

### A.3 MAXIMUM CONDUCTED OUTPUT POWER

|              |                                |            |          |
|--------------|--------------------------------|------------|----------|
| Test Date    | 2023/10/05                     | Temp./Hum. | 23°C/53% |
| Cable Loss   | 1.00dB                         | Tested By  | Hua Wu   |
| Test Voltage | AC 120V, 60Hz (via AC Adapter) |            |          |

#### A.3.1 Conducted Output Power Result

● SPOT CHECK Power

Test SKU: SKU #1 [with (INPAQ) WA-P-LELE-04-011 Antenna]

● OFDM Modulation

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.47                                 | 1.21  | N/A                               | 3.35                                    | 7.70                                  | 24dBm |
|                 |            | 6175                   | 1.50                                 | 1.14  |                                   | 3.35                                    | 7.68                                  |       |
|                 |            | 6415                   | 1.19                                 | 1.11  |                                   | 2.60                                    | 6.76                                  |       |
|                 | 6          | 6435                   | 1.25                                 | 1.30  |                                   | 2.60                                    | 6.89                                  |       |
|                 |            | 6475                   | 1.49                                 | 1.42  |                                   | 2.60                                    | 7.07                                  |       |
|                 |            | 6515                   | 1.42                                 | 1.23  |                                   | 2.60                                    | 6.94                                  |       |
|                 | 7          | 6535                   | 0.77                                 | 0.44  |                                   | 2.60                                    | 6.22                                  |       |
|                 |            | 6695                   | 0.84                                 | 0.09  |                                   | 2.60                                    | 6.09                                  |       |
|                 |            | 6855                   | 0.93                                 | 0.09  |                                   | 2.30                                    | 5.84                                  |       |
|                 |            | 6875                   | 0.90                                 | 0.35  |                                   | 2.30                                    | 5.94                                  |       |
|                 | 8          | 6995                   | 0.84                                 | 0.09  |                                   | 2.30                                    | 5.79                                  |       |
|                 |            | 7115                   | -3.48                                | -2.97 |                                   | 2.30                                    | 2.09                                  |       |
|                 |            |                        |                                      |       |                                   |   |                                       |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.03                                 | 5.17  | N/A                               | 3.35                                    | 11.46                                 | 24dBm |
|                 |            | 6165                   | 4.97                                 | 5.11  |                                   | 3.35                                    | 11.40                                 |       |
|                 |            | 6405                   | 4.74                                 | 4.97  |                                   | 2.60                                    | 10.47                                 |       |
|                 | 6          | 6445                   | 4.90                                 | 5.24  |                                   | 2.60                                    | 10.68                                 |       |
|                 |            | 6485                   | 4.91                                 | 4.99  |                                   | 2.60                                    | 10.56                                 |       |
|                 | 7          | 6525                   | 5.05                                 | 5.06  |                                   | 2.60                                    | 10.67                                 |       |
|                 |            | 6685                   | 4.31                                 | 4.03  |                                   | 2.60                                    | 9.78                                  |       |
|                 |            | 6845                   | 4.33                                 | 3.96  |                                   | 2.30                                    | 9.46                                  |       |
|                 | 8          | 6885                   | 4.38                                 | 4.17  |                                   | 2.30                                    | 9.59                                  |       |
|                 |            | 7005                   | 4.37                                 | 3.89  |                                   | 2.30                                    | 9.45                                  |       |
|                 |            | 7085                   | 4.56                                 | 4.29  |                                   | 2.30                                    | 9.74                                  |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

| Modulation Type | U-NII Band     | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |      | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|----------------|------------------------|--------------------------------------|------|-----------------------------------|---|---------------------------------------|-------|
|                 |                |                        | AUX                                  | Main |                                   |   |                                       |       |
| 802.11ax-HE80   | 5              | 5985                   | 7.06                                 | 6.67 | N/A                               | 3.35                                    | 13.23                                 | 24dBm |
|                 |                | 6145                   | 6.93                                 | 6.25 |                                   | 3.35                                    | 12.96                                 |       |
|                 |                | 6385                   | 7.23                                 | 6.71 |                                   | 2.60                                    | 12.59                                 |       |
|                 | 6              | 6465                   | 7.24                                 | 6.32 |                                   | 2.60                                    | 12.41                                 |       |
|                 |                | 6545                   | 7.05                                 | 6.43 |                                   | 2.60                                    | 12.36                                 |       |
|                 | 7              | 6625                   | 6.11                                 | 5.55 |                                   | 2.60                                    | 11.45                                 |       |
|                 |                | 6705                   | 6.21                                 | 5.25 |                                   | 2.60                                    | 11.37                                 |       |
|                 |                | 6785                   | 6.19                                 | 5.19 |                                   | 2.60                                    | 11.33                                 |       |
|                 | 8              | 6865                   | 5.92                                 | 5.33 |                                   | 2.30                                    | 10.95                                 |       |
|                 |                | 6945                   | 6.34                                 | 5.43 |                                   | 2.30                                    | 11.22                                 |       |
|                 |                | 7025                   | 6.35                                 | 5.76 |                                   | 2.30                                    | 11.38                                 |       |
|                 | 802.11ax-HE160 | 5                      | 6025                                 | 9.93 |                                   | 9.15                                    | N/A                                   |       |
| 6185            |                |                        | 9.85                                 | 9.15 | 3.35                              | 15.87                                   |                                       |       |
| 6345            |                |                        | 10.04                                | 9.43 | 2.60                              | 15.36                                   |                                       |       |
| 6               |                | 6505                   | 9.82                                 | 9.11 | 2.60                              | 15.09                                   |                                       |       |
|                 |                | 6665                   | 9.08                                 | 8.20 | 2.60                              | 14.27                                   |                                       |       |
| 7               |                | 6825                   | 8.99                                 | 8.25 | 2.30                              | 13.95                                   |                                       |       |
|                 |                | 6985                   | 9.37                                 | 8.48 | 2.30                              | 14.26                                   |                                       |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. 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: Directional gain =  $10 \log[(10^{3.20/10} + 10^{3.50/10})/2]$  = 3.35dBi

6525MHz: Directional gain =  $10 \log[(10^{2.50/10} + 10^{2.70/10})/2]$  = 2.60dBi

7125MHz: Directional gain =  $10 \log[(10^{2.10/10} + 10^{2.50/10})/2]$  = 2.30dBi

