

## A.4 POWER SPECTRAL DENSITY

|              |                               |            |                    |
|--------------|-------------------------------|------------|--------------------|
| Test Date    | 2022/07/20 ~ 21               | Temp./Hum. | 24 ~ 25°C/49 ~ 50% |
| Cable Loss   | 1.0dB                         | Tested By  | Kuper Hsu          |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) |            |                    |

### A.4.1 Power Spectral Density Result

| Mode    | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Max. Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|---------|------------|------------------------|-----------------------------------|-------|---------------------------------|-----------------------------------------------------------------|------------|
|         |            |                        | AUX                               | Main  |                                 |                                                                 |            |
| 802.11a | 1          | 5180                   | 8.139                             | 8.133 | 0.110                           | 8.249                                                           | 11 dBm/MHz |
|         |            | 5200                   | 7.937                             | 7.878 |                                 | 8.047                                                           |            |
|         |            | 5240                   | 7.739                             | 7.547 |                                 | 7.849                                                           |            |
|         | 2A         | 5260                   | 7.861                             | 7.694 |                                 | 7.971                                                           |            |
|         |            | 5300                   | 7.632                             | 7.696 |                                 | 7.806                                                           |            |
|         |            | 5320                   | 7.615                             | 7.590 |                                 | 7.725                                                           |            |
|         | 2C         | 5500                   | 8.194                             | 8.174 |                                 | 8.304                                                           |            |
|         |            | 5580                   | 7.929                             | 7.519 |                                 | 8.039                                                           |            |
|         |            | 5700                   | 7.624                             | 7.475 |                                 | 7.734                                                           |            |
|         |            | 5720                   | 7.726                             | 7.651 |                                 | 7.836                                                           |            |

| Mode    | U-NII Band         | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Max. Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|---------|--------------------|------------------------|-------------------------------------|-------|---------------------------------|-------------------------------------------------------------------|---------------|
|         |                    |                        | AUX                                 | Main  |                                 |                                                                   |               |
| 802.11a | 3 <sup>Note2</sup> | 5745                   | 5.367                               | 5.597 | 0.110                           | 5.707                                                             | 30dBm/500 kHz |
|         |                    | 5785                   | 5.622                               | 5.928 |                                 | 6.038                                                             |               |
|         |                    | 5825                   | 5.911                               | 5.658 |                                 | 6.021                                                             |               |

Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode         | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|--------------|------------|------------------------|-----------------------------------|-------|---------------------------------|------------------------------------------------------------------|------------|
|              |            |                        | AUX                               | Main  |                                 |                                                                  |            |
| 802.11n-HT20 | 1          | 5180                   | 6.359                             | 5.970 | N/A                             | 9.179                                                            | 11 dBm/MHz |
|              |            | 5200                   | 7.288                             | 6.806 |                                 | 10.064                                                           |            |
|              |            | 5240                   | 6.758                             | 6.525 |                                 | 9.653                                                            |            |
|              | 2A         | 5260                   | 6.884                             | 6.653 |                                 | 9.780                                                            |            |
|              |            | 5300                   | 6.771                             | 6.607 |                                 | 9.700                                                            |            |
|              |            | 5320                   | 6.286                             | 6.001 |                                 | 9.156                                                            |            |
|              | 2C         | 5500                   | 7.384                             | 7.323 |                                 | 10.364                                                           |            |
|              |            | 5580                   | 7.174                             | 6.594 |                                 | 9.904                                                            |            |
|              |            | 5700                   | 6.035                             | 6.125 |                                 | 9.091                                                            |            |
|              |            | 5720                   | 7.262                             | 7.226 |                                 | 10.254                                                           |            |

| Mode         | U-NII Band         | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|--------------|--------------------|------------------------|-------------------------------------|-------|---------------------------------|--------------------------------------------------------------------|---------------|
|              |                    |                        | AUX                                 | Main  |                                 |                                                                    |               |
| 802.11n-HT20 | 3 <sup>Note2</sup> | 5745                   | 5.007                               | 5.200 | N/A                             | 8.115                                                              | 30dBm/500 kHz |
|              |                    | 5785                   | 5.475                               | 5.144 |                                 | 8.323                                                              |               |
|              |                    | 5825                   | 6.047                               | 5.601 |                                 | 8.840                                                              |               |

Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode         | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|--------------|------------|------------------------|-----------------------------------|-------|---------------------------------|------------------------------------------------------------------|------------|
|              |            |                        | AUX                               | Main  |                                 |                                                                  |            |
| 802.11n-HT40 | 1          | 5190                   | 1.807                             | 1.476 | 0.123                           | 4.778                                                            | 11 dBm/MHz |
|              |            | 5230                   | 4.671                             | 4.086 |                                 | 7.522                                                            |            |
|              | 2A         | 5270                   | 4.233                             | 4.045 |                                 | 7.273                                                            |            |
|              |            | 5310                   | 0.852                             | 0.673 |                                 | 3.897                                                            |            |
|              | 2C         | 5510                   | 3.403                             | 3.167 |                                 | 6.420                                                            |            |
|              |            | 5550                   | 4.581                             | 4.314 |                                 | 7.583                                                            |            |
|              |            | 5670                   | 4.556                             | 3.815 |                                 | 7.335                                                            |            |
|              |            | 5710                   | 3.248                             | 2.973 |                                 | 6.246                                                            |            |

| Mode         | U-NII Band         | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|--------------|--------------------|------------------------|-------------------------------------|-------|---------------------------------|--------------------------------------------------------------------|---------------|
|              |                    |                        | AUX                                 | Main  |                                 |                                                                    |               |
| 802.11n-HT40 | 3 <sup>Note2</sup> | 5755                   | 3.652                               | 3.413 | 0.123                           | 6.667                                                              | 30dBm/500 kHz |
|              |                    | 5795                   | 2.389                               | 2.368 |                                 | 5.512                                                              |               |

Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode           | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|----------------|------------|------------------------|-----------------------------------|--------|---------------------------------|------------------------------------------------------------------|------------|
|                |            |                        | AUX                               | Main   |                                 |                                                                  |            |
| 802.11ac-VHT80 | 1          | 5210                   | -2.419                            | -2.662 | N/A                             | 0.471                                                            | 11 dBm/MHz |
|                | 2A         | 5290                   | -2.242                            | -2.272 |                                 | 0.753                                                            |            |
|                | 2C         | 5530                   | -1.433                            | -1.745 |                                 | 1.424                                                            |            |
|                |            | 5610                   | 1.182                             | 1.068  |                                 | 4.136                                                            |            |
|                |            | 5690                   | 1.157                             | 1.249  |                                 | 4.214                                                            |            |

| Mode           | U-NII Band             | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|----------------|------------------------|------------------------|-------------------------------------|--------|---------------------------------|--------------------------------------------------------------------|---------------|
|                |                        |                        | AUX                                 | Main   |                                 |                                                                    |               |
| 802.11ac-VHT80 | 3 <small>Note2</small> | 5775                   | -1.227                              | -1.288 | N/A                             | 1.753                                                              | 30dBm/500 kHz |

| Mode            | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|-----------------|------------|------------------------|-----------------------------------|--------|---------------------------------|------------------------------------------------------------------|------------|
|                 |            |                        | AUX                               | Main   |                                 |                                                                  |            |
| 802.11ac-VHT160 | 1/2A       | 5250                   | -7.888                            | -8.057 | 0.097                           | -4.864                                                           | 11 dBm/MHz |
|                 | 2C         | 5570                   | -4.668                            | -4.873 |                                 | -1.662                                                           |            |

Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode          | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|---------------|------------|------------------------|-----------------------------------|-------|---------------------------------|------------------------------------------------------------------|------------|
|               |            |                        | AUX                               | Main  |                                 |                                                                  |            |
| 802.11ax-HE20 | 1          | 5180                   | 6.513                             | 5.900 | N/A                             | 9.228                                                            | 11 dBm/MHz |
|               |            | 5200                   | 7.302                             | 6.872 |                                 | 10.103                                                           |            |
|               |            | 5240                   | 7.011                             | 6.803 |                                 | 9.919                                                            |            |
|               | 2A         | 5260                   | 6.749                             | 6.502 |                                 | 9.638                                                            |            |
|               |            | 5300                   | 6.799                             | 6.786 |                                 | 9.803                                                            |            |
|               |            | 5320                   | 6.216                             | 5.993 |                                 | 9.116                                                            |            |
|               | 2C         | 5500                   | 7.284                             | 7.388 |                                 | 10.347                                                           |            |
|               |            | 5580                   | 7.049                             | 6.910 |                                 | 9.990                                                            |            |
|               |            | 5700                   | 6.486                             | 6.102 |                                 | 9.309                                                            |            |
|               |            | 5720                   | 7.275                             | 7.282 |                                 | 10.289                                                           |            |

| Mode          | U-NII Band         | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|---------------|--------------------|------------------------|-------------------------------------|-------|---------------------------------|--------------------------------------------------------------------|---------------|
|               |                    |                        | AUX                                 | Main  |                                 |                                                                    |               |
| 802.11ax-HE20 | 3 <sup>Note2</sup> | 5745                   | 4.031                               | 4.005 | N/A                             | 7.028                                                              | 30dBm/500 kHz |
|               |                    | 5785                   | 4.506                               | 4.491 |                                 | 7.509                                                              |               |
|               |                    | 5825                   | 4.661                               | 4.590 |                                 | 7.636                                                              |               |

Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode          | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|---------------|------------|------------------------|-----------------------------------|-------|---------------------------------|------------------------------------------------------------------|------------|
|               |            |                        | AUX                               | Main  |                                 |                                                                  |            |
| 802.11ax-HE40 | 1          | 5190                   | 1.411                             | 1.201 | N/A                             | 4.318                                                            | 11 dBm/MHz |
|               |            | 5230                   | 4.548                             | 3.974 |                                 | 7.281                                                            |            |
|               | 2A         | 5270                   | 3.882                             | 3.825 |                                 | 6.864                                                            |            |
|               |            | 5310                   | 0.369                             | 0.194 |                                 | 3.293                                                            |            |
|               | 2C         | 5510                   | 2.857                             | 2.805 |                                 | 5.841                                                            |            |
|               |            | 5550                   | 4.185                             | 3.816 |                                 | 7.015                                                            |            |
|               |            | 5670                   | 4.318                             | 3.364 |                                 | 6.877                                                            |            |
|               |            | 5710                   | 2.970                             | 2.438 |                                 | 5.722                                                            |            |
|               |            |                        |                                   |       |                                 |                                                                  |            |

| Mode          | U-NII Band         | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|---------------|--------------------|------------------------|-------------------------------------|-------|---------------------------------|--------------------------------------------------------------------|---------------|
|               |                    |                        | AUX                                 | Main  |                                 |                                                                    |               |
| 802.11ax-HE40 | 3 <sup>Note2</sup> | 5755                   | 1.175                               | 0.435 | N/A                             | 3.831                                                              | 30dBm/500 kHz |
|               |                    | 5795                   | 1.270                               | 1.314 |                                 | 4.302                                                              |               |

Note :1. All results have been included cable loss.

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| Mode          | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|---------------|------------|------------------------|-----------------------------------|--------|---------------------------------|------------------------------------------------------------------|------------|
|               |            |                        | AUX                               | Main   |                                 |                                                                  |            |
| 802.11ax-HE80 | 1          | 5210                   | -2.740                            | -2.767 | N/A                             | 0.257                                                            | 11 dBm/MHz |
|               | 2A         | 5290                   | -2.262                            | -2.467 |                                 | 0.647                                                            |            |
|               | 2C         | 5530                   | -1.817                            | -1.777 |                                 | 1.213                                                            |            |
|               |            | 5610                   | 1.032                             | 0.585  |                                 | 3.825                                                            |            |
|               |            | 5690                   | 0.983                             | 0.786  |                                 | 3.896                                                            |            |

| Mode          | U-NII Band             | Centre Frequency (MHz) | Power Spectral Density (dBm/500kHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/500kHz)<br><small>Note 4</small> | Limit         |
|---------------|------------------------|------------------------|-------------------------------------|--------|---------------------------------|--------------------------------------------------------------------|---------------|
|               |                        |                        | AUX                                 | Main   |                                 |                                                                    |               |
| 802.11ax-HE80 | 3 <small>Note2</small> | 5775                   | -2.095                              | -1.970 | N/A                             | 0.978                                                              | 30dBm/500 kHz |

| Mode           | U-NII Band | Centre Frequency (MHz) | Power Spectral Density (dBm/1MHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm/1MHz)<br><small>Note 3</small> | Limit      |
|----------------|------------|------------------------|-----------------------------------|--------|---------------------------------|------------------------------------------------------------------|------------|
|                |            |                        | AUX                               | Main   |                                 |                                                                  |            |
| 802.11ax-HE160 | 1/2A       | 5250                   | -8.208                            | -8.192 | 0.097                           | -5.093                                                           | 11 dBm/MHz |
|                | 2C         | 5570                   | -4.922                            | -5.063 |                                 | -1.885                                                           |            |

Note :1. All results have been included cable loss.

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4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode          | U-NII Band | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 3 | Limit      |
|---------------|------------|------------------------|------------------|-----------------------------------|-------|---------------------------------|----------------------------------------------|------------|
|               |            |                        |                  | AUX                               | Main  |                                 |                                              |            |
| 802.11ax-HE20 | 1          | 5180                   | 26/0             | 7.031                             | 6.568 | 0.150                           | 9.966                                        | 11 dBm/MHz |
|               |            |                        | 52/37            | 7.346                             | 7.432 |                                 | 10.550                                       |            |
|               |            |                        | 106/53           | 7.770                             | 7.362 |                                 | 10.731                                       |            |
|               | 2A         | 5320                   | 26/8             | 6.930                             | 6.392 |                                 | 9.830                                        |            |
|               |            |                        | 52/40            | 7.447                             | 7.303 |                                 | 10.536                                       |            |
|               |            |                        | 106/54           | 6.968                             | 6.623 |                                 | 9.959                                        |            |
|               | 2C         | 5500                   | 26/0             | 7.013                             | 7.080 |                                 | 10.207                                       |            |
|               |            |                        | 52/37            | 7.483                             | 7.337 |                                 | 10.571                                       |            |
|               |            |                        | 106/53           | 7.051                             | 6.652 |                                 | 10.016                                       |            |
|               |            | 5700                   | 26/8             | 6.525                             | 6.330 |                                 | 9.589                                        |            |
|               |            |                        | 52/40            | 7.358                             | 7.122 |                                 | 10.402                                       |            |
|               |            |                        | 106/54           | 7.254                             | 6.927 |                                 | 10.254                                       |            |

| Mode          | U-NII Band         | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 4 | Limit         |
|---------------|--------------------|------------------------|------------------|-------------------------------------|-------|---------------------------------|----------------------------------------------|---------------|
|               |                    |                        |                  | AUX                                 | Main  |                                 |                                              |               |
| 802.11ax-HE20 | 3 <sup>Note2</sup> | 5745                   | 26/0             | 9.522                               | 9.906 | 0.150                           | 12.879                                       | 30dBm/500 kHz |
|               |                    |                        | 52/37            | 4.612                               | 4.623 |                                 | 7.778                                        |               |
|               |                    |                        | 106/53           | 6.255                               | 5.874 |                                 | 9.229                                        |               |
|               |                    | 5825                   | 26/8             | 10.277                              | 9.803 |                                 | 13.207                                       |               |
|               |                    |                        | 52/40            | 4.770                               | 4.567 |                                 | 7.830                                        |               |
|               |                    |                        | 106/54           | 5.729                               | 5.549 |                                 | 8.800                                        |               |

Note :1. All results have been included cable loss.

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4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

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| Mode          | U-NII Band | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 3 | Limit      |
|---------------|------------|------------------------|------------------|-----------------------------------|-------|---------------------------------|----------------------------------------------|------------|
|               |            |                        |                  | AUX                               | Main  |                                 |                                              |            |
| 802.11ax-HE40 | 1          | 5190                   | 242/61           | 6.356                             | 5.915 | N/A                             | 9.151                                        | 11 dBm/MHz |
|               | 2A         | 5310                   | 242/62           | 4.797                             | 4.606 |                                 | 7.713                                        |            |
|               | 2C         | 5510                   | 242/61           | 7.530                             | 7.017 |                                 | 9.320                                        |            |
|               |            | 5670                   | 242/62           | 6.914                             | 6.481 |                                 | 9.713                                        |            |

| Mode          | U-NII Band         | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 4 | Limit         |
|---------------|--------------------|------------------------|------------------|-------------------------------------|-------|---------------------------------|----------------------------------------------|---------------|
|               |                    |                        |                  | AUX                                 | Main  |                                 |                                              |               |
| 802.11ax-HE40 | 3 <sup>Note2</sup> | 5755                   | 242/61           | 5.956                               | 3.986 | N/A                             | 8.092                                        | 30dBm/500 kHz |
|               |                    | 5795                   | 242/62           | 6.082                               | 4.734 |                                 | 8.470                                        |               |

| Mode          | U-NII Band | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/1MHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 3 | Limit      |
|---------------|------------|------------------------|------------------|-----------------------------------|-------|---------------------------------|----------------------------------------------|------------|
|               |            |                        |                  | AUX                               | Main  |                                 |                                              |            |
| 802.11ax-HE80 | 1          | 5210                   | 484/65           | 1.698                             | 1.107 | N/A                             | 4.423                                        | 11 dBm/MHz |
|               | 2A         | 5290                   | 484/66           | -2.217                            | 4.802 |                                 | 5.589                                        |            |
|               | 2C         | 5530                   | 484/65           | 4.707                             | 1.222 |                                 | 6.315                                        |            |
|               |            | 5610                   | 484/66           | 4.353                             | 3.529 |                                 | 6.971                                        |            |

| Mode          | U-NII Band         | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/500kHz) |       | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 4 | Limit         |
|---------------|--------------------|------------------------|------------------|-------------------------------------|-------|---------------------------------|----------------------------------------------|---------------|
|               |                    |                        |                  | AUX                                 | Main  |                                 |                                              |               |
| 802.11ax-HE80 | 3 <sup>Note2</sup> | 5775                   | 484/65           | 1.260                               | 0.824 | N/A                             | 4.058                                        | 30dBm/500 kHz |
|               |                    | 5775                   | 484/66           | 1.664                               | 0.957 |                                 | 4.335                                        |               |

| Mode           | U-NII Band | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm/1MHz) |        | Duty Cycle Factor<br>10log(1/X) | Total Power Spectral Density (dBm)<br>Note 3 | Limit      |
|----------------|------------|------------------------|------------------|-----------------------------------|--------|---------------------------------|----------------------------------------------|------------|
|                |            |                        |                  | AUX                               | Main   |                                 |                                              |            |
| 802.11ax-HE160 | 1/2A       | 5250                   | 996/67           | -2.620                            | -2.814 | N/A                             | 0.294                                        | 11 dBm/MHz |
|                |            |                        | 996/S67          | -4.287                            | -4.458 |                                 | -1.361                                       |            |
|                | 2C         | 5570                   | 996/67           | -2.611                            | -2.830 |                                 | 0.291                                        |            |
|                |            |                        | 996/S67          | 1.241                             | 1.128  |                                 | 4.195                                        |            |

