

## A.3 MAXIMUM CONDUCTED OUTPUT POWER

|              |                               |            |             |
|--------------|-------------------------------|------------|-------------|
| Test Date    | 2022/05/26 ~ 06/09            | Temp./Hum. | 22°C/68%    |
| Cable Loss   | 1.5dB                         | Tested By  | Brian Hsieh |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) |            |             |

### A.3.1 Conducted Output Power Result

#### SKU#1 (with INPAQ Antenna)

| Mode          | U-NII Band | Centre Frequency (MHz) | Average Conducted Output Power (dBm) |              | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | Directional Gain (dBi)<br>Note 4 | Total E.I.R.P (dBm)<br>Note 2 | Limit (dBm) |
|---------------|------------|------------------------|--------------------------------------|--------------|---|----------------------------------|-------------------------------|-------------|
|               |            |                        | ANT A (AUX)                          | ANT B (Main) |   |                                  |                               |             |
| 802.11ax-HE20 | 5          | 5955                   | 1.94                                 | 2.38         | N/A                                       | 3.760                            | <b>8.94</b>                   | 24          |
|               |            | 6175                   | 1.85                                 | 2.21         |   | 3.760                            | 8.80                          |             |
|               |            | 6415                   | 1.95                                 | 2.06         |   | 3.670                            | 8.69                          |             |
|               | 6          | 6435                   | 1.70                                 | 1.93         |   | 3.670                            | 8.50                          |             |
|               |            | 6475                   | 1.82                                 | 1.95         |   | 3.670                            | <b>8.57</b>                   |             |
|               |            | 6515                   | 1.80                                 | 1.96         |   | 3.670                            | 8.56                          |             |
|               | 7          | 6535                   | -1.53                                | -1.08        |   | 3.670                            | 5.38                          |             |
|               |            | 6695                   | -0.30                                | -0.45        |   | 3.670                            | 6.31                          |             |
|               |            | 6855                   | -0.07                                | 0.45         |   | 3.670                            | <b>6.88</b>                   |             |
|               | 8          | 6875                   | 0.30                                 | 0.95         |   | 3.670                            | <b>7.32</b>                   |             |
|               |            | 6995                   | 0.39                                 | -0.10        |   | 3.670                            | 6.83                          |             |
|               |            | 7115                   | -5.11                                | -5.45        |   | 3.350                            | 1.08                          |             |
| 802.11ax-HE40 | 5          | 5965                   | 5.03                                 | 4.82         | N/A                                       | 3.760                            | 11.70                         | 24          |
|               |            | 6165                   | 5.29                                 | 5.23         |   | 3.760                            | <b>12.03</b>                  |             |
|               |            | 6405                   | 4.74                                 | 5.41         |   | 3.670                            | 11.77                         |             |
|               | 6          | 6445                   | 5.45                                 | 4.69         |   | 3.670                            | 11.77                         |             |
|               |            | 6485                   | 5.39                                 | 5.04         |   | 3.670                            | <b>11.90</b>                  |             |
|               |            | 6525                   | 5.42                                 | 4.78         |   | 3.670                            | <b>11.79</b>                  |             |
|               | 7          | 6685                   | 4.43                                 | 4.00         |   | 3.670                            | 10.90                         |             |
|               |            | 6845                   | 4.41                                 | 4.09         |   | 3.670                            | 10.93                         |             |
|               |            | 6885                   | 4.29                                 | 4.29         |   | 3.670                            | 10.97                         |             |
|               | 8          | 7005                   | 4.50                                 | 4.43         |   | 3.670                            | <b>11.15</b>                  |             |
|               |            | 7085                   | 4.25                                 | 4.30         |   | 3.350                            | 10.64                         |             |

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

2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional gain.

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi

Directional gain: 5925MHz:  $10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$  /

6525MHz:  $10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi}$  / 7125MHz:  $10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode           | U-NII Band | Centre Frequency (MHz) | Average Conducted Output Power (dBm) |              | Duty Cycle Factor $10\log(1/X)$ <small>Note 3</small> | Directional Gain (dBi) <small>Note 4</small> | Total E.I.R.P (dBm) <small>Note 2</small> | Limit (dBm) |
|----------------|------------|------------------------|--------------------------------------|--------------|---|--|---|-------------|
|                |            |                        | ANT A (AUX)                          | ANT B (Main) |   |  |   |             |
| 802.11ax-HE80  | 5          | 5985                   | 6.94                                 | 6.82         | N/A   | 3.760  | 13.65                                     | 24          |
|                |            | 6145                   | 7.08                                 | 6.95         |   | 3.760  | <b>13.79</b>                              |             |
|                |            | 6385                   | 7.07                                 | 6.67         |   | 3.670  | 13.55                                     |             |
|                | 6          | 6465                   | 7.48                                 | 6.46         |   | 3.670  | <b>13.68</b>                              |             |
|                |            | 6545                   | 6.90                                 | 6.42         |   | 3.670  | 13.35                                     |             |
|                |            | 6625                   | 5.84                                 | 5.13         |   | 3.670  | 12.18                                     |             |
|                | 7          | 6705                   | 6.13                                 | 5.21         |   | 3.670  | <b>12.37</b>                              |             |
|                |            | 6785                   | 5.91                                 | 5.17         |   | 3.670  | 12.24                                     |             |
|                |            | 6865                   | 5.95                                 | 5.18         |   | 3.670  | 12.26                                     |             |
|                | 8          | 6945                   | 6.11                                 | 5.82         |   | 3.670  | <b>12.65</b>                              |             |
|                |            | 7025                   | 6.38                                 | 5.59         |   | 3.350  | 12.36                                     |             |
|                |            | 6025                   | 9.59                                 | 9.85         |   | 3.760  | 16.49                                     |             |
| 802.11ax-HE160 | 5          | 6185                   | 9.78                                 | 9.91         | N/A   | 3.760  | 16.62                                     | 24          |
|                |            | 6345                   | 9.98                                 | 10.19        |   | 3.670  | <b>16.77</b>                              |             |
|                |            | 6505                   | 10.03                                | 9.80         |   | 3.670  | <b>16.60</b>                              |             |
|                | 7          | 6665                   | 8.42                                 | 8.81         |   | 3.670  | 15.30                                     |             |
|                |            | 6825                   | 8.85                                 | 8.78         |   | 3.670  | <b>15.50</b>                              |             |
|                | 8          | 6985                   | 9.10                                 | 8.65         |   | 3.350  | <b>15.24</b>                              |             |

- Note: 1. All results have been included cable loss.  
 2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional gain.  
 3. Duty cycle factor is not applicable for duty cycle > 98%.  
 4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain: 5925MHz:  $10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$  /  
 6525MHz:  $10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi}$  / 7125MHz:  $10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$   
 The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**SKU#2 (with LUXSHARE-ICT Antenna)**

| Mode          | U-NII Band | Centre Frequency (MHz) | Average Conducted Output Power (dBm) |              | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | Directional Gain (dBi)<br>Note 4 | Total E.I.R.P (dBm)<br>Note 2 | Limit (dBm) |
|---------------|------------|------------------------|--------------------------------------|--------------|---|----------------------------------|-------------------------------|-------------|
|               |            |                        | ANT A (AUX)                          | ANT B (Main) |   |                                  |                               |             |
| 802.11ax-HE20 | 5          | 5955                   | 1.94                                 | 2.38         | N/A                                       | 3.890                            | <b>9.07</b>                   | 24          |
|               |            | 6175                   | 1.85                                 | 2.21         |   | 3.890                            | 8.93                          |             |
|               |            | 6415                   | 1.95                                 | 2.06         |   | 2.480                            | 7.50                          |             |
|               | 6          | 6435                   | 1.70                                 | 1.93         |   | 2.480                            | 7.31                          |             |
|               |            | 6475                   | 1.82                                 | 1.95         |   | 2.480                            | <b>7.38</b>                   |             |
|               |            | 6515                   | 1.80                                 | 1.96         |   | 2.480                            | 7.37                          |             |
|               | 7          | 6535                   | -1.53                                | -1.08        |   | 2.480                            | 4.19                          |             |
|               |            | 6695                   | -0.30                                | -0.45        |   | 2.480                            | 5.12                          |             |
|               |            | 6855                   | -0.07                                | 0.45         |   | 2.480                            | <b>5.69</b>                   |             |
|               | 8          | 6875                   | 0.30                                 | 0.95         |   | 2.480                            | <b>6.13</b>                   |             |
|               |            | 6995                   | 0.39                                 | -0.10        |   | 2.480                            | 5.64                          |             |
|               |            | 7115                   | -5.11                                | -5.45        |   | -2.940                           | -5.21                         |             |
| 802.11ax-HE40 | 5          | 5965                   | 5.03                                 | 4.82         | N/A                                       | 3.890                            | 11.83                         | 24          |
|               |            | 6165                   | 5.29                                 | 5.23         |   | 3.890                            | <b>12.16</b>                  |             |
|               |            | 6405                   | 4.74                                 | 5.41         |   | 2.480                            | 10.58                         |             |
|               | 6          | 6445                   | 5.45                                 | 4.69         |   | 2.480                            | 10.58                         |             |
|               |            | 6485                   | 5.39                                 | 5.04         |   | 2.480                            | <b>10.71</b>                  |             |
|               | 7          | 6525                   | 5.42                                 | 4.78         |   | 2.480                            | <b>10.60</b>                  |             |
|               |            | 6685                   | 4.43                                 | 4.00         |   | 2.480                            | 9.71                          |             |
|               |            | 6845                   | 4.41                                 | 4.09         |   | 2.480                            | 9.74                          |             |
|               | 8          | 6885                   | 4.29                                 | 4.29         |   | 2.480                            | 9.78                          |             |
|               |            | 7005                   | 4.50                                 | 4.43         |   | 2.480                            | <b>9.96</b>                   |             |
|               |            | 7085                   | 4.25                                 | 4.30         |   | -2.940                           | 4.35                          |             |

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

2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional gain.

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode           | U-NII Band | Centre Frequency (MHz) | Average Conducted Output Power (dBm) |              | Duty Cycle Factor $10\log(1/X)$ Note 3 | Directional Gain (dBi) Note 4 | Total E.I.R.P (dBm) Note 2 | Limit (dBm) |
|----------------|------------|------------------------|--------------------------------------|--------------|--|-------------------------------|----------------------------|-------------|
|                |            |                        | ANT A (AUX)                          | ANT B (Main) |  |                               |                            |             |
| 802.11ax-HE80  | 5          | 5985                   | 6.94                                 | 6.82         | N/A                                    | 3.890                         | 13.78                      | 24          |
|                |            | 6145                   | 7.08                                 | 6.95         |  | 3.890                         | <b>13.92</b>               |             |
|                |            | 6385                   | 7.07                                 | 6.67         |  | 2.480                         | 12.36                      |             |
|                | 6          | 6465                   | 7.48                                 | 6.46         |  | 2.480                         | <b>12.49</b>               |             |
|                |            | 6545                   | 6.90                                 | 6.42         |  | 2.480                         | 12.16                      |             |
|                |            | 6625                   | 5.84                                 | 5.13         |  | 2.480                         | 10.99                      |             |
|                | 7          | 6705                   | 6.13                                 | 5.21         |  | 2.480                         | <b>11.18</b>               |             |
|                |            | 6785                   | 5.91                                 | 5.17         |  | 2.480                         | 11.05                      |             |
|                |            | 6865                   | 5.95                                 | 5.18         |  | 2.480                         | 11.07                      |             |
|                | 8          | 6945                   | 6.11                                 | 5.82         |  | 2.480                         | <b>11.46</b>               |             |
|                |            | 7025                   | 6.38                                 | 5.59         |  | -2.940                        | 6.07                       |             |
|                |            |                        |                                      |              |  |                               |                            |             |
| 802.11ax-HE160 | 5          | 6025                   | 9.59                                 | 9.85         | N/A                                    | 3.890                         | 16.62                      | 24          |
|                |            | 6185                   | 9.78                                 | 9.91         |  | 3.890                         | <b>16.75</b>               |             |
|                |            | 6345                   | 9.98                                 | 10.19        |  | 2.480                         | 15.58                      |             |
|                | 6505       | 10.03                  | 9.80                                 | 2.480        |  | <b>15.41</b>                  |                            |             |
|                | 7          | 6665                   | 8.42                                 | 8.81         |  | 2.480                         | 14.11                      |             |
|                |            | 6825                   | 8.85                                 | 8.78         |  | 2.480                         | <b>14.31</b>               |             |
|                | 8          | 6985                   | 9.10                                 | 8.65         |  | -2.940                        | <b>8.95</b>                |             |

- Note: 1. All results have been included cable loss.  
2. Total E.I.R.P = Average Conducted Output Power ANT A (AUX) + Average Conducted Output Power ANT B (Main) + Duty Cycle Factor + Directional gain.  
3. Duty cycle factor is not applicable for duty cycle > 98%.  
4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
Directional gain: 5925MHz:  $10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$  /  
6525MHz:  $10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi}$  / 7125MHz:  $10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$   
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

