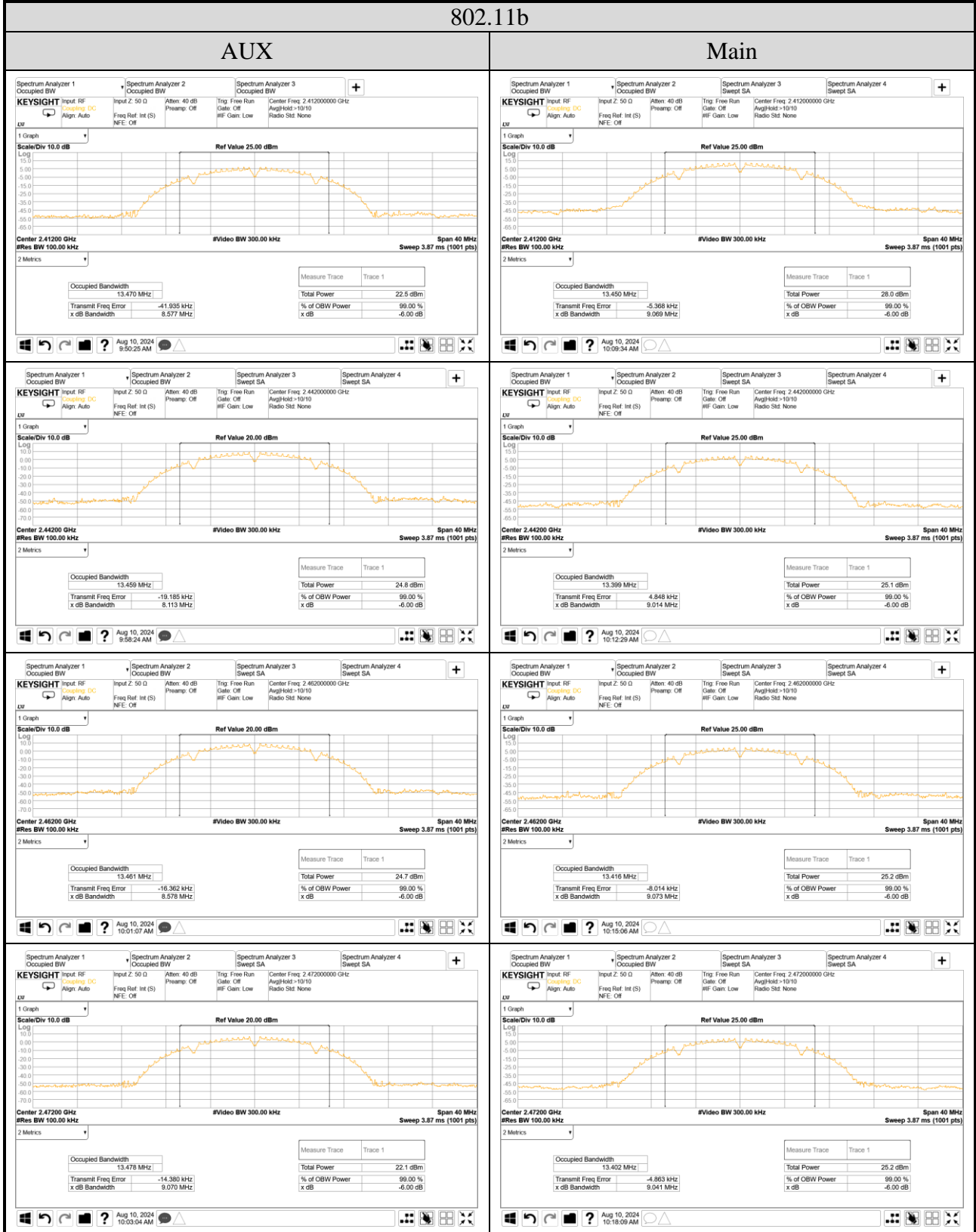
A.3.1 DTS/Occupied Bandwidth Result

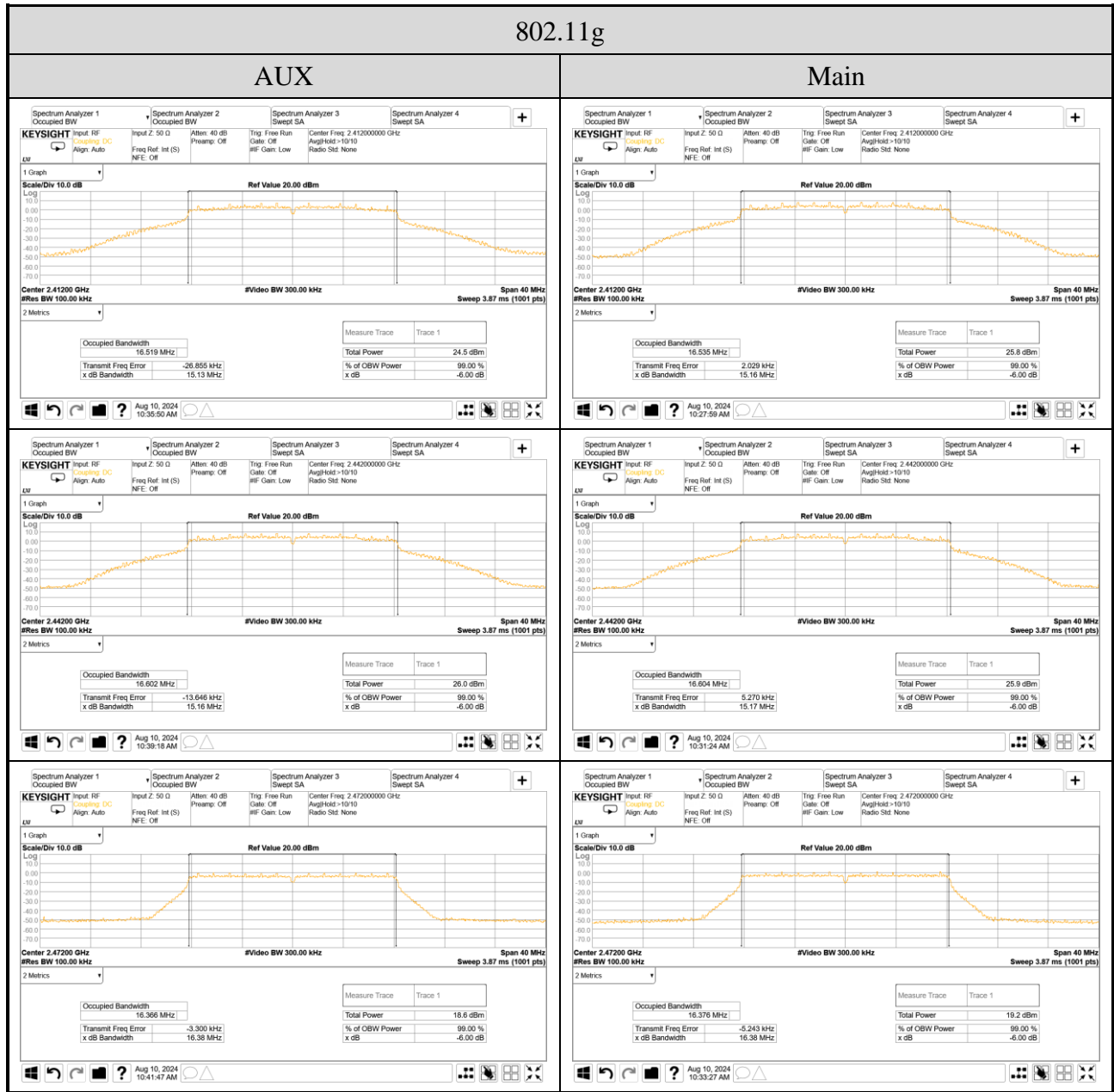
| Mode | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) | | Occupied (99%) Bandwidth (MHz) | | Limit |
|----------------|------------------------|---------------------------|-------|--------------------------------|--------|---------|
| | | AUX | Main | AUX | Main | |
| 802.11b | 2412 | 8.577 | 9.069 | 13.454 | 13.452 | >500kHz |
| | 2442 | 8.113 | 9.014 | 13.459 | 13.404 | |
| | 2462 | 8.578 | 9.073 | 13.477 | 13.412 | |
| | 2472 | 9.070 | 9.041 | 13.477 | 13.424 | |
| 802.11g | 2412 | 15.13 | 15.16 | 16.681 | 16.605 | |
| | 2442 | 15.16 | 15.17 | 16.766 | 16.646 | |
| | 2472 | 16.38 | 16.38 | 16.394 | 16.390 | |
| 802.11n-HT20 | 2412 | 15.17 | 16.30 | 17.794 | 17.762 | |
| | 2442 | 15.50 | 16.28 | 17.790 | 17.776 | |
| | 2457 | 15.10 | 15.68 | 17.802 | 17.790 | |
| | 2472 | 17.63 | 17.64 | 17.591 | 17.607 | |
| 802.11n-HT40 | 2422 | 32.93 | 35.15 | 36.002 | 36.089 | |
| | 2442 | 35.14 | 35.14 | 36.142 | 36.101 | |
| | 2462 | 36.43 | 36.42 | 36.249 | 36.216 | |
| 802.11ax-HE20 | 2412 | 16.70 | 15.20 | 18.883 | 18.963 | |
| | 2442 | 16.13 | 16.53 | 18.950 | 18.921 | |
| | 2472 | 18.75 | 18.46 | 18.771 | 18.762 | |
| 802.11ax-HE40 | 2422 | 35.90 | 36.43 | 37.585 | 37.611 | |
| | 2442 | 36.77 | 36.39 | 37.653 | 37.549 | |
| | 2462 | 37.63 | 37.95 | 37.668 | 37.681 | |
| 802.11be-EHT20 | 2412 | 17.58 | 17.45 | 18.909 | 18.921 | |
| | 2442 | 18.15 | 15.95 | 18.936 | 18.909 | |
| | 2472 | 18.75 | 18.47 | 18.746 | 18.748 | |
| 802.11be-EHT40 | 2422 | 33.34 | 37.29 | 37.387 | 37.651 | |
| | 2442 | 36.10 | 36.00 | 37.616 | 37.553 | |
| | 2462 | 37.78 | 37.71 | 37.651 | 37.637 | |

