

A.3 MAXIMUM OUTPUT POWER AND EMISSION/OCCUPIED

BANDWIDTH

| | | | |
|--------------|-------------------------------|------------|--------------------|
| Test Date | 2023/10/17 ~ 11/02 | Temp./Hum. | 23 ~ 25°C/57 ~ 63% |
| Cable Loss | 1.93dB | Tested By | Harry Huang |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) | | |

A.3.1 Average Output Power and Emission/Occupied Bandwidth

| Mode 802.11a | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Max Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
|-----------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | Aux | Main | | | | |
| U-NII Band 1 | 5180 | 23.47 | 22.67 | 16.626 | 16.602 | 16.44 | 15.72 | 16.44 | 24 | N/A | |
| | 5200 | 22.90 | 22.23 | 16.622 | 16.642 | 16.36 | 15.59 | 16.36 | | | |
| | 5240 | 22.86 | 23.26 | 16.673 | 16.615 | 16.23 | 15.52 | 16.23 | | | |
| U-NII Band 2A | 5260 | 23.59 | 22.34 | 16.637 | 16.647 | 16.36 | 15.57 | 16.36 | 24 | 24.49 | |
| | 5300 | 23.00 | 23.55 | 16.660 | 16.794 | 16.25 | 15.66 | 16.25 | | 24.62 | |
| | 5320 | 22.07 | 22.24 | 16.616 | 16.540 | 16.24 | 16.49 | 16.49 | | 24.44 | |
| U-NII Band 2C | 5500 | 23.18 | 22.44 | 16.622 | 16.591 | 16.32 | 15.53 | 16.32 | 24 | 24.51 | |
| | 5580 | 22.46 | 22.43 | 16.588 | 16.600 | 16.29 | 15.92 | 16.29 | | 24.51 | |
| | 5700 | 22.57 | 22.82 | 16.555 | 16.694 | 16.35 | 16.21 | 16.35 | | 24.54 | |
| | 5720 | 22.52 | 22.48 | 16.510 | 16.613 | 16.42 | 16.71 | 16.71 | | 24.52 | |
| U-NII Band 3 | 5745 | 11.71 | 12.57 | 16.551 | 16.547 | 16.43 | 16.50 | 16.50 | 30 | N/A | |
| | 5785 | 16.36 | 10.94 | 16.497 | 16.586 | 16.26 | 16.18 | 16.26 | | | |
| | 5825 | 12.39 | 10.48 | 16.513 | 16.553 | 16.19 | 16.23 | 16.23 | | | |

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

2. Max Average Output Power (dBm) = Max of each average output power (dBm)+ Duty Cycle Factor (dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

| Mode 802.11n-HT20 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note3} | | |
|----------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|---|----------------|---|-------|-----|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | | | |
| | | Aux | Main | Aux | Main | | | | | | | | |
| U-NII Band 1 | 5180 | 23.22 | 23.13 | 17.736 | 17.767 | 16.27 | 16.18 | N/A | 24.00 | N/A | | | |
| | 5200 | 23.28 | 23.25 | 17.687 | 17.783 | 16.25 | 16.22 | | | | | | |
| | 5240 | 23.21 | 23.93 | 17.776 | 17.741 | 16.18 | 16.16 | | | | | | |
| U-NII Band 2A | 5260 | 23.18 | 22.60 | 17.724 | 17.717 | 16.22 | 16.26 | | N/A | 24.00 | 24.54 | | |
| | 5300 | 22.53 | 22.26 | 17.764 | 17.734 | 16.18 | 16.28 | | | | | | |
| | 5320 | 23.22 | 23.34 | 17.772 | 17.786 | 16.10 | 16.22 | | | | | | |
| U-NII Band 2C | 5500 | 22.51 | 23.74 | 17.735 | 17.765 | 16.30 | 16.24 | | | N/A | 22.95 ^{Note4} | 24.52 | |
| | 5580 | 23.33 | 22.74 | 17.728 | 17.712 | 16.18 | 16.02 | | | | | | |
| | 5700 | 23.97 | 22.83 | 17.754 | 17.817 | 16.24 | 16.11 | | | | | | |
| | 5720 | 23.03 | 23.47 | 17.808 | 17.716 | 16.43 | 16.17 | | | | | | |
| U-NII Band 3 | 5745 | 13.21 | 17.62 | 17.753 | 17.696 | 16.36 | 15.98 | | | | N/A | 30 | N/A |
| | 5785 | 10.69 | 17.60 | 17.671 | 17.697 | 16.17 | 16.07 | | | | | | |
| | 5825 | 11.60 | 17.24 | 16.516 | 17.666 | 16.13 | 16.03 | | | | | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11n-HT40 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm+1 0 log B) ^{Note 3} |
|----------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|---|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5190 | 42.05 | 40.71 | 36.001 | 36.027 | 15.74 | 15.62 | N/A | 24 | N/A | |
| | 5230 | 42.53 | 43.01 | 36.015 | 36.130 | 16.39 | 16.31 | | | | |
| U-NII Band 2A | 5270 | 41.71 | 42.92 | 36.063 | 36.097 | 16.47 | 16.25 | | | | 22.95 ^{Note 4} |
| | 5310 | 42.06 | 41.59 | 35.991 | 36.001 | 15.26 | 15.16 | | 27.19 | | |
| U-NII Band 2C | 5510 | 42.38 | 40.24 | 36.126 | 36.021 | 16.41 | 16.39 | | 27.05 | | |
| | 5550 | 41.48 | 41.85 | 36.067 | 36.074 | 16.62 | 16.42 | | 27.18 | | |
| | 5670 | 41.96 | 40.75 | 36.057 | 36.056 | 16.69 | 16.24 | | 27.10 | | |
| | 5710 | 41.55 | 40.03 | 36.035 | 36.116 | 16.61 | 16.52 | | 27.02 | | |
| Mode 802.11n-HT40 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm+1 0 log B) ^{Note 3} |
| | | Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 3 | 5755 | 30.14 | 30.63 | 35.937 | 36.057 | 16.48 | 16.31 | N/A | 30 | N/A | |
| | 5795 | 35.68 | 36.36 | 35.897 | 36.169 | 16.37 | 16.29 | | | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ac- VHT80 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
|-----------------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5210 | 85.19 | 82.63 | 75.166 | 75.007 | 12.05 | 11.68 | N/A | 14.88 | 24 | N/A |
| U-NII Band 2A | 5290 | 84.43 | 82.94 | 75.103 | 75.061 | 11.97 | 12.53 | | 15.27 | | 30.19 |
| U-NII Band 2C | 5530 | 86.55 | 82.46 | 75.091 | 74.996 | 13.04 | 13.49 | | 22.95 ^{Note 4} | 16.28 | 30.16 |
| | 5610 | 85.87 | 86.72 | 75.102 | 75.281 | 14.08 | 14.99 | 17.57 | | 30.34 | |
| | 5690 | 85.33 | 90.18 | 75.119 | 75.122 | 14.85 | 15.44 | 18.17 | | 30.31 | |
| Mode 802.11ac- VHT80 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
| Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | | | |
| Aux | Main | Aux | Main | | | | | | | | |
| U-NII Band 3 | 5775 | 71.44 | 51.55 | 75.036 | 75.071 | 14.25 | 15.77 | N/A | 18.09 | 30 | N/A |