● OFDMA Modulation  
**SKU#1 (with INPAQ Antenna)**  
**Tones: 26T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 4  |              |                                     | RU Index 8  |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -7.49                                | -6.75        | 0.123                               | -7.13       | -6.02        | 0.123                               | -7.21       | -6.98        | 0.123                               | 3.76                          | 0.35                  |
|               |            | 6175                   |       | -7.47                                | -6.22        | 0.123                               | -7.51       | -6.23        | 0.123                               | -7.03       | -6.50        | 0.123                               | 3.76                          | 0.14                  |
|               |            | 6415                   |       | -8.64                                | -7.92        | 0.123                               | -8.56       | -7.69        | 0.123                               | -8.59       | -8.49        | 0.123                               | 3.67                          | -1.30                 |
|               | 6          | 6435                   |       | -7.73                                | -7.20        | 0.123                               | -7.37       | -7.42        | 0.123                               | -8.03       | -8.25        | 0.123                               | 3.67                          | -0.59                 |
|               |            | 6475                   |       | -8.16                                | -8.50        | 0.123                               | -7.97       | -8.12        | 0.123                               | -8.51       | -8.19        | 0.123                               | 3.67                          | -1.24                 |
|               |            | 6515                   |       | -8.95                                | -8.34        | 0.123                               | -8.71       | -7.87        | 0.123                               | -8.50       | -8.32        | 0.123                               | 3.67                          | -1.47                 |
|               | 7          | 6535                   |       | -9.06                                | -9.65        | 0.123                               | -9.51       | -9.32        | 0.123                               | -9.52       | -9.67        | 0.123                               | 3.67                          | -2.54                 |
|               |            | 6695                   |       | -8.95                                | -8.76        | 0.123                               | -8.50       | -8.07        | 0.123                               | -8.94       | -8.68        | 0.123                               | 3.67                          | -1.48                 |
|               |            | 6855                   |       | -8.25                                | -7.98        | 0.123                               | -8.28       | -7.60        | 0.123                               | -8.46       | -7.91        | 0.123                               | 3.67                          | -1.12                 |
|               | 8          | 6875                   |       | -8.16                                | -7.96        | 0.123                               | -8.93       | -7.46        | 0.123                               | -8.41       | -8.13        | 0.123                               | 3.67                          | -1.26                 |
|               |            | 6995                   |       | -7.49                                | -8.03        | 0.123                               | -7.37       | -7.18        | 0.123                               | -7.76       | -7.44        | 0.123                               | 3.67                          | -0.47                 |
|               |            | 7115                   |       | -8.27                                | -7.64        | 0.123                               | -7.77       | -7.70        | 0.123                               | -8.44       | -7.84        | 0.123                               | 3.35                          | -1.25                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 8  |              |                                     | RU Index 17 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -7.60                                | -6.58        | 0.141                               | -7.51       | -6.99        | 0.141                               | -6.91       | -6.72        | 0.141                               | 3.76                          | 0.10                  |
|               |            | 6165                   |       | -7.81                                | -6.71        | 0.141                               | -7.93       | -6.71        | 0.141                               | -7.40       | -6.97        | 0.141                               | 3.76                          | -0.27                 |
|               |            | 6405                   |       | -7.66                                | -7.80        | 0.141                               | -8.66       | -7.70        | 0.141                               | -8.46       | -7.77        | 0.141                               | 3.67                          | -0.91                 |
|               | 6          | 6445                   |       | -7.61                                | -7.18        | 0.141                               | -8.05       | -7.22        | 0.141                               | -8.42       | -7.66        | 0.141                               | 3.67                          | -0.57                 |
|               |            | 6485                   |       | -7.90                                | -7.09        | 0.141                               | -7.98       | -7.52        | 0.141                               | -7.70       | -7.70        | 0.141                               | 3.67                          | -0.65                 |
|               | 7          | 6525                   |       | -7.89                                | -8.04        | 0.141                               | -8.40       | -7.74        | 0.141                               | -8.60       | -8.28        | 0.141                               | 3.67                          | -1.14                 |
|               |            | 6685                   |       | -9.09                                | -8.94        | 0.141                               | -8.70       | -8.15        | 0.141                               | -8.84       | -8.73        | 0.141                               | 3.67                          | -1.59                 |
|               |            | 6845                   |       | -8.33                                | -8.05        | 0.141                               | -9.22       | -7.62        | 0.141                               | -8.89       | -8.29        | 0.141                               | 3.67                          | -1.37                 |
|               | 8          | 6885                   |       | -8.82                                | -7.97        | 0.141                               | -8.96       | -8.27        | 0.141                               | -8.71       | -8.28        | 0.141                               | 3.67                          | -1.55                 |
|               |            | 7005                   |       | -8.37                                | -8.06        | 0.141                               | -8.52       | -8.05        | 0.141                               | -8.21       | -7.60        | 0.141                               | 3.67                          | -1.07                 |
|               |            | 7085                   |       | -8.08                                | -8.06        | 0.141                               | -8.43       | -7.47        | 0.141                               | -8.23       | -7.09        | 0.141                               | 3.35                          | -1.12                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 18 |              |                                     | RU Index 36 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -7.39                                | -6.58        | 0.123                               | -6.56       | -6.55        | 0.123                               | -7.45       | -7.19        | 0.123                               | 3.76                          | 0.34                  |
|               |            | 6145                   |       | -7.71                                | -7.78        | 0.123                               | -6.57       | -6.41        | 0.123                               | -8.05       | -7.81        | 0.123                               | 3.76                          | 0.40                  |
|               |            | 6385                   |       | -7.51                                | -7.53        | 0.123                               | -7.43       | -7.32        | 0.123                               | -8.27       | -7.57        | 0.123                               | 3.67                          | -0.57                 |
|               | 6          | 6465                   |       | -7.92                                | -7.37        | 0.123                               | -7.64       | -7.23        | 0.123                               | -8.52       | -7.37        | 0.123                               | 3.67                          | -0.63                 |
|               |            | 6545                   |       | -8.08                                | -7.85        | 0.123                               | -8.52       | -7.58        | 0.123                               | -9.36       | -8.38        | 0.123                               | 3.67                          | -1.16                 |
|               |            | 6625                   |       | -9.68                                | -8.13        | 0.123                               | -8.92       | -7.61        | 0.123                               | -8.71       | -8.51        | 0.123                               | 3.67                          | -1.41                 |
|               | 7          | 6705                   |       | -9.26                                | -8.78        | 0.123                               | -8.62       | -8.21        | 0.123                               | -9.40       | -8.23        | 0.123                               | 3.67                          | -1.61                 |
|               |            | 6785                   |       | -8.65                                | -8.14        | 0.123                               | -7.49       | -7.22        | 0.123                               | -8.13       | -8.08        | 0.123                               | 3.67                          | -0.55                 |
|               |            | 6865                   |       | -8.01                                | -7.66        | 0.123                               | -8.06       | -7.54        | 0.123                               | -8.53       | -8.33        | 0.123                               | 3.67                          | -0.99                 |
|               | 8          | 6945                   |       | -8.05                                | -6.60        | 0.123                               | -6.99       | -6.49        | 0.123                               | -7.68       | -7.57        | 0.123                               | 3.67                          | 0.07                  |
|               |            | 7025                   |       | -8.18                                | -6.75        | 0.123                               | -7.32       | -6.86        | 0.123                               | -8.58       | -7.93        | 0.123                               | 3.35                          | -0.60                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 0                           |              |                                     | RU Index 18 |              |                                     | RU Index 36 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.98                                | -7.61        | 0.141                               | -6.72       | -6.40        | 0.141                               | -7.07       | -6.95        | 0.141                               | 3.76                          | 0.35                  |
|                      |            | 6185                   |       | -8.51                                | -8.14        | 0.141                               | -6.86       | -7.39        | 0.141                               | -7.48       | -7.41        | 0.141                               | 3.76                          | -0.21                 |
|                      |            | 6345                   |       | -8.53                                | -9.09        | 0.141                               | -7.24       | -7.30        | 0.141                               | -8.49       | -7.02        | 0.141                               | 3.67                          | -0.45                 |
|                      | 6          | 6505                   |       | -9.42                                | -9.30        | 0.141                               | -8.39       | -7.96        | 0.141                               | -8.05       | -7.79        | 0.141                               | 3.67                          | -1.10                 |
|                      |            | 6665                   |       | -11.15                               | -10.23       | 0.141                               | -9.30       | -9.08        | 0.141                               | -9.14       | -8.62        | 0.141                               | 3.67                          | -2.05                 |
|                      | 7          | 6825                   |       | -9.64                                | -10.21       | 0.141                               | -8.17       | -8.75        | 0.141                               | -8.11       | -7.56        | 0.141                               | 3.67                          | -1.00                 |
|                      |            | 6985                   |       | -8.63                                | -8.41        | 0.141                               | -7.63       | -7.26        | 0.141                               | -8.01       | -7.19        | 0.141                               | 3.35                          | -0.94                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S0                          |              |                                     | RU Index S18 |              |                                     | RU Index S36 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -7.01                                | -7.10        | 0.141                               | -6.93        | -6.48        | 0.141                               | -7.94        | -8.50        | 0.141                               | 3.76                          | 0.21                  |
|                      |            | 6185                   |       | -7.20                                | -7.44        | 0.141                               | -6.91        | -7.44        | 0.141                               | -8.83        | -8.50        | 0.141                               | 3.76                          | -0.26                 |
|                      |            | 6345                   |       | -8.25                                | -7.46        | 0.141                               | -8.12        | -8.14        | 0.141                               | -9.64        | -9.08        | 0.141                               | 3.67                          | -1.02                 |
|                      | 6          | 6505                   |       | -8.05                                | -7.98        | 0.141                               | -8.81        | -8.05        | 0.141                               | -9.79        | -9.86        | 0.141                               | 3.67                          | -1.19                 |
|                      |            | 6665                   |       | -8.89                                | -8.80        | 0.141                               | -9.40        | -9.37        | 0.141                               | -10.52       | -10.78       | 0.141                               | 3.67                          | -2.02                 |
|                      | 7          | 6825                   |       | -8.02                                | -7.82        | 0.141                               | -7.94        | -8.55        | 0.141                               | -9.69        | -10.11       | 0.141                               | 3.67                          | -1.10                 |
|                      |            | 6985                   |       | -7.78                                | -7.47        | 0.141                               | -7.50        | -7.40        | 0.141                               | -9.60        | -9.15        | 0.141                               | 3.35                          | -0.95                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 39 |              |                                     | RU Index 40 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.55                                | -2.90        | 0.123                               | -3.63       | -2.82        | 0.123                               | -3.99       | -3.57        | 0.123                               | 3.76                          | 3.69                  |
|               |            | 6175                   |       | -4.45                                | -4.22        | 0.123                               | -4.18       | -4.26        | 0.123                               | -4.12       | -4.32        | 0.123                               | 3.76                          | 2.67                  |
|               |            | 6415                   |       | -5.39                                | -4.88        | 0.123                               | -5.70       | -4.17        | 0.123                               | -6.19       | -4.46        | 0.123                               | 3.67                          | 1.94                  |
|               | 6          | 6435                   |       | -4.73                                | -4.40        | 0.123                               | -4.71       | -4.09        | 0.123                               | -5.38       | -4.39        | 0.123                               | 3.67                          | 2.41                  |
|               |            | 6475                   |       | -5.59                                | -4.01        | 0.123                               | -5.52       | -4.24        | 0.123                               | -5.30       | -4.32        | 0.123                               | 3.67                          | 2.07                  |
|               |            | 6515                   |       | -5.40                                | -5.17        | 0.123                               | -5.67       | -4.48        | 0.123                               | -5.92       | -5.41        | 0.123                               | 3.67                          | 1.77                  |
|               | 7          | 6535                   |       | -6.28                                | -6.12        | 0.123                               | -6.64       | -6.08        | 0.123                               | -6.77       | -6.45        | 0.123                               | 3.67                          | 0.60                  |
|               |            | 6695                   |       | -6.55                                | -6.17        | 0.123                               | -6.22       | -6.32        | 0.123                               | -6.50       | -6.02        | 0.123                               | 3.67                          | 0.55                  |
|               |            | 6855                   |       | -5.23                                | -5.33        | 0.123                               | -5.58       | -5.01        | 0.123                               | -5.30       | -5.20        | 0.123                               | 3.67                          | 1.55                  |
|               | 8          | 6875                   |       | -5.40                                | -5.66        | 0.123                               | -5.50       | -4.95        | 0.123                               | -5.89       | -4.92        | 0.123                               | 3.67                          | 1.59                  |
|               |            | 6995                   |       | -4.87                                | -3.90        | 0.123                               | -5.33       | -3.74        | 0.123                               | -5.53       | -3.90        | 0.123                               | 3.67                          | 2.45                  |
|               |            | 7115                   |       | -4.31                                | -4.68        | 0.123                               | -4.45       | -4.84        | 0.123                               | -7.81       | -7.36        | 0.123                               | 3.35                          | 1.99                  |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 40 |              |                                     | RU Index 44 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -4.06                                | -2.97        | 0.141                               | -3.53       | -3.98        | 0.141                               | -4.12       | -3.47        | 0.141                               | 3.76                          | 3.43                  |
|               |            | 6165                   |       | -4.52                                | -3.97        | 0.141                               | -4.08       | -3.72        | 0.141                               | -4.20       | -3.80        | 0.141                               | 3.76                          | 3.02                  |
|               |            | 6405                   |       | -5.12                                | -4.55        | 0.141                               | -5.89       | -4.45        | 0.141                               | -5.97       | -4.29        | 0.141                               | 3.67                          | 2.00                  |
|               | 6          | 6445                   |       | -5.31                                | -4.08        | 0.141                               | -5.69       | -4.30        | 0.141                               | -5.52       | -4.11        | 0.141                               | 3.67                          | 2.17                  |
|               |            | 6485                   |       | -5.58                                | -4.92        | 0.141                               | -5.34       | -4.29        | 0.141                               | -6.08       | -5.06        | 0.141                               | 3.67                          | 2.04                  |
|               | 7          | 6525                   |       | -5.67                                | -4.44        | 0.141                               | -5.80       | -4.56        | 0.141                               | -6.39       | -5.50        | 0.141                               | 3.67                          | 1.81                  |
|               |            | 6685                   |       | -6.33                                | -5.81        | 0.141                               | -6.49       | -6.05        | 0.141                               | -6.52       | -6.32        | 0.141                               | 3.67                          | 0.76                  |
|               |            | 6845                   |       | -5.12                                | -5.05        | 0.141                               | -5.20       | -4.99        | 0.141                               | -5.91       | -5.02        | 0.141                               | 3.67                          | 1.74                  |
|               | 8          | 6885                   |       | -5.93                                | -5.32        | 0.141                               | -6.16       | -5.04        | 0.141                               | -6.05       | -5.84        | 0.141                               | 3.67                          | 1.26                  |
|               |            | 7005                   |       | -5.28                                | -4.51        | 0.141                               | -4.98       | -4.66        | 0.141                               | -5.64       | -4.85        | 0.141                               | 3.67                          | 2.00                  |
|               |            | 7085                   |       | -4.68                                | -3.51        | 0.141                               | -4.68       | -4.36        | 0.141                               | -4.53       | -4.07        | 0.141                               | 3.35                          | 2.45                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 44 |              |                                     | RU Index 52 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.84                                | -3.60        | 0.123                               | -4.03       | -3.79        | 0.123                               | -4.03       | -3.79        | 0.123                               | 3.76                          | 3.17                  |
|               |            | 6145                   |       | -4.81                                | -4.40        | 0.123                               | -3.90       | -4.03        | 0.123                               | -3.90       | -4.03        | 0.123                               | 3.76                          | 2.93                  |
|               |            | 6385                   |       | -5.47                                | -5.10        | 0.123                               | -5.26       | -4.21        | 0.123                               | -5.26       | -4.21        | 0.123                               | 3.67                          | 2.10                  |
|               | 6          | 6465                   |       | -5.43                                | -4.97        | 0.123                               | -5.60       | -3.91        | 0.123                               | -5.60       | -3.91        | 0.123                               | 3.67                          | 2.13                  |
|               |            | 6545                   |       | -6.35                                | -5.52        | 0.123                               | -5.85       | -4.94        | 0.123                               | -5.85       | -4.94        | 0.123                               | 3.67                          | 1.43                  |
|               |            | 6625                   |       | -7.24                                | -6.43        | 0.123                               | -6.32       | -5.58        | 0.123                               | -6.32       | -5.58        | 0.123                               | 3.67                          | 0.87                  |
|               | 7          | 6705                   |       | -7.37                                | -5.81        | 0.123                               | -6.64       | -5.36        | 0.123                               | -6.64       | -5.36        | 0.123                               | 3.67                          | 0.85                  |
|               |            | 6785                   |       | -5.76                                | -5.32        | 0.123                               | -5.84       | -5.32        | 0.123                               | -5.84       | -5.32        | 0.123                               | 3.67                          | 1.27                  |
|               |            | 6865                   |       | -5.67                                | -5.82        | 0.123                               | -5.41       | -5.27        | 0.123                               | -5.41       | -5.27        | 0.123                               | 3.67                          | 1.46                  |
|               | 8          | 6945                   |       | -4.52                                | -4.26        | 0.123                               | -4.51       | -3.71        | 0.123                               | -4.51       | -3.71        | 0.123                               | 3.67                          | 2.71                  |
|               |            | 7025                   |       | -5.31                                | -4.86        | 0.123                               | -5.40       | -4.02        | 0.123                               | -5.40       | -4.02        | 0.123                               | 3.35                          | 1.83                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 37                          |              |                                     | RU Index 44 |              |                                     | RU Index 52 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -5.71                                | -5.15        | 0.141                               | -4.06       | -3.93        | 0.141                               | -3.94       | -3.05        | 0.141                               | 3.76                          | 3.44                  |
|                      |            | 6185                   |       | -6.24                                | -5.71        | 0.141                               | -4.48       | -4.62        | 0.141                               | -3.97       | -3.94        | 0.141                               | 3.76                          | 2.96                  |
|                      |            | 6345                   |       | -6.78                                | -5.80        | 0.141                               | -5.48       | -4.40        | 0.141                               | -5.19       | -4.25        | 0.141                               | 3.67                          | 2.13                  |
|                      | 6          | 6505                   |       | -7.28                                | -5.72        | 0.141                               | -5.76       | -4.93        | 0.141                               | -5.81       | -5.07        | 0.141                               | 3.67                          | 1.50                  |
|                      |            | 6665                   |       | -8.66                                | -7.40        | 0.141                               | -7.16       | -6.53        | 0.141                               | -6.33       | -5.47        | 0.141                               | 3.67                          | 0.94                  |
|                      |            | 6825                   |       | -7.41                                | -6.93        | 0.141                               | -6.07       | -5.85        | 0.141                               | -5.03       | -4.94        | 0.141                               | 3.67                          | 1.84                  |
|                      | 8          | 6985                   |       | -5.73                                | -5.95        | 0.141                               | -5.44       | -3.91        | 0.141                               | -4.76       | -3.79        | 0.141                               | 3.35                          | 2.25                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S37                         |              |                                     | RU Index S44 |              |                                     | RU Index S52 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.52                                | -3.13        | 0.141                               | -3.83        | -4.40        | 0.141                               | -6.10        | -5.53        | 0.141                               | 3.76                          | 3.59                  |
|                      |            | 6185                   |       | -3.82                                | -3.84        | 0.141                               | -4.53        | -4.17        | 0.141                               | -6.20        | -5.75        | 0.141                               | 3.76                          | 3.08                  |
|                      |            | 6345                   |       | -5.22                                | -3.85        | 0.141                               | -6.00        | -5.27        | 0.141                               | -7.86        | -6.43        | 0.141                               | 3.67                          | 2.34                  |
|                      | 6          | 6505                   |       | -6.06                                | -4.93        | 0.141                               | -6.51        | -5.25        | 0.141                               | -8.42        | -6.92        | 0.141                               | 3.67                          | 1.36                  |
|                      |            | 6665                   |       | -6.95                                | -5.77        | 0.141                               | -7.10        | -8.67        | 0.141                               | -8.03        | -7.74        | 0.141                               | 3.67                          | 0.50                  |
|                      |            | 6825                   |       | -5.09                                | -5.29        | 0.141                               | -6.22        | -5.36        | 0.141                               | -7.47        | -7.35        | 0.141                               | 3.67                          | 1.63                  |
|                      | 8          | 6985                   |       | -4.74                                | -3.84        | 0.141                               | -5.96        | -4.71        | 0.141                               | -7.28        | -6.68        | 0.141                               | 3.35                          | 2.23                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).