| Mode | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) | Occupied (99%) Bandwidth (MHz) | Limit |
|--------------------|------------------------|---------------------------|--------------------------------|---------|
| BLE (1Mbps) | 2402 | 0.6607 | 1.0069 | >500kHz |
| | 2440 | 0.6614 | 1.0084 | |
| | 2480 | 0.6617 | 1.0076 | |
| BLE (2Mbps) | 2402 | 1.182 | 2.0145 | >500kHz |
| | 2440 | 1.184 | 2.0166 | |
| | 2480 | 1.184 | 2.0167 | |
| BLE (PHY Coded S2) | 2402 | 0.6596 | 1.0078 | >500kHz |
| | 2440 | 0.6601 | 1.0078 | |
| | 2480 | 0.6597 | 1.0100 | |
| BLE (PHY Coded S8) | 2402 | 0.6779 | 1.0352 | >500kHz |
| | 2440 | 0.6817 | 1.0372 | |
| | 2480 | 0.6812 | 1.0385 | |

A.3.2 Measurement Plots

● DTS (6dB) Bandwidth

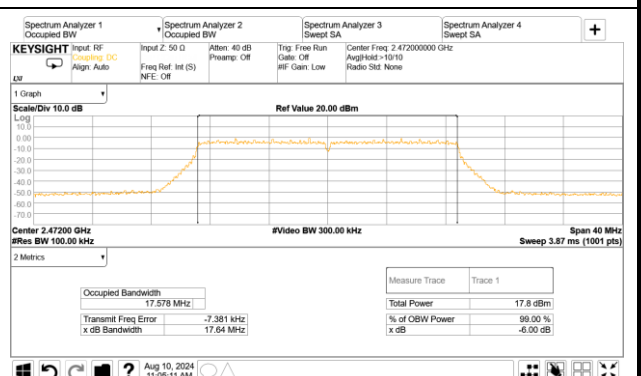
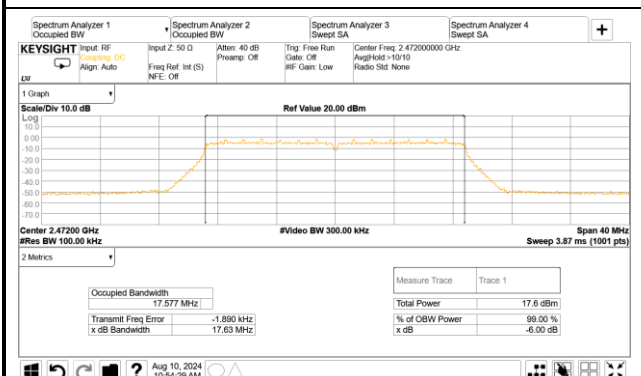
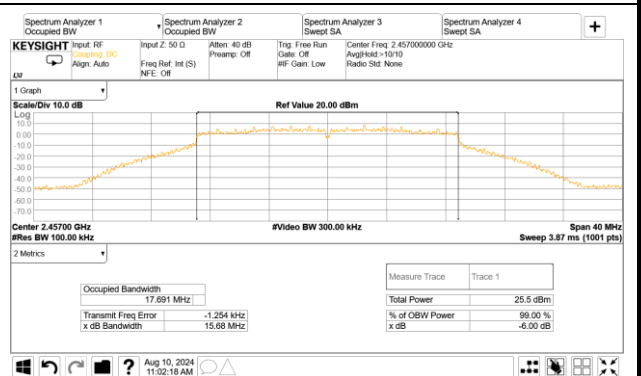
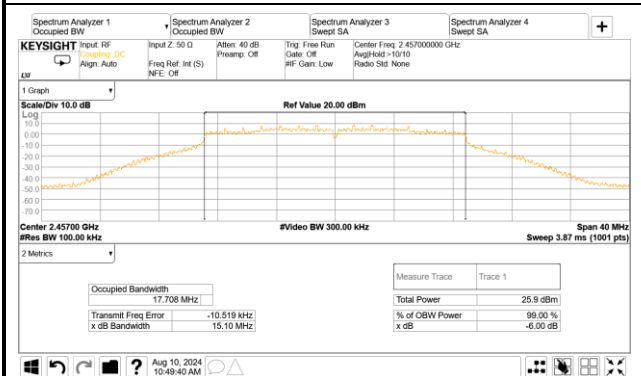
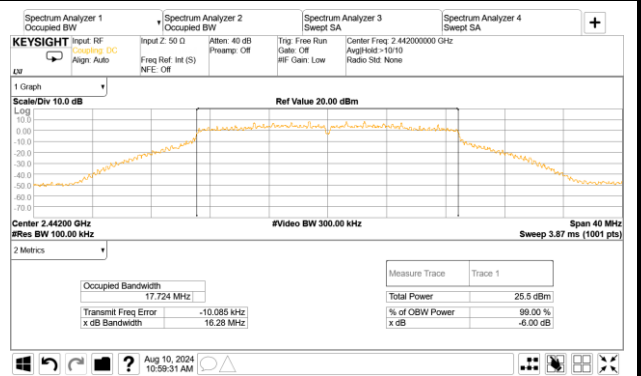
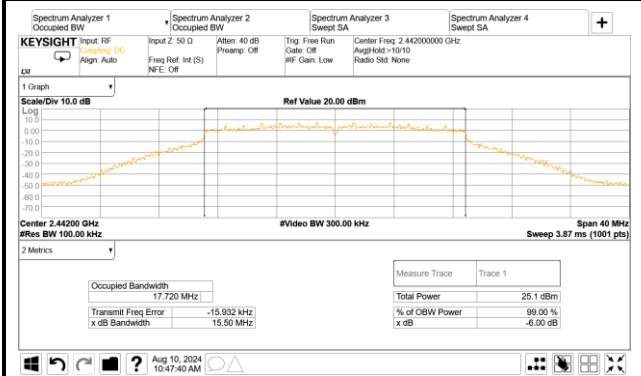
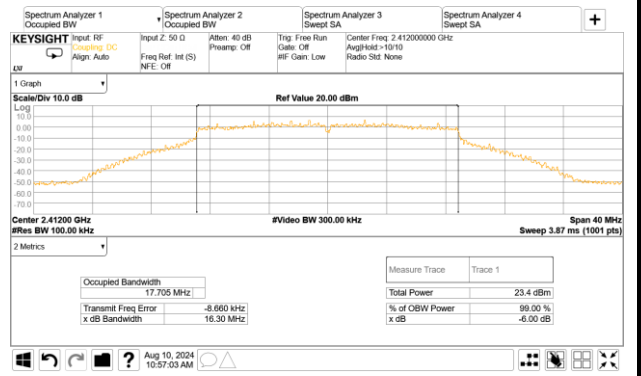
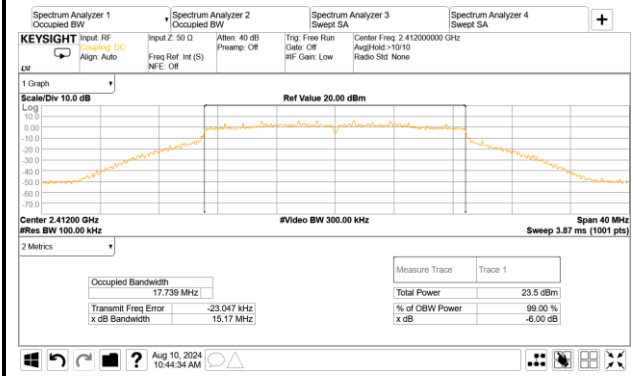