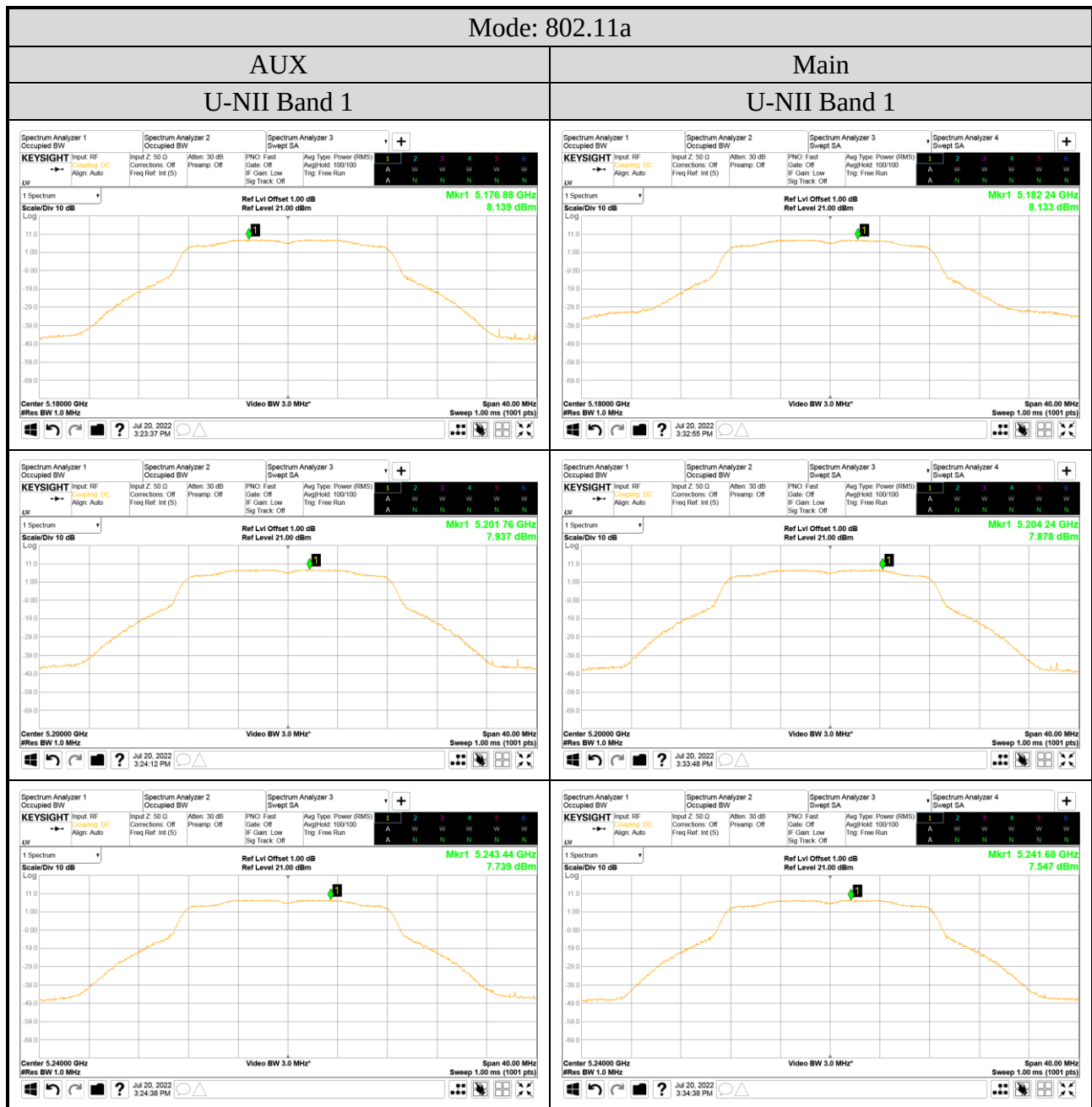
Note :1. All results have been included cable loss.

2. BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

3. Max. Power Spectral Density (dBm/1MHz) = Max of each PSD (dBm/1MHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

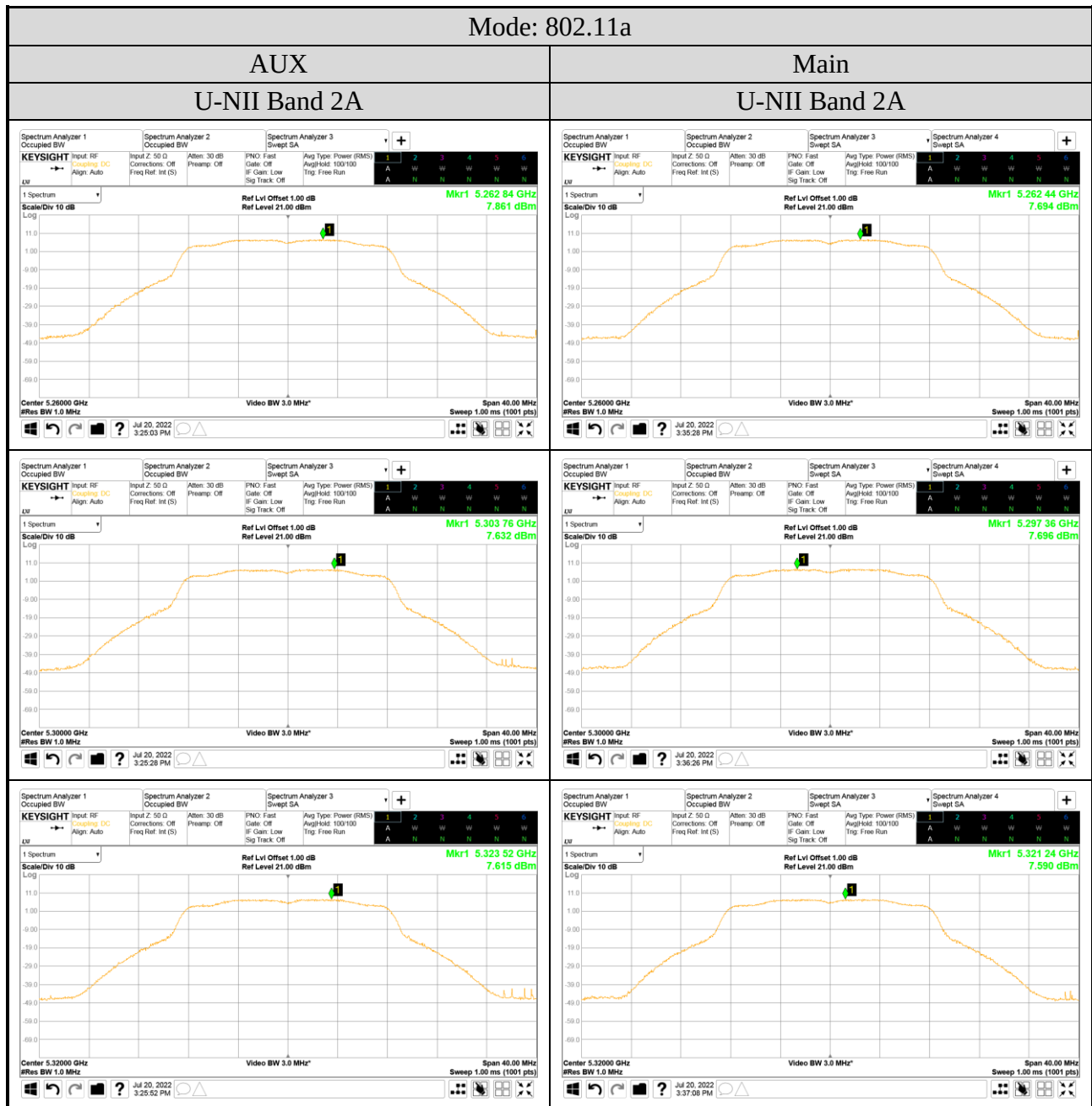
4. Max. Power Spectral Density (dBm/500kHz) = Max of each PSD (dBm/500kHz) + Duty Cycle Factor(dB) when duty cycle is less than 98%.