**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 54 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.74                                | -0.46        | 0.123                               | -0.08       | 0.21         | 0.123                               | 3.76                          | 6.96                  |
|               |            | 6175                   |       | -1.33                                | -0.42        | 0.123                               | -1.11       | -0.33        | 0.123                               | 3.76                          | 6.19                  |
|               |            | 6415                   |       | -1.90                                | -1.75        | 0.123                               | -2.36       | -1.18        | 0.123                               | 3.67                          | 5.07                  |
|               | 6          | 6435                   |       | -2.21                                | -1.29        | 0.123                               | -1.44       | -1.05        | 0.123                               | 3.67                          | 5.56                  |
|               |            | 6475                   |       | -2.37                                | -0.79        | 0.123                               | -2.32       | -1.72        | 0.123                               | 3.67                          | 5.29                  |
|               |            | 6515                   |       | -2.60                                | -1.17        | 0.123                               | -2.32       | -1.46        | 0.123                               | 3.67                          | 4.98                  |
|               | 7          | 6535                   |       | -3.27                                | -2.76        | 0.123                               | -3.39       | -2.53        | 0.123                               | 3.67                          | 3.86                  |
|               |            | 6695                   |       | -2.78                                | -2.34        | 0.123                               | -2.47       | -3.03        | 0.123                               | 3.67                          | 4.25                  |
|               |            | 6855                   |       | -2.38                                | -2.03        | 0.123                               | -2.36       | -1.54        | 0.123                               | 3.67                          | 4.87                  |
|               | 8          | 6875                   |       | -2.34                                | -1.77        | 0.123                               | -2.13       | -2.39        | 0.123                               | 3.67                          | 4.76                  |
|               |            | 6995                   |       | -2.06                                | -0.55        | 0.123                               | -1.83       | -0.80        | 0.123                               | 3.67                          | 5.56                  |
|               |            | 7115                   |       | -1.25                                | -1.21        | 0.123                               | -8.22       | -7.79        | 0.123                               | 3.35                          | 5.25                  |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 54 |              |                                     | RU Index 56 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.47                                | -0.35        | 0.141                               | -0.25       | -0.14        | 0.141                               | -0.50       | -0.76        | 0.141                               | 3.76                          | 6.72                  |
|               |            | 6165                   |       | -1.17                                | -1.08        | 0.141                               | -1.49       | -1.20        | 0.141                               | -1.56       | -1.05        | 0.141                               | 3.76                          | 5.79                  |
|               |            | 6405                   |       | -2.05                                | -1.22        | 0.141                               | -1.98       | -1.27        | 0.141                               | -2.83       | -1.76        | 0.141                               | 3.67                          | 5.21                  |
|               | 6          | 6445                   |       | -2.02                                | -0.98        | 0.141                               | -1.60       | -1.02        | 0.141                               | -2.51       | -1.18        | 0.141                               | 3.67                          | 5.52                  |
|               |            | 6485                   |       | -2.38                                | -1.15        | 0.141                               | -2.77       | -1.06        | 0.141                               | -2.59       | -1.09        | 0.141                               | 3.67                          | 5.10                  |
|               | 7          | 6525                   |       | -2.08                                | -1.76        | 0.141                               | -2.61       | -1.51        | 0.141                               | -2.89       | -1.60        | 0.141                               | 3.67                          | 4.90                  |
|               |            | 6685                   |       | -3.16                                | -3.04        | 0.141                               | -2.70       | -2.36        | 0.141                               | -2.83       | -2.24        | 0.141                               | 3.67                          | 4.30                  |
|               |            | 6845                   |       | -1.57                                | -2.52        | 0.141                               | -2.06       | -2.27        | 0.141                               | -1.70       | -1.72        | 0.141                               | 3.67                          | 5.11                  |
|               | 8          | 6885                   |       | -1.71                                | -1.83        | 0.141                               | -2.07       | -1.61        | 0.141                               | -2.31       | -1.75        | 0.141                               | 3.67                          | 5.05                  |
|               |            | 7005                   |       | -1.53                                | -0.62        | 0.141                               | -1.93       | -0.49        | 0.141                               | -1.44       | -1.56        | 0.141                               | 3.67                          | 5.77                  |
|               |            | 7085                   |       | -1.21                                | -0.36        | 0.141                               | -1.16       | -0.20        | 0.141                               | -0.91       | -0.68        | 0.141                               | 3.35                          | 5.85                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 56 |              |                                     | RU Index 60 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -1.09                                | -0.61        | 0.123                               | -0.25       | 0.17         | 0.123                               | -0.30       | -0.42        | 0.123                               | 3.76                          | 6.86                  |
|               |            | 6145                   |       | -1.72                                | -0.75        | 0.123                               | -0.98       | -0.31        | 0.123                               | -1.03       | -1.27        | 0.123                               | 3.76                          | 6.26                  |
|               |            | 6385                   |       | -2.11                                | -1.85        | 0.123                               | -2.09       | -0.85        | 0.123                               | -2.53       | -1.67        | 0.123                               | 3.67                          | 5.38                  |
|               | 6          | 6465                   |       | -2.09                                | -1.37        | 0.123                               | -2.14       | -1.25        | 0.123                               | -2.48       | -1.85        | 0.123                               | 3.67                          | 5.13                  |
|               |            | 6545                   |       | -2.41                                | -1.97        | 0.123                               | -1.92       | -1.56        | 0.123                               | -3.27       | -2.37        | 0.123                               | 3.67                          | 5.07                  |
|               |            | 6625                   |       | -3.57                                | -2.41        | 0.123                               | -3.36       | -2.36        | 0.123                               | -3.26       | -2.46        | 0.123                               | 3.67                          | 3.97                  |
|               | 7          | 6705                   |       | -3.07                                | -3.39        | 0.123                               | -3.02       | -2.19        | 0.123                               | -3.42       | -3.19        | 0.123                               | 3.67                          | 4.22                  |
|               |            | 6785                   |       | -2.22                                | -2.34        | 0.123                               | -1.74       | -2.22        | 0.123                               | -2.46       | -2.73        | 0.123                               | 3.67                          | 4.83                  |
|               |            | 6865                   |       | -2.72                                | -2.42        | 0.123                               | -1.88       | -1.54        | 0.123                               | -2.51       | -2.97        | 0.123                               | 3.67                          | 5.10                  |
|               | 8          | 6945                   |       | -1.13                                | -1.37        | 0.123                               | -1.23       | -0.10        | 0.123                               | -1.70       | -1.34        | 0.123                               | 3.67                          | 6.17                  |
|               |            | 7025                   |       | -1.70                                | -0.89        | 0.123                               | -1.89       | -0.57        | 0.123                               | -2.23       | -1.42        | 0.123                               | 3.35                          | 5.30                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 53                          |              |                                     | RU Index 56 |              |                                     | RU Index 60 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -2.43                                | -2.07        | 0.141                               | -0.61       | -0.61        | 0.141                               | 0.03        | -0.23        | 0.141                               | 3.76                          | 6.81                  |
|                      |            | 6185                   |       | -1.95                                | -2.27        | 0.141                               | -1.13       | -0.60        | 0.141                               | -0.18       | -0.61        | 0.141                               | 3.76                          | 6.52                  |
|                      |            | 6345                   |       | -2.86                                | -2.66        | 0.141                               | -1.59       | -2.20        | 0.141                               | -1.88       | -1.51        | 0.141                               | 3.67                          | 5.13                  |
|                      | 6          | 6505                   |       | -3.26                                | -2.59        | 0.141                               | -2.42       | -2.22        | 0.141                               | -2.30       | -1.51        | 0.141                               | 3.67                          | 4.93                  |
|                      |            | 6665                   |       | -5.02                                | -4.34        | 0.141                               | -3.45       | -3.36        | 0.141                               | -2.72       | -2.39        | 0.141                               | 3.67                          | 4.27                  |
|                      | 7          | 6825                   |       | -3.91                                | -3.71        | 0.141                               | -2.85       | -2.69        | 0.141                               | -1.84       | -2.48        | 0.141                               | 3.67                          | 4.67                  |
|                      |            | 6985                   |       | -2.36                                | -2.43        | 0.141                               | -1.69       | -1.55        | 0.141                               | -1.93       | -0.53        | 0.141                               | 3.35                          | 5.33                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S53                         |              |                                     | RU Index S56 |              |                                     | RU Index S60 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.89                                | -0.55        | 0.141                               | -1.05        | -0.36        | 0.141                               | -2.37        | -2.75        | 0.141                               | 3.76                          | 6.22                  |
|                      |            | 6185                   |       | -1.11                                | -0.51        | 0.141                               | -0.74        | -1.44        | 0.141                               | -2.76        | -2.62        | 0.141                               | 3.76                          | 6.11                  |
|                      |            | 6345                   |       | -1.97                                | -1.08        | 0.141                               | -2.65        | -1.71        | 0.141                               | -3.97        | -3.49        | 0.141                               | 3.67                          | 5.32                  |
|                      | 6          | 6505                   |       | -2.66                                | -1.86        | 0.141                               | -2.55        | -1.91        | 0.141                               | -4.23        | -4.11        | 0.141                               | 3.67                          | 4.60                  |
|                      |            | 6665                   |       | -3.32                                | -2.45        | 0.141                               | -3.30        | -3.49        | 0.141                               | -4.36        | -4.78        | 0.141                               | 3.67                          | 3.96                  |
|                      | 7          | 6825                   |       | -2.55                                | -2.15        | 0.141                               | -2.31        | -2.00        | 0.141                               | -4.27        | -4.26        | 0.141                               | 3.67                          | 4.67                  |
|                      |            | 6985                   |       | -1.8                                 | -1.05        | 0.141                               | -2.38        | -1.19        | 0.141                               | -3.85        | -2.91        | 0.141                               | 3.35                          | 5.09                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 2.6                                  | 1.73         | 0.123                               | 3.76                          | 9.08                  |
|               |            | 6175                   |       | 2.38                                 | 1.38         | 0.123                               | 3.76                          | 8.80                  |
|               |            | 6415                   |       | 2.54                                 | 2.01         | 0.123                               | 3.67                          | 9.09                  |
|               | 6          | 6435                   |       | 1.57                                 | 0.63         | 0.123                               | 3.67                          | 7.93                  |
|               |            | 6475                   |       | 1.79                                 | 1.58         | 0.123                               | 3.67                          | 8.49                  |
|               |            | 6515                   |       | 1.66                                 | 1.04         | 0.123                               | 3.67                          | 8.16                  |
|               | 7          | 6535                   |       | -0.36                                | 0.28         | 0.123                               | 3.67                          | 6.78                  |
|               |            | 6695                   |       | -0.6                                 | 0.22         | 0.123                               | 3.67                          | 6.63                  |
|               |            | 6855                   |       | 0.67                                 | 0.06         | 0.123                               | 3.67                          | 7.18                  |
|               | 8          | 6875                   |       | 0.29                                 | 0.31         | 0.123                               | 3.67                          | 7.10                  |
|               |            | 6995                   |       | 1.57                                 | 1.81         | 0.123                               | 3.67                          | 8.49                  |
|               |            | 7115                   |       | -5.27                                | -4.76        | 0.123                               | 3.35                          | 1.48                  |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 2.09                                 | 1.67         | 0.141                               | 2.55        | 1.46         | 0.141                               | 3.76                          | 8.95                  |
|               |            | 6165                   |       | 2.01                                 | 1.71         | 0.141                               | 2.12        | 1.16         | 0.141                               | 3.76                          | 8.77                  |
|               |            | 6405                   |       | 2.65                                 | 1.39         | 0.141                               | 2.54        | 1.6          | 0.141                               | 3.67                          | 8.92                  |
|               | 6          | 6445                   |       | 1.52                                 | 1.05         | 0.141                               | 1.39        | 0.64         | 0.141                               | 3.67                          | 8.11                  |
|               |            | 6485                   |       | 1.68                                 | 1.15         | 0.141                               | 1.54        | 1.57         | 0.141                               | 3.67                          | 8.38                  |
|               | 7          | 6525                   |       | 2.13                                 | 1.09         | 0.141                               | 2.21        | 1.97         | 0.141                               | 3.67                          | 8.91                  |
|               |            | 6685                   |       | 0.04                                 | 0.07         | 0.141                               | -0.37       | -0.23        | 0.141                               | 3.67                          | 6.88                  |
|               |            | 6845                   |       | 1.06                                 | 0.05         | 0.141                               | 0.87        | 0.05         | 0.141                               | 3.67                          | 7.41                  |
|               | 8          | 6885                   |       | 0.17                                 | 0.68         | 0.141                               | 0.51        | 0.22         | 0.141                               | 3.67                          | 7.25                  |
|               |            | 7005                   |       | 1.14                                 | 1.84         | 0.141                               | 0.66        | 1.56         | 0.141                               | 3.67                          | 8.33                  |
|               |            | 7085                   |       | 1.63                                 | 1.76         | 0.141                               | 1.91        | 1.9          | 0.141                               | 3.35                          | 8.41                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4 Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     | RU Index 64 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.35                                 | 2.58         | 0.123                               | 2.78        | 1.61         | 0.123                               | 2.33        | 1.55         | 0.123                               | 3.76                          | 9.36                  |
|               |            | 6145                   |       | 2.01                                 | 1.58         | 0.123                               | 2.07        | 1.65         | 0.123                               | 2.15        | 1.85         | 0.123                               | 3.76                          | 8.90                  |
|               |            | 6385                   |       | 2.02                                 | 2.07         | 0.123                               | 3.02        | 1.9          | 0.123                               | 2.17        | 1.64         | 0.123                               | 3.67                          | 9.30                  |
|               | 6          | 6465                   |       | 2.37                                 | 1.16         | 0.123                               | 2.38        | 2.37         | 0.123                               | 1.83        | 1.63         | 0.123                               | 3.67                          | 9.18                  |
|               |            | 6545                   |       | 2.05                                 | 1.77         | 0.123                               | 2.54        | 2.21         | 0.123                               | 2.45        | 2.23         | 0.123                               | 3.67                          | 9.18                  |
|               |            | 6625                   |       | -1.15                                | 0.01         | 0.123                               | -0.44       | -0.06        | 0.123                               | -0.96       | -0.54        | 0.123                               | 3.67                          | 6.56                  |
|               | 7          | 6705                   |       | -0.27                                | -0.89        | 0.123                               | -0.33       | -0.03        | 0.123                               | -0.75       | -0.14        | 0.123                               | 3.67                          | 6.63                  |
|               |            | 6785                   |       | 0.6                                  | 0.63         | 0.123                               | 1.01        | 0.45         | 0.123                               | 0.65        | 0.64         | 0.123                               | 3.67                          | 7.54                  |
|               |            | 6865                   |       | 0.42                                 | -0.11        | 0.123                               | 1.02        | 0.87         | 0.123                               | 0.22        | -0.24        | 0.123                               | 3.67                          | 7.75                  |
|               | 8          | 6945                   |       | 1.68                                 | 1.61         | 0.123                               | 2.04        | 1.93         | 0.123                               | 1.4         | 2.33         | 0.123                               | 3.67                          | 8.79                  |
|               |            | 7025                   |       | 0.41                                 | 1.15         | 0.123                               | 1           | 1.17         | 0.123                               | 1.07        | 1.25         | 0.123                               | 3.35                          | 7.64                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     | RU Index 64 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 2.07                                 | 2.31         | 0.141                               | 2.95        | 2.08         | 0.141                               | 2.58        | 1.5          | 0.141                               | 3.76                          | 9.45                  |
|                      |            | 6185                   |       | 2.54                                 | 2.16         | 0.141                               | 2.23        | 2.29         | 0.141                               | 1.81        | 2.27         | 0.141                               | 3.76                          | 9.27                  |
|                      |            | 6345                   |       | 2.46                                 | 2.31         | 0.141                               | 2.5         | 2.53         | 0.141                               | 2.53        | 1.97         | 0.141                               | 3.67                          | 9.34                  |
|                      | 6          | 6505                   |       | 2.2                                  | 1.13         | 0.141                               | 2.7         | 2.66         | 0.141                               | 2.22        | 1.06         | 0.141                               | 3.67                          | 9.50                  |
|                      |            | 6665                   |       | -1.11                                | 0.1          | 0.141                               | -0.08       | 0.19         | 0.141                               | 1.06        | 1.02         | 0.141                               | 3.67                          | 7.86                  |
|                      | 7          | 6825                   |       | -0.06                                | -0.03        | 0.141                               | 1.49        | 0.56         | 0.141                               | 1.96        | 1.71         | 0.141                               | 3.67                          | 8.66                  |
|                      |            | 6985                   |       | 1.32                                 | 1.46         | 0.141                               | 1.62        | 1.92         | 0.141                               | 2.02        | 3.15         | 0.141                               | 3.35                          | 9.12                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S61                         |              |                                     | RU Index S62 |              |                                     | RU Index S64 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 2.41                                 | 1.77         | 0.141                               | 2.2          | 1.62         | 0.141                               | 2.48         | 1.97         | 0.141                               | 3.76                          | 9.14                  |
|                      |            | 6185                   |       | 2.38                                 | 1.73         | 0.141                               | 2.7          | 1.4          | 0.141                               | 2.39         | 2.07         | 0.141                               | 3.76                          | 9.14                  |
|                      |            | 6345                   |       | 2.41                                 | 1.96         | 0.141                               | 2.41         | 1.56         | 0.141                               | 2.37         | 2.25         | 0.141                               | 3.67                          | 9.13                  |
|                      | 6          | 6505                   |       | 1.93                                 | 1.43         | 0.141                               | 2.13         | 1.77         | 0.141                               | 2.72         | 2.34         | 0.141                               | 3.67                          | 9.36                  |
|                      |            | 6665                   |       | 0.8                                  | 0.9          | 0.141                               | 0.49         | 0.57         | 0.141                               | -0.89        | -0.63        | 0.141                               | 3.67                          | 7.67                  |
|                      | 7          | 6825                   |       | 1.87                                 | 1.63         | 0.141                               | 1.73         | 1.75         | 0.141                               | 0.72         | 0.33         | 0.141                               | 3.67                          | 8.57                  |
|                      |            | 6985                   |       | 3.03                                 | 2.53         | 0.141                               | 2.17         | 2.78         | 0.141                               | 0.83         | 1.56         | 0.141                               | 3.35                          | 9.29                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |  | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|--|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 65                          |              |  |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor $10\log(1/X)$ Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 6.03                                 | 4.96         | 0.141                                  | 3.76                          | 12.44                 |
|               |            | 6165                   |       | 5.46                                 | 5.53         | 0.141                                  | 3.76                          | 12.41                 |
|               |            | 6405                   |       | 5.84                                 | 5.39         | 0.141                                  | 3.67                          | 12.44                 |
|               | 6          | 6445                   |       | 5.61                                 | 4.57         | 0.141                                  | 3.67                          | 11.94                 |
|               |            | 6485                   |       | 5.46                                 | 4.79         | 0.141                                  | 3.67                          | 11.96                 |
|               |            | 6525                   |       | 6.03                                 | 4.71         | 0.141                                  | 3.67                          | 12.24                 |
|               | 7          | 6685                   |       | 4.78                                 | 4.26         | 0.141                                  | 3.67                          | 11.35                 |
|               |            | 6845                   |       | 5                                    | 4.45         | 0.141                                  | 3.67                          | 11.56                 |
|               |            | 6885                   |       | 4.91                                 | 3.96         | 0.141                                  | 3.67                          | 11.28                 |
|               | 8          | 7005                   |       | 4.35                                 | 4.28         | 0.141                                  | 3.67                          | 11.14                 |
|               |            | 7085                   |       | 4.41                                 | 4.17         | 0.141                                  | 3.35                          | 10.79                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |  |             |              |  | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|--|-------------|--------------|--|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 65                          |              |  | RU Index 66 |              |  |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor $10\log(1/X)$ Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor $10\log(1/X)$ Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 12.44                                | 12.44        | 0.123                                  | 5.83        | 5.39         | 0.123                                  | 3.76                          | 12.53                 |
|               |            | 6145                   |       | 12.41                                | 12.41        | 0.123                                  | 5.25        | 4.8          | 0.123                                  | 3.76                          | 11.97                 |
|               |            | 6385                   |       | 12.44                                | 12.44        | 0.123                                  | 5.44        | 5.16         | 0.123                                  | 3.67                          | 12.19                 |
|               | 6          | 6465                   |       | 11.94                                | 11.94        | 0.123                                  | 5.32        | 5.13         | 0.123                                  | 3.67                          | 12.15                 |
|               |            | 6545                   |       | 11.96                                | 11.96        | 0.123                                  | 5.41        | 5.35         | 0.123                                  | 3.67                          | 12.18                 |
|               |            | 6625                   |       | 12.24                                | 12.24        | 0.123                                  | 4.34        | 3.95         | 0.123                                  | 3.67                          | 11.37                 |
|               | 7          | 6705                   |       | 11.35                                | 11.35        | 0.123                                  | 4.73        | 4.3          | 0.123                                  | 3.67                          | 11.56                 |
|               |            | 6785                   |       | 11.56                                | 11.56        | 0.123                                  | 5.15        | 3.72         | 0.123                                  | 3.67                          | 11.31                 |
|               |            | 6865                   |       | 11.28                                | 11.28        | 0.123                                  | 4.83        | 4.32         | 0.123                                  | 3.67                          | 11.39                 |
|               | 8          | 6945                   |       | 11.14                                | 11.14        | 0.123                                  | 5.04        | 4.39         | 0.123                                  | 3.67                          | 11.53                 |
|               |            | 7025                   |       | 10.79                                | 10.79        | 0.123                                  | 4.99        | 4.33         | 0.123                                  | 3.35                          | 11.16                 |

Note: 1. All results have been included cable loss.  
 2. EIRP limit is 24dBm  
 3. Duty cycle factor is not applicable for duty cycle > 98%.  
 4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.  
 5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain: 5925MHz:  $10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76$  dBi /  
 6525MHz:  $10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67$  dBi / 7125MHz:  $10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35$  dBi  
 The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 65                          |              |                                     | RU Index 66 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 5.67                                 | 4.89         | 0.141                               | 5.99        | 5.04         | 0.141                               | 3.76                          | 12.45                 |
|                      |            | 6185                   |       | 5.67                                 | 5.43         | 0.141                               | 5.59        | 4.91         | 0.141                               | 3.76                          | 12.46                 |
|                      |            | 6345                   |       | 5.4                                  | 4.86         | 0.141                               | 5.52        | 5.73         | 0.141                               | 3.67                          | 12.45                 |
|                      | 6          | 6505                   |       | 5.12                                 | 5.43         | 0.141                               | 5.95        | 5.02         | 0.141                               | 3.67                          | 12.33                 |
|                      | 7          | 6665                   |       | 4.68                                 | 4.83         | 0.141                               | 4.45        | 4.6          | 0.141                               | 3.67                          | 11.58                 |
|                      |            | 6825                   |       | 5.13                                 | 4.57         | 0.141                               | 5.23        | 4.28         | 0.141                               | 3.67                          | 11.68                 |
|                      |            | 8                      |       | 6985                                 | 4.85         | 3.77                                | 0.141       | 5.13         | 3.81                                | 0.141                         | 3.35                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S65                         |              |                                     | RU Index S66 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 5.36                                 | 5.28         | 0.141                               | 5.47         | 4.52         | 0.141                               | 3.76                          | 12.23                 |
|                      |            | 6185                   |       | 5.87                                 | 5.16         | 0.141                               | 5.53         | 5.01         | 0.141                               | 3.76                          | 12.44                 |
|                      |            | 6345                   |       | 5.16                                 | 5.2          | 0.141                               | 5.51         | 5.14         | 0.141                               | 3.67                          | 12.15                 |
|                      | 6          | 6505                   |       | 5.25                                 | 5.02         | 0.141                               | 5.27         | 5.01         | 0.141                               | 3.67                          | 11.96                 |
|                      | 7          | 6665                   |       | 4.88                                 | 4.14         | 0.141                               | 4.91         | 3.57         | 0.141                               | 3.67                          | 11.35                 |
|                      |            | 6825                   |       | 5.26                                 | 4.7          | 0.141                               | 4.96         | 4.53         | 0.141                               | 3.67                          | 11.81                 |
|                      |            | 8                      |       | 6985                                 | 4.96         | 4.07                                | 0.141        | 5.19         | 4.5                                 | 0.141                         | 3.35                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 67                          |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.22                                 | 7.2          | 0.123                               | 3.76                          | 14.10                 |
|               |            | 6145                   |       | 7.58                                 | 7.61         | 0.123                               | 3.76                          | 14.49                 |
|               |            | 6385                   |       | 7.57                                 | 7.14         | 0.123                               | 3.67                          | 14.16                 |
|               | 6          | 6465                   |       | 7.4                                  | 7.24         | 0.123                               | 3.67                          | 14.12                 |
|               |            | 6545                   |       | 7.77                                 | 7.19         | 0.123                               | 3.67                          | 14.29                 |
|               | 7          | 6625                   |       | 6.49                                 | 6.61         | 0.123                               | 3.67                          | 13.35                 |
|               |            | 6705                   |       | 7.04                                 | 6.08         | 0.123                               | 3.67                          | 13.39                 |
|               |            | 6785                   |       | 7.05                                 | 5.94         | 0.123                               | 3.67                          | 13.33                 |
|               | 8          | 6865                   |       | 6.9                                  | 6.17         | 0.123                               | 3.67                          | 13.35                 |
|               |            | 6945                   |       | 6.69                                 | 6.82         | 0.123                               | 3.67                          | 13.56                 |
|               |            | 7025                   |       | 6.83                                 | 6.83         | 0.123                               | 3.35                          | 13.31                 |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                |            |                        |       | RU Index 67                          |              |                                     | RU Index S67 |              |                                     |                               |                       |
|                |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 | 5          | 6025                   | 484T  | 7.5                                  | 7.24         | 0.141                               | 7.39         | 7.14         | 0.141                               | 3.76                          | 14.28                 |
|                |            | 6185                   |       | 7.64                                 | 7.54         | 0.141                               | 7.59         | 7.27         | 0.141                               | 3.76                          | 14.50                 |
|                |            | 6345                   |       | 7.57                                 | 7.94         | 0.141                               | 7.26         | 7.32         | 0.141                               | 3.67                          | 14.58                 |
|                | 6          | 6505                   |       | 6.96                                 | 7.04         | 0.141                               | 6.88         | 6.84         | 0.141                               | 3.67                          | 13.82                 |
|                |            | 6665                   |       | 6.54                                 | 6.34         | 0.141                               | 6.51         | 6.26         | 0.141                               | 3.67                          | 13.26                 |
|                | 7          | 6825                   |       | 6.2                                  | 6.41         | 0.141                               | 6.55         | 6.4          | 0.141                               | 3.67                          | 13.30                 |
|                |            | 6985                   |       | 6.31                                 | 6.29         | 0.141                               | 6.02         | 6.21         | 0.141                               | 3.35                          | 12.80                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.4/10})/2] = 3.76\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{4.1/10} + 10^{3.2/10})/2] = 3.67\text{dBi} / 7125\text{MHz: } 10 \log[(10^{4.2/10} + 10^{2.3/10})/2] = 3.35\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**SKU#2 (with LUXSHARE-ICT Antenna)**