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |            |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 4 |       |   | RU Index 8 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.16                                | -5.88 | 0.223   | -6.03      | -5.95 | 0.223   | -6.29      | -6.16 | 0.223   | 3.35   | 0.59                             |
|               |            | 6175                   |       | -7.53                                | -7.63 | 0.223   | -7.10      | -7.47 | 0.223   | -7.44      | -7.74 | 0.223   | 3.35   | -0.70                            |
|               |            | 6415                   |       | -7.80                                | -8.14 | 0.223   | -7.62      | -8.01 | 0.223   | -8.10      | -8.23 | 0.223   | 2.60   | -1.98                            |
|               | 6          | 6435                   |       | -7.68                                | -8.01 | 0.223   | -7.77      | -7.83 | 0.223   | -7.93      | -8.14 | 0.223   | 2.60   | -1.97                            |
|               |            | 6475                   |       | -8.16                                | -8.14 | 0.223   | -7.83      | -8.13 | 0.223   | -7.98      | -8.42 | 0.223   | 2.60   | -2.14                            |
|               |            | 6515                   |       | -8.23                                | -8.42 | 0.223   | -7.84      | -8.20 | 0.223   | -8.40      | -8.55 | 0.223   | 2.60   | -2.18                            |
|               | 7          | 6535                   |       | -8.95                                | -9.10 | 0.223   | -8.99      | -9.08 | 0.223   | -9.12      | -9.31 | 0.223   | 2.60   | -3.19                            |
|               |            | 6695                   |       | -9.54                                | -9.00 | 0.223   | -9.38      | -8.78 | 0.223   | -9.67      | -9.04 | 0.223   | 2.60   | -3.24                            |
|               |            | 6855                   |       | -8.88                                | -8.72 | 0.223   | -8.98      | -8.49 | 0.223   | -8.98      | -8.87 | 0.223   | 2.30   | -3.19                            |
|               | 8          | 6875                   |       | -9.18                                | -8.91 | 0.223   | -9.29      | -8.56 | 0.223   | -9.57      | -8.84 | 0.223   | 2.30   | -3.38                            |
|               |            | 6995                   |       | -8.30                                | -7.97 | 0.223   | -8.05      | -7.94 | 0.223   | -8.23      | -8.08 | 0.223   | 2.30   | -2.46                            |
|               |            | 7115                   |       | -8.08                                | -7.73 | 0.223   | -7.75      | -7.59 | 0.223   | -8.00      | -7.66 | 0.223   | 2.30   | -2.14                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 8 |       |   | RU Index 17 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.35                                | -5.95 | 0.223   | -6.08      | -6.12 | 0.223   | -6.21       | -6.06 | 0.223   | 3.35   | 0.48                             |
|               |            | 6165                   |       | -7.22                                | -7.41 | 0.223   | -7.30      | -7.65 | 0.223   | -7.32       | -7.68 | 0.223   | 3.35   | -0.73                            |
|               |            | 6405                   |       | -7.64                                | -8.10 | 0.223   | -7.80      | -8.12 | 0.223   | -7.96       | -8.27 | 0.223   | 2.60   | -2.03                            |
|               | 6          | 6445                   |       | -7.83                                | -7.99 | 0.223   | -8.19      | -8.07 | 0.223   | -8.07       | -8.16 | 0.223   | 2.60   | -2.08                            |
|               |            | 6485                   |       | -8.11                                | -8.08 | 0.223   | -8.34      | -8.28 | 0.223   | -8.18       | -8.54 | 0.223   | 2.60   | -2.26                            |
|               |            | 6525                   |       | -8.19                                | -8.44 | 0.223   | -8.32      | -8.49 | 0.223   | -8.28       | -8.49 | 0.223   | 2.60   | -2.48                            |
|               | 7          | 6685                   |       | -9.50                                | -9.14 | 0.223   | -9.59      | -9.10 | 0.223   | -9.41       | -9.10 | 0.223   | 2.60   | -3.42                            |
|               |            | 6845                   |       | -8.80                                | -8.62 | 0.223   | -8.97      | -8.71 | 0.223   | -9.09       | -8.68 | 0.223   | 2.30   | -3.18                            |
|               |            | 6885                   |       | -9.29                                | -8.79 | 0.223   | -9.49      | -8.95 | 0.223   | -9.50       | -9.19 | 0.223   | 2.30   | -3.50                            |
|               | 8          | 7005                   |       | -8.08                                | -8.05 | 0.223   | -8.44      | -8.26 | 0.223   | -8.47       | -8.31 | 0.223   | 2.30   | -2.53                            |
|               |            | 7085                   |       | -7.65                                | -7.44 | 0.223   | -7.82      | -7.74 | 0.223   | -8.77       | -8.45 | 0.223   | 2.30   | -2.01                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.24                                | -5.71 | 0.223  | -5.61       | -5.45 | 0.223  | -6.33       | -6.27 | 0.223  | 3.35   | 1.05                             |
|               |            | 6145                   |       | -7.09                                | -7.17 | 0.223  | -6.91       | -7.02 | 0.223  | -7.71       | -7.62 | 0.223  | 3.35   | -0.38                            |
|               |            | 6385                   |       | -7.69                                | -8.02 | 0.223  | -7.29       | -7.38 | 0.223  | -8.15       | -8.18 | 0.223  | 2.60   | -1.50                            |
|               | 6          | 6465                   |       | -8.43                                | -8.09 | 0.223  | -7.84       | -7.63 | 0.223  | -8.58       | -8.59 | 0.223  | 2.60   | -1.90                            |
|               |            | 6545                   |       | -8.61                                | -8.41 | 0.223  | -8.36       | -8.16 | 0.223  | -9.28       | -8.95 | 0.223  | 2.60   | -2.43                            |
|               |            | 6625                   |       | -9.74                                | -9.20 | 0.223  | -9.21       | -8.46 | 0.223  | -9.98       | -9.11 | 0.223  | 2.60   | -2.99                            |
|               | 7          | 6705                   |       | -9.90                                | -8.99 | 0.223  | -9.22       | -8.50 | 0.223  | -10.21      | -8.96 | 0.223  | 2.60   | -3.01                            |
|               |            | 6785                   |       | -8.97                                | -8.47 | 0.223  | -8.33       | -7.86 | 0.223  | -9.22       | -8.61 | 0.223  | 2.60   | -2.26                            |
|               |            | 6865                   |       | -9.27                                | -8.60 | 0.223  | -8.78       | -8.14 | 0.223  | -9.90       | -9.21 | 0.223  | 2.30   | -2.91                            |
|               | 8          | 6945                   |       | -8.30                                | -7.59 | 0.223  | -7.51       | -7.25 | 0.223  | -8.61       | -8.05 | 0.223  | 2.30   | -1.84                            |
|               |            | 7025                   |       | -8.59                                | -8.13 | 0.223  | -8.04       | -7.80 | 0.223  | -9.10       | -8.71 | 0.223  | 2.30   | -2.39                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |        |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.72                                | -7.93  | 0.223  | -6.63       | -6.67 | 0.223  | -6.39       | -6.07 | 0.223  | 3.35   | 0.36                             |
|                      |            | 6185                   |       | -9.04                                | -8.67  | 0.223  | -7.90       | -7.72 | 0.223  | -7.51       | -7.28 | 0.223  | 3.35   | -0.81                            |
|                      |            | 6345                   |       | -9.58                                | -8.86  | 0.223  | -8.31       | -7.65 | 0.223  | -7.94       | -7.31 | 0.223  | 2.60   | -1.78                            |
|                      | 6          | 6505                   |       | -9.81                                | -9.38  | 0.223  | -8.73       | -8.28 | 0.223  | -8.28       | -7.98 | 0.223  | 2.60   | -2.29                            |
|                      |            | 6665                   |       | -10.90                               | -11.01 | 0.223  | -9.46       | -9.67 | 0.223  | -9.08       | -9.36 | 0.223  | 2.60   | -3.38                            |
|                      |            | 6825                   |       | -10.22                               | -10.45 | 0.223  | -8.69       | -9.14 | 0.223  | -8.25       | -8.75 | 0.223  | 2.30   | -2.96                            |
|                      | 8          | 6985                   |       | -9.41                                | -9.40  | 0.223  | -8.46       | -8.53 | 0.223  | -7.97       | -7.83 | 0.223  | 2.30   | -2.37                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |       |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.24                                | -6.08 | 0.223  | -6.95        | -6.47 | 0.223  | -8.56        | -8.08  | 0.223  | 3.35   | 0.42                             |
|                      |            | 6185                   |       | -7.52                                | -7.26 | 0.223  | -8.07        | -7.84 | 0.223  | -9.55        | -9.46  | 0.223  | 3.35   | -0.80                            |
|                      |            | 6345                   |       | -7.93                                | -7.34 | 0.223  | -8.37        | -7.98 | 0.223  | -10.06       | -9.71  | 0.223  | 2.60   | -1.79                            |
|                      | 6          | 6505                   |       | -8.23                                | -8.03 | 0.223  | -9.10        | -8.80 | 0.223  | -10.55       | -10.57 | 0.223  | 2.60   | -2.30                            |
|                      |            | 6665                   |       | -8.82                                | -9.31 | 0.223  | -9.45        | -9.85 | 0.223  | -10.71       | -11.29 | 0.223  | 2.60   | -3.22                            |
|                      |            | 6825                   |       | -8.30                                | -8.88 | 0.223  | -9.15        | -9.46 | 0.223  | -10.57       | -11.14 | 0.223  | 2.30   | -3.05                            |