| Mode 802.11ac- VHT160 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
|-----------------------------|------------------------------|------------------------------|--------|-----------------------------|--------|-------------------------------|-------|---|--|-------------------------|--|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1/2A | 5250 | 162.30 | 162.30 | 153.42 | 153.12 | 10.29 | 8.82 | N/A | 12.63 | 24 | 33.10 |
| U-NII Band 2C | 5570 | 164.30 | 161.90 | 153.42 | 153.62 | 12.51 | 12.16 | | 15.35 | 22.95 ^{Note 4} | 33.09 |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 - (7.05-6) = 22.95dBm

| Mode 802.11ax- HE20 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(1 dBm +10 log B) ^{Note 3} | | |
|---------------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|-------|-----|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | | | |
| | | Aux | Main | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5180 | 23.21 | 23.24 | 18.883 | 18.947 | 16.44 | 16.42 | N/A | 24 | N/A | | | |
| | 5200 | 23.76 | 23.00 | 18.937 | 18.941 | 16.35 | 16.32 | | | | | | |
| | 5240 | 23.35 | 22.93 | 18.906 | 18.937 | 16.29 | 16.28 | | | | | | |
| U-NII Band 2A | 5260 | 23.33 | 22.91 | 18.875 | 18.897 | 16.32 | 16.24 | | N/A | 24 | 24.60 | | |
| | 5300 | 23.18 | 23.30 | 18.846 | 18.931 | 16.23 | 16.21 | | | | | | |
| | 5320 | 22.94 | 22.27 | 18.880 | 18.958 | 16.24 | 16.22 | | | | | | |
| U-NII Band 2C | 5500 | 22.78 | 22.83 | 18.893 | 18.930 | 16.44 | 16.34 | | | N/A | 22.95 ^{Note 4} | 24.58 | |
| | 5580 | 23.21 | 22.65 | 18.871 | 18.909 | 16.25 | 16.20 | | | | | | |
| | 5700 | 23.80 | 22.97 | 18.890 | 18.850 | 16.37 | 16.35 | | | | | | |
| | 5720 | 23.61 | 22.40 | 18.935 | 18.912 | 16.50 | 16.37 | | | | | | |
| U-NII Band 3 | 5745 | 14.87 | 17.04 | 18.908 | 18.915 | 16.45 | 16.28 | | | | N/A | 30 | N/A |
| | 5785 | 16.62 | 18.44 | 18.881 | 18.936 | 16.24 | 16.18 | | | | | | |
| | 5825 | 10.01 | 18.33 | 18.941 | 18.845 | 16.25 | 16.17 | | | | | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ax- HE40 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
|---------------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5190 | 41.87 | 41.74 | 37.328 | 37.366 | 15.47 | 15.42 | N/A | 24 | N/A | |
| | 5230 | 41.30 | 42.17 | 37.541 | 37.391 | 16.37 | 16.32 | | | | |
| U-NII Band 2A | 5270 | 42.85 | 42.96 | 37.618 | 37.585 | 16.43 | 16.42 | | | | 22.95 ^{Note 4} |
| | 5310 | 40.97 | 41.23 | 37.463 | 37.493 | 15.11 | 15.05 | | 27.12 | | |
| U-NII Band 2C | 5510 | 40.21 | 40.73 | 37.503 | 37.605 | 16.20 | 16.14 | | 27.04 | | |
| | 5550 | 41.84 | 40.31 | 37.469 | 37.525 | 16.51 | 16.43 | | 27.05 | | |
| | 5670 | 42.27 | 41.80 | 37.477 | 37.437 | 16.50 | 16.35 | | 27.21 | | |
| | 5710 | 40.98 | 42.03 | 37.449 | 37.483 | 16.52 | 16.48 | | 27.13 | | |
| Mode 802.11ax- HE40 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note 3} |
| | | Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 3 | 5755 | 35.95 | 32.58 | 37.577 | 37.433 | 16.62 | 16.35 | N/A | 30 | N/A | |
| | 5795 | 26.23 | 34.47 | 37.516 | 37.415 | 16.45 | 16.42 | | | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ax- HE80 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note2} | Limit (dBm) | Limit(11dBm +10 log B) ^{Note3} |
|---------------------------|------------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|---|---|---|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5210 | 83.11 | 82.07 | 76.669 | 76.607 | 11.69 | 11.49 | N/A | 14.60 | 24 | N/A |
| U-NII Band 2A | 5290 | 83.29 | 80.81 | 76.515 | 76.675 | 12.10 | 12.24 | | 15.18 | | 30.07 |
| U-NII Band 2C | 5530 | 82.36 | 80.75 | 76.628 | 76.653 | 13.10 | 13.09 | | 16.11 | 22.95 ^{Note4} | 30.07 |
| | 5610 | 83.88 | 81.91 | 76.754 | 76.638 | 14.57 | 13.16 | | 16.93 | | 30.13 |
| | 5690 | 85.59 | 83.87 | 76.667 | 76.578 | 15.19 | 14.02 | | 17.65 | | 30.24 |
| Mode 802.11ax- HE80 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note2} | Limit (dBm) |
| | | Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 3 | 5775 | 60.77 | 62.54 | 76.487 | 76.875 | 15.69 | 14.76 | N/A | 18.26 | 30 | N/A |