**Tones: 26T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 4  |              |                                     | RU Index 8  |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -7.49                                | -6.75        | 0.123                               | -7.13       | -6.02        | 0.123                               | -7.21       | -6.98        | 0.123                               | 3.89                          | 0.48                  |
|               |            | 6175                   |       | -7.47                                | -6.22        | 0.123                               | -7.51       | -6.23        | 0.123                               | -7.03       | -6.50        | 0.123                               | 3.89                          | 0.27                  |
|               |            | 6415                   |       | -8.64                                | -7.92        | 0.123                               | -8.56       | -7.69        | 0.123                               | -8.59       | -8.49        | 0.123                               | 2.48                          | -2.49                 |
|               | 6          | 6435                   |       | -7.73                                | -7.20        | 0.123                               | -7.37       | -7.42        | 0.123                               | -8.03       | -8.25        | 0.123                               | 2.48                          | -1.78                 |
|               |            | 6475                   |       | -8.16                                | -8.50        | 0.123                               | -7.97       | -8.12        | 0.123                               | -8.51       | -8.19        | 0.123                               | 2.48                          | -2.43                 |
|               |            | 6515                   |       | -8.95                                | -8.34        | 0.123                               | -8.71       | -7.87        | 0.123                               | -8.50       | -8.32        | 0.123                               | 2.48                          | -2.66                 |
|               | 7          | 6535                   |       | -9.06                                | -9.65        | 0.123                               | -9.51       | -9.32        | 0.123                               | -9.52       | -9.67        | 0.123                               | 2.48                          | -3.73                 |
|               |            | 6695                   |       | -8.95                                | -8.76        | 0.123                               | -8.50       | -8.07        | 0.123                               | -8.94       | -8.68        | 0.123                               | 2.48                          | -2.67                 |
|               |            | 6855                   |       | -8.25                                | -7.98        | 0.123                               | -8.28       | -7.60        | 0.123                               | -8.46       | -7.91        | 0.123                               | 2.48                          | -2.31                 |
|               | 8          | 6875                   |       | -8.16                                | -7.96        | 0.123                               | -8.93       | -7.46        | 0.123                               | -8.41       | -8.13        | 0.123                               | 2.48                          | -2.45                 |
|               |            | 6995                   |       | -7.49                                | -8.03        | 0.123                               | -7.37       | -7.18        | 0.123                               | -7.76       | -7.44        | 0.123                               | 2.48                          | -1.66                 |
|               |            | 7115                   |       | -8.27                                | -7.64        | 0.123                               | -7.77       | -7.70        | 0.123                               | -8.44       | -7.84        | 0.123                               | -2.94                         | -7.54                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 8  |              |                                     | RU Index 17 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -7.60                                | -6.58        | 0.141                               | -7.51       | -6.99        | 0.141                               | -6.91       | -6.72        | 0.141                               | 3.89                          | 0.23                  |
|               |            | 6165                   |       | -7.81                                | -6.71        | 0.141                               | -7.93       | -6.71        | 0.141                               | -7.40       | -6.97        | 0.141                               | 3.89                          | -0.14                 |
|               |            | 6405                   |       | -7.66                                | -7.80        | 0.141                               | -8.66       | -7.70        | 0.141                               | -8.46       | -7.77        | 0.141                               | 2.48                          | -2.10                 |
|               | 6          | 6445                   |       | -7.61                                | -7.18        | 0.141                               | -8.05       | -7.22        | 0.141                               | -8.42       | -7.66        | 0.141                               | 2.48                          | -1.76                 |
|               |            | 6485                   |       | -7.90                                | -7.09        | 0.141                               | -7.98       | -7.52        | 0.141                               | -7.70       | -7.70        | 0.141                               | 2.48                          | -1.84                 |
|               | 7          | 6525                   |       | -7.89                                | -8.04        | 0.141                               | -8.40       | -7.74        | 0.141                               | -8.60       | -8.28        | 0.141                               | 2.48                          | -2.33                 |
|               |            | 6685                   |       | -9.09                                | -8.94        | 0.141                               | -8.70       | -8.15        | 0.141                               | -8.84       | -8.73        | 0.141                               | 2.48                          | -2.78                 |
|               |            | 6845                   |       | -8.33                                | -8.05        | 0.141                               | -9.22       | -7.62        | 0.141                               | -8.89       | -8.29        | 0.141                               | 2.48                          | -2.56                 |
|               | 8          | 6885                   |       | -8.82                                | -7.97        | 0.141                               | -8.96       | -8.27        | 0.141                               | -8.71       | -8.28        | 0.141                               | 2.48                          | -2.74                 |
|               |            | 7005                   |       | -8.37                                | -8.06        | 0.141                               | -8.52       | -8.05        | 0.141                               | -8.21       | -7.60        | 0.141                               | 2.48                          | -2.26                 |
|               |            | 7085                   |       | -8.08                                | -8.06        | 0.141                               | -8.43       | -7.47        | 0.141                               | -8.23       | -7.09        | 0.141                               | -2.94                         | -7.41                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4 Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).



| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 0                           |              |                                     | RU Index 18 |              |                                     | RU Index 36 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -7.39                                | -6.58        | 0.123                               | -6.56       | -6.55        | 0.123                               | -7.45       | -7.19        | 0.123                               | 3.89                          | 0.47                  |
|               |            | 6145                   |       | -7.71                                | -7.78        | 0.123                               | -6.57       | -6.41        | 0.123                               | -8.05       | -7.81        | 0.123                               | 3.89                          | 0.53                  |
|               |            | 6385                   |       | -7.51                                | -7.53        | 0.123                               | -7.43       | -7.32        | 0.123                               | -8.27       | -7.57        | 0.123                               | 2.48                          | -1.76                 |
|               | 6          | 6465                   |       | -7.92                                | -7.37        | 0.123                               | -7.64       | -7.23        | 0.123                               | -8.52       | -7.37        | 0.123                               | 2.48                          | -1.82                 |
|               |            | 6545                   |       | -8.08                                | -7.85        | 0.123                               | -8.52       | -7.58        | 0.123                               | -9.36       | -8.38        | 0.123                               | 2.48                          | -2.35                 |
|               |            | 6625                   |       | -9.68                                | -8.13        | 0.123                               | -8.92       | -7.61        | 0.123                               | -8.71       | -8.51        | 0.123                               | 2.48                          | -2.60                 |
|               | 7          | 6705                   |       | -9.26                                | -8.78        | 0.123                               | -8.62       | -8.21        | 0.123                               | -9.40       | -8.23        | 0.123                               | 2.48                          | -2.80                 |
|               |            | 6785                   |       | -8.65                                | -8.14        | 0.123                               | -7.49       | -7.22        | 0.123                               | -8.13       | -8.08        | 0.123                               | 2.48                          | -1.74                 |
|               |            | 6865                   |       | -8.01                                | -7.66        | 0.123                               | -8.06       | -7.54        | 0.123                               | -8.53       | -8.33        | 0.123                               | 2.48                          | -2.18                 |
|               | 8          | 6945                   |       | -8.05                                | -6.60        | 0.123                               | -6.99       | -6.49        | 0.123                               | -7.68       | -7.57        | 0.123                               | 2.48                          | -1.12                 |
|               |            | 7025                   |       | -8.18                                | -6.75        | 0.123                               | -7.32       | -6.86        | 0.123                               | -8.58       | -7.93        | 0.123                               | -2.94                         | -6.89                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 0                           |              |                                     | RU Index 18 |              |                                     | RU Index 36 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.98                                | -7.61        | 0.141                               | -6.72       | -6.40        | 0.141                               | -7.07       | -6.95        | 0.141                               | 3.89                          | 0.48                  |
|                      |            | 6185                   |       | -8.51                                | -8.14        | 0.141                               | -6.86       | -7.39        | 0.141                               | -7.48       | -7.41        | 0.141                               | 3.89                          | -0.08                 |
|                      |            | 6345                   |       | -8.53                                | -9.09        | 0.141                               | -7.24       | -7.30        | 0.141                               | -8.49       | -7.02        | 0.141                               | 2.48                          | -1.64                 |
|                      | 6          | 6505                   |       | -9.42                                | -9.30        | 0.141                               | -8.39       | -7.96        | 0.141                               | -8.05       | -7.79        | 0.141                               | 2.48                          | -2.29                 |
|                      |            | 6665                   |       | -11.15                               | -10.23       | 0.141                               | -9.30       | -9.08        | 0.141                               | -9.14       | -8.62        | 0.141                               | 2.48                          | -3.24                 |
|                      | 7          | 6825                   |       | -9.64                                | -10.21       | 0.141                               | -8.17       | -8.75        | 0.141                               | -8.11       | -7.56        | 0.141                               | 2.48                          | -2.19                 |
|                      |            | 6985                   |       | -8.63                                | -8.41        | 0.141                               | -7.63       | -7.26        | 0.141                               | -8.01       | -7.19        | 0.141                               | -2.94                         | -7.23                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S0                          |              |                                     | RU Index S18 |              |                                     | RU Index S36 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -7.01                                | -7.10        | 0.141                               | -6.93        | -6.48        | 0.141                               | -7.94        | -8.50        | 0.141                               | 3.89                          | 0.34                  |
|                      |            | 6185                   |       | -7.20                                | -7.44        | 0.141                               | -6.91        | -7.44        | 0.141                               | -8.83        | -8.50        | 0.141                               | 3.89                          | -0.13                 |
|                      |            | 6345                   |       | -8.25                                | -7.46        | 0.141                               | -8.12        | -8.14        | 0.141                               | -9.64        | -9.08        | 0.141                               | 2.48                          | -2.21                 |
|                      | 6          | 6505                   |       | -8.05                                | -7.98        | 0.141                               | -8.81        | -8.05        | 0.141                               | -9.79        | -9.86        | 0.141                               | 2.48                          | -2.38                 |
|                      |            | 6665                   |       | -8.89                                | -8.80        | 0.141                               | -9.40        | -9.37        | 0.141                               | -10.52       | -10.78       | 0.141                               | 2.48                          | -3.21                 |
|                      | 7          | 6825                   |       | -8.02                                | -7.82        | 0.141                               | -7.94        | -8.55        | 0.141                               | -9.69        | -10.11       | 0.141                               | 2.48                          | -2.29                 |
|                      |            | 6985                   |       | -7.78                                | -7.47        | 0.141                               | -7.50        | -7.40        | 0.141                               | -9.60        | -9.15        | 0.141                               | -2.94                         | -7.24                 |