## A.4.2 Measurement Plots



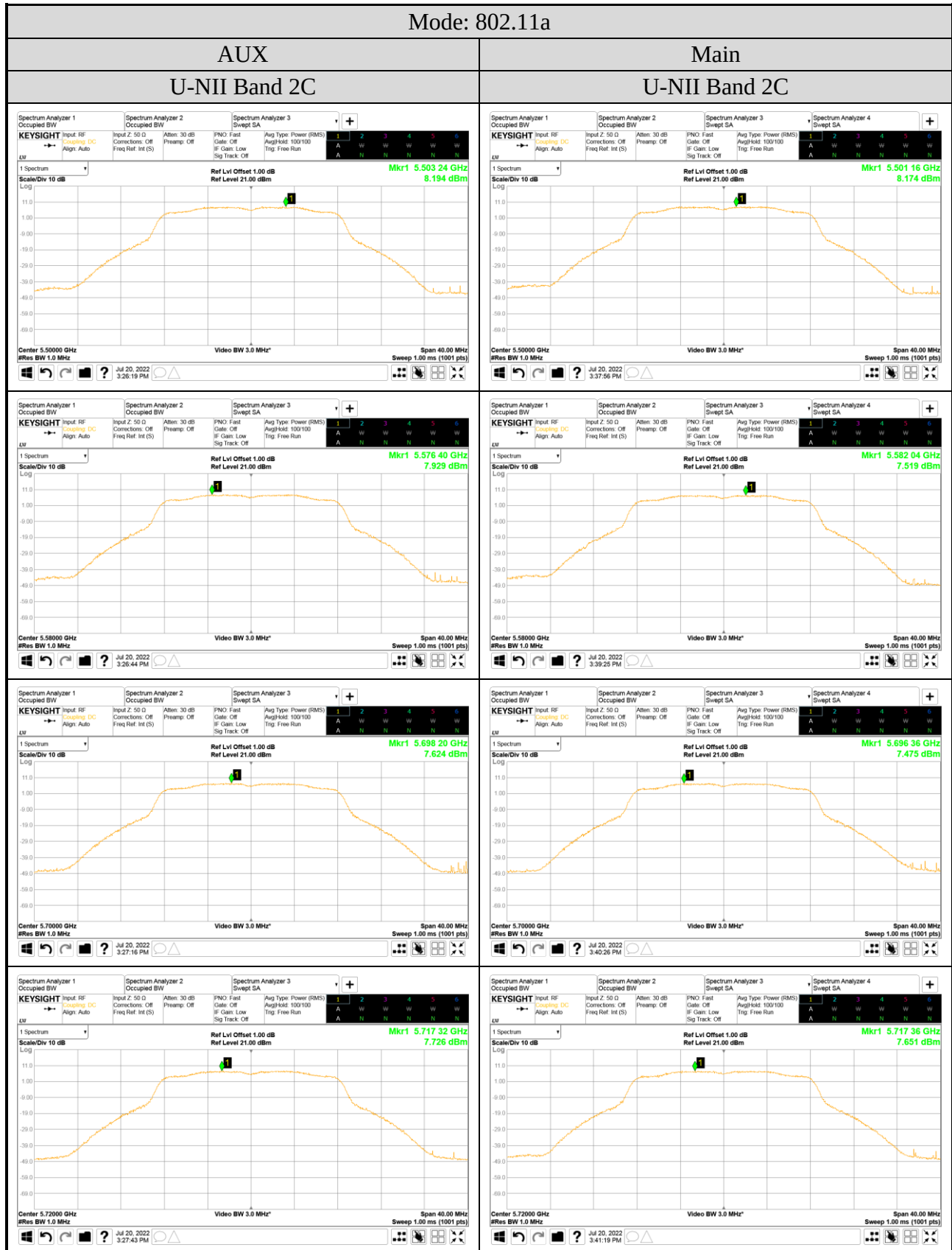
**Audix Technology Corp.**  
No. 491, Zhongfu Rd., Linkou Dist.,  
New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**