| Mode 802.11ax- HE160 | Centre Frequency (MHz) | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note2} | Limit (dBm) | Limit(11dB m+10 log B) ^{Note3} |
|----------------------------|------------------------------|------------------------------|--------|-----------------------------|--------|-------------------------------|-------|---|---|------------------------|---|
| | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1/2A | 5250 | 162.60 | 162.30 | 154.53 | 154.69 | 8.65 | 9.90 | N/A | 12.33 | 24 | 33.10 |
| U-NII Band 2C | 5570 | 163.00 | 161.50 | 154.45 | 154.51 | 11.81 | 12.52 | | 15.19 | 22.95 ^{Note4} | 33.08 |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ax- HE20 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11dB m+10 log B) ^{Note 3} |
|---------------------------|------------------------------|---------------------|------------------------------|--------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|
| | | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5180 | 26/0 | 23.21 | 23.24 | 18.883 | 18.947 | 9.88 | 8.92 | N/A | 24 | N/A | |
| | | 52/37 | 23.21 | 23.24 | 18.883 | 18.947 | 13.26 | 12.14 | N/A | | | 15.75 |
| | | 106/53 | 23.21 | 23.24 | 18.883 | 18.947 | 15.78 | 14.84 | N/A | | | 18.35 |
| U-NII Band 2A | 5320 | 26/8 | 22.94 | 22.27 | 18.880 | 18.958 | 9.73 | 8.74 | N/A | 24 | 24.48 | |
| | | 52/40 | 22.94 | 22.27 | 18.880 | 18.958 | 13.12 | 12.13 | N/A | | | 15.66 |
| | | 106/54 | 22.94 | 22.27 | 18.880 | 18.958 | 15.37 | 14.52 | N/A | | | 17.98 |
| U-NII Band 2C | 5500 | 26/0 | 22.78 | 22.83 | 18.893 | 18.930 | 9.68 | 8.54 | N/A | 22.95 ^{Note 4} | 24.58 | |
| | | 52/37 | 22.78 | 22.83 | 18.893 | 18.930 | 13.15 | 11.88 | N/A | | | 15.57 |
| | | 106/53 | 22.78 | 22.83 | 18.893 | 18.930 | 14.95 | 13.70 | N/A | | | 17.38 |
| | 5700 | 26/8 | 23.80 | 22.97 | 18.890 | 18.850 | 9.67 | 7.75 | N/A | | | 11.83 |
| | | 52/40 | 23.80 | 22.97 | 18.890 | 18.850 | 13.14 | 11.06 | N/A | | | 15.23 |
| | | 106/54 | 23.80 | 22.97 | 18.890 | 18.850 | 15.89 | 13.77 | N/A | | | 17.97 |
| U-NII Band 3 | 5745 | 26/0 | 14.87 | 17.04 | 18.908 | 18.915 | 15.51 | 13.06 | N/A | 30 | N/A | |
| | | 52/37 | 14.87 | 17.04 | 18.908 | 18.915 | 13.15 | 10.84 | N/A | | | 15.16 |
| | | 106/53 | 14.87 | 17.04 | 18.908 | 18.915 | 16.45 | 14.06 | N/A | | | 18.43 |
| 5825 | 26/8 | 10.01 | 18.33 | 18.941 | 18.845 | 15.37 | 12.54 | N/A | 17.19 | | | |
| | 52/40 | 10.01 | 18.33 | 18.941 | 18.845 | 13.32 | 10.23 | N/A | 15.05 | | | |
| | 106/54 | 10.01 | 18.33 | 18.941 | 18.845 | 16.28 | 13.55 | N/A | 18.14 | | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ax- HE40 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11 d Bm+10 log B) ^{Note 3} |
|---------------------------|------------------------------|---------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|---|
| | | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5190 | 242/61 | 41.87 | 41.74 | 37.328 | 37.366 | 16.16 | 15.27 | N/A | 18.75 | 24 | N/A |
| U-NII Band 2A | 5310 | 242/62 | 40.97 | 41.23 | 37.463 | 37.493 | 15.87 | 15.03 | | 18.48 | 27.12 | |
| U-NII Band 2C | 5510 | 242/61 | 40.21 | 40.73 | 37.503 | 37.605 | 16.32 | 15.16 | | 18.79 | 22.95 | 27.04 |
| | 5670 | 242/62 | 42.27 | 41.80 | 37.477 | 37.437 | 16.39 | 14.55 | 18.58 | ^{Note 4} 27.21 | | |
| Mode 802.11ax- HE40 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11 d Bm+10 log B) ^{Note 3} |
| | | | Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 3 | 5755 | 242/61 | 35.95 | 32.58 | 37.577 | 37.433 | 14.43 | 12.13 | N/A | 16.44 | 30 | N/A |
| | 5795 | 242/62 | 26.23 | 34.47 | 37.516 | 37.415 | 14.23 | 11.81 | | 16.20 | | |

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

2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

3. B is the 26 dB emission bandwidth.

4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

| Mode 802.11ax- HE80 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11d Bm+10 log B) ^{Note 3} |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------|-----------------------------|--------|-------------------------------|-------|---|--|-------------------|--|
| | | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1 | 5210 | 484/65 | 83.11 | 82.07 | 76.669 | 76.607 | 14.50 | 13.28 | N/A | 16.94 | 24 | N/A |
| U-NII Band 2A | 5290 | 484/66 | 83.29 | 80.81 | 76.515 | 76.675 | 12.17 | 11.28 | | 14.76 | 30.07 | |
| U-NII Band 2C | 5530 | 484/65 | 82.36 | 80.75 | 76.628 | 76.653 | 15.60 | 14.26 | | 17.99 | 22.95 | 30.07 |
| | 5610 | 484/66 | 83.88 | 81.91 | 76.754 | 76.638 | 14.67 | 13.03 | | 16.94 | ^{Note 4} | 30.13 |
| Mode 802.11ax- HE80 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11d Bm+10 log B) ^{Note 3} |
| Emission (6dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | | | | |
| Aux | Main | Aux | Main | | | | | | | | | |
| U-NII Band 3 | 5775 | 484/65 | 60.77 | 62.54 | 76.487 | 76.875 | 15.02 | 12.60 | N/A | 16.99 | 30 | N/A |
| | | 484/66 | 60.77 | 62.54 | 76.487 | 76.875 | 14.45 | 11.83 | | 16.34 | | |

| Mode 802.11ax- HE160 | Centre Frequency (MHz) | RU Configuration | Bandwidth(MHz) | | | | Average Output Power (dBm) | | Duty Cycle Factor (dB) 10log(1/X) | Total Average Output Power (dBm) ^{Note 2} | Limit (dBm) | Limit(11d Bm+10 log B) ^{Note 3} |
|----------------------------|------------------------------|---------------------|------------------------------|--------|-----------------------------|--------|-------------------------------|-------|---|--|----------------|--|
| | | | Emission (26dB) Bandwidth | | Occupied (99%) Bandwidth | | Aux | Main | | | | |
| | | | Aux | Main | Aux | Main | | | | | | |
| U-NII Band 1/2A | 5250 | 996/97 | 162.60 | 162.30 | 154.53 | 154.69 | 11.59 | 12.50 | N/A | 15.08 | 24 | 33.10 |
| | | 996/S67 | 162.60 | 162.30 | 154.53 | 154.69 | 10.61 | 10.85 | | 13.74 | | 33.10 |
| U-NII Band 2C | 5570 | 996/97 | 163.00 | 161.50 | 154.45 | 154.51 | 12.68 | 12.57 | | 15.64 | 22.95 | 33.08 |
| | | 996/S67 | 163.00 | 161.50 | 154.45 | 154.51 | 14.49 | 14.77 | | 17.64 | | |