- Note: 1. All results have been included cable loss.  
2. EIRP limit is 24dBm  
3. Duty cycle factor is not applicable for duty cycle > 98%.  
4 Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.  
5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
Directional gain: 5925MHz:  $10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89$  dBi /  
6525MHz:  $10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48$  dBi /7125MHz:  $10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94$  dBi  
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 39 |              |                                     | RU Index 40 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.55                                | -2.90        | 0.123                               | -3.63       | -2.82        | 0.123                               | -3.99       | -3.57        | 0.123                               | 3.89                          | 3.82                  |
|               |            | 6175                   |       | -4.45                                | -4.22        | 0.123                               | -4.18       | -4.26        | 0.123                               | -4.12       | -4.32        | 0.123                               | 3.89                          | 2.80                  |
|               |            | 6415                   |       | -5.39                                | -4.88        | 0.123                               | -5.70       | -4.17        | 0.123                               | -6.19       | -4.46        | 0.123                               | 2.48                          | 0.75                  |
|               | 6          | 6435                   |       | -4.73                                | -4.40        | 0.123                               | -4.71       | -4.09        | 0.123                               | -5.38       | -4.39        | 0.123                               | 2.48                          | 1.22                  |
|               |            | 6475                   |       | -5.59                                | -4.01        | 0.123                               | -5.52       | -4.24        | 0.123                               | -5.30       | -4.32        | 0.123                               | 2.48                          | 0.88                  |
|               |            | 6515                   |       | -5.40                                | -5.17        | 0.123                               | -5.67       | -4.48        | 0.123                               | -5.92       | -5.41        | 0.123                               | 2.48                          | 0.58                  |
|               | 7          | 6535                   |       | -6.28                                | -6.12        | 0.123                               | -6.64       | -6.08        | 0.123                               | -6.77       | -6.45        | 0.123                               | 2.48                          | -0.59                 |
|               |            | 6695                   |       | -6.55                                | -6.17        | 0.123                               | -6.22       | -6.32        | 0.123                               | -6.50       | -6.02        | 0.123                               | 2.48                          | -0.64                 |
|               |            | 6855                   |       | -5.23                                | -5.33        | 0.123                               | -5.58       | -5.01        | 0.123                               | -5.30       | -5.20        | 0.123                               | 2.48                          | 0.36                  |
|               | 8          | 6875                   |       | -5.40                                | -5.66        | 0.123                               | -5.50       | -4.95        | 0.123                               | -5.89       | -4.92        | 0.123                               | 2.48                          | 0.40                  |
|               |            | 6995                   |       | -4.87                                | -3.90        | 0.123                               | -5.33       | -3.74        | 0.123                               | -5.53       | -3.90        | 0.123                               | 2.48                          | 1.26                  |
|               |            | 7115                   |       | -4.31                                | -4.68        | 0.123                               | -4.45       | -4.84        | 0.123                               | -7.81       | -7.36        | 0.123                               | -2.94                         | -4.30                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 40 |              |                                     | RU Index 44 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -4.06                                | -2.97        | 0.141                               | -3.53       | -3.98        | 0.141                               | -4.12       | -3.47        | 0.141                               | 3.89                          | 3.56                  |
|               |            | 6165                   |       | -4.52                                | -3.97        | 0.141                               | -4.08       | -3.72        | 0.141                               | -4.20       | -3.80        | 0.141                               | 3.89                          | 3.15                  |
|               |            | 6405                   |       | -5.12                                | -4.55        | 0.141                               | -5.89       | -4.45        | 0.141                               | -5.97       | -4.29        | 0.141                               | 2.48                          | 0.81                  |
|               | 6          | 6445                   |       | -5.31                                | -4.08        | 0.141                               | -5.69       | -4.30        | 0.141                               | -5.52       | -4.11        | 0.141                               | 2.48                          | 0.98                  |
|               |            | 6485                   |       | -5.58                                | -4.92        | 0.141                               | -5.34       | -4.29        | 0.141                               | -6.08       | -5.06        | 0.141                               | 2.48                          | 0.85                  |
|               | 7          | 6525                   |       | -5.67                                | -4.44        | 0.141                               | -5.80       | -4.56        | 0.141                               | -6.39       | -5.50        | 0.141                               | 2.48                          | 0.62                  |
|               |            | 6685                   |       | -6.33                                | -5.81        | 0.141                               | -6.49       | -6.05        | 0.141                               | -6.52       | -6.32        | 0.141                               | 2.48                          | -0.43                 |
|               |            | 6845                   |       | -5.12                                | -5.05        | 0.141                               | -5.20       | -4.99        | 0.141                               | -5.91       | -5.02        | 0.141                               | 2.48                          | 0.55                  |
|               | 8          | 6885                   |       | -5.93                                | -5.32        | 0.141                               | -6.16       | -5.04        | 0.141                               | -6.05       | -5.84        | 0.141                               | 2.48                          | 0.07                  |
|               |            | 7005                   |       | -5.28                                | -4.51        | 0.141                               | -4.98       | -4.66        | 0.141                               | -5.64       | -4.85        | 0.141                               | 2.48                          | 0.81                  |
|               |            | 7085                   |       | -4.68                                | -3.51        | 0.141                               | -4.68       | -4.36        | 0.141                               | -4.53       | -4.07        | 0.141                               | -2.94                         | -3.84                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4 Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 37                          |              |                                     | RU Index 44 |              |                                     | RU Index 52 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.84                                | -3.60        | 0.123                               | -4.03       | -3.79        | 0.123                               | -3.83       | -4.12        | 0.123                               | 3.89                          | 3.30                  |
|               |            | 6145                   |       | -4.81                                | -4.40        | 0.123                               | -3.90       | -4.03        | 0.123                               | -4.73       | -4.19        | 0.123                               | 3.89                          | 3.06                  |
|               |            | 6385                   |       | -5.47                                | -5.10        | 0.123                               | -5.26       | -4.21        | 0.123                               | -6.55       | -5.66        | 0.123                               | 2.48                          | 0.91                  |
|               | 6          | 6465                   |       | -5.43                                | -4.97        | 0.123                               | -5.60       | -3.91        | 0.123                               | -6.15       | -4.70        | 0.123                               | 2.48                          | 0.94                  |
|               |            | 6545                   |       | -6.35                                | -5.52        | 0.123                               | -5.85       | -4.94        | 0.123                               | -6.51       | -5.80        | 0.123                               | 2.48                          | 0.24                  |
|               |            | 7                      |       | 6625                                 | -7.24        | -6.43                               | 0.123       | -6.32        | -5.58                               | 0.123       | -7.20        | -6.28                               | 0.123                         | 2.48                  |
|               | 6705       |                        |       | -7.37                                | -5.81        | 0.123                               | -6.64       | -5.36        | 0.123                               | -6.81       | -6.22        | 0.123                               | 2.48                          | -0.34                 |
|               | 6785       |                        |       | -5.76                                | -5.32        | 0.123                               | -5.84       | -5.32        | 0.123                               | -6.29       | -5.48        | 0.123                               | 2.48                          | 0.08                  |
|               | 8          | 6865                   |       | -5.67                                | -5.82        | 0.123                               | -5.41       | -5.27        | 0.123                               | -6.11       | -5.80        | 0.123                               | 2.48                          | 0.27                  |
|               |            | 6945                   |       | -4.52                                | -4.26        | 0.123                               | -4.51       | -3.71        | 0.123                               | -5.46       | -4.66        | 0.123                               | 2.48                          | 1.52                  |
|               |            | 7025                   |       | -5.31                                | -4.86        | 0.123                               | -5.40       | -4.02        | 0.123                               | -5.36       | -5.59        | 0.123                               | -2.94                         | -4.44                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 37                          |              |                                     | RU Index 44 |              |                                     | RU Index 52 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -5.71                                | -5.15        | 0.141                               | -4.06       | -3.93        | 0.141                               | -3.94       | -3.05        | 0.141                               | 3.89                          | 3.57                  |
|                      |            | 6185                   |       | -6.24                                | -5.71        | 0.141                               | -4.48       | -4.62        | 0.141                               | -3.97       | -3.94        | 0.141                               | 3.89                          | 3.09                  |
|                      |            | 6345                   |       | -6.78                                | -5.80        | 0.141                               | -5.48       | -4.40        | 0.141                               | -5.19       | -4.25        | 0.141                               | 2.48                          | 0.94                  |
|                      | 6          | 6505                   |       | -7.28                                | -5.72        | 0.141                               | -5.76       | -4.93        | 0.141                               | -5.81       | -5.07        | 0.141                               | 2.48                          | 0.31                  |
|                      |            | 7                      |       | 6665                                 | -8.66        | -7.40                               | 0.141       | -7.16        | -6.53                               | 0.141       | -6.33        | -5.47                               | 0.141                         | 2.48                  |
|                      | 6825       |                        |       | -7.41                                | -6.93        | 0.141                               | -6.07       | -5.85        | 0.141                               | -5.03       | -4.94        | 0.141                               | 2.48                          | 0.65                  |
|                      | 8          | 6985                   |       | -5.73                                | -5.95        | 0.141                               | -5.44       | -3.91        | 0.141                               | -4.76       | -3.79        | 0.141                               | -2.94                         | -4.04                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S37                         |              |                                     | RU Index S44 |              |                                     | RU Index S52 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.52                                | -3.13        | 0.141                               | -3.83        | -4.40        | 0.141                               | -6.10        | -5.53        | 0.141                               | 3.89                          | 3.72                  |
|                      |            | 6185                   |       | -3.82                                | -3.84        | 0.141                               | -4.53        | -4.17        | 0.141                               | -6.20        | -5.75        | 0.141                               | 3.89                          | 3.21                  |
|                      |            | 6345                   |       | -5.22                                | -3.85        | 0.141                               | -6.00        | -5.27        | 0.141                               | -7.86        | -6.43        | 0.141                               | 2.48                          | 1.15                  |
|                      | 6          | 6505                   |       | -6.06                                | -4.93        | 0.141                               | -6.51        | -5.25        | 0.141                               | -8.42        | -6.92        | 0.141                               | 2.48                          | 0.17                  |
|                      |            | 7                      |       | 6665                                 | -6.95        | -5.77                               | 0.141        | -7.10        | -8.67                               | 0.141        | -8.03        | -7.74                               | 0.141                         | 2.48                  |
|                      | 6825       |                        |       | -5.09                                | -5.29        | 0.141                               | -6.22        | -5.36        | 0.141                               | -7.47        | -7.35        | 0.141                               | 2.48                          | 0.44                  |
|                      | 8          | 6985                   |       | -4.74                                | -3.84        | 0.141                               | -5.96        | -4.71        | 0.141                               | -7.28        | -6.68        | 0.141                               | -2.94                         | -4.06                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} \quad /7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 54 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.74                                | -0.46        | 0.123                               | -0.08       | 0.21         | 0.123                               | 3.89                          | 7.09                  |
|               |            | 6175                   |       | -1.33                                | -0.42        | 0.123                               | -1.11       | -0.33        | 0.123                               | 3.89                          | 6.32                  |
|               |            | 6415                   |       | -1.90                                | -1.75        | 0.123                               | -2.36       | -1.18        | 0.123                               | 2.48                          | 3.88                  |
|               | 6          | 6435                   |       | -2.21                                | -1.29        | 0.123                               | -1.44       | -1.05        | 0.123                               | 2.48                          | 4.37                  |
|               |            | 6475                   |       | -2.37                                | -0.79        | 0.123                               | -2.32       | -1.72        | 0.123                               | 2.48                          | 4.10                  |
|               |            | 6515                   |       | -2.60                                | -1.17        | 0.123                               | -2.32       | -1.46        | 0.123                               | 2.48                          | 3.79                  |
|               | 7          | 6535                   |       | -3.27                                | -2.76        | 0.123                               | -3.39       | -2.53        | 0.123                               | 2.48                          | 2.67                  |
|               |            | 6695                   |       | -2.78                                | -2.34        | 0.123                               | -2.47       | -3.03        | 0.123                               | 2.48                          | 3.06                  |
|               |            | 6855                   |       | -2.38                                | -2.03        | 0.123                               | -2.36       | -1.54        | 0.123                               | 2.48                          | 3.68                  |
|               | 8          | 6875                   |       | -2.34                                | -1.77        | 0.123                               | -2.13       | -2.39        | 0.123                               | 2.48                          | 3.57                  |
|               |            | 6995                   |       | -2.06                                | -0.55        | 0.123                               | -1.83       | -0.80        | 0.123                               | 2.48                          | 4.37                  |
|               |            | 7115                   |       | -1.25                                | -1.21        | 0.123                               | -8.22       | -7.79        | 0.123                               | -2.94                         | -1.04                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 54 |              |                                     | RU Index 56 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.47                                | -0.35        | 0.141                               | -0.25       | -0.14        | 0.141                               | -0.50       | -0.76        | 0.141                               | 3.89                          | 6.85                  |
|               |            | 6165                   |       | -1.17                                | -1.08        | 0.141                               | -1.49       | -1.20        | 0.141                               | -1.56       | -1.05        | 0.141                               | 3.89                          | 5.92                  |
|               |            | 6405                   |       | -2.05                                | -1.22        | 0.141                               | -1.98       | -1.27        | 0.141                               | -2.83       | -1.76        | 0.141                               | 2.48                          | 4.02                  |
|               | 6          | 6445                   |       | -2.02                                | -0.98        | 0.141                               | -1.60       | -1.02        | 0.141                               | -2.51       | -1.18        | 0.141                               | 2.48                          | 4.33                  |
|               |            | 6485                   |       | -2.38                                | -1.15        | 0.141                               | -2.77       | -1.06        | 0.141                               | -2.59       | -1.09        | 0.141                               | 2.48                          | 3.91                  |
|               | 7          | 6525                   |       | -2.08                                | -1.76        | 0.141                               | -2.61       | -1.51        | 0.141                               | -2.89       | -1.60        | 0.141                               | 2.48                          | 3.71                  |
|               |            | 6685                   |       | -3.16                                | -3.04        | 0.141                               | -2.70       | -2.36        | 0.141                               | -2.83       | -2.24        | 0.141                               | 2.48                          | 3.11                  |
|               |            | 6845                   |       | -1.57                                | -2.52        | 0.141                               | -2.06       | -2.27        | 0.141                               | -1.70       | -1.72        | 0.141                               | 2.48                          | 3.92                  |
|               | 8          | 6885                   |       | -1.71                                | -1.83        | 0.141                               | -2.07       | -1.61        | 0.141                               | -2.31       | -1.75        | 0.141                               | 2.48                          | 3.86                  |
|               |            | 7005                   |       | -1.53                                | -0.62        | 0.141                               | -1.93       | -0.49        | 0.141                               | -1.44       | -1.56        | 0.141                               | 2.48                          | 4.58                  |
|               |            | 7085                   |       | -1.21                                | -0.36        | 0.141                               | -1.16       | -0.20        | 0.141                               | -0.91       | -0.68        | 0.141                               | -2.94                         | -0.44                 |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 53                          |              |                                     | RU Index 56 |              |                                     | RU Index 60 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -1.09                                | -0.61        | 0.123                               | -0.25       | 0.17         | 0.123                               | -0.30       | -0.42        | 0.123                               | 3.89                          | 6.99                  |
|               |            | 6145                   |       | -1.72                                | -0.75        | 0.123                               | -0.98       | -0.31        | 0.123                               | -1.03       | -1.27        | 0.123                               | 3.89                          | 6.39                  |
|               |            | 6385                   |       | -2.11                                | -1.85        | 0.123                               | -2.09       | -0.85        | 0.123                               | -2.53       | -1.67        | 0.123                               | 2.48                          | 4.19                  |
|               | 6          | 6465                   |       | -2.09                                | -1.37        | 0.123                               | -2.14       | -1.25        | 0.123                               | -2.48       | -1.85        | 0.123                               | 2.48                          | 3.94                  |
|               |            | 6545                   |       | -2.41                                | -1.97        | 0.123                               | -1.92       | -1.56        | 0.123                               | -3.27       | -2.37        | 0.123                               | 2.48                          | 3.88                  |
|               |            | 7                      |       | 6625                                 | -3.57        | -2.41                               | 0.123       | -3.36        | -2.36                               | 0.123       | -3.26        | -2.46                               | 0.123                         | 2.48                  |
|               | 6705       |                        |       | -3.07                                | -3.39        | 0.123                               | -3.02       | -2.19        | 0.123                               | -3.42       | -3.19        | 0.123                               | 2.48                          | 3.03                  |
|               | 6785       |                        |       | -2.22                                | -2.34        | 0.123                               | -1.74       | -2.22        | 0.123                               | -2.46       | -2.73        | 0.123                               | 2.48                          | 3.64                  |
|               | 8          | 6865                   |       | -2.72                                | -2.42        | 0.123                               | -1.88       | -1.54        | 0.123                               | -2.51       | -2.97        | 0.123                               | 2.48                          | 3.91                  |
|               |            | 6945                   |       | -1.13                                | -1.37        | 0.123                               | -1.23       | -0.10        | 0.123                               | -1.70       | -1.34        | 0.123                               | 2.48                          | 4.98                  |
|               |            | 7025                   |       | -1.70                                | -0.89        | 0.123                               | -1.89       | -0.57        | 0.123                               | -2.23       | -1.42        | 0.123                               | -2.94                         | -0.99                 |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |      |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|------|
|                      |            |                        |       | RU Index 53                          |              |                                     | RU Index 56 |              |                                     | RU Index 60 |              |                                     |                               |                       |      |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |      |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -2.43                                | -2.07        | 0.141                               | -0.61       | -0.61        | 0.141                               | 0.03        | -0.23        | 0.141                               | 3.89                          | 6.94                  |      |
|                      |            | 6185                   |       | -1.95                                | -2.27        | 0.141                               | -1.13       | -0.60        | 0.141                               | -0.18       | -0.61        | 0.141                               | 3.89                          | 6.65                  |      |
|                      |            | 6345                   |       | -2.86                                | -2.66        | 0.141                               | -1.59       | -2.20        | 0.141                               | -1.88       | -1.51        | 0.141                               | 2.48                          | 3.94                  |      |
|                      | 6          | 6505                   |       | -3.26                                | -2.59        | 0.141                               | -2.42       | -2.22        | 0.141                               | -2.30       | -1.51        | 0.141                               | 2.48                          | 3.74                  |      |
|                      |            | 7                      |       | 6665                                 | -5.02        | -4.34                               | 0.141       | -3.45        | -3.36                               | 0.141       | -2.72        | -2.39                               | 0.141                         | 2.48                  | 3.08 |
|                      |            |                        |       | 6825                                 | -3.91        | -3.71                               | 0.141       | -2.85        | -2.69                               | 0.141       | -1.84        | -2.48                               | 0.141                         | 2.48                  | 3.48 |
|                      | 8          | 6985                   |       | -2.36                                | -2.43        | 0.141                               | -1.69       | -1.55        | 0.141                               | -1.93       | -0.53        | 0.141                               | -2.94                         | -0.96                 |      |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |      |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|------|
|                      |            |                        |       | RU Index S53                         |              |                                     | RU Index S56 |              |                                     | RU Index S60 |              |                                     |                               |                       |      |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |      |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.89                                | -0.55        | 0.141                               | -1.05        | -0.36        | 0.141                               | -2.37        | -2.75        | 0.141                               | 3.89                          | 6.35                  |      |
|                      |            | 6185                   |       | -1.11                                | -0.51        | 0.141                               | -0.74        | -1.44        | 0.141                               | -2.76        | -2.62        | 0.141                               | 3.89                          | 6.24                  |      |
|                      |            | 6345                   |       | -1.97                                | -1.08        | 0.141                               | -2.65        | -1.71        | 0.141                               | -3.97        | -3.49        | 0.141                               | 2.48                          | 4.13                  |      |
|                      | 6          | 6505                   |       | -2.66                                | -1.86        | 0.141                               | -2.55        | -1.91        | 0.141                               | -4.23        | -4.11        | 0.141                               | 2.48                          | 3.41                  |      |
|                      |            | 7                      |       | 6665                                 | -3.32        | -2.45                               | 0.141        | -3.30        | -3.49                               | 0.141        | -4.36        | -4.78                               | 0.141                         | 2.48                  | 2.77 |
|                      |            |                        |       | 6825                                 | -2.55        | -2.15                               | 0.141        | -2.31        | -2.00                               | 0.141        | -4.27        | -4.26                               | 0.141                         | 2.48                  | 3.48 |
|                      | 8          | 6985                   |       | -1.8                                 | -1.05        | 0.141                               | -2.38        | -1.19        | 0.141                               | -3.85        | -2.91        | 0.141                               | -2.94                         | -1.20                 |      |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} \quad /7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 2.6                                  | 1.73         | 0.123                               | 3.89                          | 9.21                  |
|               |            | 6175                   |       | 2.38                                 | 1.38         | 0.123                               | 3.89                          | 8.93                  |
|               |            | 6415                   |       | 2.54                                 | 2.01         | 0.123                               | 2.48                          | 7.90                  |
|               | 6          | 6435                   |       | 1.57                                 | 0.63         | 0.123                               | 2.48                          | 6.74                  |
|               |            | 6475                   |       | 1.79                                 | 1.58         | 0.123                               | 2.48                          | 7.30                  |
|               |            | 6515                   |       | 1.66                                 | 1.04         | 0.123                               | 2.48                          | 6.97                  |
|               | 7          | 6535                   |       | -0.36                                | 0.28         | 0.123                               | 2.48                          | 5.59                  |
|               |            | 6695                   |       | -0.6                                 | 0.22         | 0.123                               | 2.48                          | 5.44                  |
|               |            | 6855                   |       | 0.67                                 | 0.06         | 0.123                               | 2.48                          | 5.99                  |
|               | 8          | 6875                   |       | 0.29                                 | 0.31         | 0.123                               | 2.48                          | 5.91                  |
|               |            | 6995                   |       | 1.57                                 | 1.81         | 0.123                               | 2.48                          | 7.30                  |
|               |            | 7115                   |       | -5.27                                | -4.76        | 0.123                               | -2.94                         | -4.81                 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 2.09                                 | 1.67         | 0.141                               | 2.55        | 1.46         | 0.141                               | 3.89                          | 9.08                  |
|               |            | 6165                   |       | 2.01                                 | 1.71         | 0.141                               | 2.12        | 1.16         | 0.141                               | 3.89                          | 8.90                  |
|               |            | 6405                   |       | 2.65                                 | 1.39         | 0.141                               | 2.54        | 1.6          | 0.141                               | 2.48                          | 7.73                  |
|               | 6          | 6445                   |       | 1.52                                 | 1.05         | 0.141                               | 1.39        | 0.64         | 0.141                               | 2.48                          | 6.92                  |
|               |            | 6485                   |       | 1.68                                 | 1.15         | 0.141                               | 1.54        | 1.57         | 0.141                               | 2.48                          | 7.19                  |
|               | 7          | 6525                   |       | 2.13                                 | 1.09         | 0.141                               | 2.21        | 1.97         | 0.141                               | 2.48                          | 7.72                  |
|               |            | 6685                   |       | 0.04                                 | 0.07         | 0.141                               | -0.37       | -0.23        | 0.141                               | 2.48                          | 5.69                  |
|               |            | 6845                   |       | 1.06                                 | 0.05         | 0.141                               | 0.87        | 0.05         | 0.141                               | 2.48                          | 6.22                  |
|               | 8          | 6885                   |       | 0.17                                 | 0.68         | 0.141                               | 0.51        | 0.22         | 0.141                               | 2.48                          | 6.06                  |
|               |            | 7005                   |       | 1.14                                 | 1.84         | 0.141                               | 0.66        | 1.56         | 0.141                               | 2.48                          | 7.14                  |
|               |            | 7085                   |       | 1.63                                 | 1.76         | 0.141                               | 1.91        | 1.9          | 0.141                               | -2.94                         | 2.12                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi} /$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     | RU Index 64 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.35                                 | 2.58         | 0.123                               | 2.78        | 1.61         | 0.123                               | 2.33        | 1.55         | 0.123                               | 3.89                          | 9.49                  |
|               |            | 6145                   |       | 2.01                                 | 1.58         | 0.123                               | 2.07        | 1.65         | 0.123                               | 2.15        | 1.85         | 0.123                               | 3.89                          | 9.03                  |
|               |            | 6385                   |       | 2.02                                 | 2.07         | 0.123                               | 3.02        | 1.9          | 0.123                               | 2.17        | 1.64         | 0.123                               | 2.48                          | 8.11                  |
|               | 6          | 6465                   |       | 2.37                                 | 1.16         | 0.123                               | 2.38        | 2.37         | 0.123                               | 1.83        | 1.63         | 0.123                               | 2.48                          | 7.99                  |
|               |            | 6545                   |       | 2.05                                 | 1.77         | 0.123                               | 2.54        | 2.21         | 0.123                               | 2.45        | 2.23         | 0.123                               | 2.48                          | 7.99                  |
|               | 7          | 6625                   |       | -1.15                                | 0.01         | 0.123                               | -0.44       | -0.06        | 0.123                               | -0.96       | -0.54        | 0.123                               | 2.48                          | 5.37                  |
|               |            | 6705                   |       | -0.27                                | -0.89        | 0.123                               | -0.33       | -0.03        | 0.123                               | -0.75       | -0.14        | 0.123                               | 2.48                          | 5.44                  |
|               |            | 6785                   |       | 0.6                                  | 0.63         | 0.123                               | 1.01        | 0.45         | 0.123                               | 0.65        | 0.64         | 0.123                               | 2.48                          | 6.35                  |
|               | 8          | 6865                   |       | 0.42                                 | -0.11        | 0.123                               | 1.02        | 0.87         | 0.123                               | 0.22        | -0.24        | 0.123                               | 2.48                          | 6.56                  |
|               |            | 6945                   |       | 1.68                                 | 1.61         | 0.123                               | 2.04        | 1.93         | 0.123                               | 1.4         | 2.33         | 0.123                               | 2.48                          | 7.60                  |
|               |            | 7025                   |       | 0.41                                 | 1.15         | 0.123                               | 1           | 1.17         | 0.123                               | 1.07        | 1.25         | 0.123                               | -2.94                         | 1.35                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 61                          |              |                                     | RU Index 62 |              |                                     | RU Index 64 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 2.07                                 | 2.31         | 0.141                               | 2.95        | 2.08         | 0.141                               | 2.95        | 2.08         | 0.141                               | 3.89                          | 9.58                  |
|                      |            | 6185                   |       | 2.54                                 | 2.16         | 0.141                               | 2.23        | 2.29         | 0.141                               | 2.23        | 2.29         | 0.141                               | 3.89                          | 9.40                  |
|                      |            | 6345                   |       | 2.46                                 | 2.31         | 0.141                               | 2.5         | 2.53         | 0.141                               | 2.5         | 2.53         | 0.141                               | 2.48                          | 8.15                  |
|                      | 6          | 6505                   |       | 2.2                                  | 1.13         | 0.141                               | 2.7         | 2.66         | 0.141                               | 2.7         | 2.66         | 0.141                               | 2.48                          | 8.31                  |
|                      |            | 6665                   |       | -1.11                                | 0.1          | 0.141                               | -0.08       | 0.19         | 0.141                               | -0.08       | 0.19         | 0.141                               | 2.48                          | 6.67                  |
|                      | 7          | 6825                   |       | -0.06                                | -0.03        | 0.141                               | 1.49        | 0.56         | 0.141                               | 1.49        | 0.56         | 0.141                               | 2.48                          | 7.47                  |
|                      |            | 6985                   |       | 1.32                                 | 1.46         | 0.141                               | 1.62        | 1.92         | 0.141                               | 1.62        | 1.92         | 0.141                               | -2.94                         | 2.83                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S61                         |              |                                     | RU Index S62 |              |                                     | RU Index S64 |              |                                     |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 2.41                                 | 1.77         | 0.141                               | 2.2          | 1.62         | 0.141                               | 2.48         | 1.97         | 0.141                               | 3.89                          | 9.27                  |
|                      |            | 6185                   |       | 2.38                                 | 1.73         | 0.141                               | 2.7          | 1.4          | 0.141                               | 2.39         | 2.07         | 0.141                               | 3.89                          | 9.27                  |
|                      |            | 6345                   |       | 2.41                                 | 1.96         | 0.141                               | 2.41         | 1.56         | 0.141                               | 2.37         | 2.25         | 0.141                               | 2.48                          | 7.94                  |
|                      | 6          | 6505                   |       | 1.93                                 | 1.43         | 0.141                               | 2.13         | 1.77         | 0.141                               | 2.72         | 2.34         | 0.141                               | 2.48                          | 8.17                  |
|                      |            | 6665                   |       | 0.8                                  | 0.9          | 0.141                               | 0.49         | 0.57         | 0.141                               | -0.89        | -0.63        | 0.141                               | 2.48                          | 6.48                  |
|                      | 7          | 6825                   |       | 1.87                                 | 1.63         | 0.141                               | 1.73         | 1.75         | 0.141                               | 0.72         | 0.33         | 0.141                               | 2.48                          | 7.38                  |
|                      |            | 6985                   |       | 3.03                                 | 2.53         | 0.141                               | 2.17         | 2.78         | 0.141                               | 0.83         | 1.56         | 0.141                               | -2.94                         | 3.00                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} \quad /7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 65                          |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 6.03                                 | 4.96         | 0.141                               | 3.89                          | 12.57                 |
|               |            | 6165                   |       | 5.46                                 | 5.53         | 0.141                               | 3.89                          | 12.54                 |
|               |            | 6405                   |       | 5.84                                 | 5.39         | 0.141                               | 2.48                          | 11.25                 |
|               | 6          | 6445                   |       | 5.61                                 | 4.57         | 0.141                               | 2.48                          | 10.75                 |
|               |            | 6485                   |       | 5.46                                 | 4.79         | 0.141                               | 2.48                          | 10.77                 |
|               |            | 7                      |       | 6525                                 | 6.03         | 4.71                                | 0.141                         | 2.48                  |
|               | 6685       |                        |       | 4.78                                 | 4.26         | 0.141                               | 2.48                          | 10.16                 |
|               | 6845       |                        |       | 5                                    | 4.45         | 0.141                               | 2.48                          | 10.37                 |
|               | 8          | 6885                   |       | 4.91                                 | 3.96         | 0.141                               | 2.48                          | 10.09                 |
|               |            | 7005                   |       | 4.35                                 | 4.28         | 0.141                               | 2.48                          | 9.95                  |
|               |            | 7085                   |       | 4.41                                 | 4.17         | 0.141                               | -2.94                         | 4.50                  |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |             |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 65                          |              |                                     | RU Index 66 |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.82                                 | 5.44         | 0.123                               | 5.83        | 5.39         | 0.123                               | 3.89                          | 12.66                 |
|               |            | 6145                   |       | 5.48                                 | 4.64         | 0.123                               | 5.25        | 4.8          | 0.123                               | 3.89                          | 12.10                 |
|               |            | 6385                   |       | 5.39                                 | 5.38         | 0.123                               | 5.44        | 5.16         | 0.123                               | 2.48                          | 11.00                 |
|               | 6          | 6465                   |       | 5.38                                 | 5.31         | 0.123                               | 5.32        | 5.13         | 0.123                               | 2.48                          | 10.96                 |
|               |            | 6545                   |       | 5.15                                 | 5.43         | 0.123                               | 5.41        | 5.35         | 0.123                               | 2.48                          | 10.99                 |
|               |            | 7                      |       | 6625                                 | 4.98         | 4.11                                | 0.123       | 4.34         | 3.95                                | 0.123                         | 2.48                  |
|               | 6705       |                        |       | 4.94                                 | 4.57         | 0.123                               | 4.73        | 4.3          | 0.123                               | 2.48                          | 10.37                 |
|               | 6785       |                        |       | 4.75                                 | 4.24         | 0.123                               | 5.15        | 3.72         | 0.123                               | 2.48                          | 10.12                 |
|               | 8          | 6865                   |       | 5.2                                  | 3.67         | 0.123                               | 4.83        | 4.32         | 0.123                               | 2.48                          | 10.20                 |
|               |            | 6945                   |       | 4.54                                 | 4.05         | 0.123                               | 5.04        | 4.39         | 0.123                               | 2.48                          | 10.34                 |
|               |            | 7025                   |       | 4.48                                 | 4.01         | 0.123                               | 4.99        | 4.33         | 0.123                               | -2.94                         | 4.87                  |

