

### A.3 DTS/OCCUPIED BANDWIDTH

|              |                               |            |                |
|--------------|-------------------------------|------------|----------------|
| Test Date    | 2022/07/06 ~ 08               | Temp./Hum. | 23~26°C/52~56% |
| Cable Loss   | 0.5dB                         | Tested By  | Kuper Hsu      |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) |            |                |

#### A.3.1 DTS/Occupied Bandwidth Result

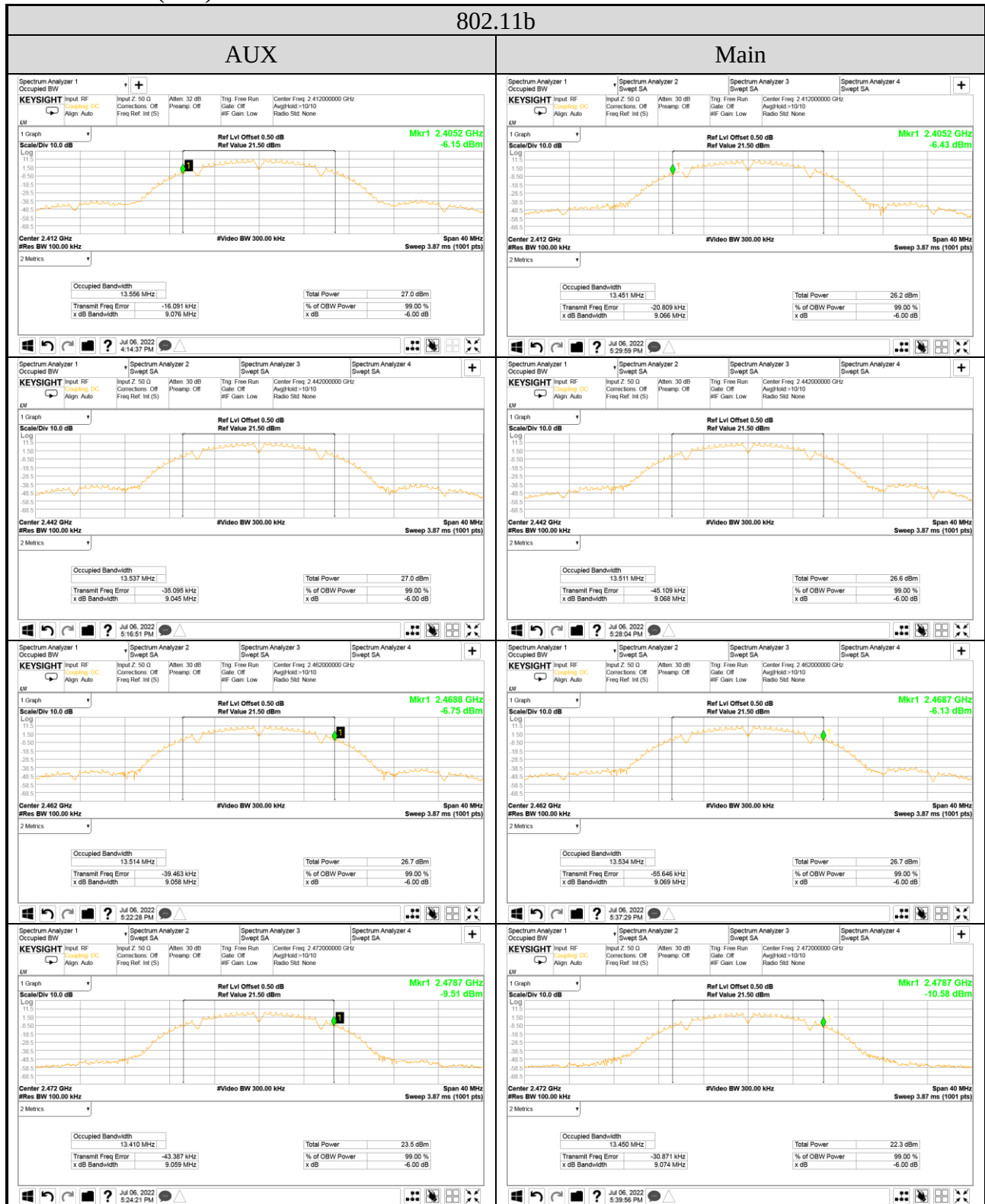
| Mode          | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) |       | Occupied (99%) Bandwidth (MHz) |        | Limit   |
|---------------|------------------------|---------------------------|-------|--------------------------------|--------|---------|
|               |                        | AUX                       | Main  | AUX                            | Main   |         |