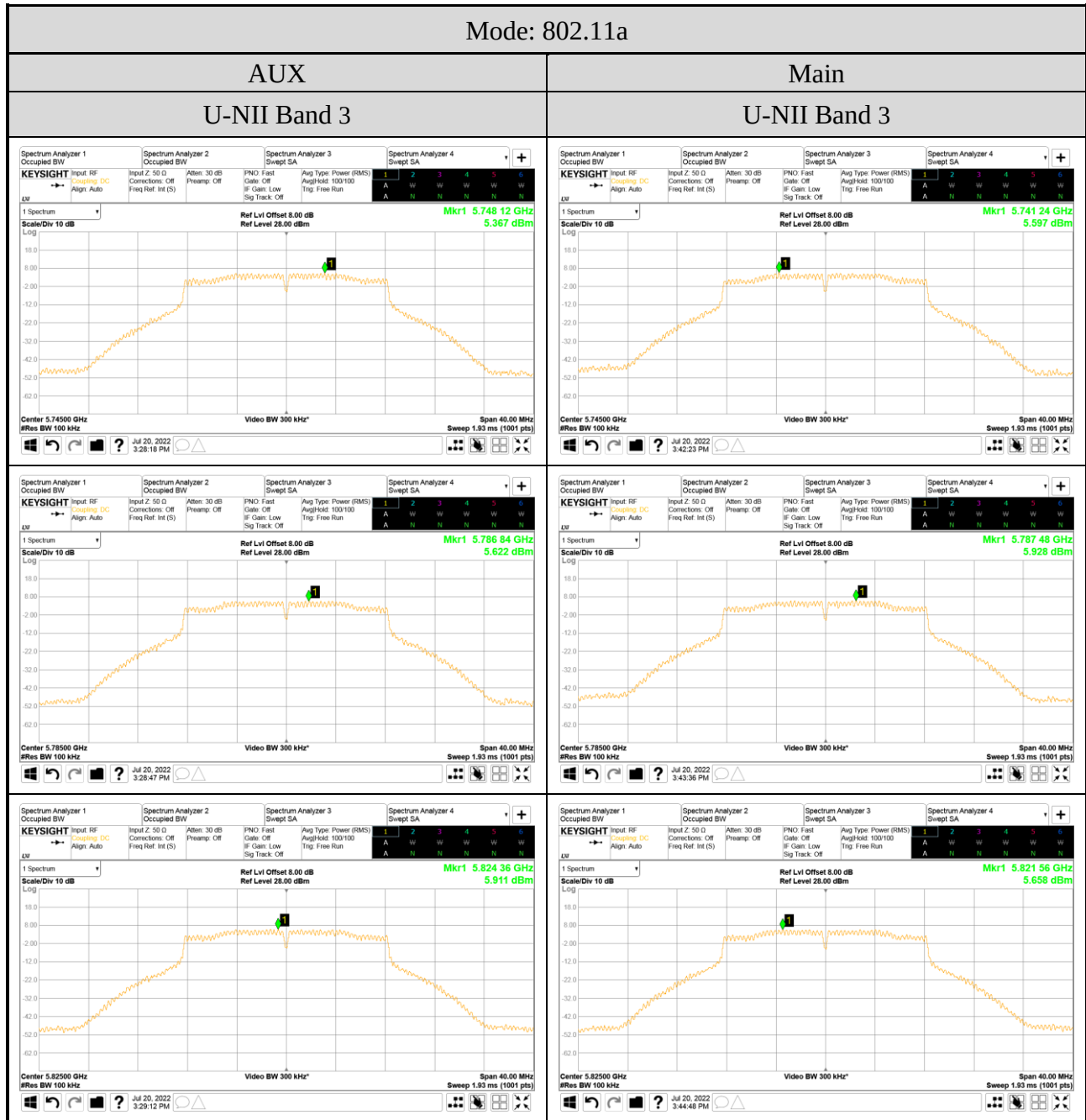
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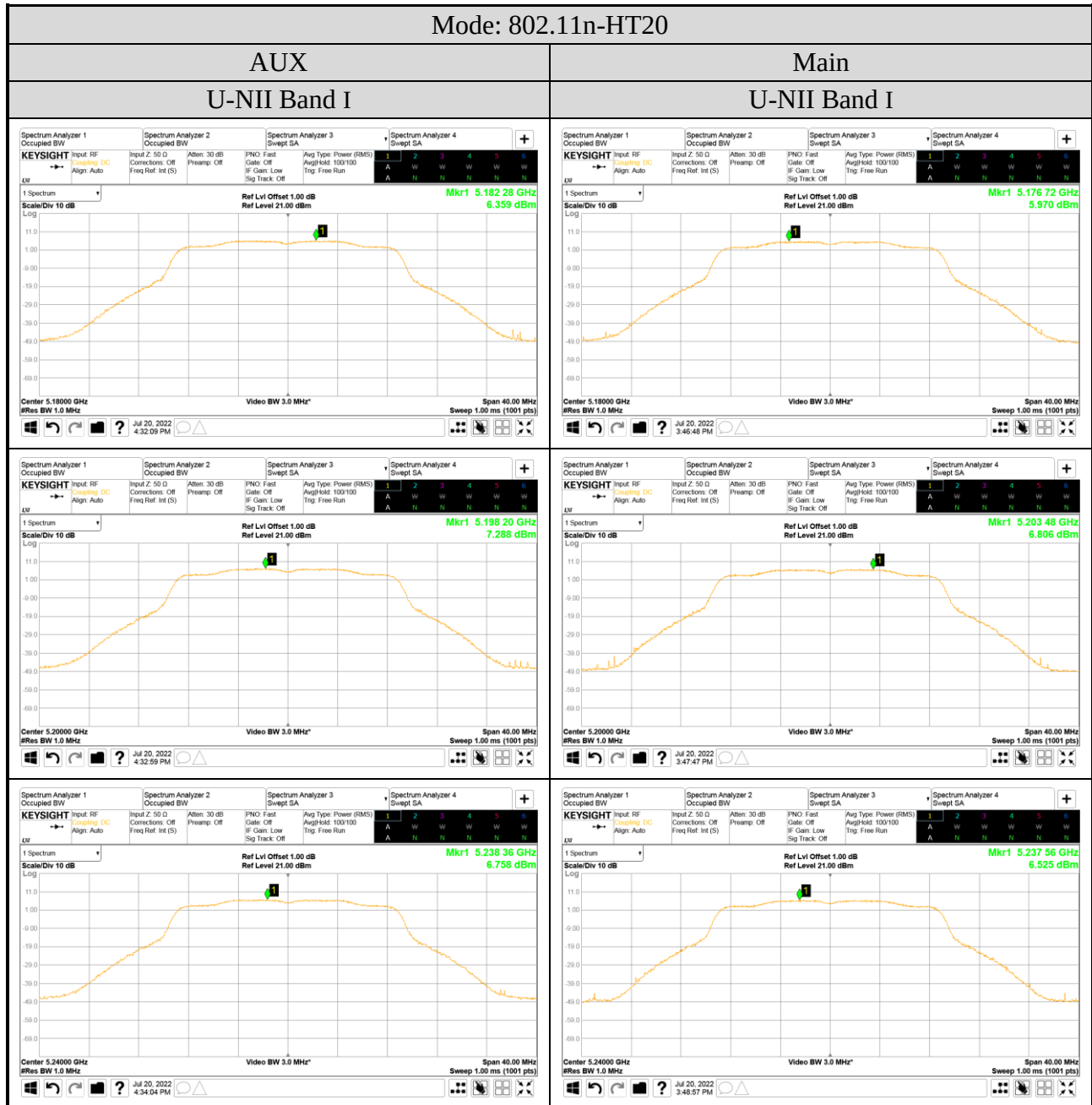
**Audix Technology Corp.**  
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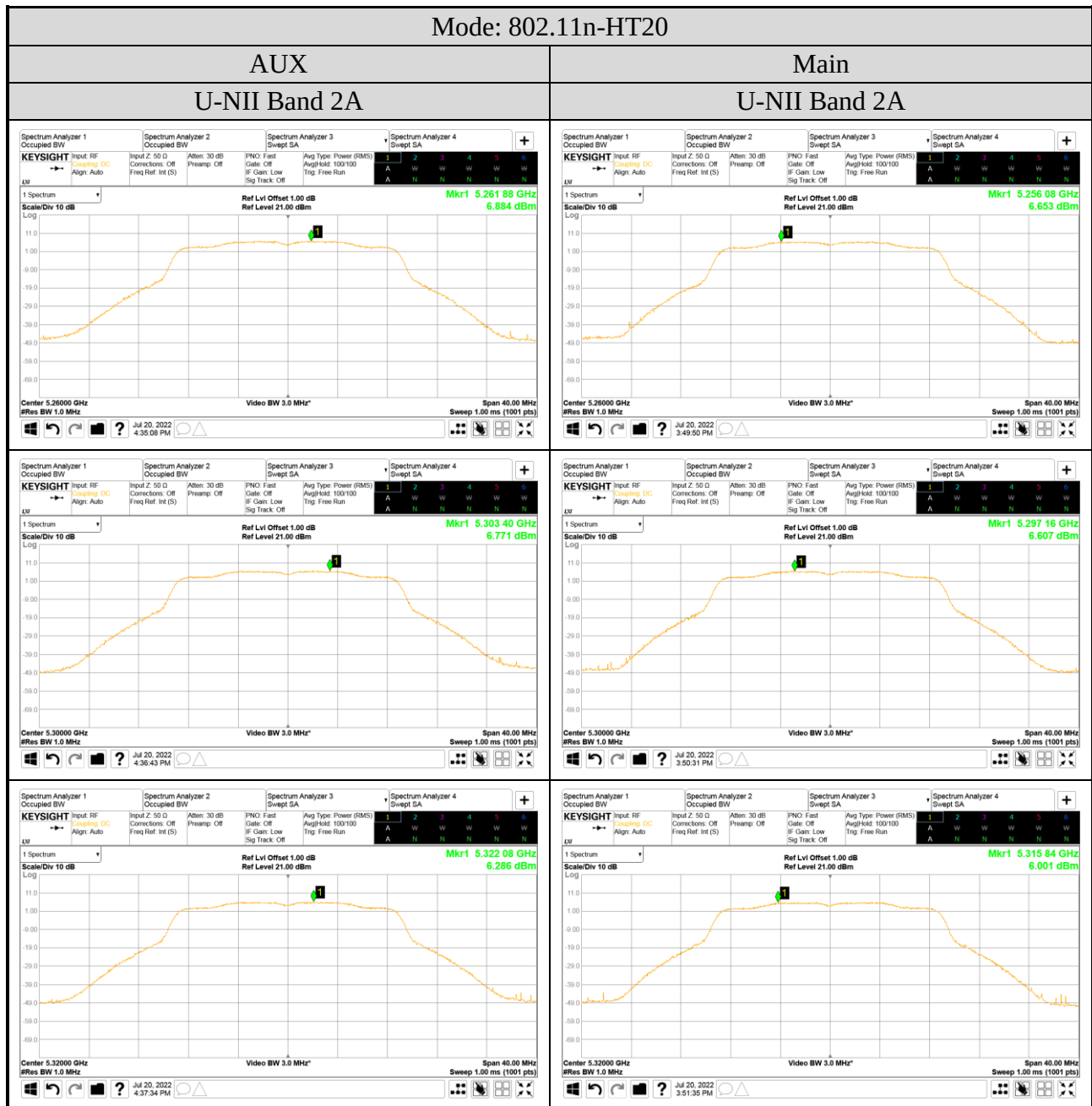
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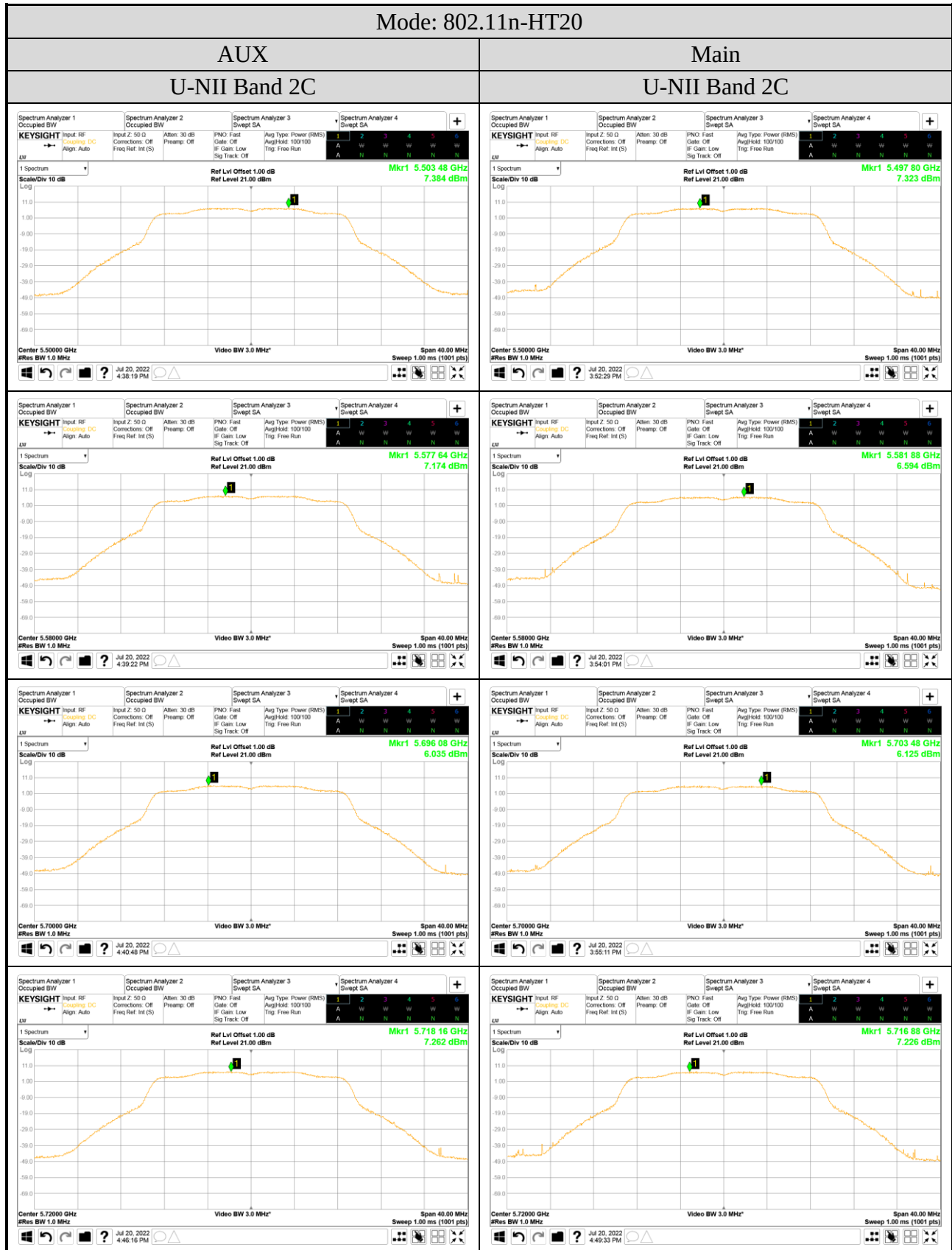