Note: 1. All results have been included cable loss.  
 2. EIRP limit is 24dBm  
 3. Duty cycle factor is not applicable for duty cycle > 98%.  
 4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.  
 5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain: 5925MHz:  $10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89$ dBi /  
 6525MHz:  $10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48$ dBi /7125MHz:  $10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94$ dBi  
 The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).



| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |  |             |              |  | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|--|-------------|--------------|--|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index 65                          |              |  | RU Index 66 |              |  |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor Note 3<br>10log(1/X) | ANT A (AUX) | ANT B (Main) | Duty Cycle Factor Note 3<br>10log(1/X) |                               |                       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 5.67                                 | 4.89         | 0.141                                  | 5.99        | 5.04         | 0.141                                  | 3.89                          | 12.58                 |
|                      |            | 6185                   |       | 5.67                                 | 5.43         | 0.141                                  | 5.59        | 4.91         | 0.141                                  | 3.89                          | 12.59                 |
|                      |            | 6345                   |       | 5.4                                  | 4.86         | 0.141                                  | 5.52        | 5.73         | 0.141                                  | 2.48                          | 11.26                 |
|                      | 6          | 6505                   |       | 5.12                                 | 5.43         | 0.141                                  | 5.95        | 5.02         | 0.141                                  | 2.48                          | 11.14                 |
|                      | 7          | 6665                   |       | 4.68                                 | 4.83         | 0.141                                  | 4.45        | 4.6          | 0.141                                  | 2.48                          | 10.39                 |
|                      |            | 6825                   |       | 5.13                                 | 4.57         | 0.141                                  | 5.23        | 4.28         | 0.141                                  | 2.48                          | 10.49                 |
|                      | 8          | 6985                   |       | 4.85                                 | 3.77         | 0.141                                  | 5.13        | 3.81         | 0.141                                  | -2.94                         | 4.73                  |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |  |              |              |  | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------------|------------|------------------------|-------|--------------------------------------|--------------|--|--------------|--------------|--|-------------------------------|-----------------------|
|                      |            |                        |       | RU Index S65                         |              |  | RU Index S66 |              |  |                               |                       |
|                      |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor Note 3<br>10log(1/X) | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor Note 3<br>10log(1/X) |                               |                       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 5.36                                 | 5.28         | 0.141                                  | 5.47         | 4.52         | 0.141                                  | 3.89                          | 12.36                 |
|                      |            | 6185                   |       | 5.87                                 | 5.16         | 0.141                                  | 5.53         | 5.01         | 0.141                                  | 3.89                          | 12.57                 |
|                      |            | 6345                   |       | 5.16                                 | 5.2          | 0.141                                  | 5.51         | 5.14         | 0.141                                  | 2.48                          | 10.96                 |
|                      | 6          | 6505                   |       | 5.25                                 | 5.02         | 0.141                                  | 5.27         | 5.01         | 0.141                                  | 2.48                          | 10.77                 |
|                      | 7          | 6665                   |       | 4.88                                 | 4.14         | 0.141                                  | 4.91         | 3.57         | 0.141                                  | 2.48                          | 10.16                 |
|                      |            | 6825                   |       | 5.26                                 | 4.7          | 0.141                                  | 4.96         | 4.53         | 0.141                                  | 2.48                          | 10.62                 |
|                      | 8          | 6985                   |       | 4.96                                 | 4.07         | 0.141                                  | 5.19         | 4.5          | 0.141                                  | -2.94                         | 5.07                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} / 7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|---------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|               |            |                        |       | RU Index 67                          |              |                                     |                               |                       |
|               |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.22                                 | 7.2          | 0.123                               | 3.89                          | 14.23                 |
|               |            | 6145                   |       | 7.58                                 | 7.61         | 0.123                               | 3.89                          | 14.62                 |
|               |            | 6385                   |       | 7.57                                 | 7.14         | 0.123                               | 2.48                          | 12.97                 |
|               | 6          | 6465                   |       | 7.4                                  | 7.24         | 0.123                               | 2.48                          | 12.93                 |
|               |            | 6545                   |       | 7.77                                 | 7.19         | 0.123                               | 2.48                          | 13.10                 |
|               | 7          | 6625                   |       | 6.49                                 | 6.61         | 0.123                               | 2.48                          | 12.16                 |
|               |            | 6705                   |       | 7.04                                 | 6.08         | 0.123                               | 2.48                          | 12.20                 |
|               |            | 6785                   |       | 7.05                                 | 5.94         | 0.123                               | 2.48                          | 12.14                 |
|               | 8          | 6865                   |       | 6.9                                  | 6.17         | 0.123                               | 2.48                          | 12.16                 |
|               |            | 6945                   |       | 6.69                                 | 6.82         | 0.123                               | 2.48                          | 12.37                 |
|               |            | 7025                   |       | 6.83                                 | 6.83         | 0.123                               | -2.94                         | 7.02                  |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |              |                                     |              |              |                                     | Directional gain (dBi) Note 5 | Max EIRP (dBm) Note 4 |
|----------------|------------|------------------------|-------|--------------------------------------|--------------|-------------------------------------|--------------|--------------|-------------------------------------|-------------------------------|-----------------------|
|                |            |                        |       | RU Index 67                          |              |                                     | RU Index S67 |              |                                     |                               |                       |
|                |            |                        |       | ANT A (AUX)                          | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 | ANT A (AUX)  | ANT B (Main) | Duty Cycle Factor 10log(1/X) Note 3 |                               |                       |
| 802.11ax-HE160 | 5          | 6025                   | 484T  | 7.5                                  | 7.24         | 0.141                               | 7.39         | 7.14         | 0.141                               | 3.89                          | 14.41                 |
|                |            | 6185                   |       | 7.64                                 | 7.54         | 0.141                               | 7.73         | 7.27         | 0.141                               | 3.89                          | 14.63                 |
|                |            | 6345                   |       | 7.57                                 | 7.94         | 0.141                               | 7.26         | 7.32         | 0.141                               | 2.48                          | 13.39                 |
|                | 6          | 6505                   |       | 6.96                                 | 7.04         | 0.141                               | 6.88         | 6.84         | 0.141                               | 2.48                          | 12.63                 |
|                |            | 6665                   |       | 6.54                                 | 6.34         | 0.141                               | 6.6          | 6.31         | 0.141                               | 2.48                          | 12.09                 |
|                | 7          | 6825                   |       | 6.2                                  | 6.41         | 0.141                               | 6.77         | 6.63         | 0.141                               | 2.48                          | 12.33                 |
|                |            | 6985                   |       | 6.31                                 | 6.29         | 0.141                               | 6.11         | 6.33         | 0.141                               | -2.94                         | 6.51                  |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

5. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

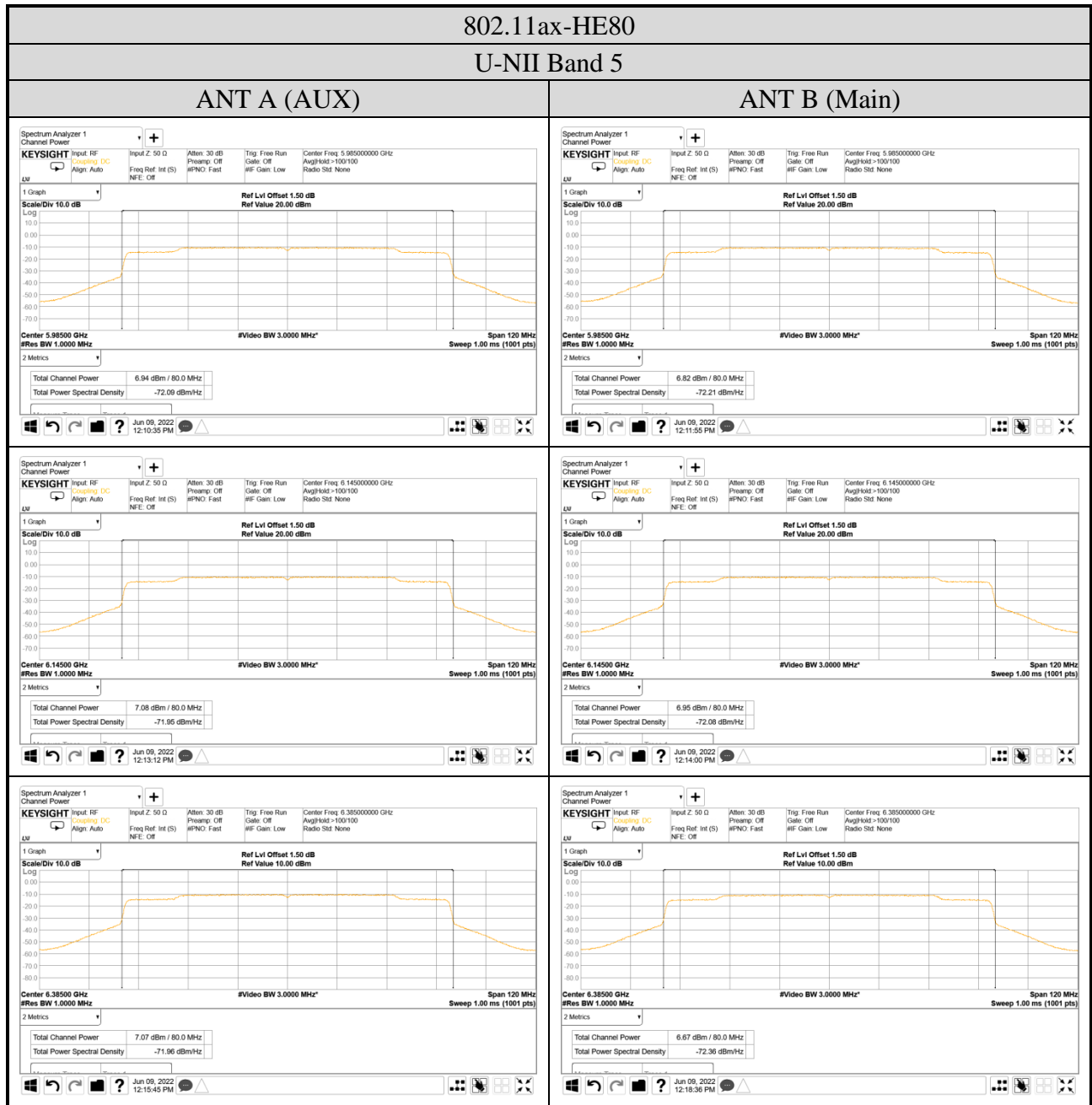
$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

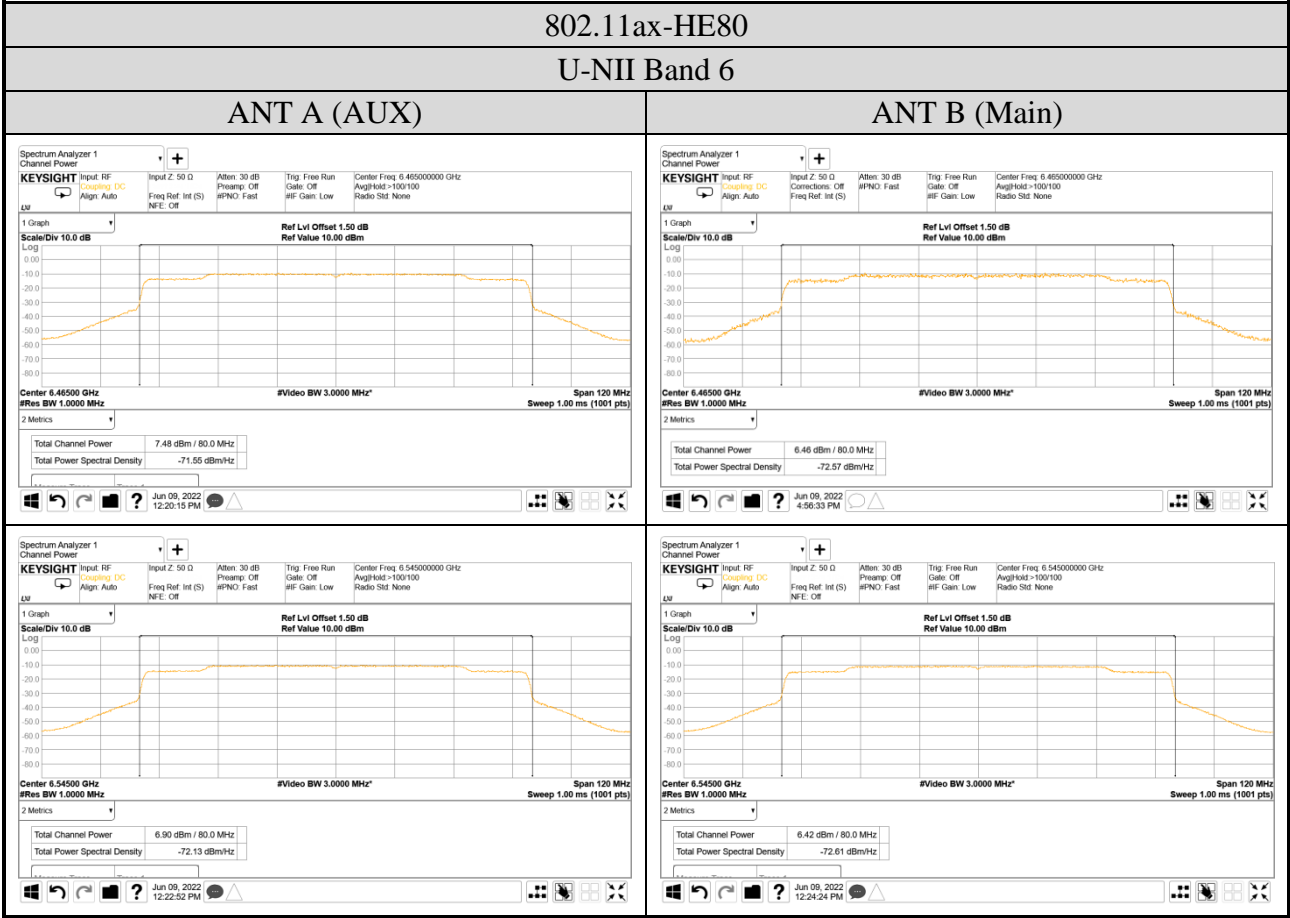
$$\text{Directional gain: } 5925\text{MHz: } 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$$

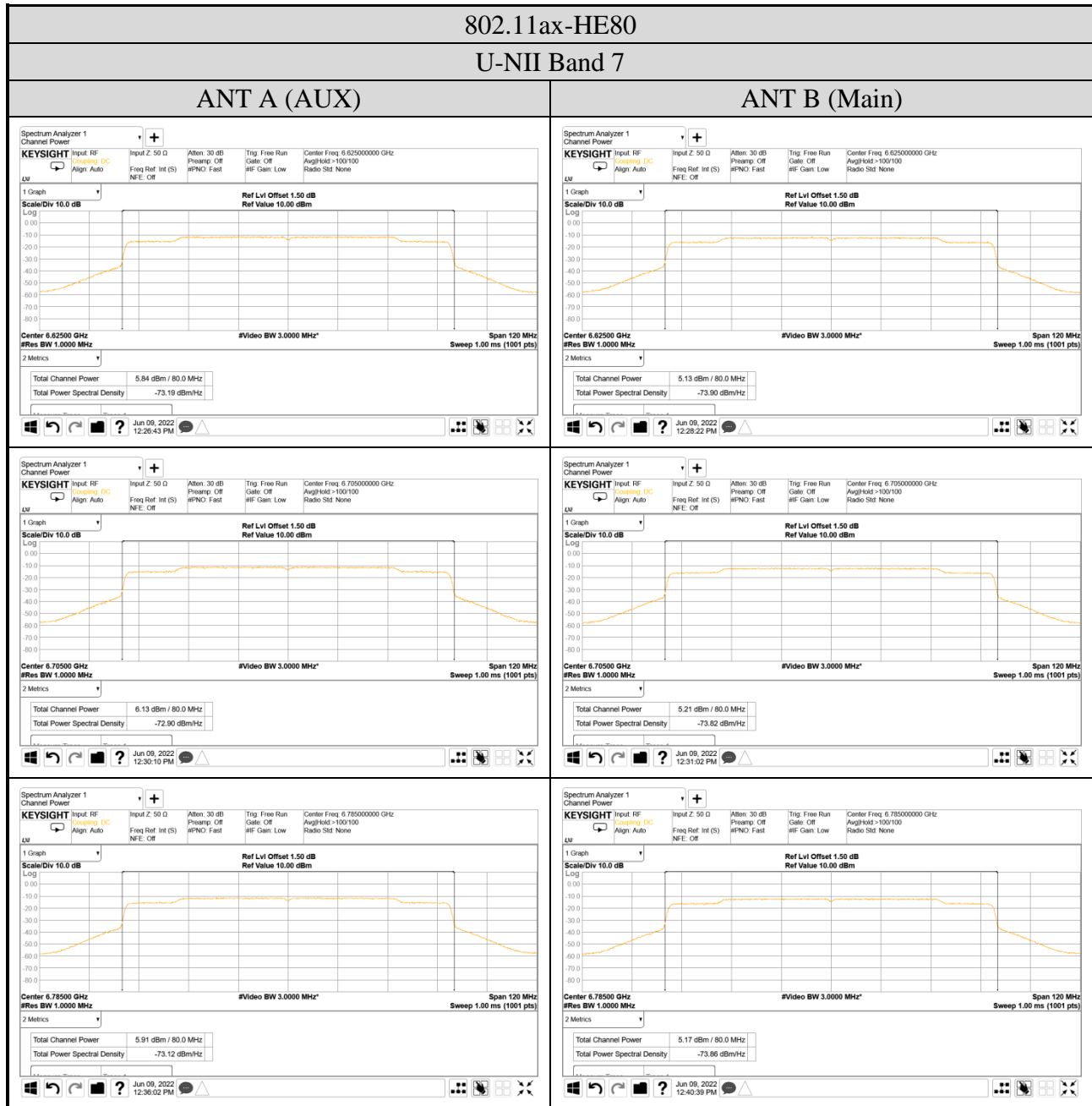
$$6525\text{MHz: } 10 \log[(10^{3.4/10} + 10^{1.3/10})/2] = 2.48\text{dBi} \quad /7125\text{MHz: } 10 \log[(10^{-4.9/10} + 10^{-1.6/10})/2] = -2.94\text{dBi}$$