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

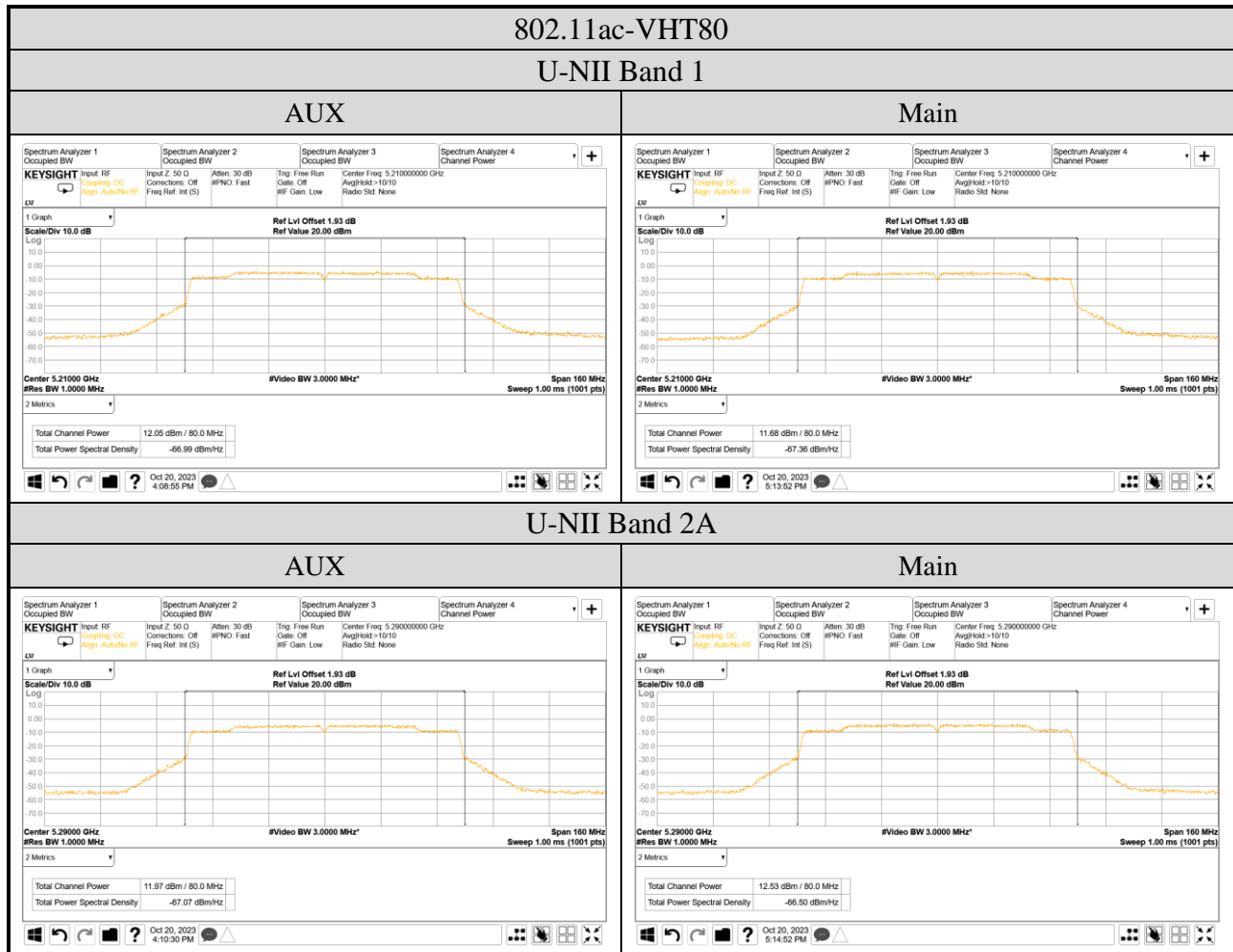
2. According to KDB 662911 D01 E)1), Total average output power(dBm) = Sum to individual output power (dBm)+ duty cycle factor(dB) when duty cycle is less than 98%, please refer to section 3.7.