| 802.11b       | 2412                   | 9.076                     | 9.066 | 13.561                         | 13.480 | >500kHz |
|               | 2442                   | 9.045                     | 9.068 | 13.532                         | 13.523 |         |
|               | 2462                   | 9.058                     | 9.069 | 13.489                         | 13.529 |         |
|               | 2472                   | 9.059                     | 9.074 | 13.405                         | 13.455 |         |
| 802.11g       | 2412                   | 15.16                     | 15.44 | 16.718                         | 16.781 |         |
|               | 2442                   | 15.16                     | 15.15 | 16.688                         | 16.658 |         |
|               | 2462                   | 15.16                     | 15.17 | 16.674                         | 16.713 |         |
|               | 2472                   | 16.36                     | 16.36 | 16.384                         | 16.384 |         |
| 802.11n-HT20  | 2412                   | 15.13                     | 16.29 | 17.868                         | 17.780 |         |
|               | 2442                   | 15.16                     | 15.11 | 17.811                         | 17.813 |         |
|               | 2462                   | 15.13                     | 16.30 | 17.770                         | 17.804 |         |
|               | 2472                   | 17.57                     | 17.60 | 17.556                         | 17.584 |         |
| 802.11n-HT40  | 2422                   | 35.13                     | 35.11 | 35.914                         | 35.846 |         |
|               | 2442                   | 35.08                     | 35.11 | 35.925                         | 35.836 |         |
|               | 2452                   | 35.01                     | 35.13 | 35.916                         | 35.835 |         |