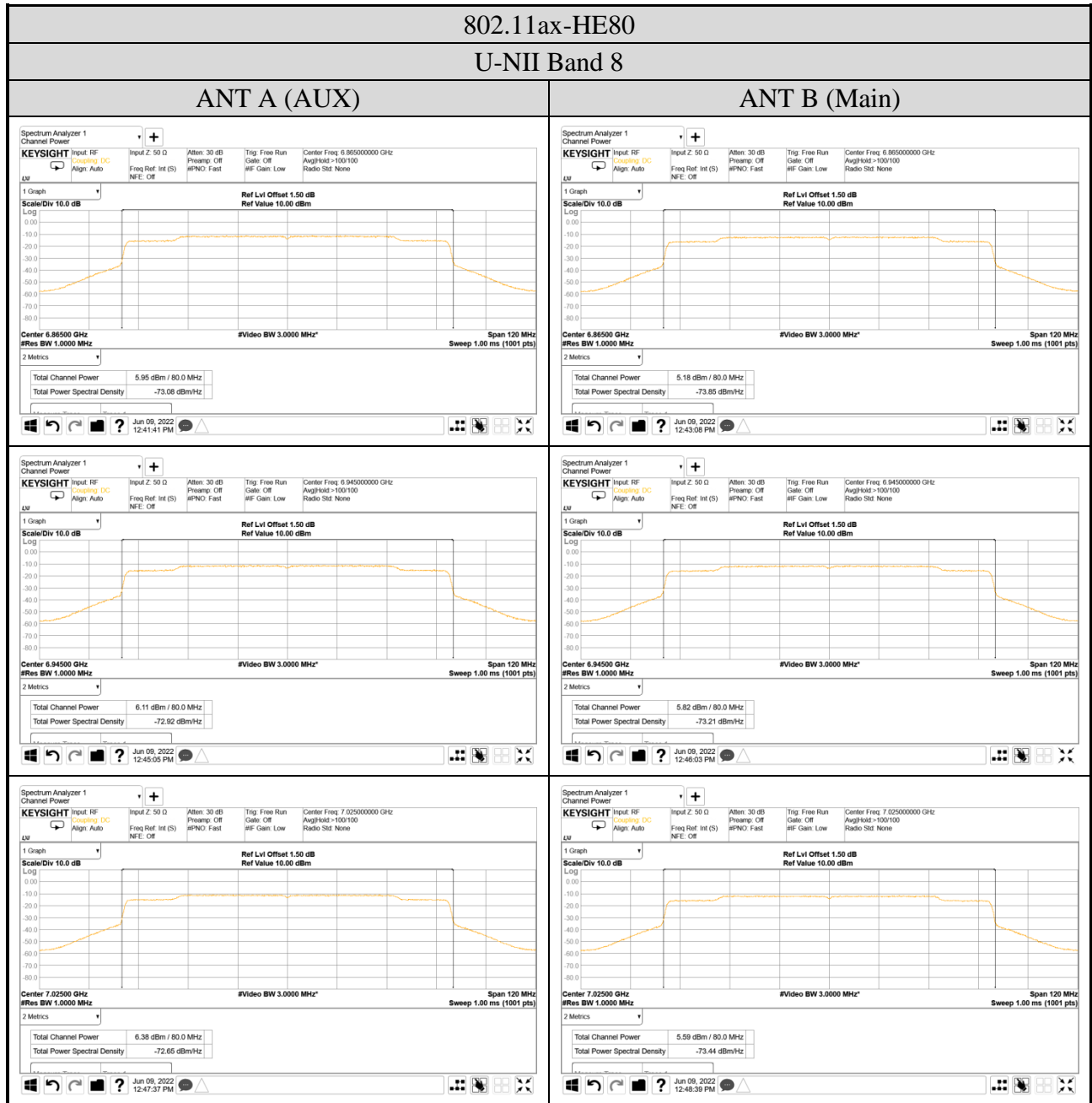
The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

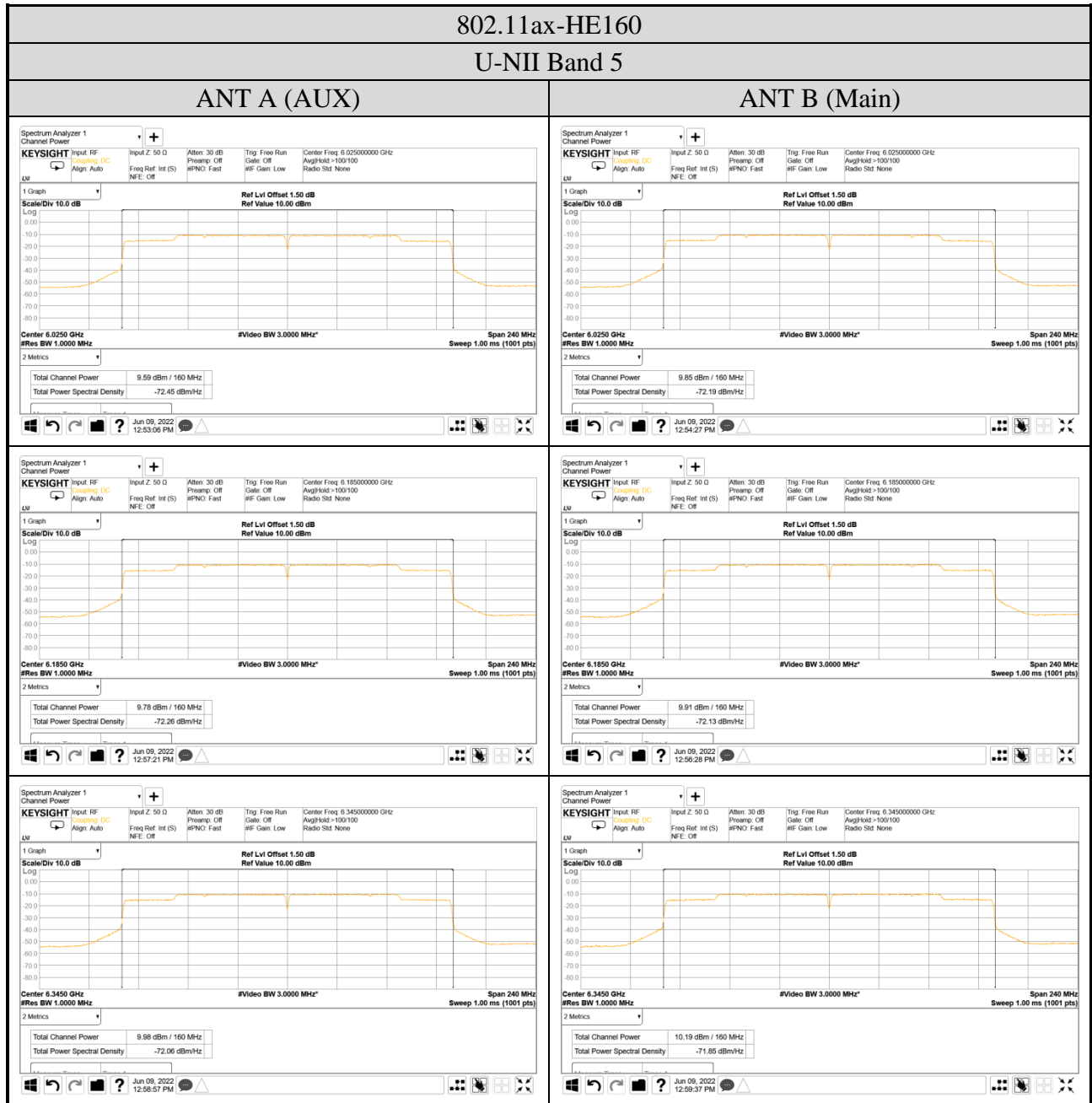
A.3.2 Measurement Plots

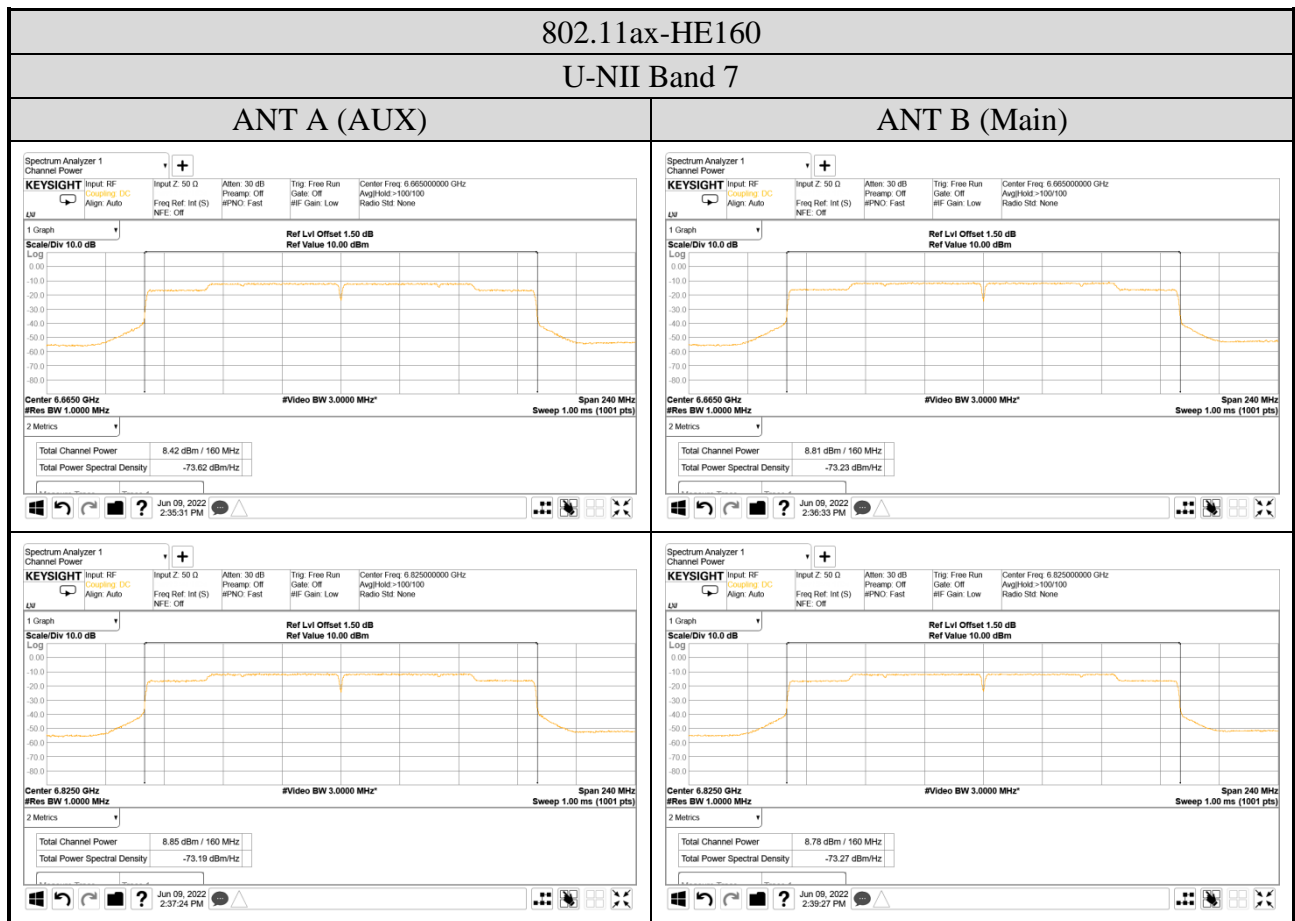
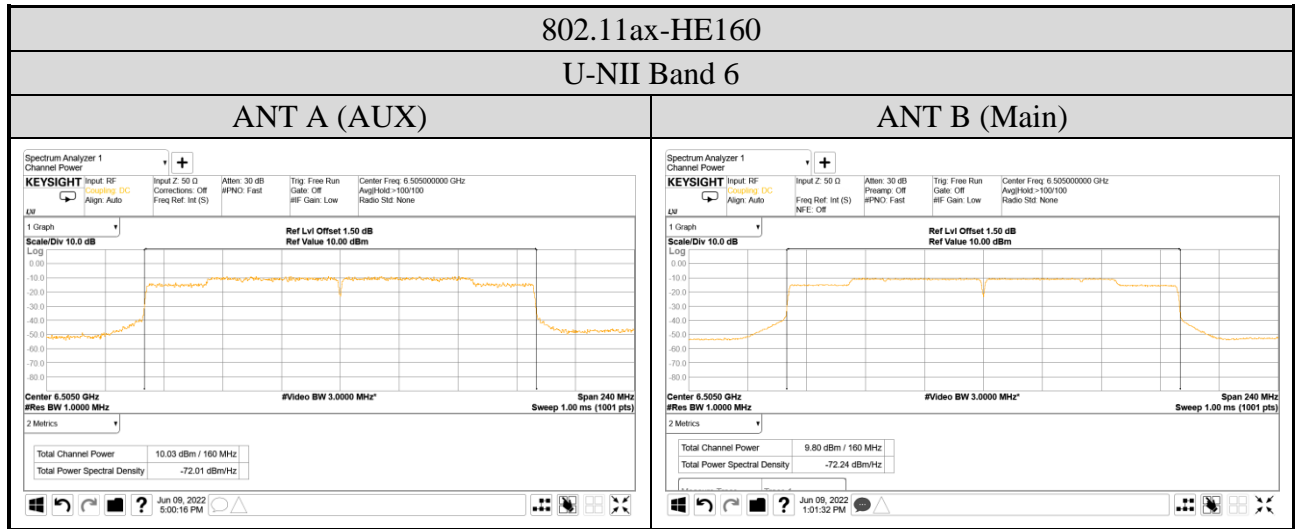