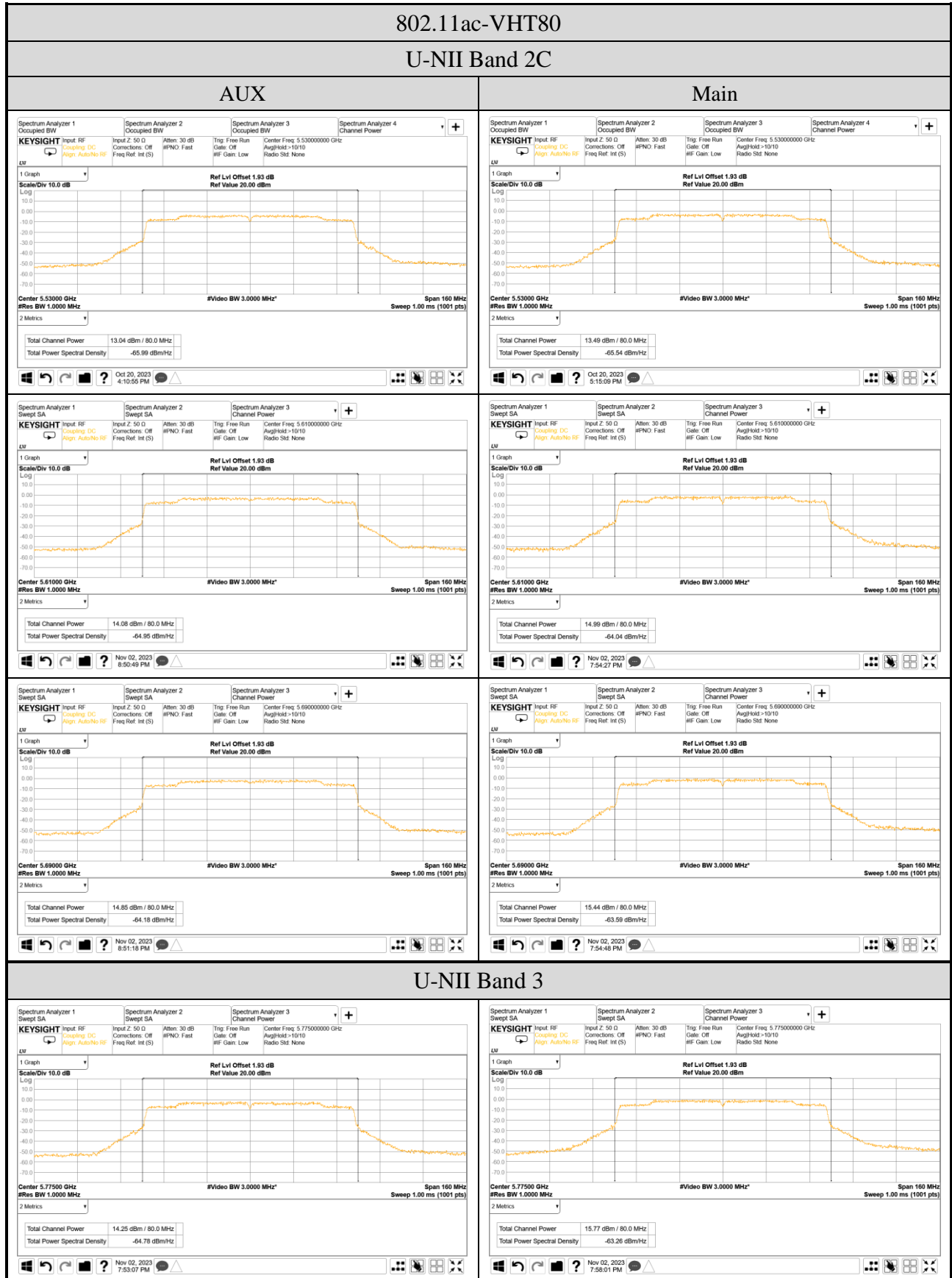
3. B is the 26 dB emission bandwidth.

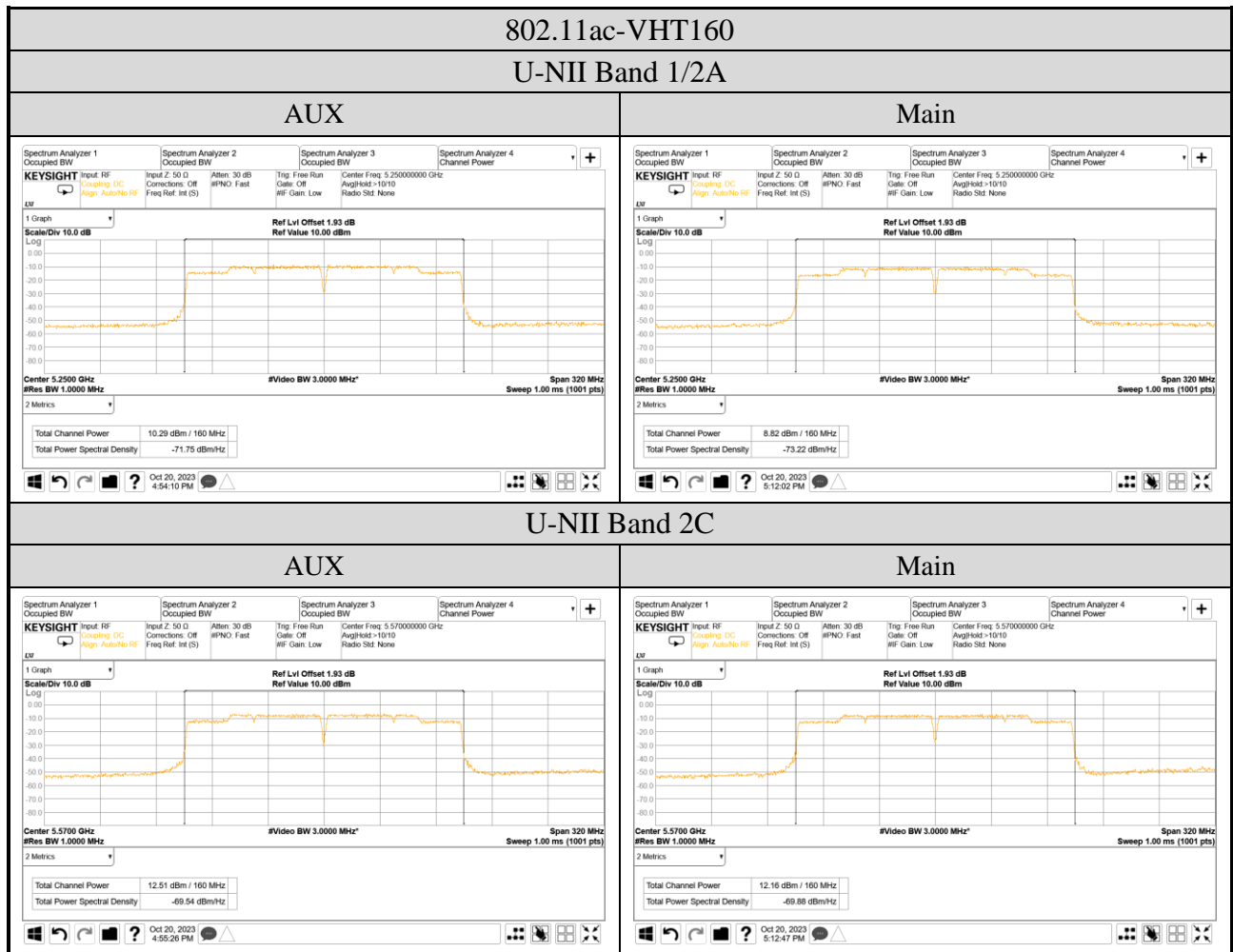
4. UNII Band 2C: Directional gain is 7.05dBi > 6dBi, the Limit is 24 – (7.05-6) = 22.95dBm