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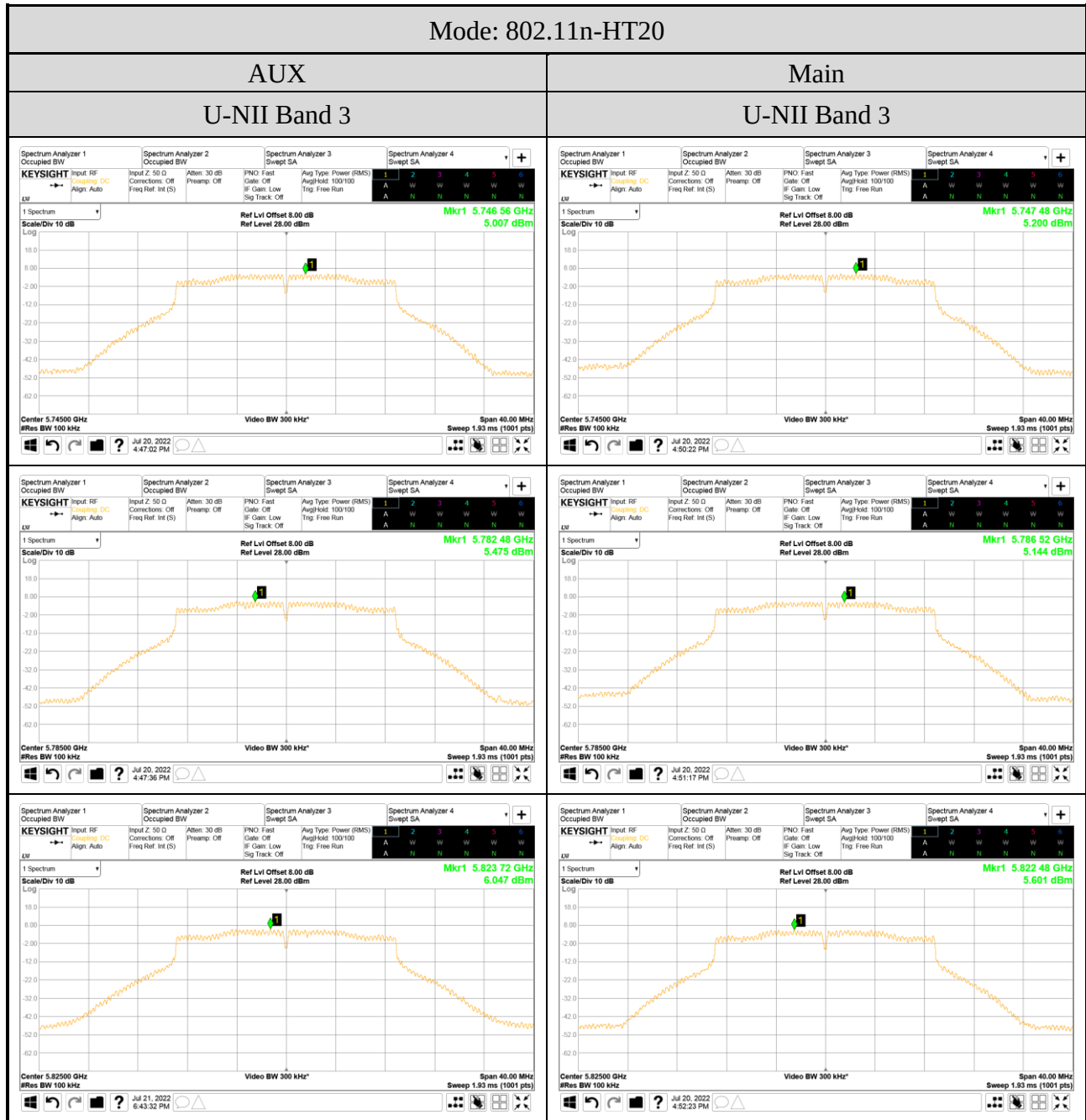
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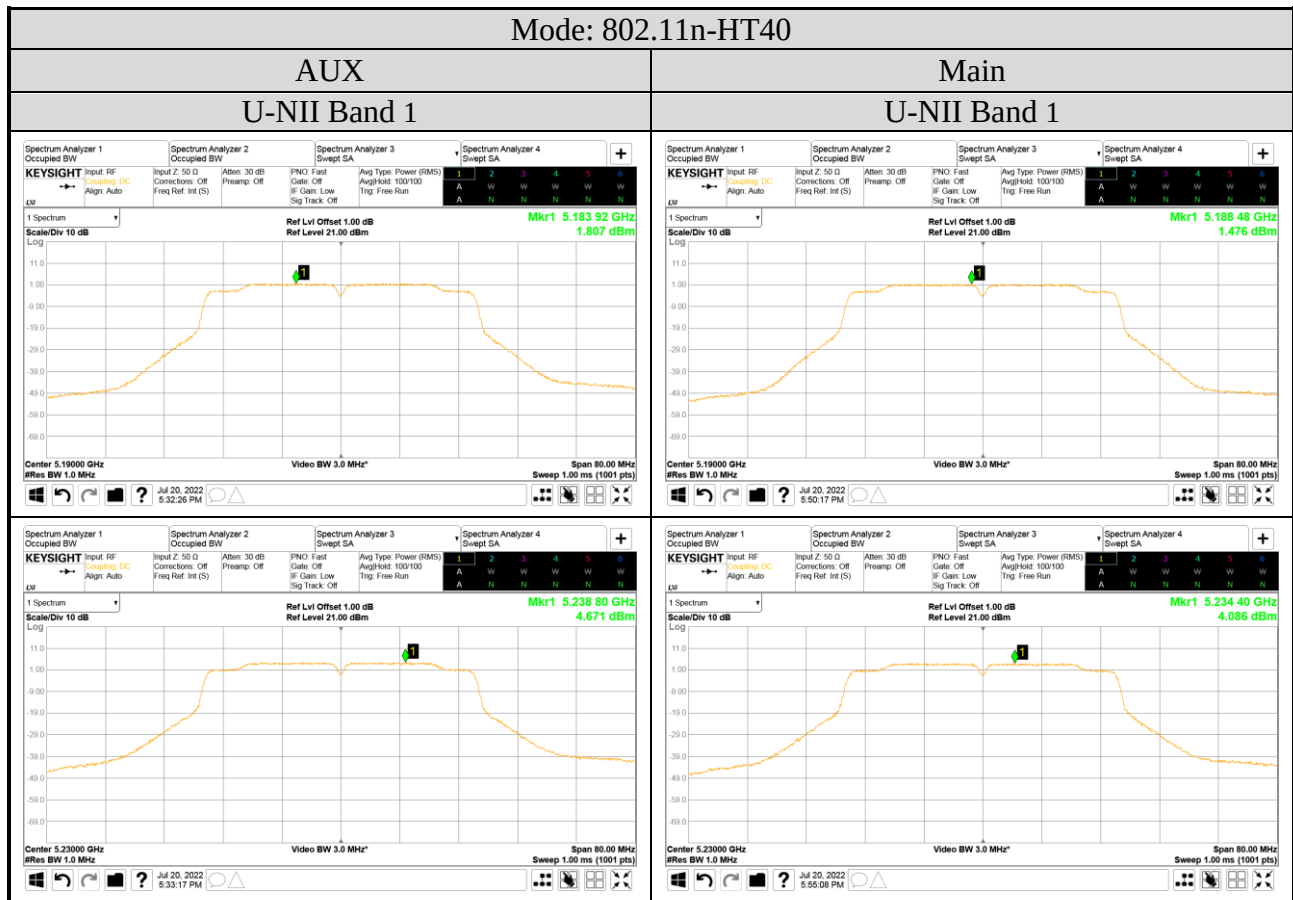
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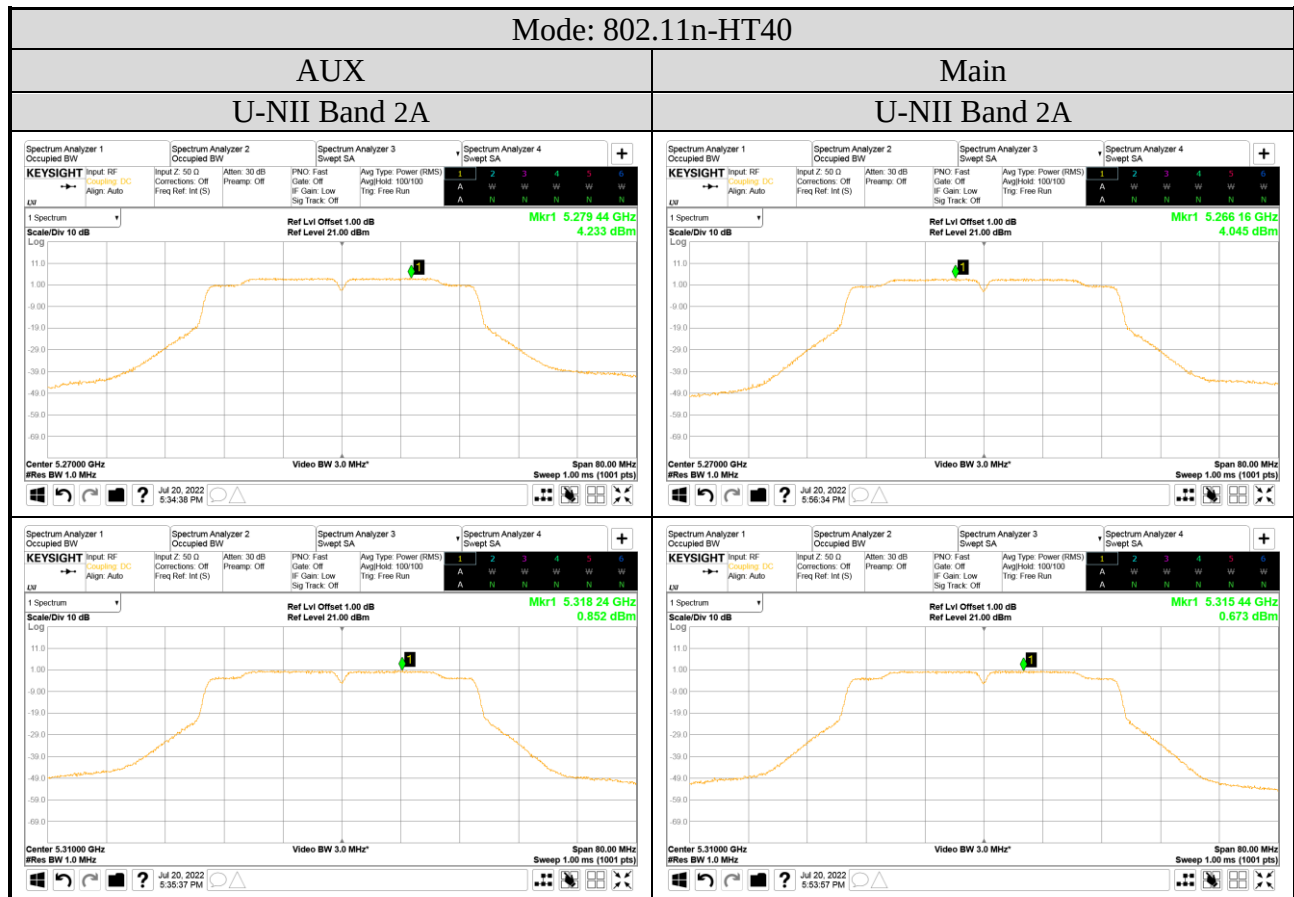
**Tel: +886 2 26099301**  
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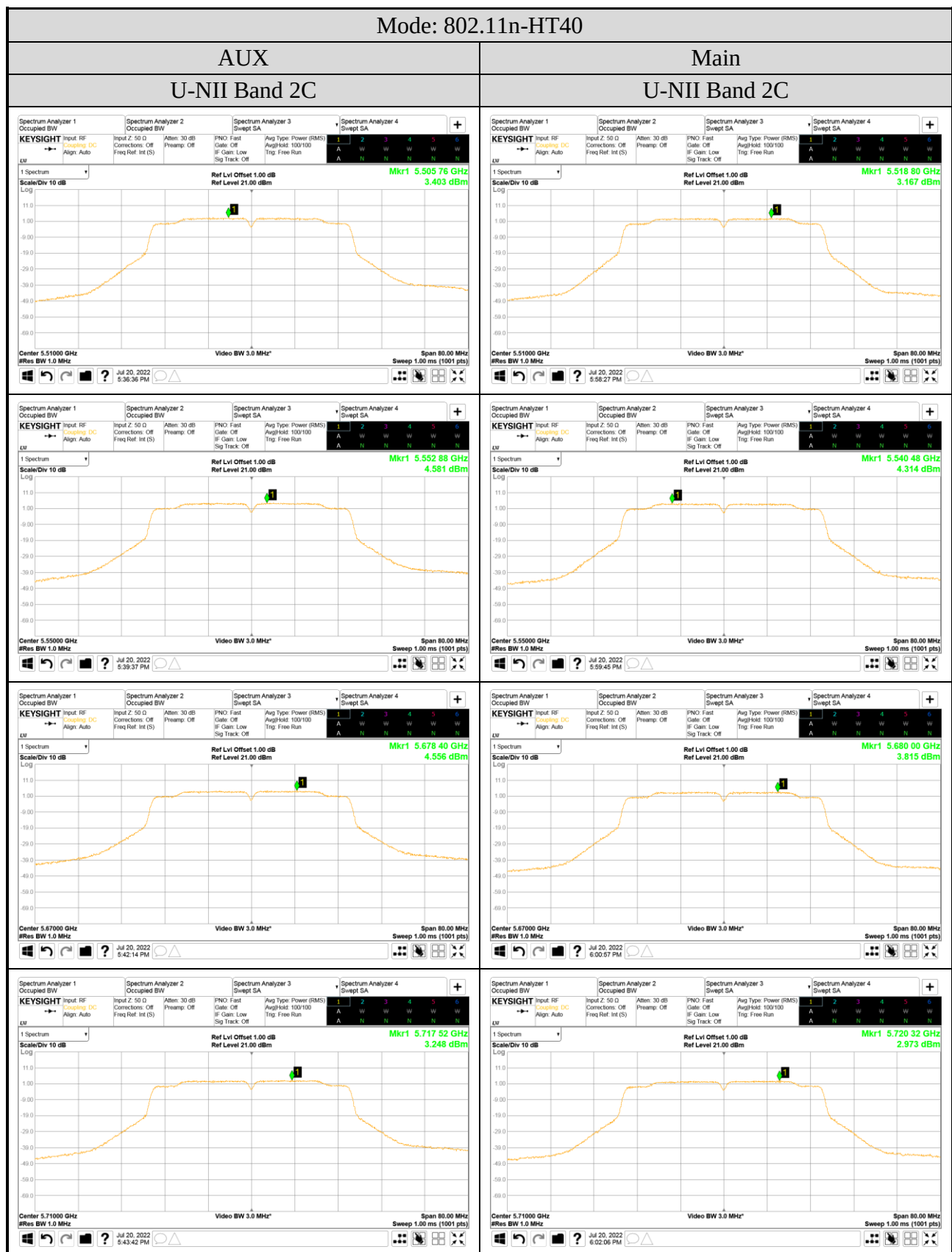