|               | 2462                   | 36.37                     | 36.41 | 36.111                         | 36.071 |         |
| 802.11ax-HE20 | 2412                   | 17.52                     | 15.59 | 18.919                         | 18.984 |         |
|               | 2442                   | 15.43                     | 15.17 | 18.984                         | 18.959 |         |
|               | 2462                   | 15.06                     | 15.15 | 18.940                         | 18.974 |         |
|               | 2472                   | 18.24                     | 17.90 | 18.721                         | 18.723 |         |
| 802.11ax-HE40 | 2422                   | 36.01                     | 35.47 | 37.470                         | 37.461 |         |
|               | 2442                   | 35.67                     | 36.50 | 37.432                         | 37.408 |         |
|               | 2452                   | 34.29                     | 35.47 | 37.428                         | 37.411 |         |
|               | 2462                   | 37.47                     | 37.66 | 37.508                         | 37.491 |         |

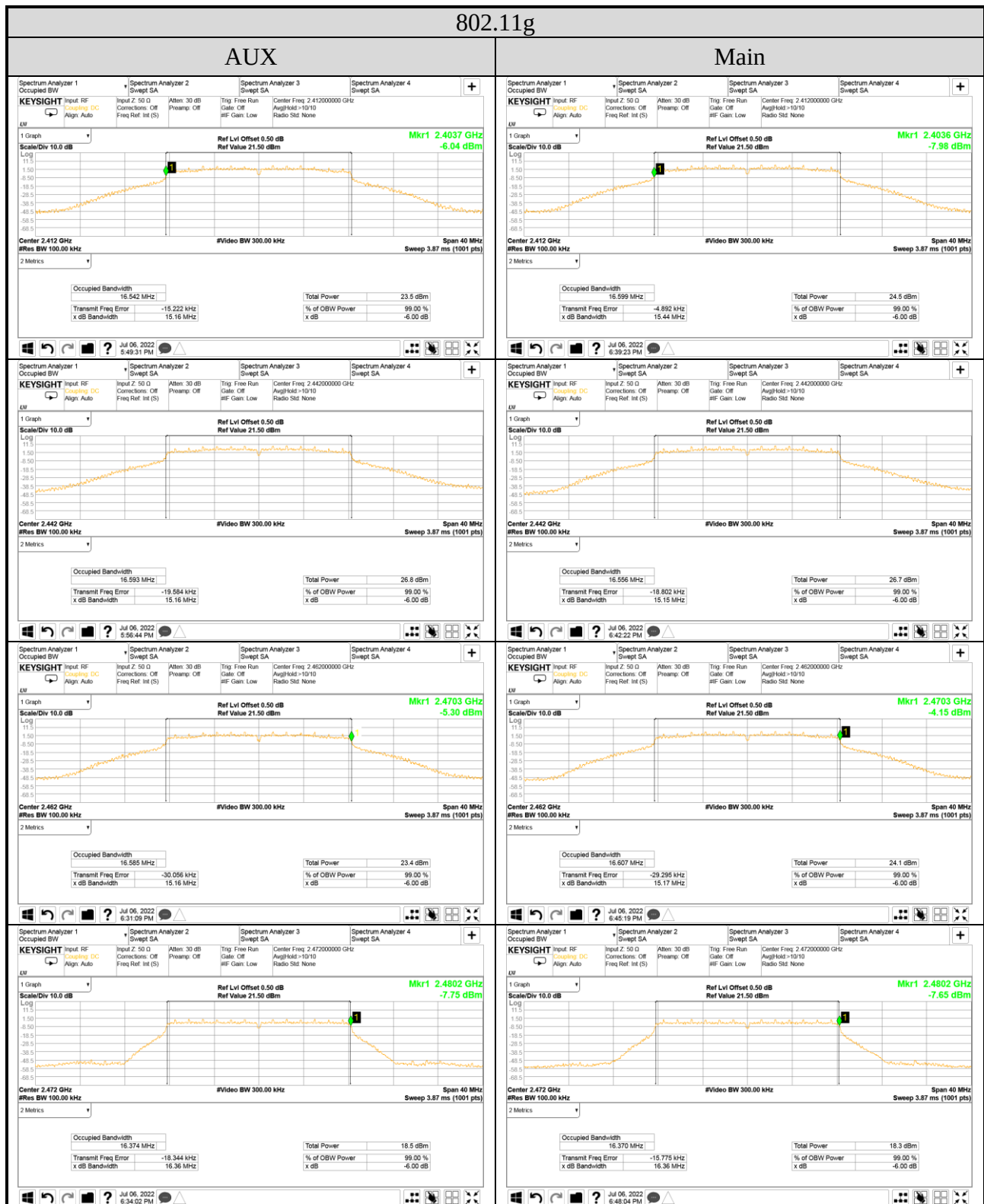
| Mode          | RU Configuration | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) |       | Occupied (99%) Bandwidth (MHz) |        | Limit   |
|---------------|------------------|------------------------|---------------------------|-------|--------------------------------|--------|---------|
|               |                  |                        | AUX                       | Main  | AUX                            | Main   |         |
| 802.11ax-HE20 | 26/0             | 2412                   | 2.092                     | 2.115 | 18.619                         | 18.689 | >500kHz |
|               | 52/37            |                        | 17.01                     | 17.06 | 18.455                         | 18.460 |         |