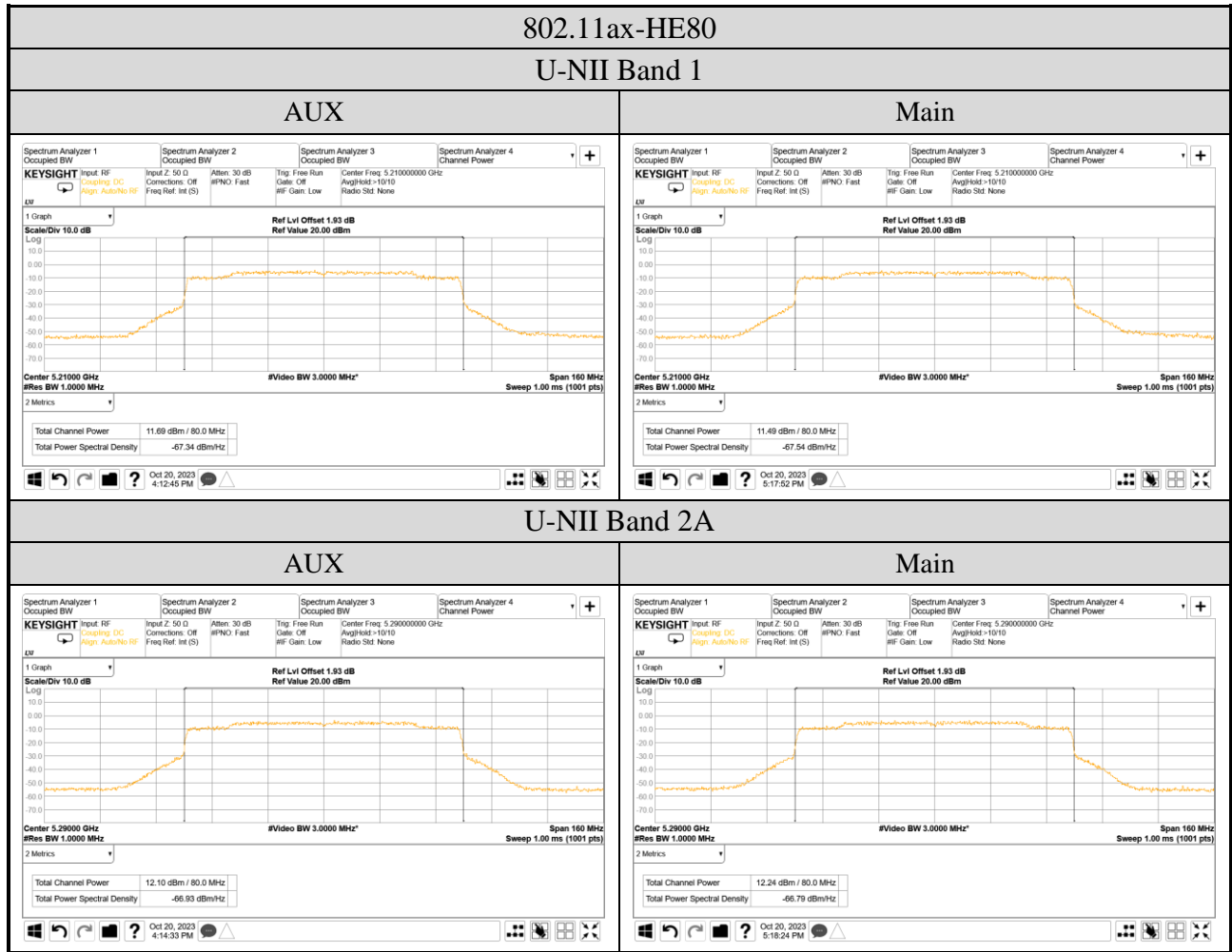
A.3.2 Measurement Plots

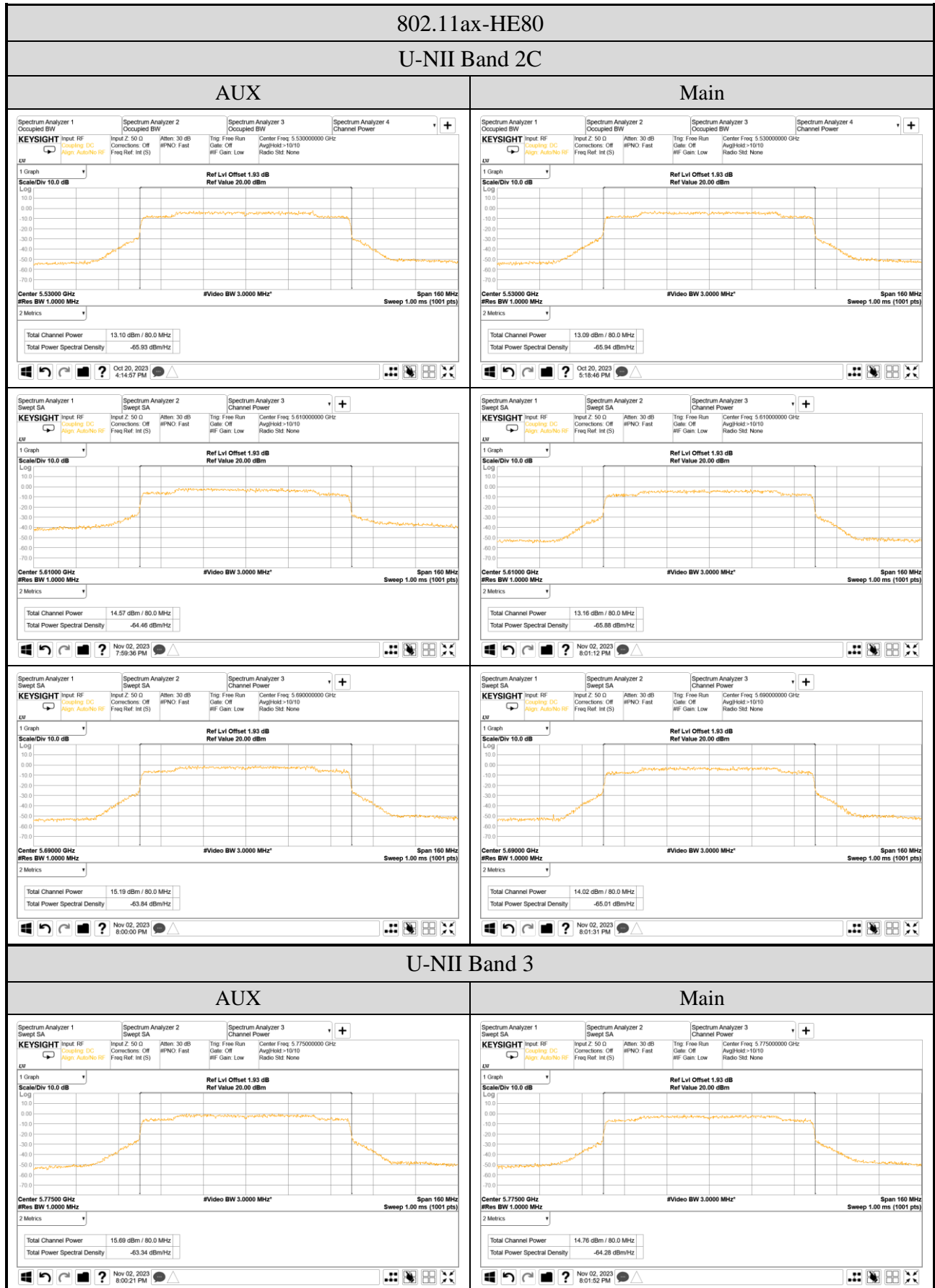