802.11n-HT20

AUX

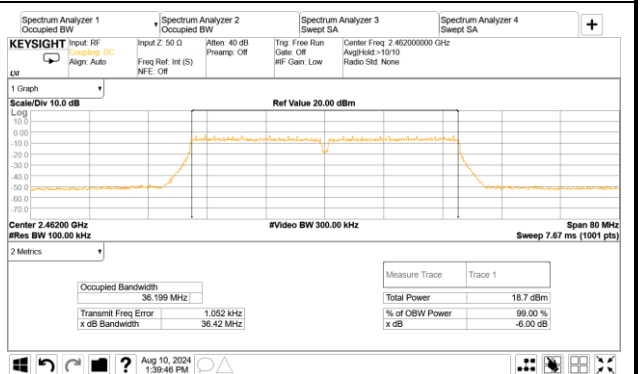
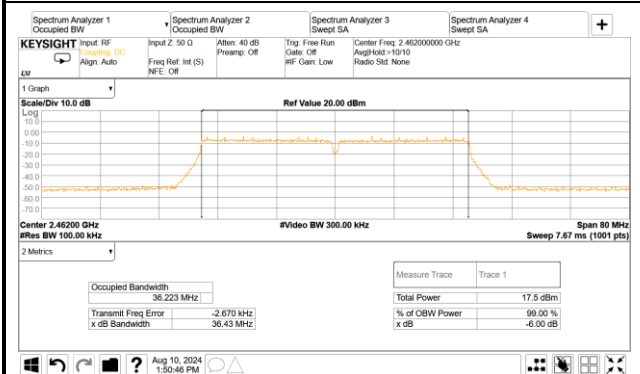
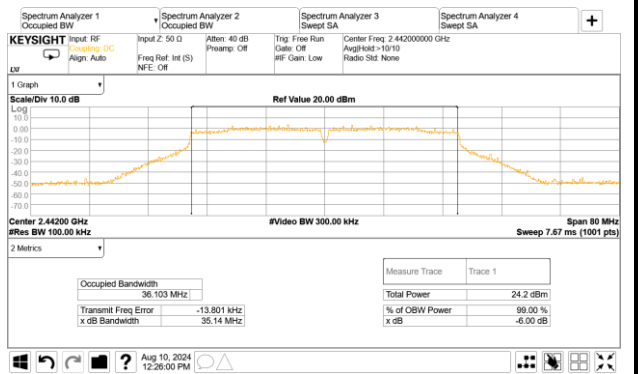
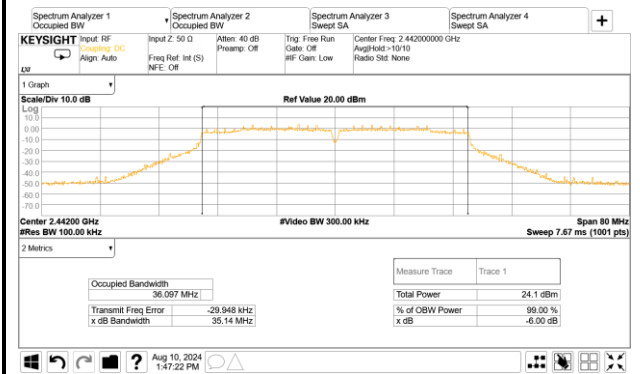
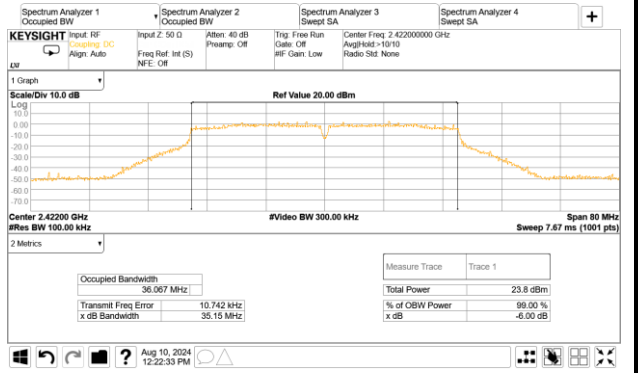
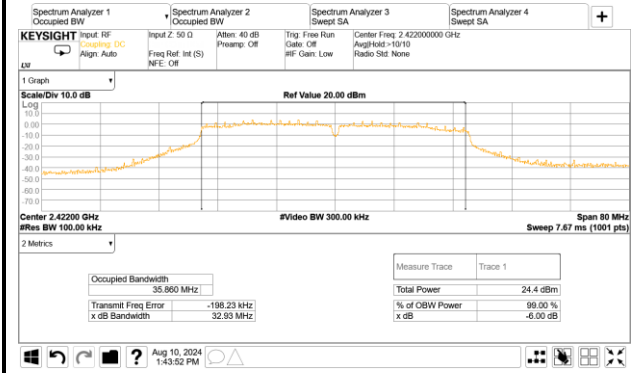
Main