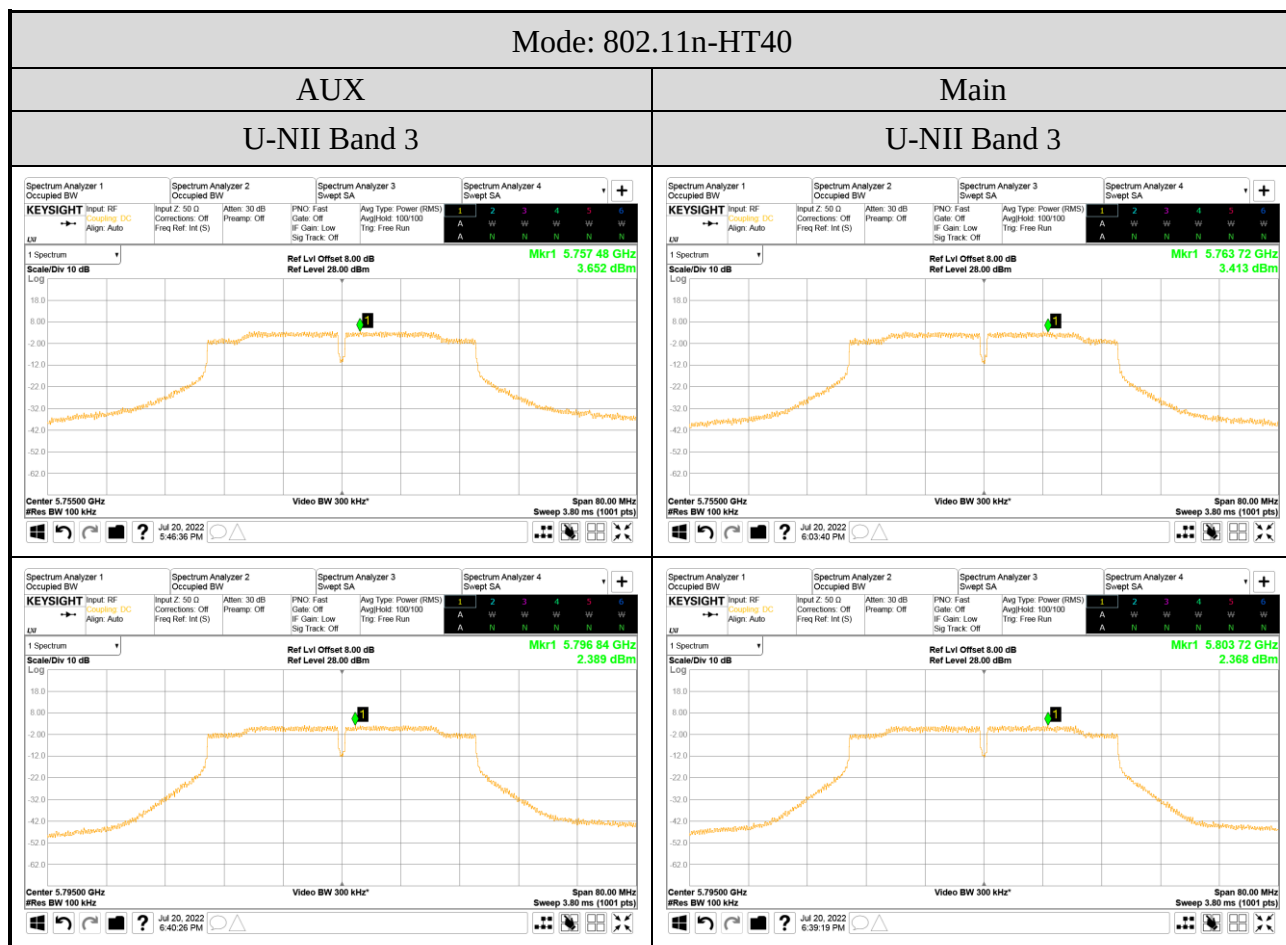
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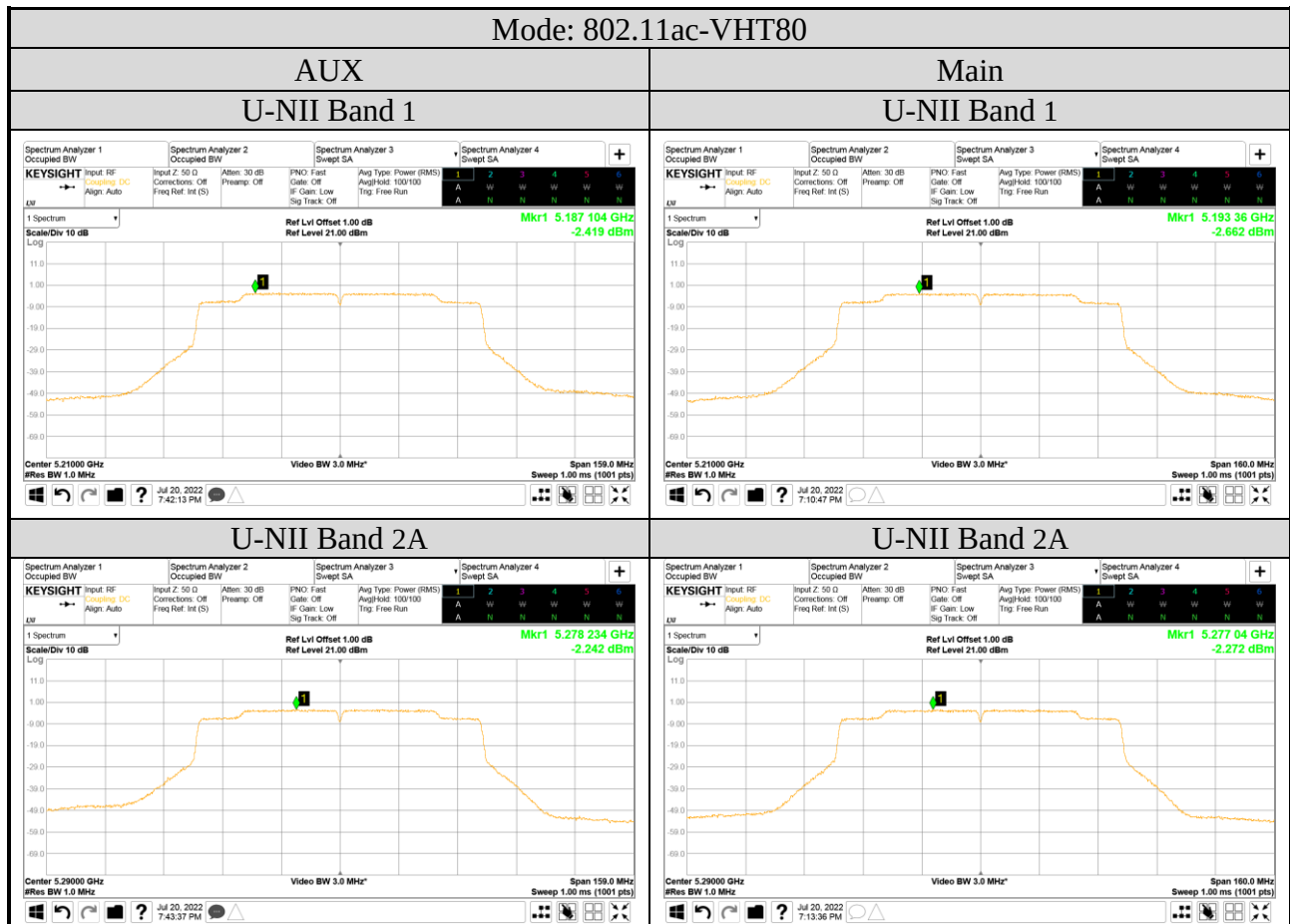