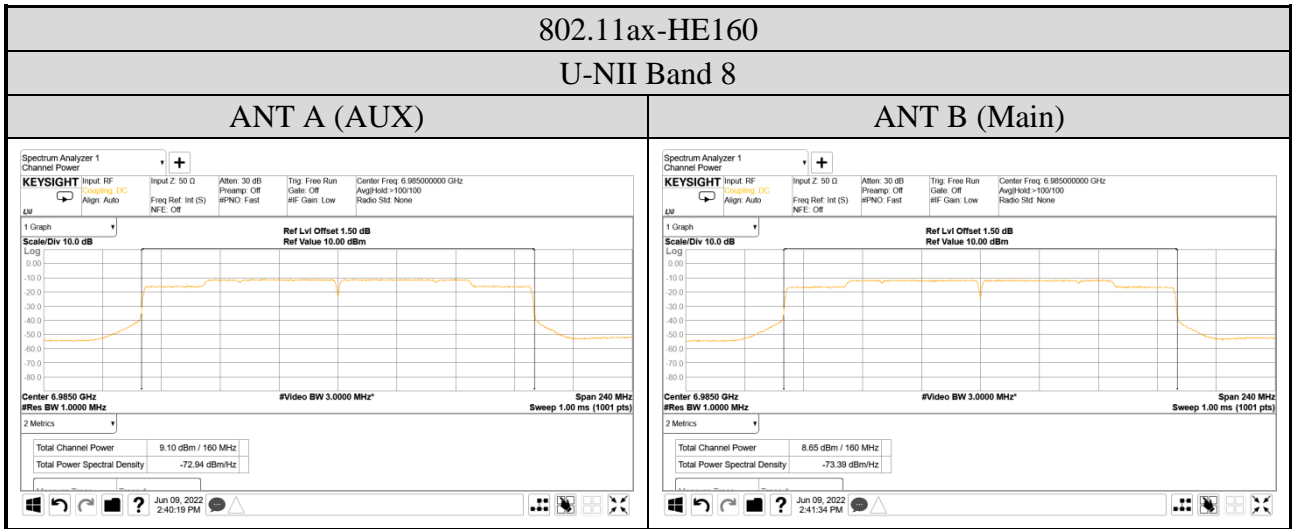


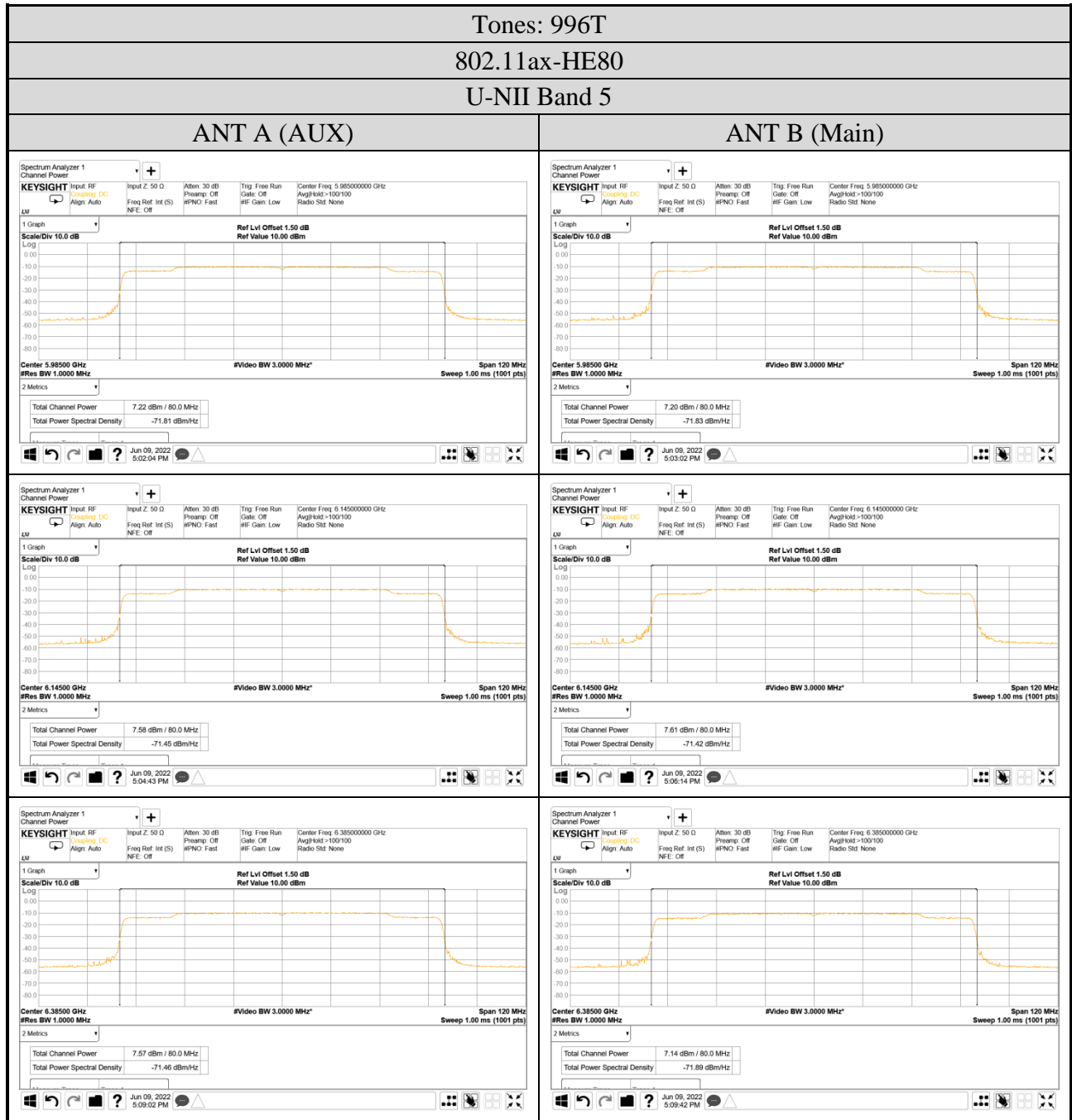






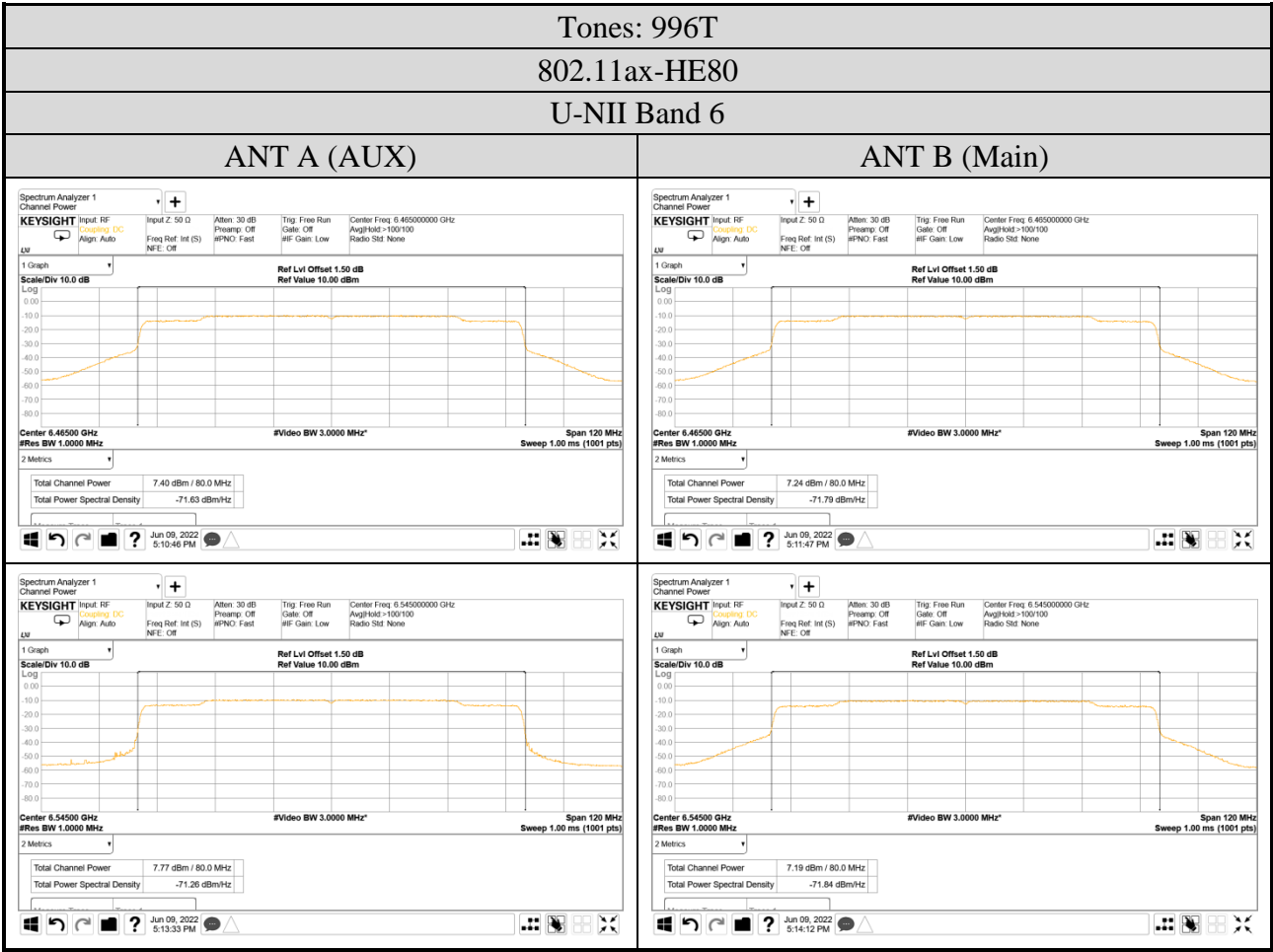


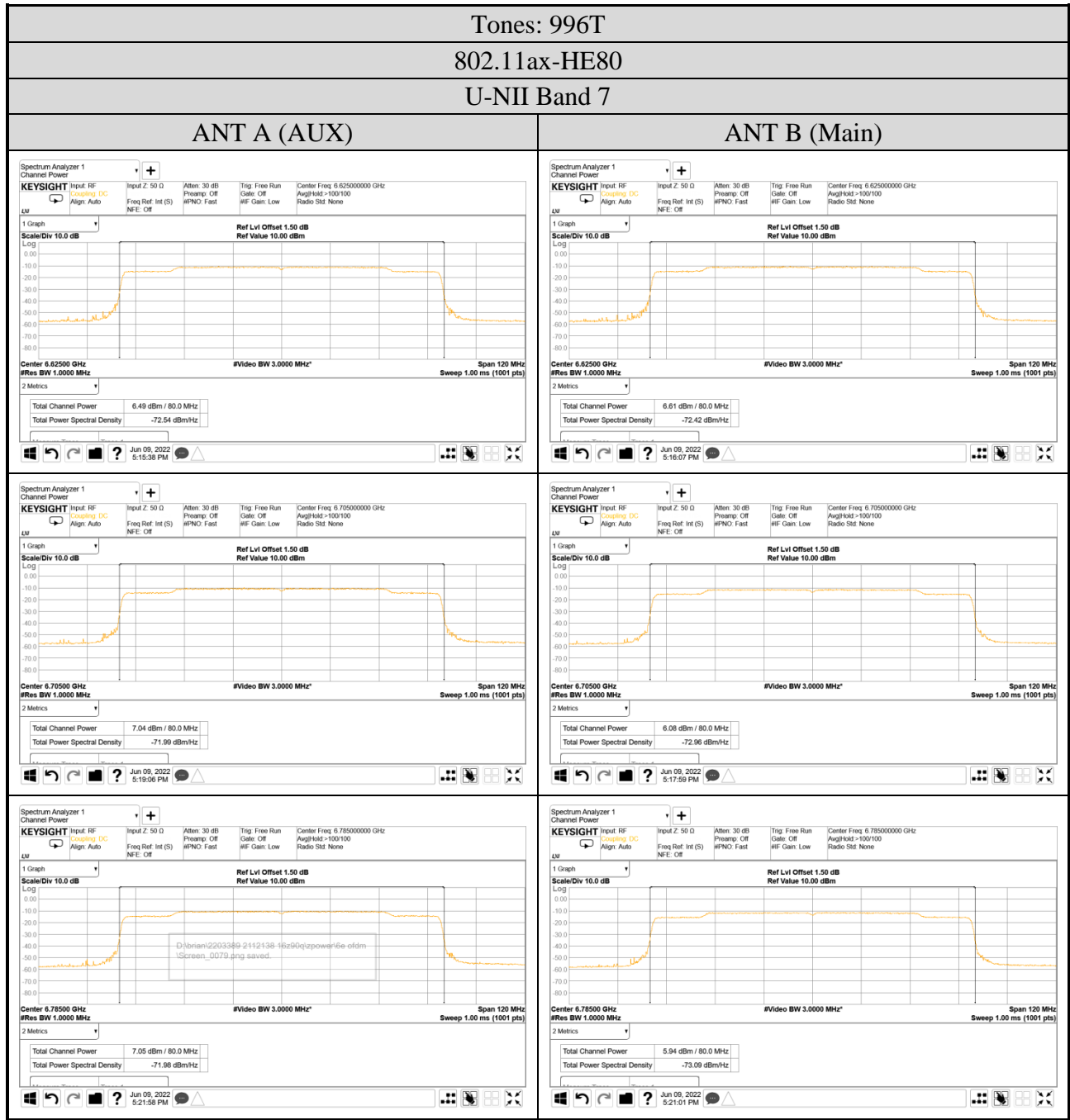


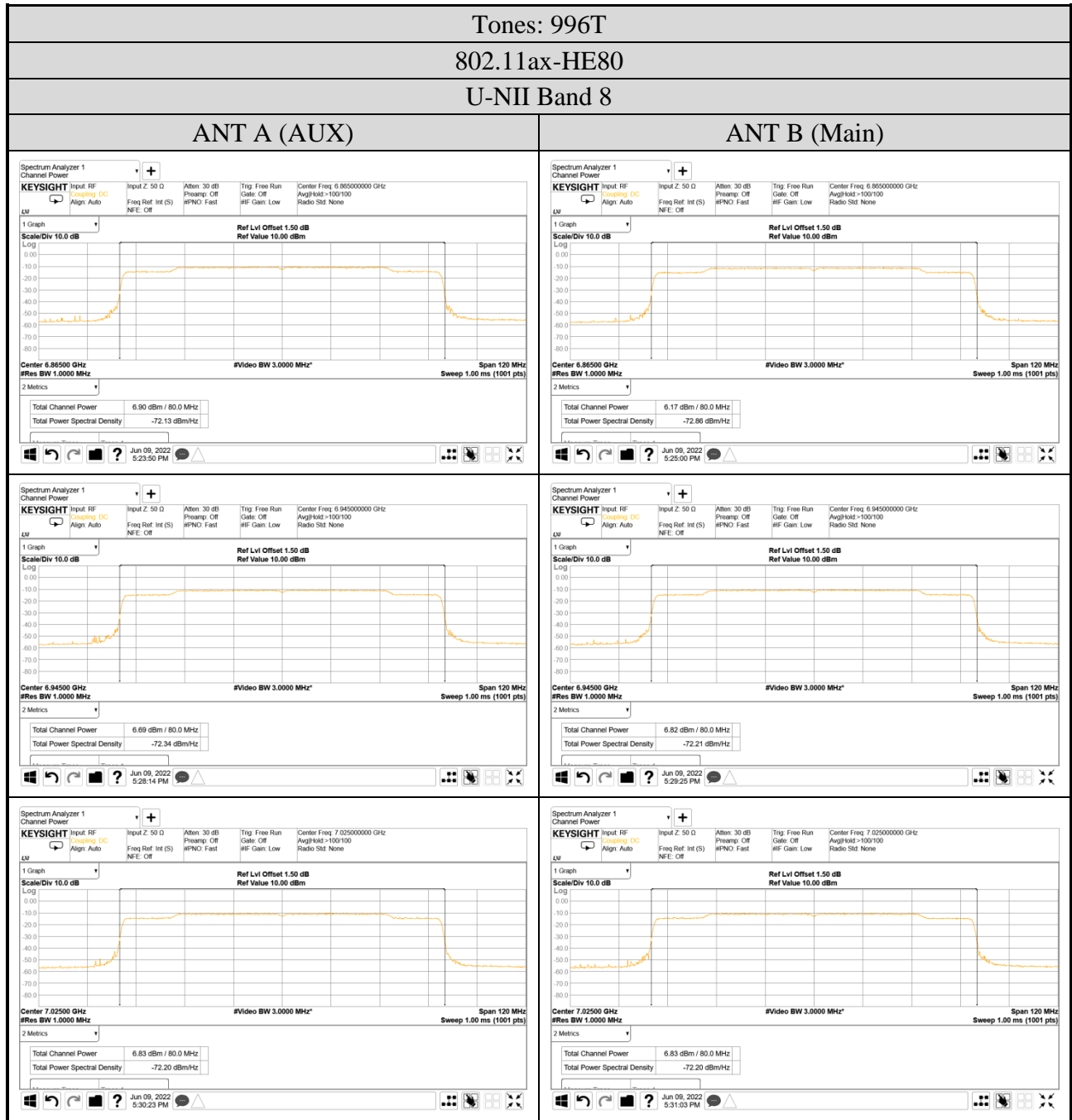


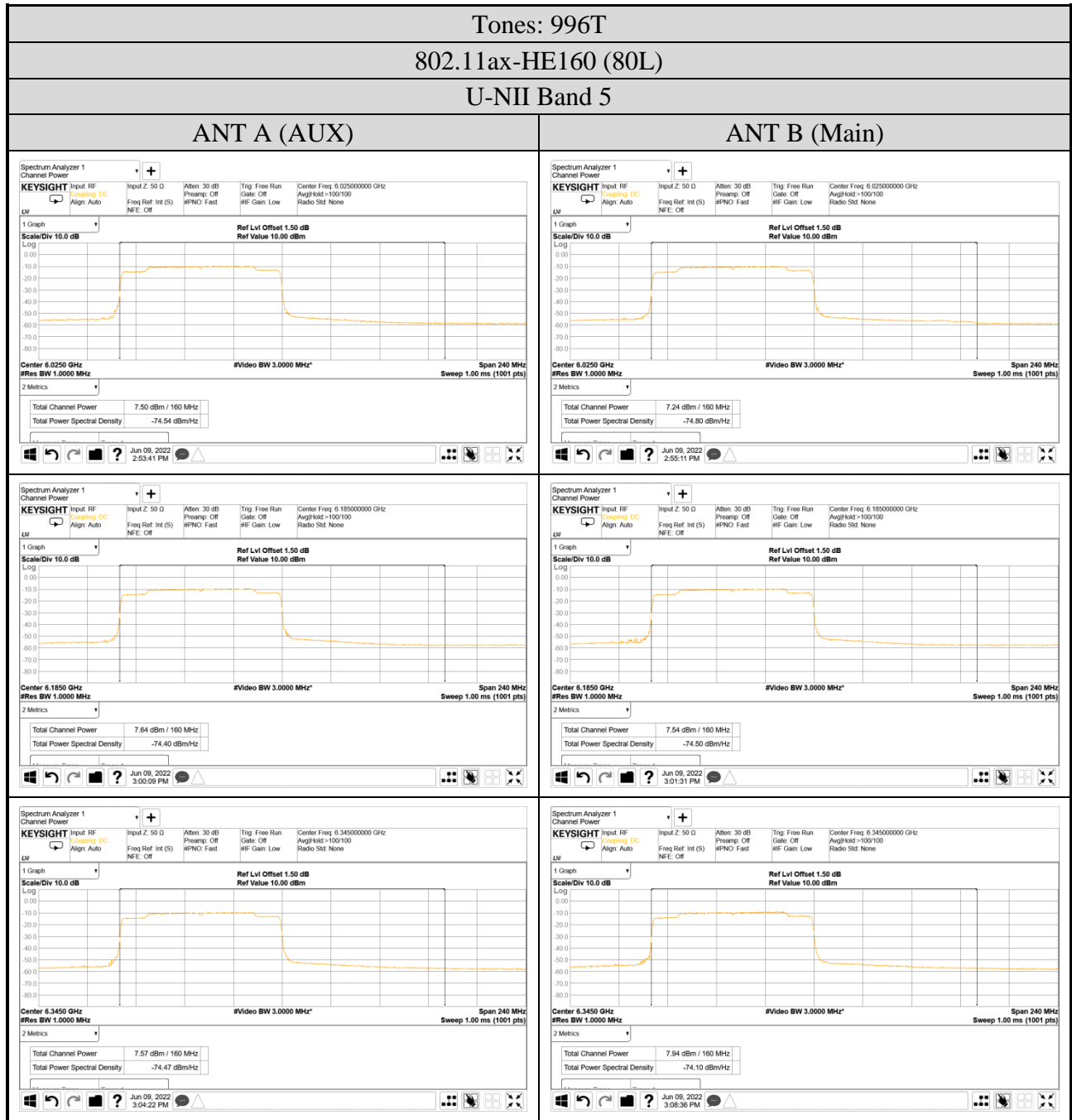
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 No. 491, Zhongfu Rd., Linkou Dist.,  
 New Taipei City 244, Taiwan

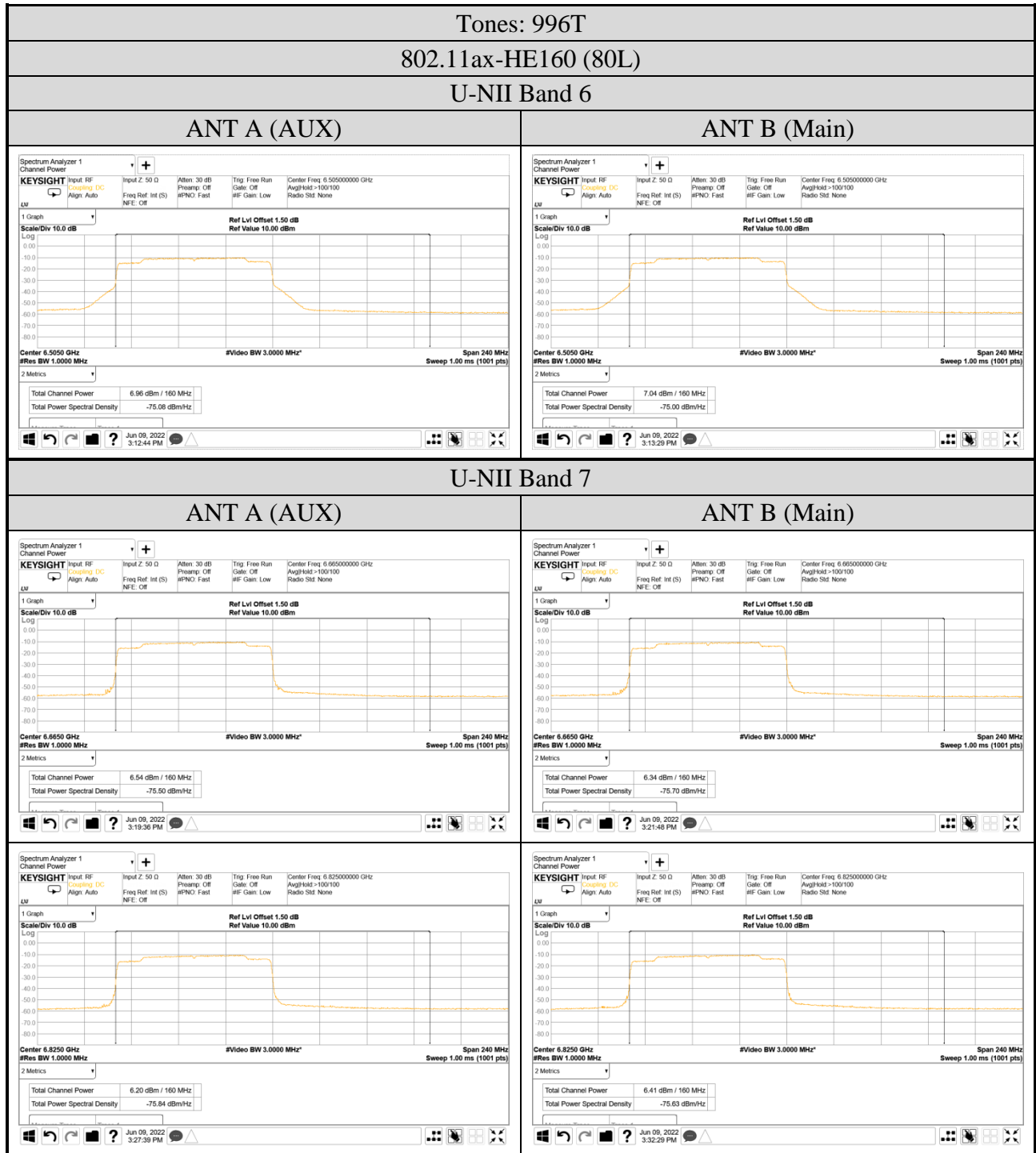
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