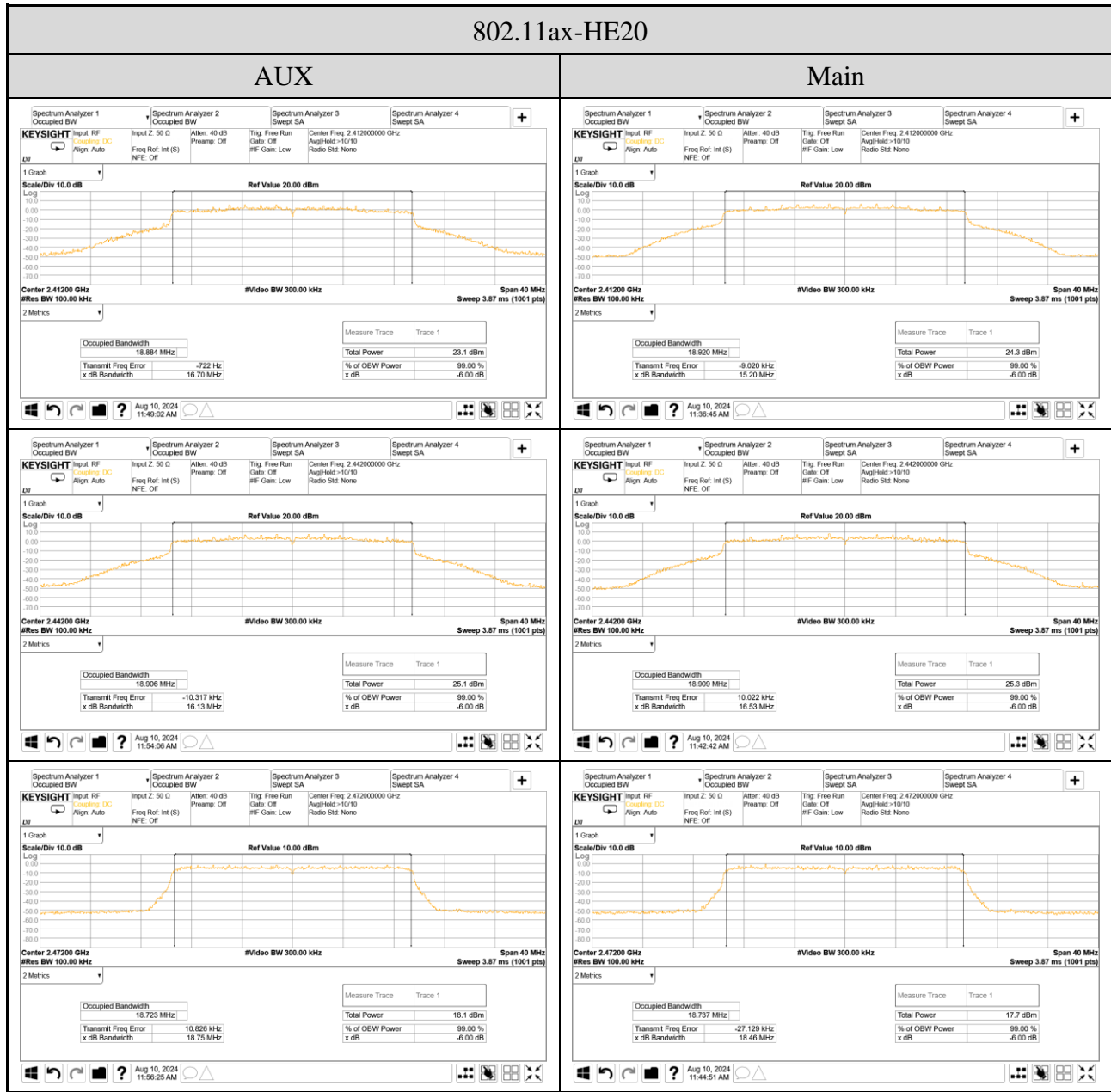
802.11n-HT40

AUX

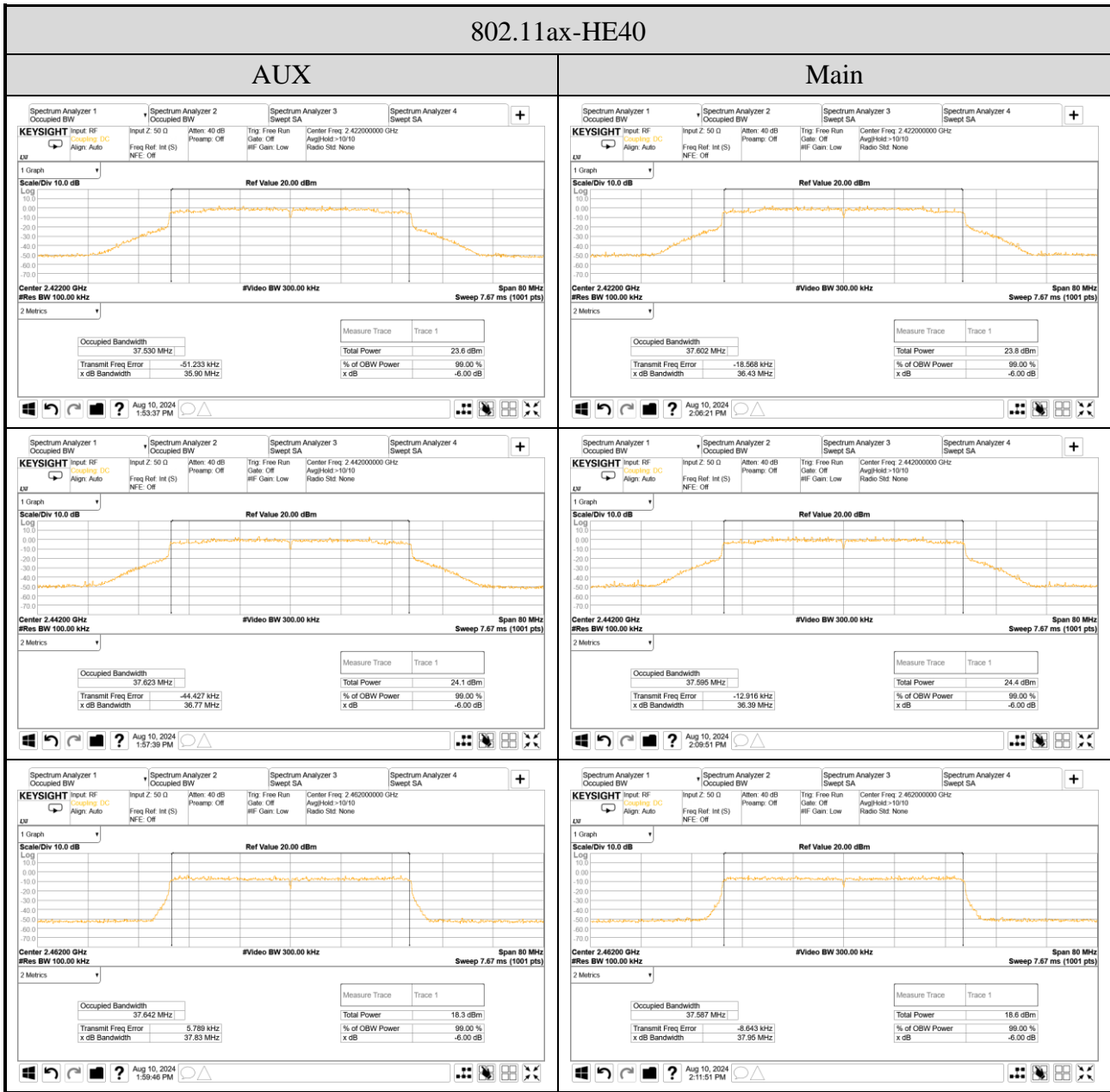
Main



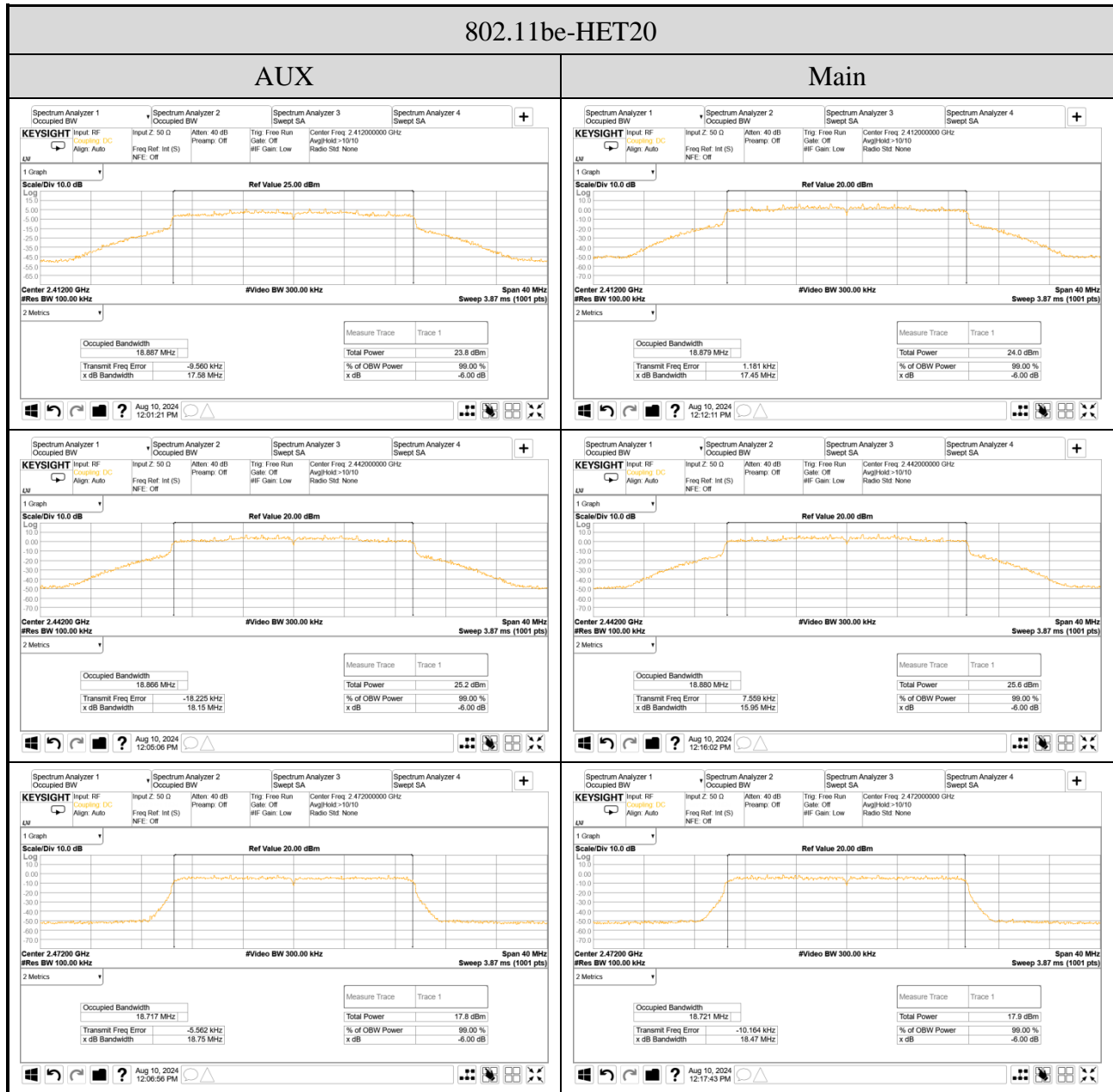