- Maximum Output Power

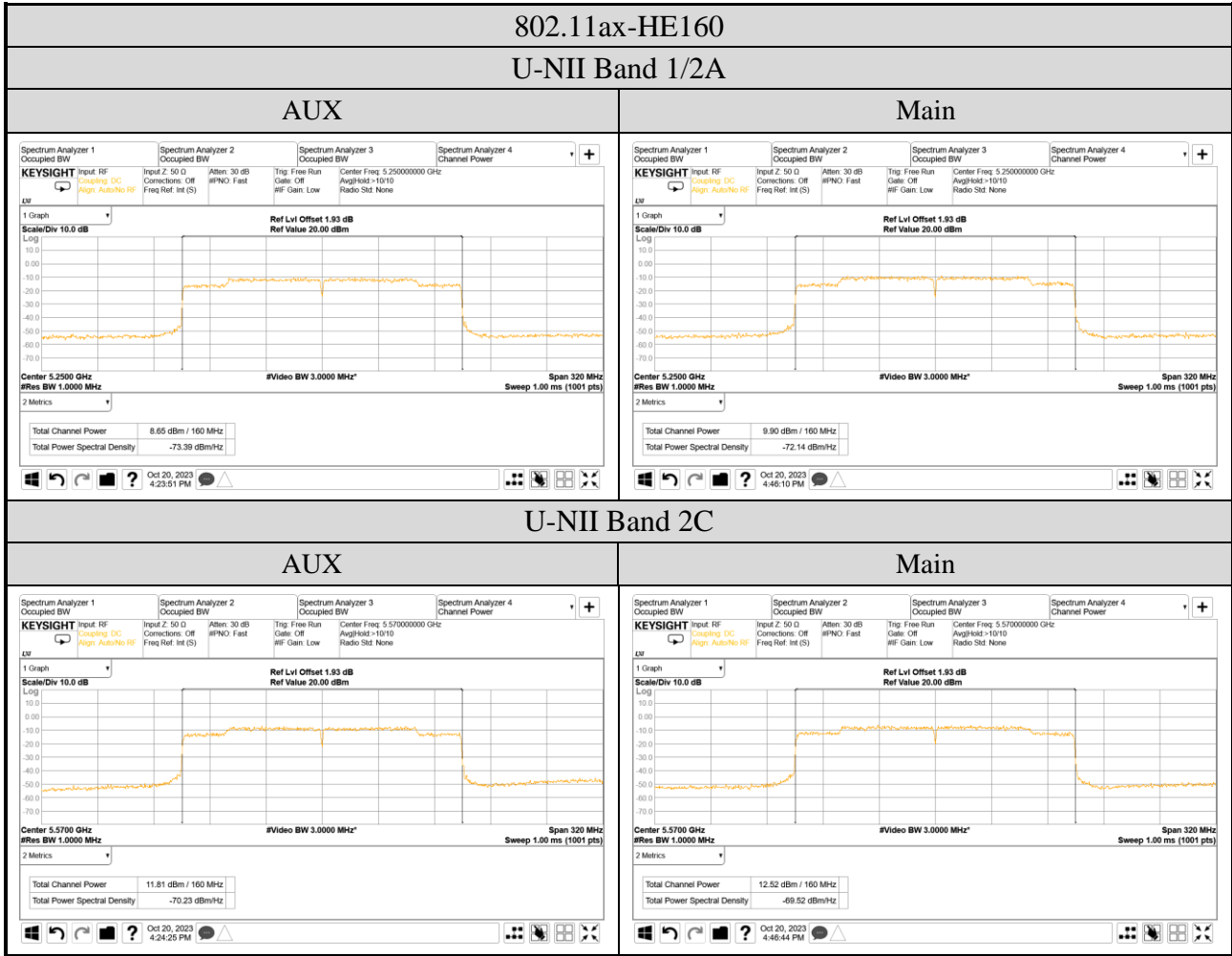


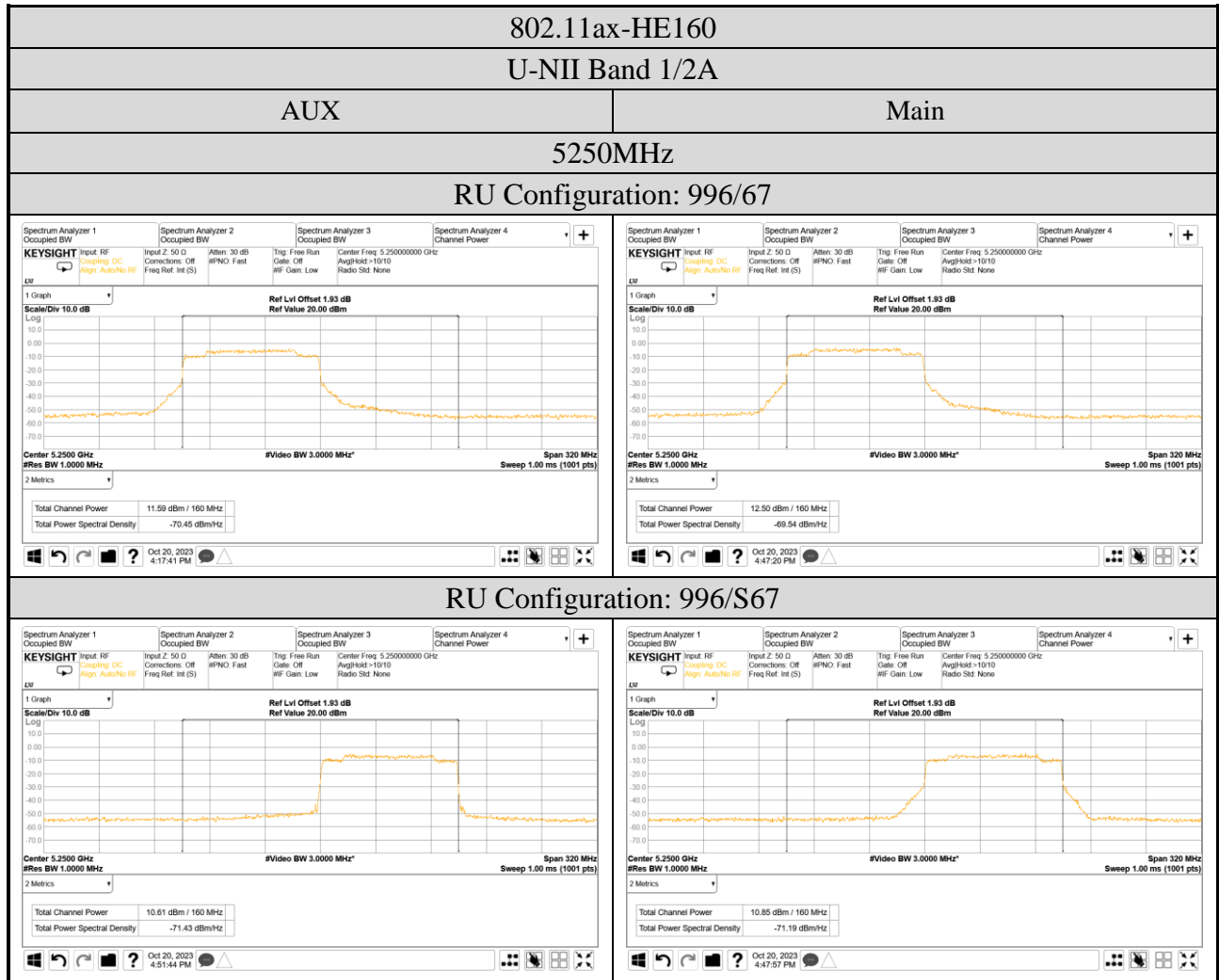