|                      | 8          | 6985                   |       | -7.96                                | -8.05 | 0.223  | -8.74        | -8.88 | 0.223  | -10.04       | -10.39 | 0.223  | 2.30   | -2.47                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 39 |       |   | RU Index 40 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.08                                | -2.57 | 0.132   | -2.79       | -2.67 | 0.132   | -2.92       | -2.92 | 0.132   | 3.35   | 3.763                            |
|               |            | 6175                   |       | -4.03                                | -4.47 | 0.132   | -4.03       | -4.30 | 0.132   | -4.19       | -4.55 | 0.132   | 3.35   | 2.329                            |
|               |            | 6415                   |       | -4.33                                | -5.02 | 0.132   | -4.40       | -5.03 | 0.132   | -4.66       | -5.11 | 0.132   | 2.60   | 1.081                            |
|               | 6          | 6435                   |       | -4.68                                | -5.02 | 0.132   | -4.52       | -4.86 | 0.132   | -4.79       | -4.88 | 0.132   | 2.60   | 1.056                            |
|               |            | 6475                   |       | -4.80                                | -5.12 | 0.132   | -4.87       | -4.95 | 0.132   | -4.83       | -5.04 | 0.132   | 2.60   | 0.832                            |
|               |            | 6515                   |       | -4.97                                | -5.15 | 0.132   | -4.79       | -5.08 | 0.132   | -4.98       | -5.19 | 0.132   | 2.60   | 0.810                            |
|               | 7          | 6535                   |       | -5.67                                | -6.03 | 0.132   | -5.83       | -6.04 | 0.132   | -5.92       | -6.09 | 0.132   | 2.60   | -0.104                           |
|               |            | 6695                   |       | -6.40                                | -5.89 | 0.132   | -6.05       | -5.87 | 0.132   | -6.10       | -5.80 | 0.132   | 2.60   | -0.205                           |
|               |            | 6855                   |       | -5.70                                | -5.61 | 0.132   | -5.85       | -5.49 | 0.132   | -5.84       | -5.57 | 0.132   | 2.30   | -0.212                           |
|               | 8          | 6875                   |       | -6.10                                | -5.67 | 0.132   | -5.93       | -5.55 | 0.132   | -6.01       | -5.70 | 0.132   | 2.30   | -0.294                           |
|               |            | 6995                   |       | -4.98                                | -4.77 | 0.132   | -5.00       | -4.82 | 0.132   | -5.13       | -4.90 | 0.132   | 2.30   | 0.569                            |
|               |            | 7115                   |       | -4.65                                | -4.64 | 0.132   | -4.80       | -4.53 | 0.132   | -8.67       | -8.32 | 0.132   | 2.30   | 0.797                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 40 |       |   | RU Index 44 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.25                                | -2.81 | 0.132   | -3.17       | -2.95 | 0.132   | -3.14       | -2.98 | 0.132   | 3.35   | 3.47                             |
|               |            | 6165                   |       | -4.15                                | -4.39 | 0.132   | -4.18       | -4.55 | 0.132   | -4.24       | -4.63 | 0.132   | 3.35   | 2.22                             |
|               |            | 6405                   |       | -4.41                                | -5.10 | 0.132   | -4.52       | -5.05 | 0.132   | -4.67       | -5.26 | 0.132   | 2.60   | 1.00                             |
|               | 6          | 6445                   |       | -4.91                                | -4.97 | 0.132   | -4.86       | -5.06 | 0.132   | -4.87       | -5.00 | 0.132   | 2.60   | 0.81                             |
|               |            | 6485                   |       | -4.87                                | -5.12 | 0.132   | -4.81       | -5.04 | 0.132   | -4.88       | -5.31 | 0.132   | 2.60   | 0.82                             |
|               | 7          | 6525                   |       | -5.19                                | -5.15 | 0.132   | -5.13       | -5.42 | 0.132   | -5.09       | -5.36 | 0.132   | 2.60   | 0.57                             |
|               |            | 6685                   |       | -6.22                                | -5.88 | 0.132   | -6.29       | -6.05 | 0.132   | -6.47       | -5.81 | 0.132   | 2.60   | -0.30                            |
|               |            | 6845                   |       | -5.84                                | -5.46 | 0.132   | -6.06       | -5.43 | 0.132   | -6.12       | -5.75 | 0.132   | 2.30   | -0.20                            |
|               | 8          | 6885                   |       | -6.13                                | -5.60 | 0.132   | -6.24       | -5.66 | 0.132   | -6.28       | -6.02 | 0.132   | 2.30   | -0.41                            |
|               |            | 7005                   |       | -5.03                                | -4.78 | 0.132   | -5.17       | -4.99 | 0.132   | -5.36       | -5.08 | 0.132   | 2.30   | 0.54                             |
|               |            | 7085                   |       | -4.59                                | -4.28 | 0.132   | -4.66       | -4.46 | 0.132   | -4.99       | -4.67 | 0.132   | 2.30   | 1.01                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.84                                | -3.30 | 0.132   | -2.45       | -2.89 | 0.132   | -3.32       | -3.28 | 0.132   | 3.35   | 3.83                             |
|               |            | 6145                   |       | -4.29                                | -4.10 | 0.132   | -3.94       | -3.93 | 0.132   | -4.67       | -4.61 | 0.132   | 3.35   | 2.56                             |
|               |            | 6385                   |       | -5.06                                | -4.72 | 0.132   | -4.52       | -4.56 | 0.132   | -5.42       | -5.39 | 0.132   | 2.60   | 1.20                             |
|               | 6          | 6465                   |       | -5.11                                | -5.45 | 0.132   | -4.95       | -5.09 | 0.132   | -5.46       | -5.68 | 0.132   | 2.60   | 0.72                             |
|               |            | 6545                   |       | -5.43                                | -5.83 | 0.132   | -5.19       | -5.53 | 0.132   | -5.80       | -6.20 | 0.132   | 2.60   | 0.39                             |
|               |            | 6625                   |       | -5.99                                | -6.82 | 0.132   | -5.85       | -6.50 | 0.132   | -6.21       | -7.20 | 0.132   | 2.60   | -0.42                            |
|               | 7          | 6705                   |       | -6.28                                | -7.16 | 0.132   | -5.58       | -6.84 | 0.132   | -6.08       | -7.29 | 0.132   | 2.60   | -0.42                            |
|               |            | 6785                   |       | -5.49                                | -6.28 | 0.132   | -5.28       | -6.04 | 0.132   | -5.59       | -6.46 | 0.132   | 2.60   | 0.10                             |
|               |            | 6865                   |       | -5.63                                | -6.72 | 0.132   | -5.24       | -6.40 | 0.132   | -6.19       | -7.19 | 0.132   | 2.30   | -0.34                            |
|               | 8          | 6945                   |       | -4.99                                | -5.41 | 0.132   | -4.27       | -5.14 | 0.132   | -5.07       | -5.73 | 0.132   | 2.30   | 0.76                             |
|               |            | 7025                   |       | -5.31                                | -5.91 | 0.132   | -4.97       | -5.52 | 0.132   | -5.61       | -6.29 | 0.132   | 2.30   | 0.21                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.43                                | -4.55 | 0.132   | -3.46       | -3.44 | 0.132   | -3.05       | -2.89 | 0.132   | 3.35   | 3.52                             |
|                      |            | 6185                   |       | -5.80                                | -5.39 | 0.132   | -4.75       | -4.52 | 0.132   | -4.30       | -4.12 | 0.132   | 3.35   | 2.28                             |
|                      |            | 6345                   |       | -6.28                                | -5.93 | 0.132   | -5.21       | -4.54 | 0.132   | -4.64       | -4.17 | 0.132   | 2.60   | 1.34                             |
|                      | 6          | 6505                   |       | -6.47                                | -6.51 | 0.132   | -5.62       | -5.47 | 0.132   | -5.16       | -4.99 | 0.132   | 2.60   | 0.67                             |
|                      |            | 6665                   |       | -7.60                                | -7.85 | 0.132   | -6.25       | -6.72 | 0.132   | -5.95       | -6.28 | 0.132   | 2.60   | -0.37                            |
|                      | 7          | 6825                   |       | -7.07                                | -7.38 | 0.132   | -5.93       | -6.20 | 0.132   | -5.40       | -5.74 | 0.132   | 2.30   | -0.12                            |
|                      |            | 6985                   |       | -5.90                                | -6.40 | 0.132   | -5.06       | -5.38 | 0.132   | -4.89       | -5.02 | 0.132   | 2.30   | 0.49                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |              |       |   |              |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|--------------|-------|---|--------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |   | RU Index S44 |       |   | RU Index S52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -2.98                                | -3.02 | 0.132   | -3.59        | -3.42 | 0.132   | -5.30        | -5.02 | 0.132   | 3.35   | 3.49                             |
|                      |            | 6185                   |       | -4.48                                | -4.09 | 0.132   | -5.06        | -4.78 | 0.132   | -6.24        | -6.37 | 0.132   | 3.35   | 2.21                             |
|                      |            | 6345                   |       | -4.63                                | -4.30 | 0.132   | -5.20        | -4.69 | 0.132   | -6.97        | -6.37 | 0.132   | 2.60   | 1.28                             |
|                      | 6          | 6505                   |       | -4.99                                | -4.99 | 0.132   | -5.99        | -5.55 | 0.132   | -7.46        | -7.09 | 0.132   | 2.60   | 0.75                             |
|                      |            | 6665                   |       | -5.83                                | -6.35 | 0.132   | -6.36        | -6.86 | 0.132   | -7.58        | -8.33 | 0.132   | 2.60   | -0.34                            |