802.11ax-HE20



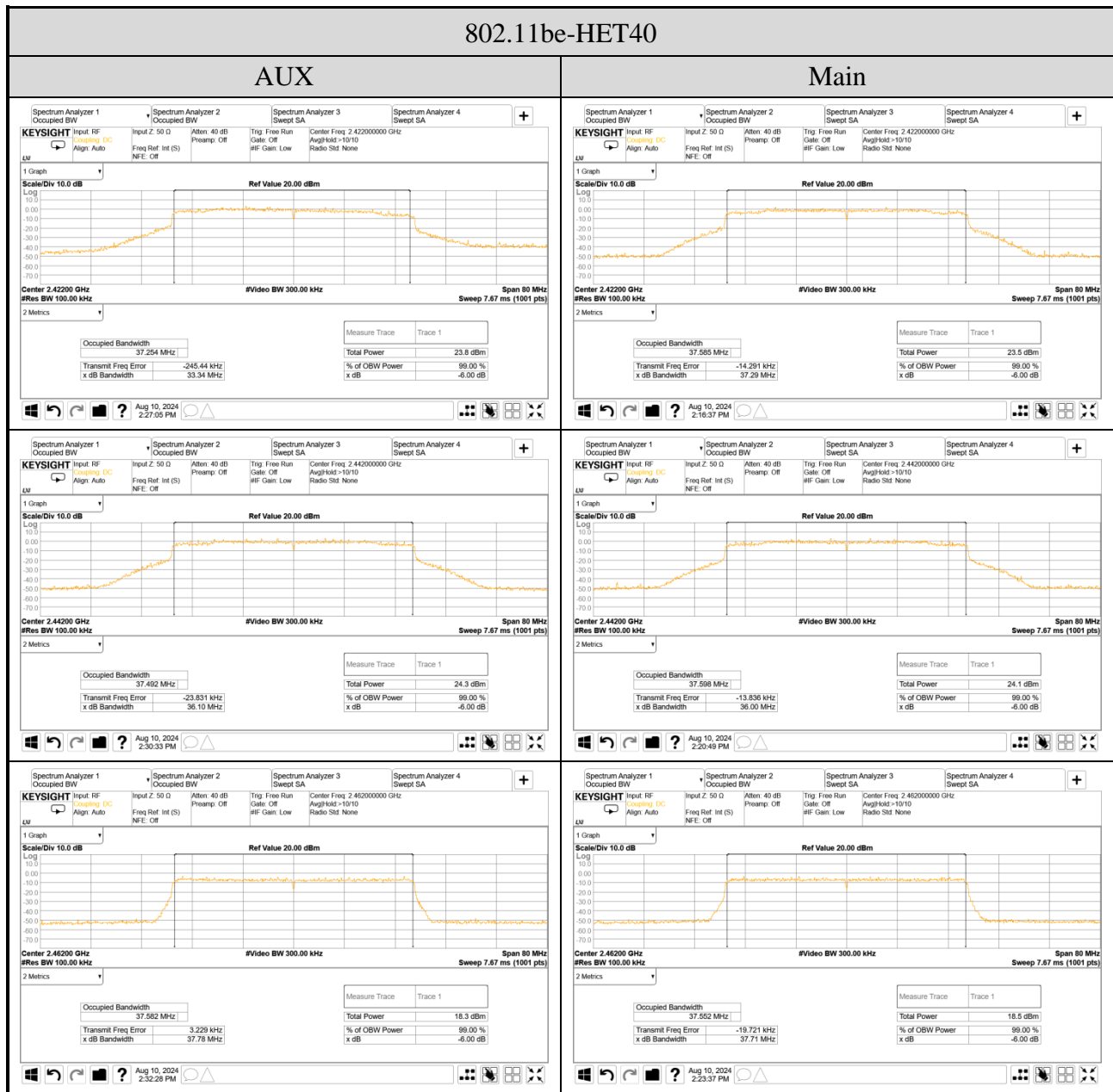
802.11ax-HE40

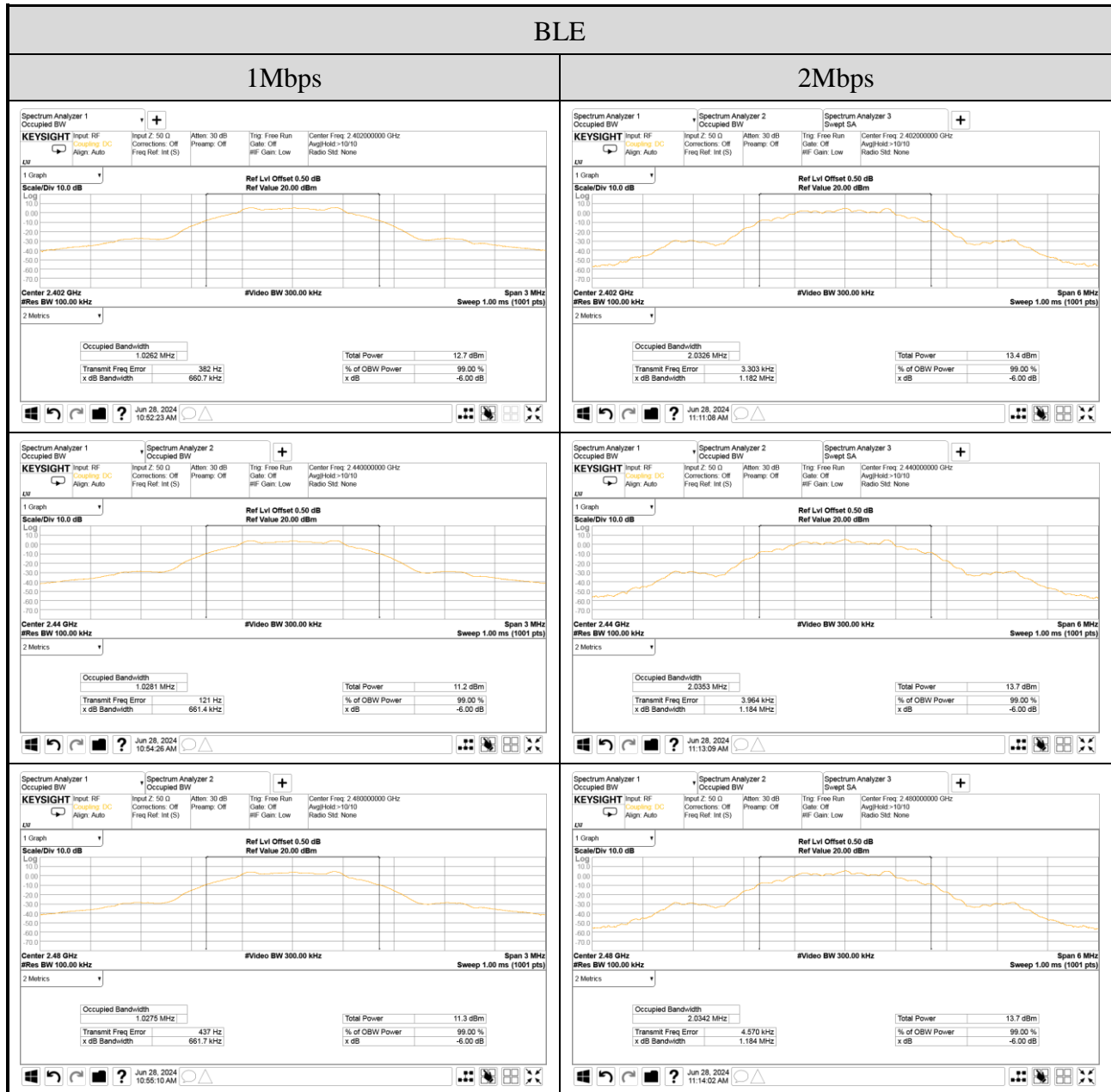


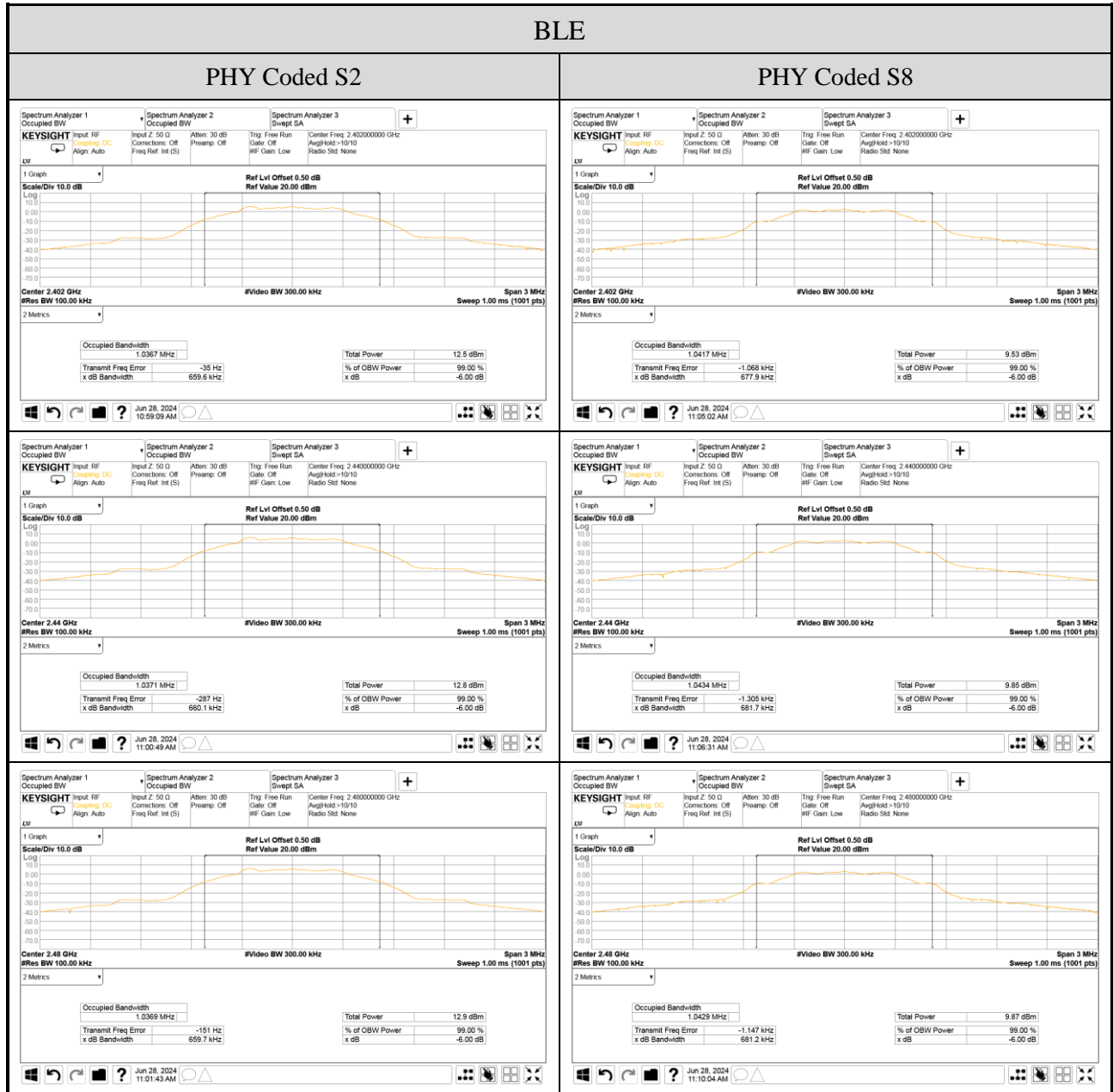