|               | 106/53           |                        | 17.16                     | 17.20 | 18.288                         | 18.259 |         |
|               | 26/8             | 2472                   | 2.022                     | 2.014 | 18.222                         | 18.171 |         |
|               | 52/40            |                        | 16.96                     | 16.96 | 17.954                         | 18.063 |         |
|               | 106/54           |                        | 17.05                     | 17.03 | 17.963                         | 18.093 |         |
| 802.11ax-HE40 | 242/61           | 2422                   | 17.12                     | 17.30 | 18.697                         | 18.679 | >500kHz |
|               | 242/62           | 2462                   | 18.46                     | 18.58 | 18.572                         | 18.535 |         |

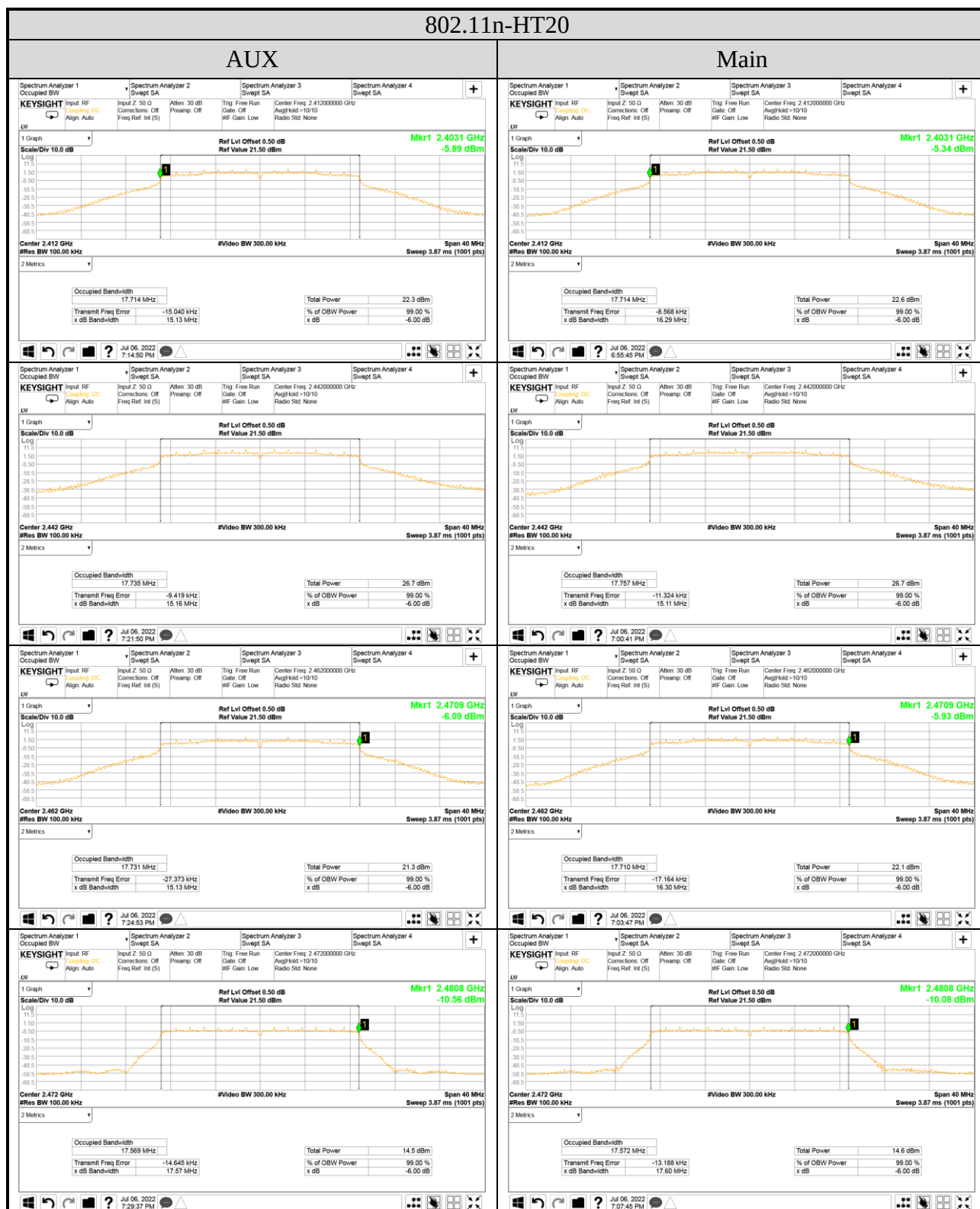
| Mode               | Centre Frequency (MHz) | DTS (6dB) Bandwidth (MHz) | Occupied (99%) Bandwidth (MHz) | Limit   |