|                      | 7          | 6825                   |       | -5.26                                | -6.01 | 0.132   | -6.01        | -6.53 | 0.132   | -7.60        | -8.11 | 0.132   | 2.30   | -0.18                            |
|                      |            | 6985                   |       | -4.82                                | -5.24 | 0.132   | -5.57        | -5.54 | 0.132   | -7.25        | -7.24 | 0.132   | 2.30   | 0.42                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.15                                 | 0.21  | N/A   | -0.09       | 0.20  | N/A   | 3.35   | 6.54                             |
|               |            | 6175                   |       | -0.98                                | -1.18 | N/A   | -1.14       | -1.34 | N/A   | 3.35   | 5.28                             |
|               |            | 6415                   |       | -1.26                                | -1.88 | N/A   | -1.52       | -2.09 | N/A   | 2.60   | 4.05                             |
|               | 6          | 6435                   |       | -1.76                                | -1.67 | N/A   | -1.54       | -1.76 | N/A   | 2.60   | 3.96                             |
|               |            | 6475                   |       | -1.66                                | -1.89 | N/A   | -1.78       | -1.93 | N/A   | 2.60   | 3.84                             |
|               |            | 6515                   |       | -1.91                                | -1.93 | N/A   | -1.84       | -2.11 | N/A   | 2.60   | 3.69                             |
|               | 7          | 6535                   |       | -2.73                                | -2.95 | N/A   | -2.85       | -2.99 | N/A   | 2.60   | 2.77                             |
|               |            | 6695                   |       | -3.30                                | -2.93 | N/A   | -3.08       | -2.89 | N/A   | 2.60   | 2.63                             |
|               |            | 6855                   |       | -2.73                                | -2.36 | N/A   | -2.80       | -2.53 | N/A   | 2.30   | 2.77                             |
|               | 8          | 6875                   |       | -2.97                                | -2.45 | N/A   | -2.97       | -2.71 | N/A   | 2.30   | 2.61                             |
|               |            | 6995                   |       | -1.75                                | -1.82 | N/A   | -1.91       | -1.95 | N/A   | 2.30   | 3.53                             |
|               |            | 7115                   |       | -1.58                                | -1.46 | N/A   | -8.74       | -8.12 | N/A   | 2.30   | 3.79                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   | RU Index 56 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.03                                | 0.17  | N/A   | 0.04        | 0.21  | N/A   | 0.06        | -0.10 | N/A   | 3.35   | 6.49                             |
|               |            | 6165                   |       | -1.04                                | -1.32 | N/A   | -1.21       | -1.38 | N/A   | -1.27       | -1.45 | N/A   | 3.35   | 5.18                             |
|               |            | 6405                   |       | -1.50                                | -2.06 | N/A   | -1.55       | -1.93 | N/A   | -1.72       | -2.23 | N/A   | 2.60   | 3.87                             |
|               | 6          | 6445                   |       | -1.72                                | -1.85 | N/A   | -1.46       | -1.83 | N/A   | -1.66       | -1.86 | N/A   | 2.60   | 3.97                             |
|               |            | 6485                   |       | -1.85                                | -1.97 | N/A   | -1.64       | -1.99 | N/A   | -2.00       | -2.06 | N/A   | 2.60   | 3.80                             |
|               | 7          | 6525                   |       | -2.00                                | -2.14 | N/A   | -2.01       | -2.32 | N/A   | -2.00       | -2.47 | N/A   | 2.60   | 3.54                             |
|               |            | 6685                   |       | -3.25                                | -2.96 | N/A   | -3.29       | -2.87 | N/A   | -3.32       | -2.77 | N/A   | 2.60   | 2.57                             |
|               |            | 6845                   |       | -2.74                                | -2.34 | N/A   | -2.91       | -2.35 | N/A   | -3.07       | -2.56 | N/A   | 2.30   | 2.77                             |
|               | 8          | 6885                   |       | -3.06                                | -2.70 | N/A   | -3.17       | -2.75 | N/A   | -3.26       | -2.99 | N/A   | 2.30   | 2.43                             |
|               |            | 7005                   |       | -2.04                                | -1.81 | N/A   | -1.91       | -1.94 | N/A   | -2.22       | -2.08 | N/A   | 2.30   | 3.39                             |
|               |            | 7085                   |       | -1.64                                | -1.41 | N/A   | -1.74       | -1.40 | N/A   | -1.86       | -1.54 | N/A   | 2.30   | 3.79                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.18                                | -0.30 | N/A  | 0.46        | 0.10  | N/A  | -0.33       | -0.43 | N/A  | 3.35   | 6.64                             |
|               |            | 6145                   |       | -1.32                                | -1.18 | N/A  | -1.26       | -0.96 | N/A  | -1.62       | -1.75 | N/A  | 3.35   | 5.25                             |
|               |            | 6385                   |       | -2.09                                | -1.83 | N/A  | -1.82       | -1.57 | N/A  | -2.45       | -2.27 | N/A  | 2.60   | 3.92                             |
|               | 6          | 6465                   |       | -2.07                                | -2.43 | N/A  | -1.65       | -2.14 | N/A  | -2.36       | -2.65 | N/A  | 2.60   | 3.72                             |
|               |            | 6545                   |       | -2.28                                | -2.85 | N/A  | -2.24       | -2.66 | N/A  | -2.87       | -3.21 | N/A  | 2.60   | 3.17                             |
|               |            | 7                      |       | 6625                                 | -3.23 | -3.86  | N/A         | -2.85 | -3.58  | N/A         | -3.08 | -4.17  | N/A  | 2.60                             |
|               | 6705       |                        |       | -3.09                                | -4.19 | N/A  | -2.69       | -3.96 | N/A  | -3.05       | -4.42 | N/A  | 2.60   | 2.33                             |
|               | 6785       |                        |       | -2.00                                | -3.02 | N/A  | -1.77       | -2.81 | N/A  | -2.45       | -3.40 | N/A  | 2.60   | 3.35                             |
|               | 8          | 6865                   |       | -2.53                                | -3.37 | N/A  | -2.34       | -3.11 | N/A  | -2.83       | -3.81 | N/A  | 2.30   | 2.60                             |
|               |            | 6945                   |       | -1.58                                | -2.25 | N/A  | -1.33       | -1.93 | N/A  | -2.15       | -2.47 | N/A  | 2.30   | 3.69                             |
|               |            | 7025                   |       | -2.10                                | -2.41 | N/A  | -1.65       | -2.40 | N/A  | -2.53       | -3.02 | N/A  | 2.30   | 3.30                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.49                                | -1.46 | N/A  | -0.35       | -0.41 | N/A  | 0.05        | 0.24  | N/A  | 3.35   | 6.51                             |
|                      |            | 6185                   |       | -2.64                                | -2.37 | N/A  | -1.61       | -1.41 | N/A  | -1.33       | -1.24 | N/A  | 3.35   | 5.08                             |
|                      |            | 6345                   |       | -3.38                                | -2.51 | N/A  | -2.17       | -1.60 | N/A  | -1.76       | -1.13 | N/A  | 2.60   | 4.18                             |
|                      | 6          | 6505                   |       | -3.27                                | -3.25 | N/A  | -2.32       | -2.27 | N/A  | -1.98       | -1.94 | N/A  | 2.60   | 3.65                             |
|                      |            | 7                      |       | 6665                                 | -4.59 | -4.71  | N/A         | -3.60 | -3.49  | N/A         | -2.84 | -3.06  | N/A  | 2.60                             |
|                      | 6825       |                        |       | -4.03                                | -3.89 | N/A  | -3.24       | -3.12 | N/A  | -2.56       | -2.39 | N/A  | 2.30   | 2.84                             |
|                      | 8          | 6985                   |       | -3.04                                | -2.90 | N/A  | -2.07       | -2.08 | N/A  | -1.70       | -1.70 | N/A  | 2.30   | 3.61                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S53                         |       |  | RU Index S56 |       |  | RU Index S60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | 0.06                                 | 0.00  | N/A  | -0.69        | -0.35 | N/A  | -2.19        | -1.85 | N/A  | 3.35   | 6.39                             |
|                      |            | 6185                   |       | -1.45                                | -1.02 | N/A  | -1.85        | -1.74 | N/A  | -3.35        | -3.31 | N/A  | 3.35   | 5.13                             |
|                      |            | 6345                   |       | -1.64                                | -1.32 | N/A  | -2.23        | -1.67 | N/A  | -3.53        | -3.10 | N/A  | 2.60   | 4.13                             |
|                      | 6          | 6505                   |       | -2.18                                | -1.95 | N/A  | -2.58        | -2.38 | N/A  | -4.07        | -4.10 | N/A  | 2.60   | 3.55                             |
|                      |            | 7                      |       | 6665                                 | -3.07 | -3.34  | N/A          | -3.66 | -3.64  | N/A          | -5.15 | -4.94  | N/A  | 2.60                             |
|                      | 6825       |                        |       | -2.46                                | -2.40 | N/A  | -3.21        | -3.07 | N/A  | -4.60        | -4.76 | N/A  | 2.30   | 2.88                             |
|                      | 8          | 6985                   |       | -1.68                                | -1.65 | N/A  | -2.56        | -2.18 | N/A  | -4.00        | -3.76 | N/A  | 2.30   | 3.65                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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