802.11be-HET20



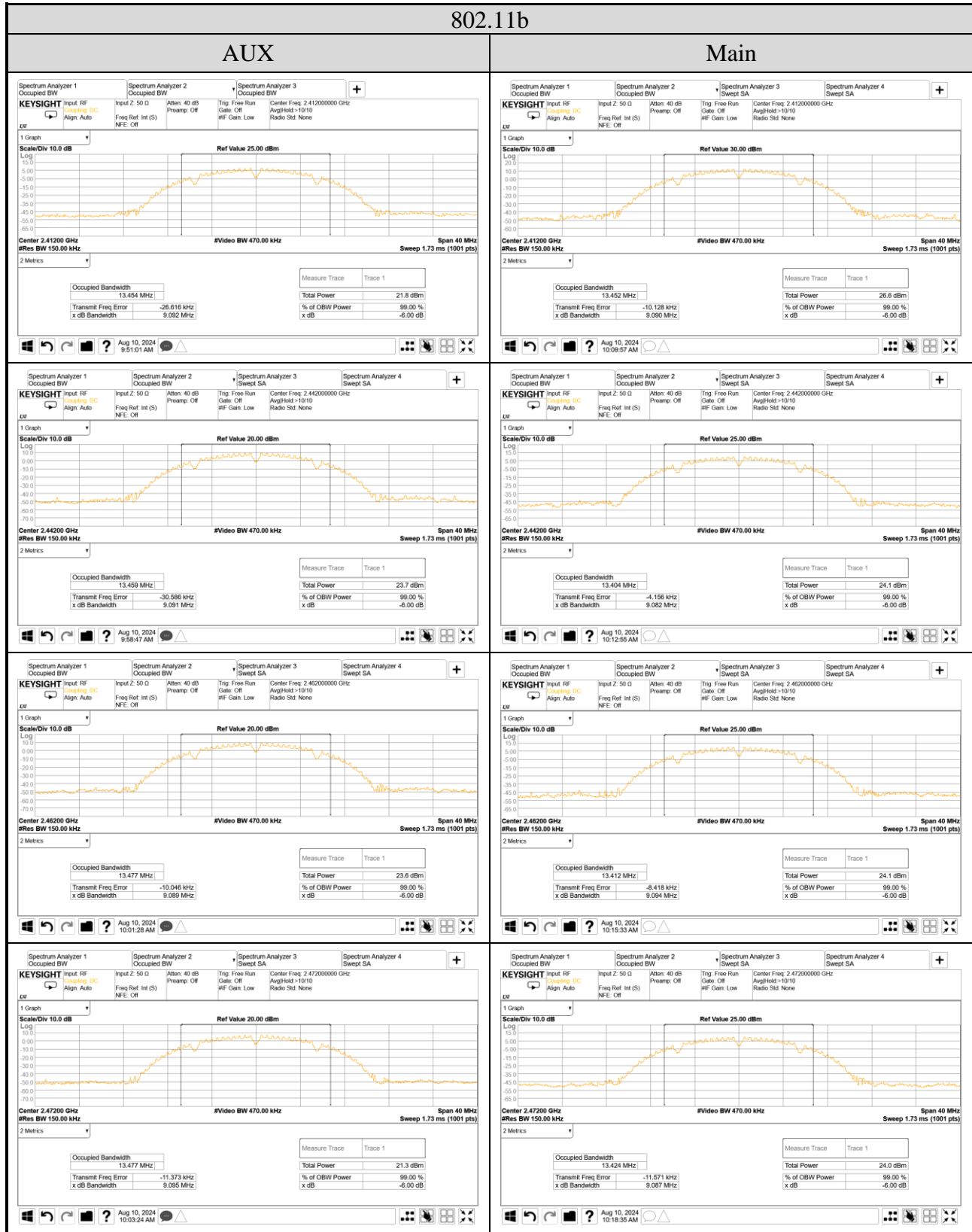
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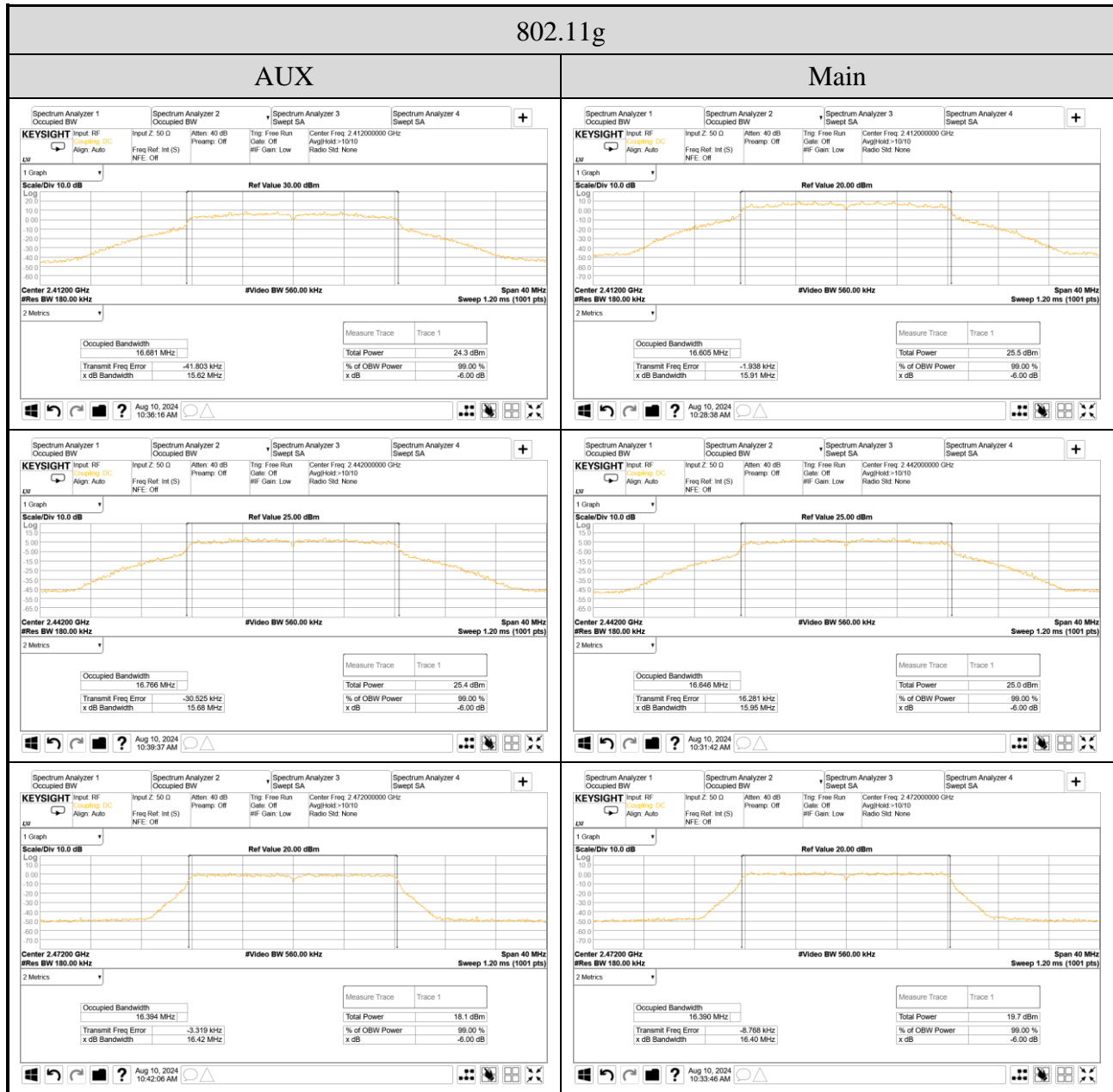