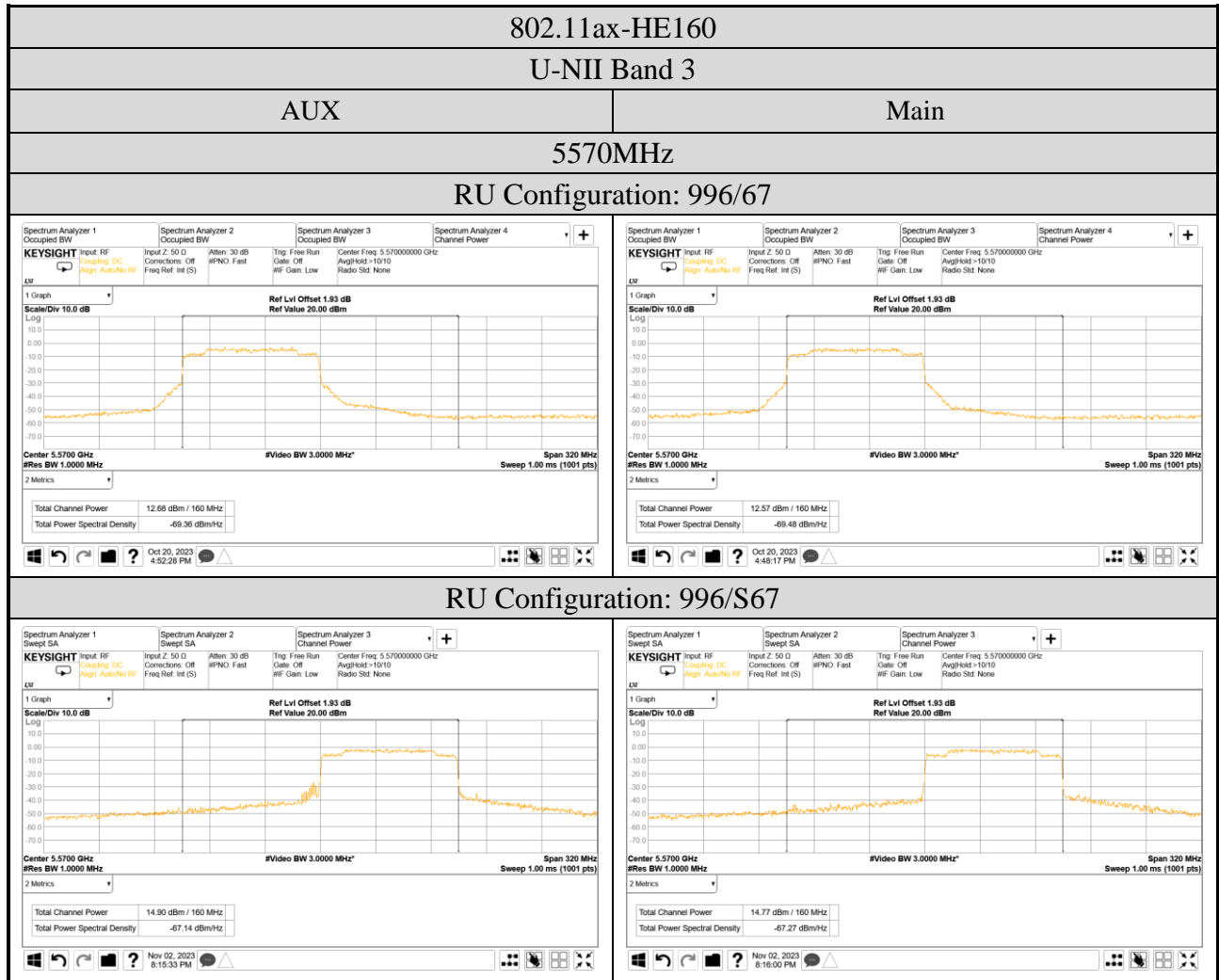












● Emission (26dB) Bandwidth (U-NII Band 1~2C)