**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.95                                 | 2.38 | 0.15   | 3.35   | 8.68                             |
|               |            | 6175                   |       | 1.79                                 | 2.2  | 0.15   | 3.35   | 8.51                             |
|               |            | 6415                   |       | 1.76                                 | 2.23 | 0.15   | 2.60   | 7.76                             |
|               | 6          | 6435                   |       | 1.2                                  | 1.69 | 0.15   | 2.60   | 7.21                             |
|               |            | 6475                   |       | 1.26                                 | 1.64 | 0.15   | 2.60   | 7.21                             |
|               |            | 6515                   |       | 1.66                                 | 1.57 | 0.15   | 2.60   | 7.38                             |
|               | 7          | 6535                   |       | 1.21                                 | 1.42 | 0.15   | 2.60   | 7.08                             |
|               |            | 6695                   |       | 1.57                                 | 1.61 | 0.15   | 2.60   | 7.35                             |
|               |            | 6855                   |       | 1.33                                 | 1.52 | 0.15   | 2.30   | 6.89                             |
|               | 8          | 6875                   |       | 0.81                                 | 1.01 | 0.15   | 2.30   | 6.37                             |
|               |            | 6995                   |       | 0.76                                 | 0.7  | 0.15   | 2.30   | 6.19                             |
|               |            | 7115                   |       | -2.98                                | -2.9 | 0.15   | 2.30   | 2.52                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.88                                 | 1.2   | 0.15   | 1.65        | 1.01  | 0.15   | 3.35   | 8.06                             |
|               |            | 6165                   |       | 1.58                                 | 1.28  | 0.15   | 1.31        | 0.99  | 0.15   | 3.35   | 7.94                             |
|               |            | 6405                   |       | 1.58                                 | 1.1   | 0.15   | 1.41        | 1.19  | 0.15   | 2.60   | 7.11                             |
|               | 6          | 6445                   |       | 0.93                                 | 0.97  | 0.15   | 1.17        | 0.92  | 0.15   | 2.60   | 6.81                             |
|               |            | 6485                   |       | 1.02                                 | 0.62  | 0.15   | 0.78        | 1.25  | 0.15   | 2.60   | 6.78                             |
|               | 7          | 6525                   |       | 1.14                                 | 0.76  | 0.15   | 1.97        | 1.26  | 0.15   | 2.60   | 7.39                             |
|               |            | 6685                   |       | 0.89                                 | 0.04  | 0.15   | 1.24        | 0.09  | 0.15   | 2.60   | 6.46                             |
|               |            | 6845                   |       | 0.9                                  | -0.16 | 0.15   | 1.18        | 0.05  | 0.15   | 2.30   | 6.11                             |
|               | 8          | 6885                   |       | 0.64                                 | -0.27 | 0.15   | 0.51        | -0.29 | 0.15   | 2.30   | 5.67                             |
|               |            | 7005                   |       | 0.54                                 | -0.46 | 0.15   | 0.73        | -0.38 | 0.15   | 2.30   | 5.67                             |
|               |            | 7085                   |       | 0.75                                 | -0.15 | 0.15   | 1.01        | 0.25  | 0.15   | 2.30   | 6.11                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.21                                 | 2.52 | 0.15   | 2.15        | 2.62 | 0.15   | 2.13        | 2.17 | 0.15   | 3.35   | 8.90                             |
|               |            | 6145                   |       | 2.33                                 | 2.38 | 0.15   | 2.36        | 2.3  | 0.15   | 2.03        | 2.09 | 0.15   | 3.35   | 8.87                             |
|               |            | 6385                   |       | 1.95                                 | 1.9  | 0.15   | 2.15        | 2.23 | 0.15   | 2.12        | 2.27 | 0.15   | 2.60   | 7.96                             |
|               | 6          | 6465                   |       | 1.59                                 | 1.48 | 0.15   | 2.61        | 2.58 | 0.15   | 1.59        | 1.42 | 0.15   | 2.60   | 8.36                             |
|               |            | 6545                   |       | 1.24                                 | 1.88 | 0.15   | 2.09        | 2.68 | 0.15   | 1.82        | 2.18 | 0.15   | 2.60   | 8.16                             |
|               | 7          | 6625                   |       | 0.72                                 | 1.37 | 0.15   | 0.96        | 1.6  | 0.15   | 0.66        | 1.49 | 0.15   | 2.60   | 7.05                             |
|               |            | 6705                   |       | 0.89                                 | 1.61 | 0.15   | 1.01        | 1.62 | 0.15   | 0.71        | 1.53 | 0.15   | 2.60   | 7.09                             |
|               |            | 6785                   |       | 0.78                                 | 1.45 | 0.15   | 0.77        | 1.53 | 0.15   | 0.57        | 1.6  | 0.15   | 2.60   | 6.93                             |
|               | 8          | 6865                   |       | 0.65                                 | 1.19 | 0.15   | 1.08        | 1.64 | 0.15   | 0.18        | 0.57 | 0.15   | 2.30   | 6.83                             |
|               |            | 6945                   |       | 0.28                                 | 0.77 | 0.15   | 1.21        | 1.85 | 0.15   | 0.32        | 0.75 | 0.15   | 2.30   | 7.00                             |
|               |            | 7025                   |       | 0.02                                 | 0.7  | 0.15   | 1.03        | 1.71 | 0.15   | -0.3        | 0.88 | 0.15   | 2.30   | 6.84                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.72                                 | 2.48 | 0.15   | 2.11        | 2.92 | 0.15   | 1.5         | 2.32 | 0.15   | 3.35   | 9.04                             |
|                      |            | 6185                   |       | 1.65                                 | 2.27 | 0.15   | 1.96        | 2.73 | 0.15   | 1.56        | 2.24 | 0.15   | 3.35   | 8.87                             |
|                      |            | 6345                   |       | 1.65                                 | 2.36 | 0.15   | 2.21        | 2.35 | 0.15   | 1.63        | 2.3  | 0.15   | 2.60   | 8.04                             |
|                      | 6          | 6505                   |       | 1.37                                 | 1.83 | 0.15   | 2.39        | 2.82 | 0.15   | 1.35        | 1.68 | 0.15   | 2.60   | 8.37                             |
|                      |            | 6665                   |       | -0.12                                | 1.3  | 0.15   | 0.44        | 1.61 | 0.15   | 0           | 1.66 | 0.15   | 2.60   | 6.82                             |
|                      | 7          | 6825                   |       | -0.27                                | 1.24 | 0.15   | 0.25        | 1.49 | 0.15   | -0.45       | 0.97 | 0.15   | 2.30   | 6.37                             |
|                      |            | 6985                   |       | -0.75                                | 0.48 | 0.15   | 0.53        | 1.75 | 0.15   | -0.94       | 0.73 | 0.15   | 2.30   | 6.64                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S61                         |      |  | RU Index S62 |      |  | RU Index S64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.26                                 | 2.51 | 0.15   | 1.3          | 2.41 | 0.15   | 1.5          | 2.3  | 0.15   | 3.35   | 8.44                             |
|                      |            | 6185                   |       | 1.6                                  | 2.3  | 0.15   | 1.32         | 2.27 | 0.15   | 1.7          | 2.41 | 0.15   | 3.35   | 8.58                             |
|                      |            | 6345                   |       | 1.65                                 | 2.18 | 0.15   | 1.41         | 2.16 | 0.15   | 1.79         | 2.28 | 0.15   | 2.60   | 7.80                             |
|                      | 6          | 6505                   |       | 1.43                                 | 1.69 | 0.15   | 1.9          | 2.43 | 0.15   | 1.62         | 2.37 | 0.15   | 2.60   | 7.93                             |
|                      |            | 6665                   |       | -0.39                                | 1.41 | 0.15   | -0.7         | 1.19 | 0.15   | -0.65        | 1.49 | 0.15   | 2.60   | 6.36                             |
|                      | 7          | 6825                   |       | -0.77                                | 1.13 | 0.15   | 0.07         | 1.22 | 0.15   | -0.51        | 0.73 | 0.15   | 2.30   | 6.14                             |
|                      |            | 6985                   |       | -0.72                                | 0.55 | 0.15   | -0.02        | 1.35 | 0.15   | -0.55        | 0.87 | 0.15   | 2.30   | 6.18                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.17                                 | 5.38 | N/A  | 3.35   | 11.64                            |
|               |            | 6165                   |       | 4.96                                 | 5.25 | N/A  | 3.35   | 11.47                            |
|               |            | 6405                   |       | 4.96                                 | 5    | N/A  | 2.60   | 10.59                            |
|               | 6          | 6445                   |       | 5.11                                 | 5.45 | N/A  | 2.60   | 10.89                            |
|               |            | 6485                   |       | 5.14                                 | 5.3  | N/A  | 2.60   | 10.83                            |
|               |            | 7                      |       | 6525                                 | 5.24 | 5.26   | N/A  | 2.60                             |
|               | 6685       |                        |       | 4.57                                 | 4.7  | N/A  | 2.60   | 10.25                            |
|               | 6845       |                        |       | 4.44                                 | 4.44 | N/A  | 2.30   | 9.75                             |
|               | 8          | 6885                   |       | 4.63                                 | 4.64 | N/A  | 2.30   | 9.95                             |
|               |            | 7005                   |       | 4.34                                 | 4.3  | N/A  | 2.30   | 9.63                             |
|               |            | 7085                   |       | 4.62                                 | 4.85 | N/A  | 2.30   | 10.05                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  | RU Index 66 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.23                                 | 5.13 | N/A  | 5.08        | 5.27 | N/A  | 3.35   | 11.54                            |
|               |            | 6145                   |       | 5.2                                  | 5.19 | N/A  | 5.25        | 4.99 | N/A  | 3.35   | 11.56                            |
|               |            | 6385                   |       | 4.82                                 | 5.01 | N/A  | 5.21        | 4.95 | N/A  | 2.60   | 10.69                            |
|               | 6          | 6465                   |       | 5.2                                  | 4.94 | N/A  | 5.14        | 5.2  | N/A  | 2.60   | 10.78                            |
|               |            | 6545                   |       | 4.89                                 | 5.39 | N/A  | 4.91        | 5.02 | N/A  | 2.60   | 10.76                            |
|               |            | 7                      |       | 6625                                 | 4.2  | 4.29   | N/A         | 4.08 | 4.27   | N/A  | 2.60                             |
|               | 6705       |                        |       | 4.22                                 | 4.18 | N/A  | 4.09        | 4.46 | N/A  | 2.60   | 9.89                             |
|               | 6785       |                        |       | 3.9                                  | 4.35 | N/A  | 4.23        | 4.51 | N/A  | 2.60   | 9.98                             |
|               | 8          | 6865                   |       | 3.99                                 | 4.33 | N/A  | 4.25        | 4.38 | N/A  | 2.30   | 9.63                             |
|               |            | 6945                   |       | 4.45                                 | 4.11 | N/A  | 4.17        | 4.37 | N/A  | 2.30   | 9.59                             |
|               |            | 7025                   |       | 4.08                                 | 4.38 | N/A  | 4.26        | 4.3  | N/A  | 2.30   | 9.59                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.72                                 | 5.15 | N/A   | 4.41        | 5.38 | N/A   | 3.35   | 11.30                            |
|                      |            | 6185                   |       | 4.79                                 | 5.09 | N/A   | 4.82        | 5.03 | N/A   | 3.35   | 11.30                            |
|                      |            | 6345                   |       | 4.69                                 | 4.93 | N/A   | 4.79        | 5.04 | N/A   | 2.60   | 10.53                            |
|                      | 6          | 6505                   |       | 5.09                                 | 4.96 | N/A   | 5.07        | 5.25 | N/A   | 2.60   | 10.77                            |
|                      | 7          | 6665                   |       | 3.83                                 | 4.41 | N/A   | 3.38        | 4.28 | N/A   | 2.60   | 9.74                             |
|                      |            | 6825                   |       | 3.72                                 | 4.23 | N/A   | 3.58        | 4.48 | N/A   | 2.30   | 9.36                             |
|                      |            | 6985                   |       | 4.12                                 | 4.12 | N/A   | 3.85        | 4.47 | N/A   | 2.30   | 9.48                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.58                                 | 5.13 | N/A   | 4.6          | 5.14 | N/A   | 3.35   | 11.24                            |
|                      |            | 6185                   |       | 4.68                                 | 5.09 | N/A   | 4.64         | 4.97 | N/A   | 3.35   | 11.25                            |
|                      |            | 6345                   |       | 4.51                                 | 5.07 | N/A   | 4.7          | 4.92 | N/A   | 2.60   | 10.42                            |
|                      | 6          | 6505                   |       | 4.8                                  | 5.3  | N/A   | 4.68         | 5.02 | N/A   | 2.60   | 10.67                            |
|                      | 7          | 6665                   |       | 3.72                                 | 4.23 | N/A   | 3.79         | 4.36 | N/A   | 2.60   | 9.69                             |
|                      |            | 6825                   |       | 3.87                                 | 4.33 | N/A   | 3.89         | 4.43 | N/A   | 2.30   | 9.48                             |
|                      |            | 6985                   |       | 3.97                                 | 4.31 | N/A   | 3.8          | 4.64 | N/A   | 2.30   | 9.55                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7                                    | 6.29 | 0.159  | 3.35   | 13.18                            |
|               |            | 6145                   |       | 6.97                                 | 6.01 | 0.159  | 3.35   | 13.04                            |
|               |            | 6385                   |       | 7.34                                 | 6.33 | 0.159  | 2.60   | 12.63                            |
|               | 6          | 6465                   |       | 7.21                                 | 6.08 | 0.159  | 2.60   | 12.45                            |
|               |            | 6545                   |       | 7.31                                 | 6.06 | 0.159  | 2.60   | 12.50                            |
|               | 7          | 6625                   |       | 6.62                                 | 5.32 | 0.159  | 2.60   | 11.79                            |
|               |            | 6705                   |       | 6.26                                 | 5.04 | 0.159  | 2.60   | 11.46                            |
|               |            | 6785                   |       | 6.11                                 | 4.98 | 0.159  | 2.60   | 11.35                            |
|               | 8          | 6865                   |       | 5.97                                 | 5.09 | 0.159  | 2.30   | 11.02                            |
|               |            | 6945                   |       | 6.43                                 | 5.32 | 0.159  | 2.30   | 11.38                            |
|               |            | 7025                   |       | 6.53                                 | 5.59 | 0.159  | 2.30   | 11.55                            |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |  | RU Index S67 |      |  |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.35                                 | 6.54 | 0.159  | 7.17         | 6.64 | 0.159  | 3.35   | 13.48                            |
|                |            | 6185                   |       | 7.44                                 | 6.76 | 0.159  | 7.53         | 6.55 | 0.159  | 3.35   | 13.63                            |
|                |            | 6345                   |       | 7.66                                 | 6.48 | 0.159  | 7.36         | 6.67 | 0.159  | 2.60   | 12.88                            |
|                | 6          | 6505                   |       | 6.93                                 | 5.96 | 0.159  | 6.89         | 6.03 | 0.159  | 2.60   | 12.25                            |
|                |            | 6665                   |       | 6.68                                 | 5.47 | 0.159  | 6.53         | 5.32 | 0.159  | 2.60   | 11.89                            |
|                | 7          | 6825                   |       | 6.39                                 | 5.49 | 0.159  | 5.95         | 5.29 | 0.159  | 2.30   | 11.43                            |
|                |            | 6985                   |       | 6.4                                  | 5.52 | 0.159  | 6.31         | 5.46 | 0.159  | 2.30   | 11.45                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Test SKU: SKU #2 [with (LUXSHARE-ICT) L1LRF009-CS-H Antenna]**