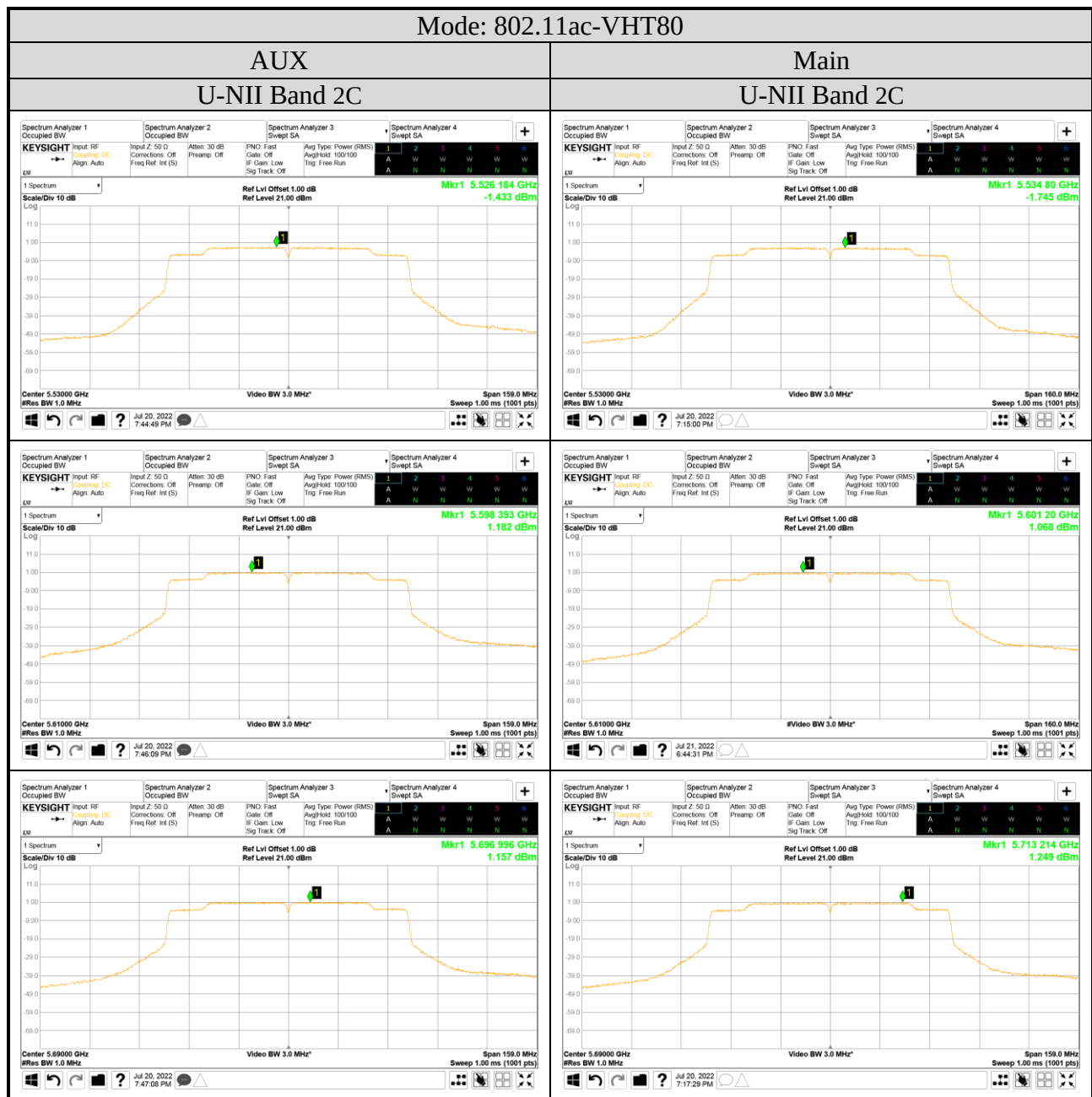




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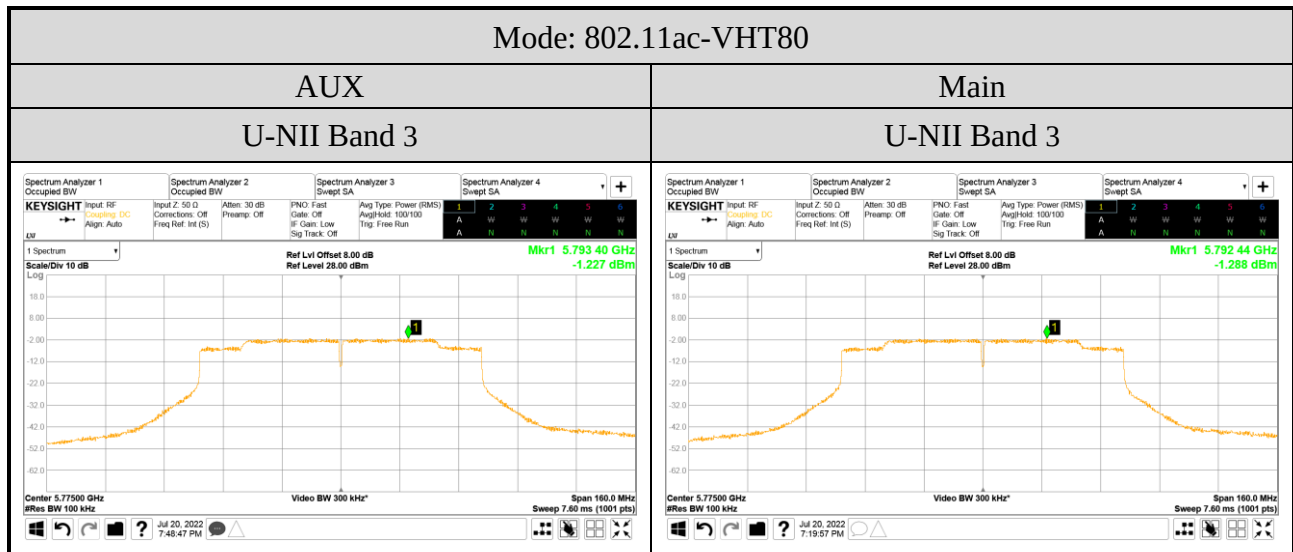
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