● Occupied (99%) Bandwidth

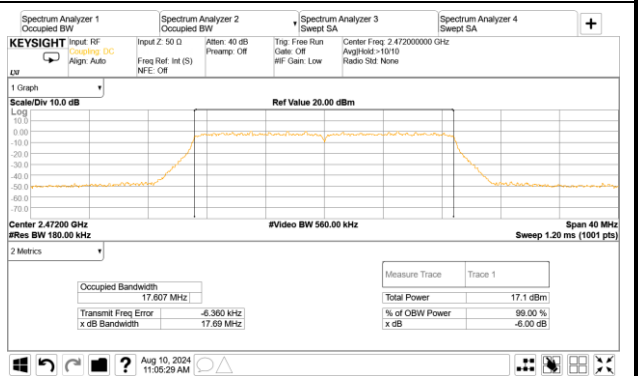
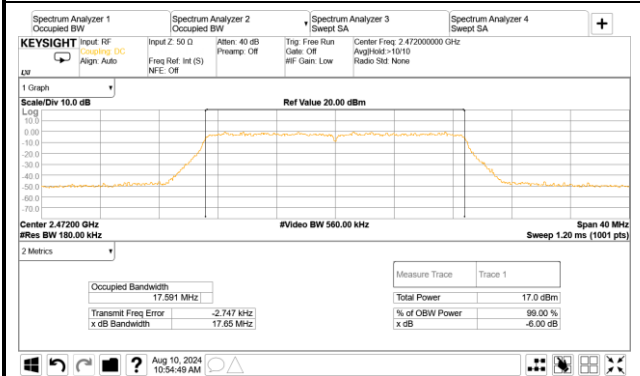
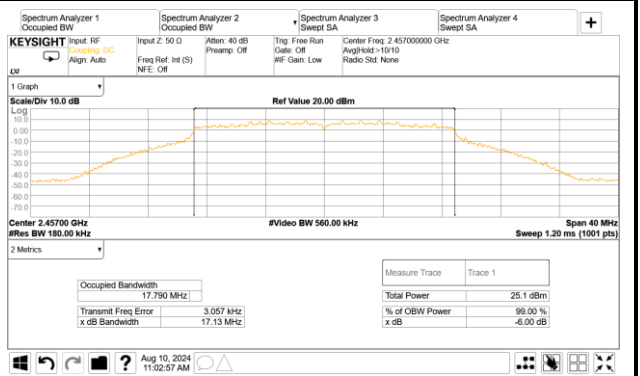
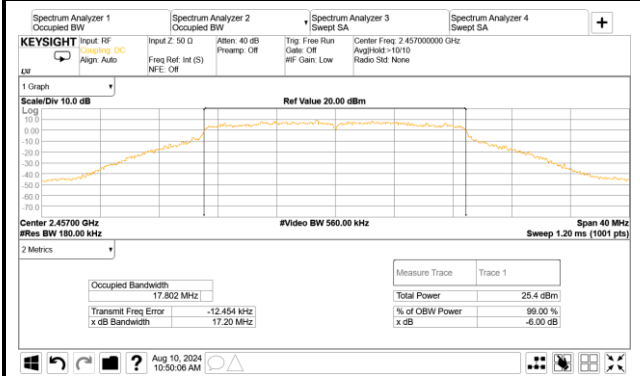
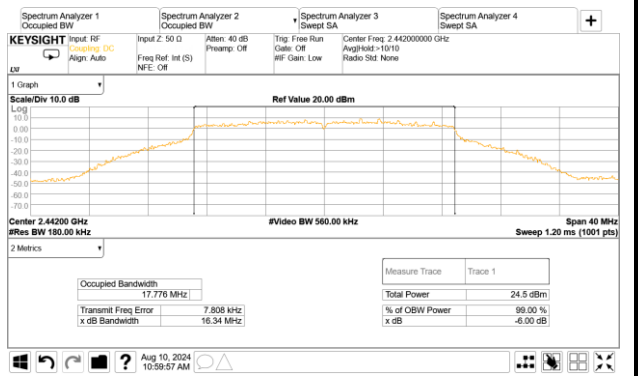
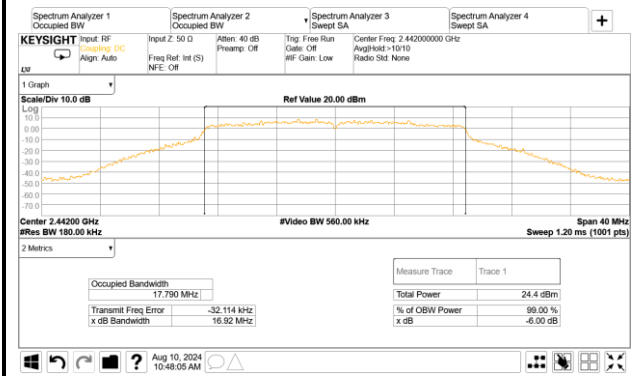
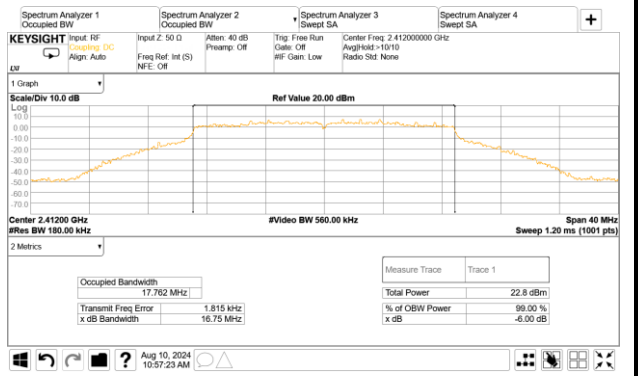
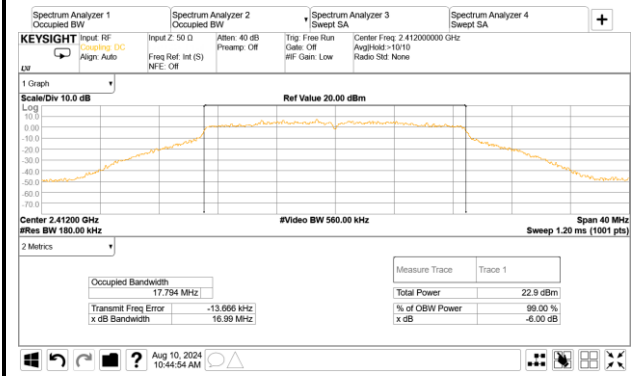