● OFDM Modulation

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.47                                 | 1.21  | N/A                               | 4.49                                    | 8.84                                  | 24dBm |
|                 |            | 6175                   | 1.50                                 | 1.14  |                                   | 4.49                                    | 8.82                                  |       |
|                 |            | 6415                   | 1.19                                 | 1.11  |                                   | 1.29                                    | 5.45                                  |       |
|                 | 6          | 6435                   | 1.25                                 | 1.30  |                                   | 1.29                                    | 5.58                                  |       |
|                 |            | 6475                   | 1.49                                 | 1.42  |                                   | 1.29                                    | 5.76                                  |       |
|                 |            | 6515                   | 1.42                                 | 1.23  |                                   | 1.29                                    | 5.63                                  |       |
|                 | 7          | 6535                   | 0.77                                 | 0.44  |                                   | 1.29                                    | 4.91                                  |       |
|                 |            | 6695                   | 0.84                                 | 0.09  |                                   | 1.29                                    | 4.78                                  |       |
|                 |            | 6855                   | 0.93                                 | 0.09  |                                   | 3.07                                    | 6.61                                  |       |
|                 | 8          | 6875                   | 0.90                                 | 0.35  |                                   | 3.07                                    | 6.71                                  |       |
|                 |            | 6995                   | 0.84                                 | 0.09  |                                   | 3.07                                    | 6.56                                  |       |
|                 |            | 7115                   | -3.48                                | -2.97 |                                   | 3.07                                    | 2.86                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.03                                 | 5.17  | N/A                               | 4.49                                    | 12.60                                 | 24dBm |
|                 |            | 6165                   | 4.97                                 | 5.11  |                                   | 4.49                                    | 12.54                                 |       |
|                 |            | 6405                   | 4.74                                 | 4.97  |                                   | 1.29                                    | 9.16                                  |       |
|                 | 6          | 6445                   | 4.90                                 | 5.24  |                                   | 1.29                                    | 9.37                                  |       |
|                 |            | 6485                   | 4.91                                 | 4.99  |                                   | 1.29                                    | 9.25                                  |       |
|                 | 7          | 6525                   | 5.05                                 | 5.06  |                                   | 1.29                                    | 9.36                                  |       |
|                 |            | 6685                   | 4.31                                 | 4.03  |                                   | 1.29                                    | 8.47                                  |       |
|                 |            | 6845                   | 4.33                                 | 3.96  |                                   | 3.07                                    | 10.23                                 |       |
|                 | 8          | 6885                   | 4.38                                 | 4.17  |                                   | 3.07                                    | 10.36                                 |       |
|                 |            | 7005                   | 4.37                                 | 3.89  |                                   | 3.07                                    | 10.22                                 |       |
|                 |            | 7085                   | 4.56                                 | 4.29  |                                   | 3.07                                    | 10.51                                 |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |      | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main |                                   |   |                                       |       |
| 802.11ax-HE80   | 5          | 5985                   | 7.06                                 | 6.67 | N/A                               | 4.49                                    | 14.37                                 | 24dBm |
|                 |            | 6145                   | 6.93                                 | 6.25 |                                   | 4.49                                    | 14.10                                 |       |
|                 |            | 6385                   | 7.23                                 | 6.71 |                                   | 1.29                                    | 11.28                                 |       |
|                 | 6          | 6465                   | 7.24                                 | 6.32 |                                   | 1.29                                    | 11.10                                 |       |
|                 |            | 6545                   | 7.05                                 | 6.43 |                                   | 1.29                                    | 11.05                                 |       |
|                 |            | 6625                   | 6.11                                 | 5.55 |                                   | 1.29                                    | 10.14                                 |       |
|                 | 7          | 6705                   | 6.21                                 | 5.25 |                                   | 1.29                                    | 10.06                                 |       |
|                 |            | 6785                   | 6.19                                 | 5.19 |                                   | 1.29                                    | 10.02                                 |       |
|                 |            | 6865                   | 5.92                                 | 5.33 |                                   | 3.07                                    | 11.72                                 |       |
|                 | 8          | 6945                   | 6.34                                 | 5.43 |                                   | 3.07                                    | 11.99                                 |       |
|                 |            | 7025                   | 6.35                                 | 5.76 |                                   | 3.07                                    | 12.15                                 |       |
|                 |            | 6025                   | 9.93                                 | 9.15 |                                   | 4.49                                    | 17.06                                 |       |
| 802.11ax-HE160  | 5          | 6185                   | 9.85                                 | 9.15 | 4.49                              | 17.01                                   |                                       |       |
|                 |            | 6345                   | 10.04                                | 9.43 | 1.29                              | 14.05                                   |                                       |       |
|                 |            | 6505                   | 9.82                                 | 9.11 | 1.29                              | 13.78                                   |                                       |       |
|                 | 7          | 6665                   | 9.08                                 | 8.20 | 1.29                              | 12.96                                   |                                       |       |
|                 |            | 6825                   | 8.99                                 | 8.25 | 3.07                              | 14.72                                   |                                       |       |
|                 | 8          | 6985                   | 9.37                                 | 8.48 | 3.07                              | 15.03                                   |                                       |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. 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: Directional gain =  $10 \log[(10^{2.48/10} + 10^{5.85/10})/2]= 4.49$ dBi  
 6525MHz: Directional gain =  $10 \log[(10^{1.38/10} + 10^{1.19/10})/2]= 1.29$ dBi  
 7125MHz: Directional gain =  $10 \log[(10^{1.89/10} + 10^{3.99/10})/2]= 3.07$ 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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |            |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 4 |       |   | RU Index 8 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.16                                | -5.88 | 0.223   | -6.03      | -5.95 | 0.223   | -6.29      | -6.16 | 0.223   | 4.49   | 1.73                             |
|               |            | 6175                   |       | -7.53                                | -7.63 | 0.223   | -7.10      | -7.47 | 0.223   | -7.44      | -7.74 | 0.223   | 4.49   | 0.44                             |
|               |            | 6415                   |       | -7.80                                | -8.14 | 0.223   | -7.62      | -8.01 | 0.223   | -8.10      | -8.23 | 0.223   | 1.29   | -3.29                            |
|               | 6          | 6435                   |       | -7.68                                | -8.01 | 0.223   | -7.77      | -7.83 | 0.223   | -7.93      | -8.14 | 0.223   | 1.29   | -3.28                            |
|               |            | 6475                   |       | -8.16                                | -8.14 | 0.223   | -7.83      | -8.13 | 0.223   | -7.98      | -8.42 | 0.223   | 1.29   | -3.45                            |
|               |            | 6515                   |       | -8.23                                | -8.42 | 0.223   | -7.84      | -8.20 | 0.223   | -8.40      | -8.55 | 0.223   | 1.29   | -3.49                            |
|               | 7          | 6535                   |       | -8.95                                | -9.10 | 0.223   | -8.99      | -9.08 | 0.223   | -9.12      | -9.31 | 0.223   | 1.29   | -4.50                            |
|               |            | 6695                   |       | -9.54                                | -9.00 | 0.223   | -9.38      | -8.78 | 0.223   | -9.67      | -9.04 | 0.223   | 1.29   | -4.55                            |
|               |            | 6855                   |       | -8.88                                | -8.72 | 0.223   | -8.98      | -8.49 | 0.223   | -8.98      | -8.87 | 0.223   | 3.07   | -2.42                            |
|               | 8          | 6875                   |       | -9.18                                | -8.91 | 0.223   | -9.29      | -8.56 | 0.223   | -9.57      | -8.84 | 0.223   | 3.07   | -2.61                            |
|               |            | 6995                   |       | -8.30                                | -7.97 | 0.223   | -8.05      | -7.94 | 0.223   | -8.23      | -8.08 | 0.223   | 3.07   | -1.69                            |
|               |            | 7115                   |       | -8.08                                | -7.73 | 0.223   | -7.75      | -7.59 | 0.223   | -8.00      | -7.66 | 0.223   | 3.07   | -1.37                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 8 |       |   | RU Index 17 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.35                                | -5.95 | 0.223   | -6.08      | -6.12 | 0.223   | -6.21       | -6.06 | 0.223   | 4.49   | 1.62                             |
|               |            | 6165                   |       | -7.22                                | -7.41 | 0.223   | -7.30      | -7.65 | 0.223   | -7.32       | -7.68 | 0.223   | 4.49   | 0.41                             |
|               |            | 6405                   |       | -7.64                                | -8.10 | 0.223   | -7.80      | -8.12 | 0.223   | -7.96       | -8.27 | 0.223   | 1.29   | -3.34                            |
|               | 6          | 6445                   |       | -7.83                                | -7.99 | 0.223   | -8.19      | -8.07 | 0.223   | -8.07       | -8.16 | 0.223   | 1.29   | -3.39                            |
|               |            | 6485                   |       | -8.11                                | -8.08 | 0.223   | -8.34      | -8.28 | 0.223   | -8.18       | -8.54 | 0.223   | 1.29   | -3.57                            |
|               |            | 6525                   |       | -8.19                                | -8.44 | 0.223   | -8.32      | -8.49 | 0.223   | -8.28       | -8.49 | 0.223   | 1.29   | -3.79                            |
|               | 7          | 6685                   |       | -9.50                                | -9.14 | 0.223   | -9.59      | -9.10 | 0.223   | -9.41       | -9.10 | 0.223   | 1.29   | -4.73                            |
|               |            | 6845                   |       | -8.80                                | -8.62 | 0.223   | -8.97      | -8.71 | 0.223   | -9.09       | -8.68 | 0.223   | 3.07   | -2.41                            |
|               |            | 6885                   |       | -9.29                                | -8.79 | 0.223   | -9.49      | -8.95 | 0.223   | -9.50       | -9.19 | 0.223   | 3.07   | -2.73                            |
|               | 8          | 7005                   |       | -8.08                                | -8.05 | 0.223   | -8.44      | -8.26 | 0.223   | -8.47       | -8.31 | 0.223   | 3.07   | -1.76                            |
|               |            | 7085                   |       | -7.65                                | -7.44 | 0.223   | -7.82      | -7.74 | 0.223   | -8.77       | -8.45 | 0.223   | 3.07   | -1.24                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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



| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.24                                | -5.71 | 0.223  | -5.61       | -5.45 | 0.223  | -6.33       | -6.27 | 0.223  | 4.49   | 2.19                             |
|               |            | 6145                   |       | -7.09                                | -7.17 | 0.223  | -6.91       | -7.02 | 0.223  | -7.71       | -7.62 | 0.223  | 4.49   | 0.76                             |
|               |            | 6385                   |       | -7.69                                | -8.02 | 0.223  | -7.29       | -7.38 | 0.223  | -8.15       | -8.18 | 0.223  | 1.29   | -2.81                            |
|               | 6          | 6465                   |       | -8.43                                | -8.09 | 0.223  | -7.84       | -7.63 | 0.223  | -8.58       | -8.59 | 0.223  | 1.29   | -3.21                            |
|               |            | 6545                   |       | -8.61                                | -8.41 | 0.223  | -8.36       | -8.16 | 0.223  | -9.28       | -8.95 | 0.223  | 1.29   | -3.74                            |
|               |            | 6625                   |       | -9.74                                | -9.20 | 0.223  | -9.21       | -8.46 | 0.223  | -9.98       | -9.11 | 0.223  | 1.29   | -4.30                            |
|               | 7          | 6705                   |       | -9.90                                | -8.99 | 0.223  | -9.22       | -8.50 | 0.223  | -10.21      | -8.96 | 0.223  | 1.29   | -4.32                            |
|               |            | 6785                   |       | -8.97                                | -8.47 | 0.223  | -8.33       | -7.86 | 0.223  | -9.22       | -8.61 | 0.223  | 1.29   | -3.57                            |
|               |            | 6865                   |       | -9.27                                | -8.60 | 0.223  | -8.78       | -8.14 | 0.223  | -9.90       | -9.21 | 0.223  | 3.07   | -2.14                            |
|               | 8          | 6945                   |       | -8.30                                | -7.59 | 0.223  | -7.51       | -7.25 | 0.223  | -8.61       | -8.05 | 0.223  | 3.07   | -1.07                            |
|               |            | 7025                   |       | -8.59                                | -8.13 | 0.223  | -8.04       | -7.80 | 0.223  | -9.10       | -8.71 | 0.223  | 3.07   | -1.62                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |        |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.72                                | -7.93  | 0.223  | -6.63       | -6.67 | 0.223  | -6.39       | -6.07 | 0.223  | 4.49   | 1.50                             |
|                      |            | 6185                   |       | -9.04                                | -8.67  | 0.223  | -7.90       | -7.72 | 0.223  | -7.51       | -7.28 | 0.223  | 4.49   | 0.33                             |
|                      |            | 6345                   |       | -9.58                                | -8.86  | 0.223  | -8.31       | -7.65 | 0.223  | -7.94       | -7.31 | 0.223  | 1.29   | -3.09                            |
|                      | 6          | 6505                   |       | -9.81                                | -9.38  | 0.223  | -8.73       | -8.28 | 0.223  | -8.28       | -7.98 | 0.223  | 1.29   | -3.60                            |
|                      |            | 6665                   |       | -10.90                               | -11.01 | 0.223  | -9.46       | -9.67 | 0.223  | -9.08       | -9.36 | 0.223  | 1.29   | -4.69                            |
|                      |            | 6825                   |       | -10.22                               | -10.45 | 0.223  | -8.69       | -9.14 | 0.223  | -8.25       | -8.75 | 0.223  | 3.07   | -2.19                            |
|                      | 8          | 6985                   |       | -9.41                                | -9.40  | 0.223  | -8.46       | -8.53 | 0.223  | -7.97       | -7.83 | 0.223  | 3.07   | -1.60                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |       |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.24                                | -6.08 | 0.223  | -6.95        | -6.47 | 0.223  | -8.56        | -8.08  | 0.223  | 4.49   | 1.56                             |
|                      |            | 6185                   |       | -7.52                                | -7.26 | 0.223  | -8.07        | -7.84 | 0.223  | -9.55        | -9.46  | 0.223  | 4.49   | 0.34                             |
|                      |            | 6345                   |       | -7.93                                | -7.34 | 0.223  | -8.37        | -7.98 | 0.223  | -10.06       | -9.71  | 0.223  | 1.29   | -3.10                            |
|                      | 6          | 6505                   |       | -8.23                                | -8.03 | 0.223  | -9.10        | -8.80 | 0.223  | -10.55       | -10.57 | 0.223  | 1.29   | -3.61                            |
|                      |            | 6665                   |       | -8.82                                | -9.31 | 0.223  | -9.45        | -9.85 | 0.223  | -10.71       | -11.29 | 0.223  | 1.29   | -4.53                            |
|                      |            | 6825                   |       | -8.30                                | -8.88 | 0.223  | -9.15        | -9.46 | 0.223  | -10.57       | -11.14 | 0.223  | 3.07   | -2.28                            |
|                      | 8          | 6985                   |       | -7.96                                | -8.05 | 0.223  | -8.74        | -8.88 | 0.223  | -10.04       | -10.39 | 0.223  | 3.07   | -1.70                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 39 |       |   | RU Index 40 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.08                                | -2.57 | 0.132   | -2.79       | -2.67 | 0.132   | -2.92       | -2.92 | 0.132   | 4.49   | 3.469                            |
|               |            | 6175                   |       | -4.03                                | -4.47 | 0.132   | -4.03       | -4.30 | 0.132   | -4.19       | -4.55 | 0.132   | 4.49   | -0.229                           |
|               |            | 6415                   |       | -4.33                                | -5.02 | 0.132   | -4.40       | -5.03 | 0.132   | -4.66       | -5.11 | 0.132   | 1.29   | -0.254                           |
|               | 6          | 6435                   |       | -4.68                                | -5.02 | 0.132   | -4.52       | -4.86 | 0.132   | -4.79       | -4.88 | 0.132   | 1.29   | -0.478                           |
|               |            | 6475                   |       | -4.80                                | -5.12 | 0.132   | -4.87       | -4.95 | 0.132   | -4.83       | -5.04 | 0.132   | 1.29   | -0.500                           |
|               |            | 6515                   |       | -4.97                                | -5.15 | 0.132   | -4.79       | -5.08 | 0.132   | -4.98       | -5.19 | 0.132   | 1.29   | -1.414                           |
|               | 7          | 6535                   |       | -5.67                                | -6.03 | 0.132   | -5.83       | -6.04 | 0.132   | -5.92       | -6.09 | 0.132   | 1.29   | -1.515                           |
|               |            | 6695                   |       | -6.40                                | -5.89 | 0.132   | -6.05       | -5.87 | 0.132   | -6.10       | -5.80 | 0.132   | 1.29   | 0.558                            |
|               |            | 6855                   |       | -5.70                                | -5.61 | 0.132   | -5.85       | -5.49 | 0.132   | -5.84       | -5.57 | 0.132   | 3.07   | 0.476                            |
|               | 8          | 6875                   |       | -6.10                                | -5.67 | 0.132   | -5.93       | -5.55 | 0.132   | -6.01       | -5.70 | 0.132   | 3.07   | 1.339                            |
|               |            | 6995                   |       | -4.98                                | -4.77 | 0.132   | -5.00       | -4.82 | 0.132   | -5.13       | -4.90 | 0.132   | 3.07   | 1.567                            |
|               |            | 7115                   |       | -4.65                                | -4.64 | 0.132   | -4.80       | -4.53 | 0.132   | -8.67       | -8.32 | 0.132   | 3.07   | 3.469                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 40 |       |   | RU Index 44 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.25                                | -2.81 | 0.132   | -3.17       | -2.95 | 0.132   | -3.14       | -2.98 | 0.132   | 4.49   | 4.61                             |
|               |            | 6165                   |       | -4.15                                | -4.39 | 0.132   | -4.18       | -4.55 | 0.132   | -4.24       | -4.63 | 0.132   | 4.49   | 3.36                             |
|               |            | 6405                   |       | -4.41                                | -5.10 | 0.132   | -4.52       | -5.05 | 0.132   | -4.67       | -5.26 | 0.132   | 1.29   | -0.31                            |
|               | 6          | 6445                   |       | -4.91                                | -4.97 | 0.132   | -4.86       | -5.06 | 0.132   | -4.87       | -5.00 | 0.132   | 1.29   | -0.50                            |
|               |            | 6485                   |       | -4.87                                | -5.12 | 0.132   | -4.81       | -5.04 | 0.132   | -4.88       | -5.31 | 0.132   | 1.29   | -0.49                            |
|               | 7          | 6525                   |       | -5.19                                | -5.15 | 0.132   | -5.13       | -5.42 | 0.132   | -5.09       | -5.36 | 0.132   | 1.29   | -0.74                            |
|               |            | 6685                   |       | -6.22                                | -5.88 | 0.132   | -6.29       | -6.05 | 0.132   | -6.47       | -5.81 | 0.132   | 1.29   | -1.61                            |
|               |            | 6845                   |       | -5.84                                | -5.46 | 0.132   | -6.06       | -5.43 | 0.132   | -6.12       | -5.75 | 0.132   | 3.07   | 0.57                             |
|               | 8          | 6885                   |       | -6.13                                | -5.60 | 0.132   | -6.24       | -5.66 | 0.132   | -6.28       | -6.02 | 0.132   | 3.07   | 0.36                             |
|               |            | 7005                   |       | -5.03                                | -4.78 | 0.132   | -5.17       | -4.99 | 0.132   | -5.36       | -5.08 | 0.132   | 3.07   | 1.31                             |
|               |            | 7085                   |       | -4.59                                | -4.28 | 0.132   | -4.66       | -4.46 | 0.132   | -4.99       | -4.67 | 0.132   | 3.07   | 1.78                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.84                                | -3.30 | 0.132  | -2.45       | -2.89 | 0.132  | -3.32       | -3.28 | 0.132  | 4.49   | 4.97                             |
|               |            | 6145                   |       | -4.29                                | -4.10 | 0.132  | -3.94       | -3.93 | 0.132  | -4.67       | -4.61 | 0.132  | 4.49   | 3.70                             |
|               |            | 6385                   |       | -5.06                                | -4.72 | 0.132  | -4.52       | -4.56 | 0.132  | -5.42       | -5.39 | 0.132  | 1.29   | -0.11                            |
|               | 6          | 6465                   |       | -5.11                                | -5.45 | 0.132  | -4.95       | -5.09 | 0.132  | -5.46       | -5.68 | 0.132  | 1.29   | -0.59                            |
|               |            | 6545                   |       | -5.43                                | -5.83 | 0.132  | -5.19       | -5.53 | 0.132  | -5.80       | -6.20 | 0.132  | 1.29   | -0.92                            |
|               |            | 7                      |       | 6625                                 | -5.99 | -6.82  | 0.132       | -5.85 | -6.50  | 0.132       | -6.21 | -7.20  | 0.132  | 1.29                             |
|               | 6705       |                        |       | -6.28                                | -7.16 | 0.132  | -5.58       | -6.84 | 0.132  | -6.08       | -7.29 | 0.132  | 1.29   | -1.73                            |
|               | 6785       |                        |       | -5.49                                | -6.28 | 0.132  | -5.28       | -6.04 | 0.132  | -5.59       | -6.46 | 0.132  | 1.29   | -1.21                            |
|               | 8          | 6865                   |       | -5.63                                | -6.72 | 0.132  | -5.24       | -6.40 | 0.132  | -6.19       | -7.19 | 0.132  | 3.07   | 0.43                             |
|               |            | 6945                   |       | -4.99                                | -5.41 | 0.132  | -4.27       | -5.14 | 0.132  | -5.07       | -5.73 | 0.132  | 3.07   | 1.53                             |
|               |            | 7025                   |       | -5.31                                | -5.91 | 0.132  | -4.97       | -5.52 | 0.132  | -5.61       | -6.29 | 0.132  | 3.07   | 0.98                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.43                                | -4.55 | 0.132  | -3.46       | -3.44 | 0.132  | -3.05       | -2.89 | 0.132  | 4.49   | 4.66                             |
|                      |            | 6185                   |       | -5.80                                | -5.39 | 0.132  | -4.75       | -4.52 | 0.132  | -4.30       | -4.12 | 0.132  | 4.49   | 3.42                             |
|                      |            | 6345                   |       | -6.28                                | -5.93 | 0.132  | -5.21       | -4.54 | 0.132  | -4.64       | -4.17 | 0.132  | 1.29   | 0.03                             |
|                      | 6          | 6505                   |       | -6.47                                | -6.51 | 0.132  | -5.62       | -5.47 | 0.132  | -5.16       | -4.99 | 0.132  | 1.29   | -0.64                            |
|                      |            | 6665                   |       | -7.60                                | -7.85 | 0.132  | -6.25       | -6.72 | 0.132  | -5.95       | -6.28 | 0.132  | 1.29   | -1.68                            |
|                      | 7          | 6825                   |       | -7.07                                | -7.38 | 0.132  | -5.93       | -6.20 | 0.132  | -5.40       | -5.74 | 0.132  | 3.07   | 0.65                             |
|                      |            | 6985                   |       | -5.90                                | -6.40 | 0.132  | -5.06       | -5.38 | 0.132  | -4.89       | -5.02 | 0.132  | 3.07   | 1.26                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |  | RU Index S44 |       |  | RU Index S52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -2.98                                | -3.02 | 0.132  | -3.59        | -3.42 | 0.132  | -5.30        | -5.02 | 0.132  | 4.49   | 4.63                             |
|                      |            | 6185                   |       | -4.48                                | -4.09 | 0.132  | -5.06        | -4.78 | 0.132  | -6.24        | -6.37 | 0.132  | 4.49   | 3.35                             |
|                      |            | 6345                   |       | -4.63                                | -4.30 | 0.132  | -5.20        | -4.69 | 0.132  | -6.97        | -6.37 | 0.132  | 1.29   | -0.03                            |
|                      | 6          | 6505                   |       | -4.99                                | -4.99 | 0.132  | -5.99        | -5.55 | 0.132  | -7.46        | -7.09 | 0.132  | 1.29   | -0.56                            |
|                      |            | 6665                   |       | -5.83                                | -6.35 | 0.132  | -6.36        | -6.86 | 0.132  | -7.58        | -8.33 | 0.132  | 1.29   | -1.65                            |
|                      | 7          | 6825                   |       | -5.26                                | -6.01 | 0.132  | -6.01        | -6.53 | 0.132  | -7.60        | -8.11 | 0.132  | 3.07   | 0.59                             |