|--------------------|------------------------|---------------------------|--------------------------------|---------|
| BLE (1M)           | 2402                   | 1.311                     | 1.0581                         | >500kHz |
|                    | 2440                   | 1.315                     | 1.0560                         |         |
|                    | 2480                   | 1.315                     | 1.0543                         |         |
| BLE (2M)           | 2402                   | 1.128                     | 2.0346                         | >500kHz |
|                    | 2440                   | 1.139                     | 2.0339                         |         |
|                    | 2480                   | 1.143                     | 2.0343                         |         |
| BLE (PHY Coded S2) | 2402                   | 0.6601                    | 1.0338                         | >500kHz |
|                    | 2440                   | 0.6828                    | 1.0332                         |         |
|                    | 2480                   | 0.6812                    | 1.0318                         |         |
| BLE (PHY Coded S8) | 2402                   | 0.6087                    | 1.0646                         | >500kHz |
|                    | 2440                   | 0.6141                    | 1.0694                         |         |
|                    | 2480                   | 0.6079                    | 1.0622                         |         |

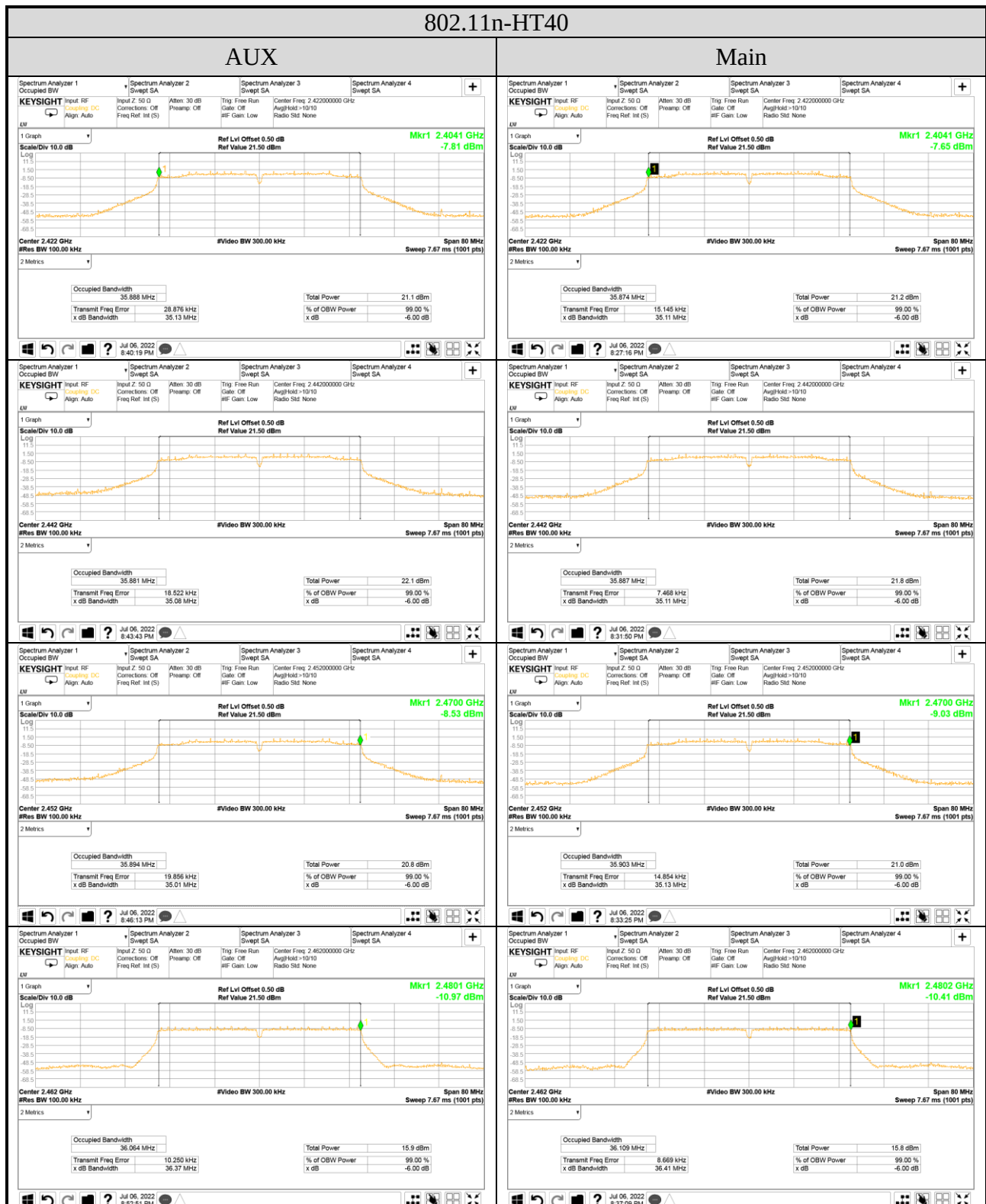
## A.3.2 Measurement Plots

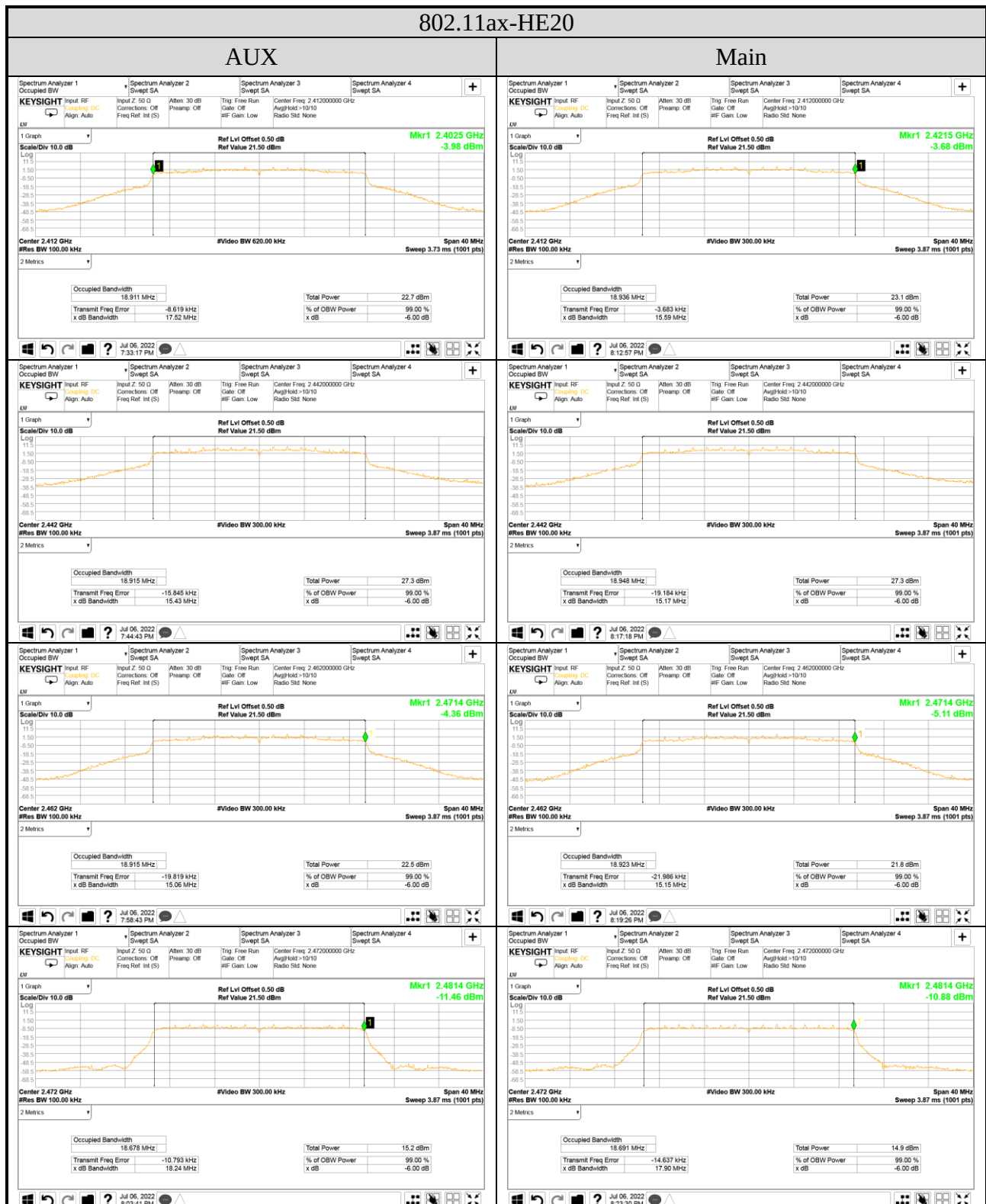
### ● DTS (6dB) Bandwidth







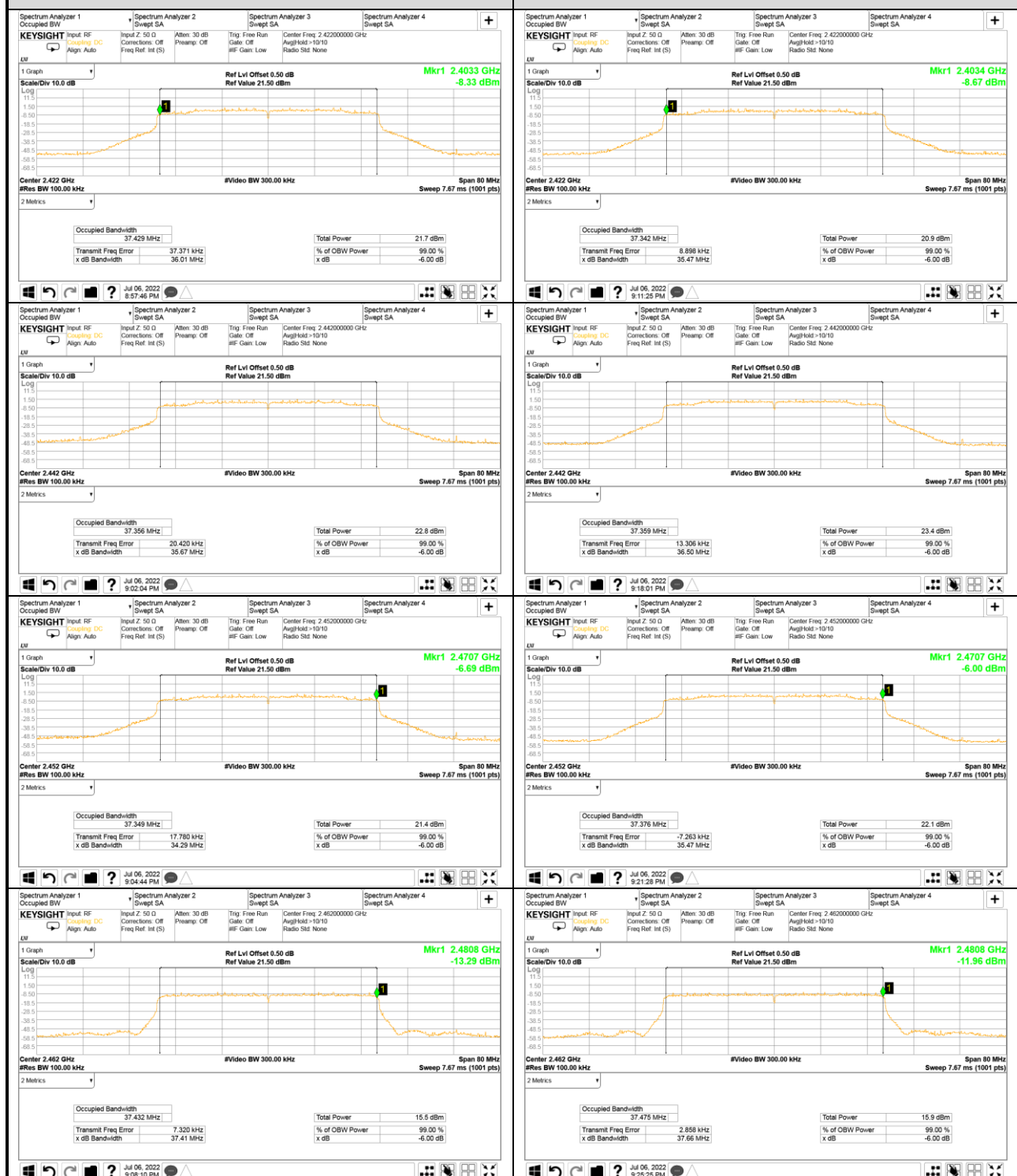


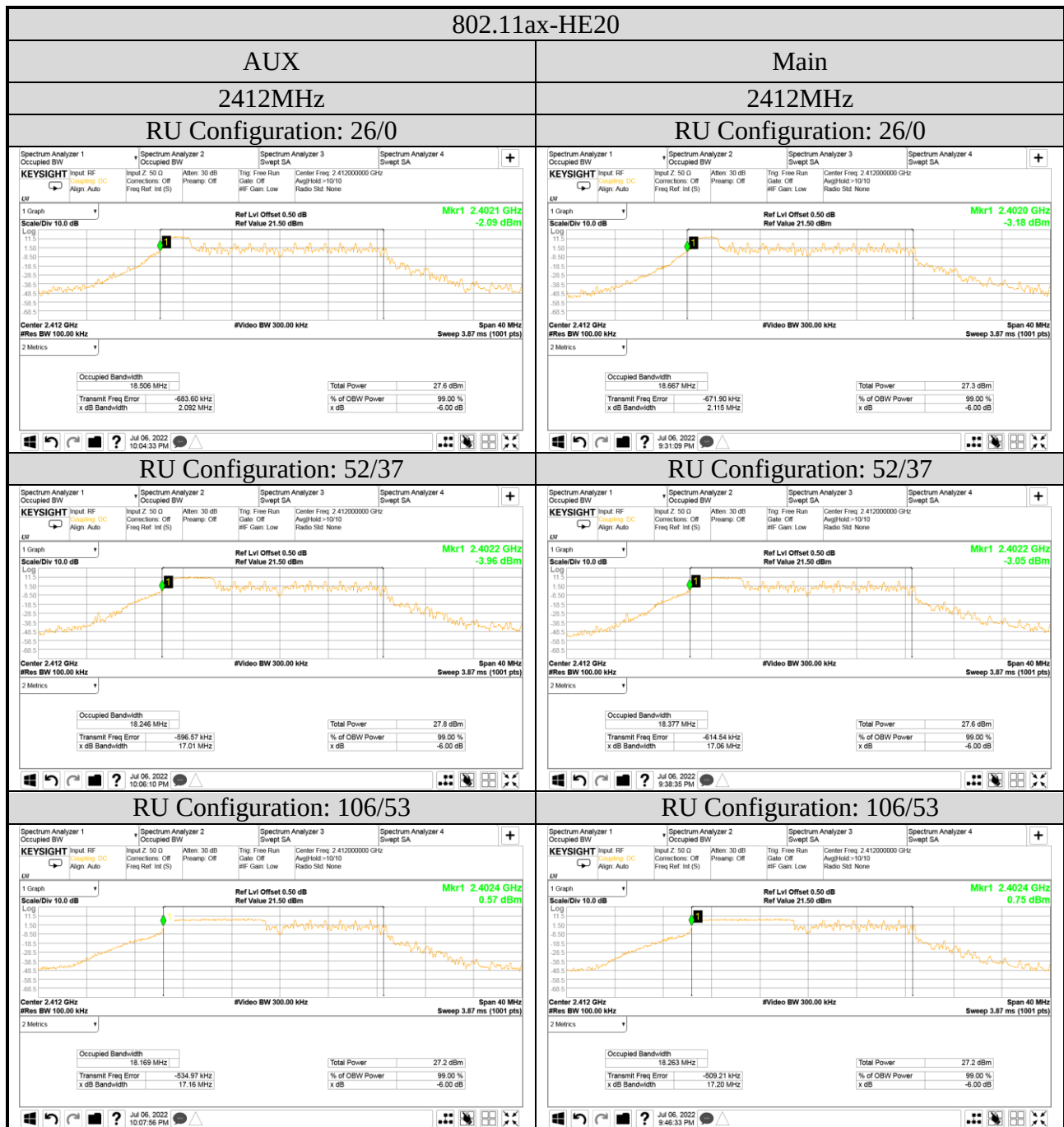


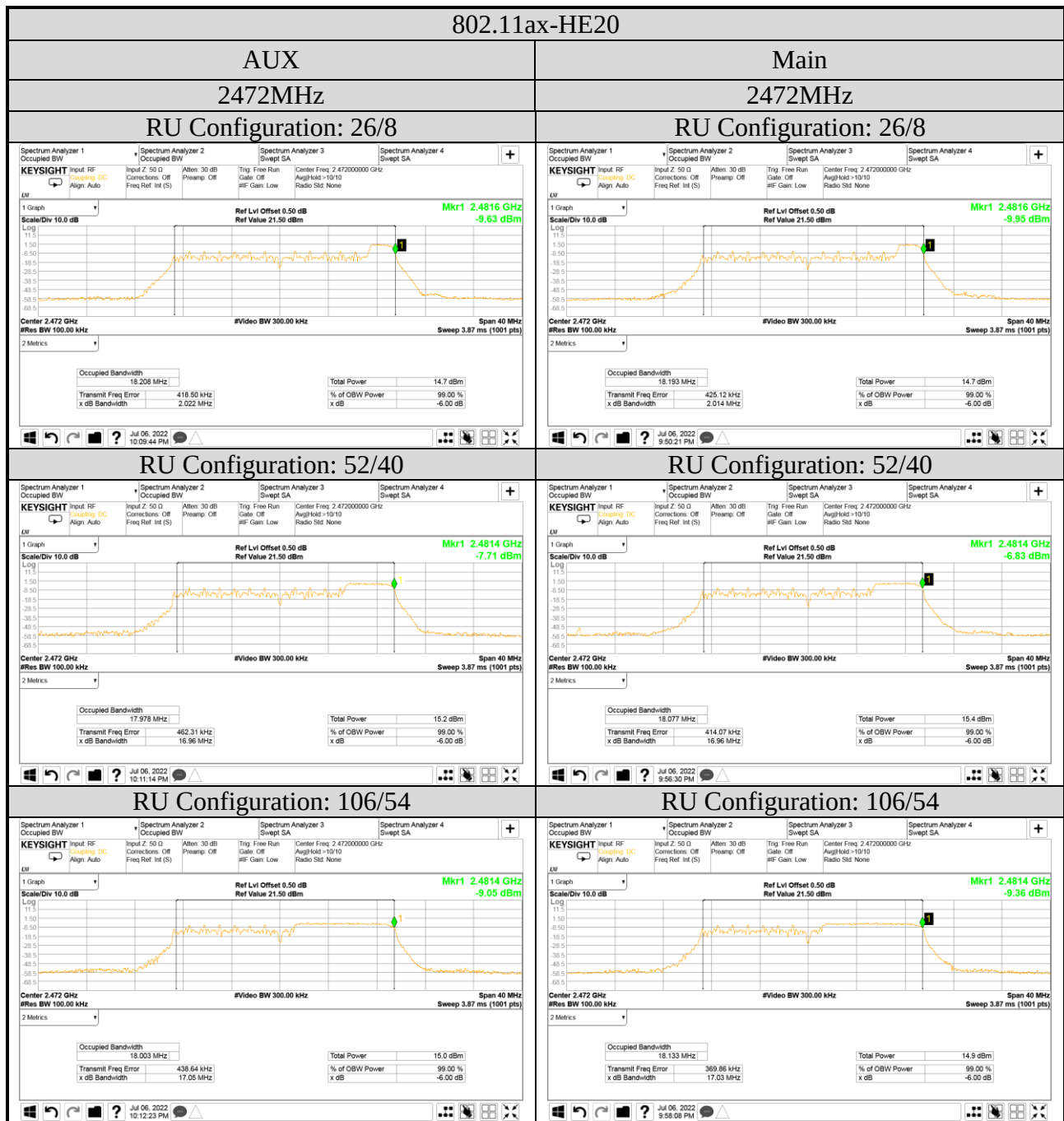
## 802.11ax-HE40

### AUX

### Main







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