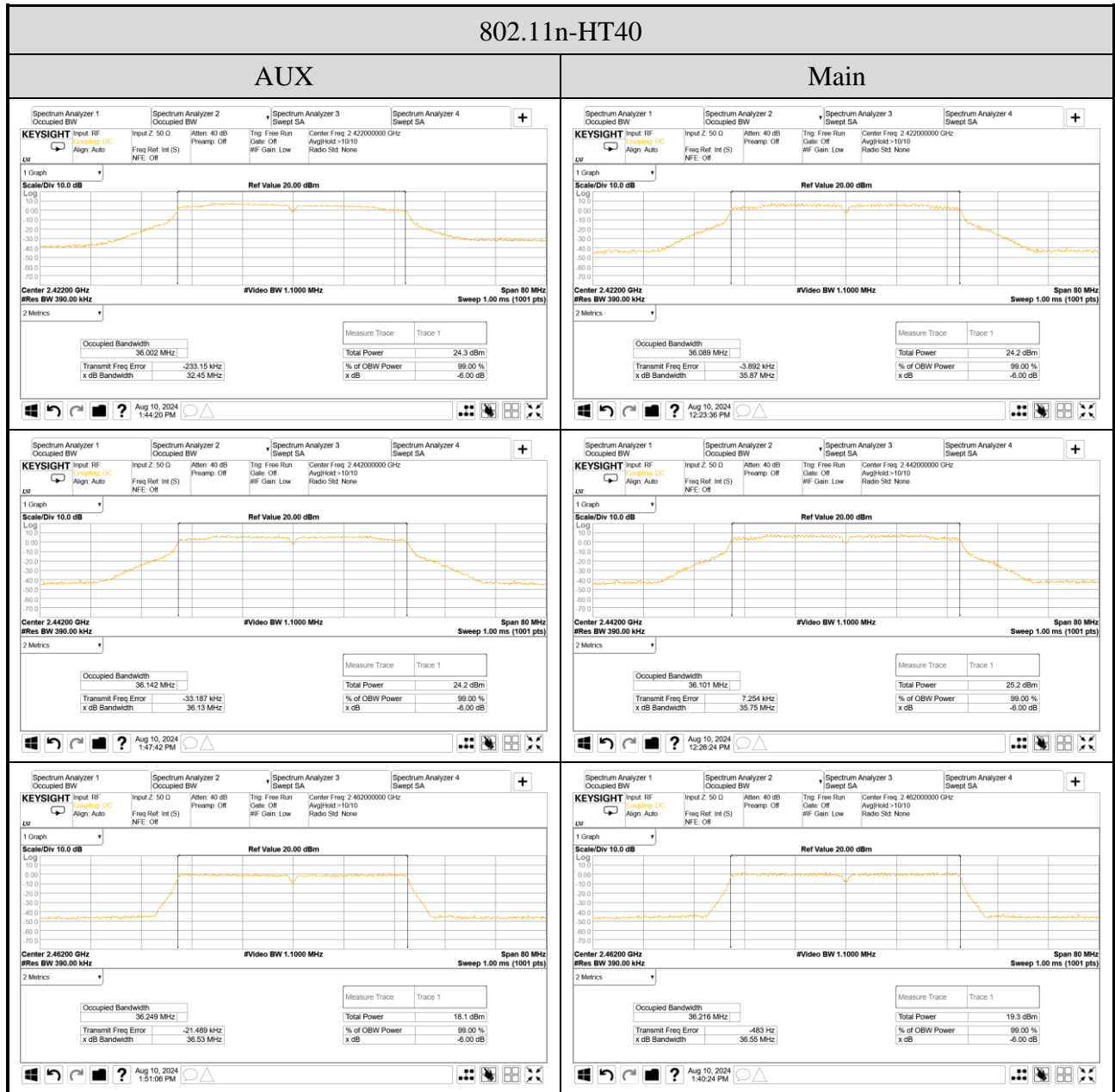
802.11n-HT20

AUX

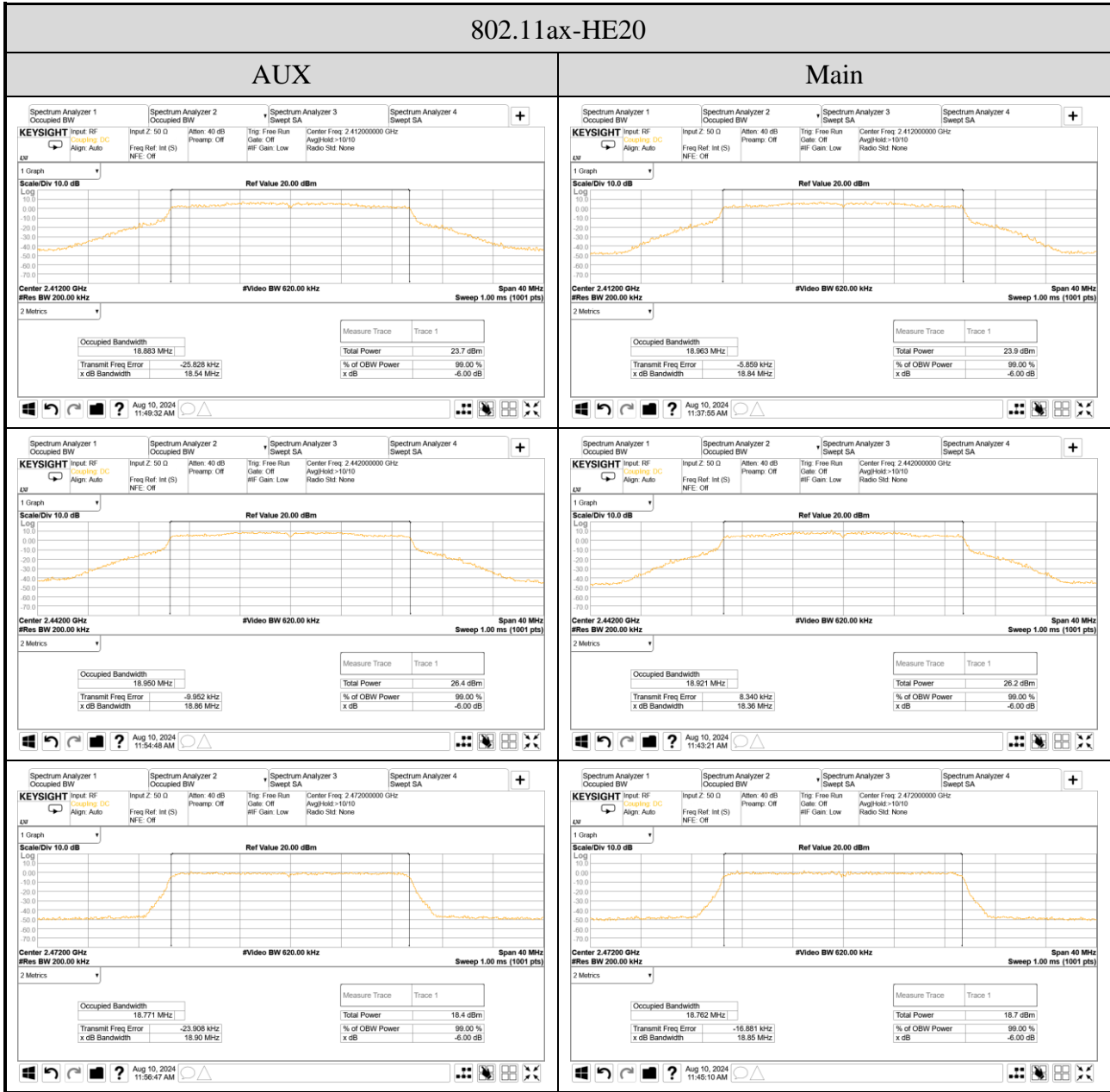
Main



802.11n-HT40



802.11ax-HE20



802.11ax-HE40