|                      |            | 6985                   |       | -4.82                                | -5.24 | 0.132  | -5.57        | -5.54 | 0.132  | -7.25        | -7.24 | 0.132  | 3.07   | 1.19                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.15                                 | 0.21  | N/A   | -0.09       | 0.20  | N/A   | 4.49   | 7.68                             |
|               |            | 6175                   |       | -0.98                                | -1.18 | N/A   | -1.14       | -1.34 | N/A   | 4.49   | 6.42                             |
|               |            | 6415                   |       | -1.26                                | -1.88 | N/A   | -1.52       | -2.09 | N/A   | 1.29   | 2.74                             |
|               | 6          | 6435                   |       | -1.76                                | -1.67 | N/A   | -1.54       | -1.76 | N/A   | 1.29   | 2.65                             |
|               |            | 6475                   |       | -1.66                                | -1.89 | N/A   | -1.78       | -1.93 | N/A   | 1.29   | 2.53                             |
|               |            | 6515                   |       | -1.91                                | -1.93 | N/A   | -1.84       | -2.11 | N/A   | 1.29   | 2.38                             |
|               | 7          | 6535                   |       | -2.73                                | -2.95 | N/A   | -2.85       | -2.99 | N/A   | 1.29   | 1.46                             |
|               |            | 6695                   |       | -3.30                                | -2.93 | N/A   | -3.08       | -2.89 | N/A   | 1.29   | 1.32                             |
|               |            | 6855                   |       | -2.73                                | -2.36 | N/A   | -2.80       | -2.53 | N/A   | 3.07   | 3.54                             |
|               | 8          | 6875                   |       | -2.97                                | -2.45 | N/A   | -2.97       | -2.71 | N/A   | 3.07   | 3.38                             |
|               |            | 6995                   |       | -1.75                                | -1.82 | N/A   | -1.91       | -1.95 | N/A   | 3.07   | 4.30                             |
|               |            | 7115                   |       | -1.58                                | -1.46 | N/A   | -8.74       | -8.12 | N/A   | 3.07   | 4.56                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   | RU Index 56 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.03                                | 0.17  | N/A   | 0.04        | 0.21  | N/A   | 0.06        | -0.10 | N/A   | 4.49   | 7.63                             |
|               |            | 6165                   |       | -1.04                                | -1.32 | N/A   | -1.21       | -1.38 | N/A   | -1.27       | -1.45 | N/A   | 4.49   | 6.32                             |
|               |            | 6405                   |       | -1.50                                | -2.06 | N/A   | -1.55       | -1.93 | N/A   | -1.72       | -2.23 | N/A   | 1.29   | 2.56                             |
|               | 6          | 6445                   |       | -1.72                                | -1.85 | N/A   | -1.46       | -1.83 | N/A   | -1.66       | -1.86 | N/A   | 1.29   | 2.66                             |
|               |            | 6485                   |       | -1.85                                | -1.97 | N/A   | -1.64       | -1.99 | N/A   | -2.00       | -2.06 | N/A   | 1.29   | 2.49                             |
|               | 7          | 6525                   |       | -2.00                                | -2.14 | N/A   | -2.01       | -2.32 | N/A   | -2.00       | -2.47 | N/A   | 1.29   | 2.23                             |
|               |            | 6685                   |       | -3.25                                | -2.96 | N/A   | -3.29       | -2.87 | N/A   | -3.32       | -2.77 | N/A   | 1.29   | 1.26                             |
|               |            | 6845                   |       | -2.74                                | -2.34 | N/A   | -2.91       | -2.35 | N/A   | -3.07       | -2.56 | N/A   | 3.07   | 3.54                             |
|               | 8          | 6885                   |       | -3.06                                | -2.70 | N/A   | -3.17       | -2.75 | N/A   | -3.26       | -2.99 | N/A   | 3.07   | 3.20                             |
|               |            | 7005                   |       | -2.04                                | -1.81 | N/A   | -1.91       | -1.94 | N/A   | -2.22       | -2.08 | N/A   | 3.07   | 4.16                             |
|               |            | 7085                   |       | -1.64                                | -1.41 | N/A   | -1.74       | -1.40 | N/A   | -1.86       | -1.54 | N/A   | 3.07   | 4.56                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 56 |       |   | RU Index 60 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.18                                | -0.30 | N/A   | 0.46        | 0.10  | N/A   | -0.33       | -0.43 | N/A   | 4.49   | 7.78                             |
|               |            | 6145                   |       | -1.32                                | -1.18 | N/A   | -1.26       | -0.96 | N/A   | -1.62       | -1.75 | N/A   | 4.49   | 6.39                             |
|               |            | 6385                   |       | -2.09                                | -1.83 | N/A   | -1.82       | -1.57 | N/A   | -2.45       | -2.27 | N/A   | 1.29   | 2.61                             |
|               | 6          | 6465                   |       | -2.07                                | -2.43 | N/A   | -1.65       | -2.14 | N/A   | -2.36       | -2.65 | N/A   | 1.29   | 2.41                             |
|               |            | 6545                   |       | -2.28                                | -2.85 | N/A   | -2.24       | -2.66 | N/A   | -2.87       | -3.21 | N/A   | 1.29   | 1.86                             |
|               |            | 7                      |       | 6625                                 | -3.23 | -3.86   | N/A         | -2.85 | -3.58   | N/A         | -3.08 | -4.17   | N/A  | 1.29                             |
|               | 6705       |                        |       | -3.09                                | -4.19 | N/A   | -2.69       | -3.96 | N/A   | -3.05       | -4.42 | N/A   | 1.29   | 1.02                             |
|               | 6785       |                        |       | -2.00                                | -3.02 | N/A   | -1.77       | -2.81 | N/A   | -2.45       | -3.40 | N/A   | 1.29   | 2.04                             |
|               | 8          | 6865                   |       | -2.53                                | -3.37 | N/A   | -2.34       | -3.11 | N/A   | -2.83       | -3.81 | N/A   | 3.07   | 3.37                             |
|               |            | 6945                   |       | -1.58                                | -2.25 | N/A   | -1.33       | -1.93 | N/A   | -2.15       | -2.47 | N/A   | 3.07   | 4.46                             |
|               |            | 7025                   |       | -2.10                                | -2.41 | N/A   | -1.65       | -2.40 | N/A   | -2.53       | -3.02 | N/A   | 3.07   | 4.07                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|------|
|                      |            |                        |       | RU Index 53                          |       |   | RU Index 56 |       |   | RU Index 60 |       |   |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.49                                | -1.46 | N/A   | -0.35       | -0.41 | N/A   | 0.05        | 0.24  | N/A   | 4.49   | 7.65                             |      |
|                      |            | 6185                   |       | -2.64                                | -2.37 | N/A   | -1.61       | -1.41 | N/A   | -1.33       | -1.24 | N/A   | 4.49   | 6.22                             |      |
|                      |            | 6345                   |       | -3.38                                | -2.51 | N/A   | -2.17       | -1.60 | N/A   | -1.76       | -1.13 | N/A   | 1.29   | 2.87                             |      |
|                      | 6          | 6505                   |       | -3.27                                | -3.25 | N/A   | -2.32       | -2.27 | N/A   | -1.98       | -1.94 | N/A   | 1.29   | 2.34                             |      |
|                      |            | 7                      |       | 6665                                 | -4.59 | -4.71   | N/A         | -3.60 | -3.49   | N/A         | -2.84 | -3.06   | N/A  | 1.29                             | 1.35 |
|                      |            |                        |       | 6825                                 | -4.03 | -3.89   | N/A         | -3.24 | -3.12   | N/A         | -2.56 | -2.39   | N/A  | 3.07                             | 3.61 |
|                      | 8          | 6985                   |       | -3.04                                | -2.90 | N/A   | -2.07       | -2.08 | N/A   | -1.70       | -1.70 | N/A   | 3.07   | 4.38                             |      |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |              |       |   |              |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|--------------|-------|---|--------------|-------|---|--|----------------------------------|------|
|                      |            |                        |       | RU Index S53                         |       |   | RU Index S56 |       |   | RU Index S60 |       |   |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | 0.06                                 | 0.00  | N/A   | -0.69        | -0.35 | N/A   | -2.19        | -1.85 | N/A   | 4.49   | 7.53                             |      |
|                      |            | 6185                   |       | -1.45                                | -1.02 | N/A   | -1.85        | -1.74 | N/A   | -3.35        | -3.31 | N/A   | 4.49   | 6.27                             |      |
|                      |            | 6345                   |       | -1.64                                | -1.32 | N/A   | -2.23        | -1.67 | N/A   | -3.53        | -3.10 | N/A   | 1.29   | 2.82                             |      |
|                      | 6          | 6505                   |       | -2.18                                | -1.95 | N/A   | -2.58        | -2.38 | N/A   | -4.07        | -4.10 | N/A   | 1.29   | 2.24                             |      |
|                      |            | 7                      |       | 6665                                 | -3.07 | -3.34   | N/A          | -3.66 | -3.64   | N/A          | -5.15 | -4.94   | N/A  | 1.29                             | 1.10 |
|                      |            |                        |       | 6825                                 | -2.46 | -2.40   | N/A          | -3.21 | -3.07   | N/A          | -4.60 | -4.76   | N/A  | 3.07                             | 3.65 |
|                      | 8          | 6985                   |       | -1.68                                | -1.65 | N/A   | -2.56        | -2.18 | N/A   | -4.00        | -3.76 | N/A   | 3.07   | 4.42                             |      |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.95                                 | 2.38 | 0.15   | 4.49   | 9.82                             |
|               |            | 6175                   |       | 1.79                                 | 2.2  | 0.15   | 4.49   | 9.65                             |
|               |            | 6415                   |       | 1.76                                 | 2.23 | 0.15   | 1.29   | 6.45                             |
|               | 6          | 6435                   |       | 1.2                                  | 1.69 | 0.15   | 1.29   | 5.90                             |
|               |            | 6475                   |       | 1.26                                 | 1.64 | 0.15   | 1.29   | 5.90                             |
|               |            | 6515                   |       | 1.66                                 | 1.57 | 0.15   | 1.29   | 6.07                             |
|               | 7          | 6535                   |       | 1.21                                 | 1.42 | 0.15   | 1.29   | 5.77                             |
|               |            | 6695                   |       | 1.57                                 | 1.61 | 0.15   | 1.29   | 6.04                             |
|               |            | 6855                   |       | 1.33                                 | 1.52 | 0.15   | 3.07   | 7.66                             |
|               | 8          | 6875                   |       | 0.81                                 | 1.01 | 0.15   | 3.07   | 7.14                             |
|               |            | 6995                   |       | 0.76                                 | 0.7  | 0.15   | 3.07   | 6.96                             |
|               |            | 7115                   |       | -2.98                                | -2.9 | 0.15   | 3.07   | 3.29                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.88                                 | 1.2   | 0.15   | 1.65        | 1.01  | 0.15   | 4.49   | 9.20                             |
|               |            | 6165                   |       | 1.58                                 | 1.28  | 0.15   | 1.31        | 0.99  | 0.15   | 4.49   | 9.08                             |
|               |            | 6405                   |       | 1.58                                 | 1.1   | 0.15   | 1.41        | 1.19  | 0.15   | 1.29   | 5.80                             |
|               | 6          | 6445                   |       | 0.93                                 | 0.97  | 0.15   | 1.17        | 0.92  | 0.15   | 1.29   | 5.50                             |
|               |            | 6485                   |       | 1.02                                 | 0.62  | 0.15   | 0.78        | 1.25  | 0.15   | 1.29   | 5.47                             |
|               | 7          | 6525                   |       | 1.14                                 | 0.76  | 0.15   | 1.97        | 1.26  | 0.15   | 1.29   | 6.08                             |
|               |            | 6685                   |       | 0.89                                 | 0.04  | 0.15   | 1.24        | 0.09  | 0.15   | 1.29   | 5.15                             |
|               |            | 6845                   |       | 0.9                                  | -0.16 | 0.15   | 1.18        | 0.05  | 0.15   | 3.07   | 6.88                             |
|               | 8          | 6885                   |       | 0.64                                 | -0.27 | 0.15   | 0.51        | -0.29 | 0.15   | 3.07   | 6.44                             |
|               |            | 7005                   |       | 0.54                                 | -0.46 | 0.15   | 0.73        | -0.38 | 0.15   | 3.07   | 6.44                             |
|               |            | 7085                   |       | 0.75                                 | -0.15 | 0.15   | 1.01        | 0.25  | 0.15   | 3.07   | 6.88                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.21                                 | 2.52 | 0.15   | 2.15        | 2.62 | 0.15   | 2.13        | 2.17 | 0.15   | 4.49   | 10.04                            |
|               |            | 6145                   |       | 2.33                                 | 2.38 | 0.15   | 2.36        | 2.3  | 0.15   | 2.03        | 2.09 | 0.15   | 4.49   | 10.01                            |
|               |            | 6385                   |       | 1.95                                 | 1.9  | 0.15   | 2.15        | 2.23 | 0.15   | 2.12        | 2.27 | 0.15   | 1.29   | 6.65                             |
|               | 6          | 6465                   |       | 1.59                                 | 1.48 | 0.15   | 2.61        | 2.58 | 0.15   | 1.59        | 1.42 | 0.15   | 1.29   | 7.05                             |
|               |            | 6545                   |       | 1.24                                 | 1.88 | 0.15   | 2.09        | 2.68 | 0.15   | 1.82        | 2.18 | 0.15   | 1.29   | 6.85                             |
|               |            | 7                      |       | 6625                                 | 0.72 | 1.37   | 0.15        | 0.96 | 1.6  | 0.15        | 0.66 | 1.49   | 0.15   | 1.29                             |
|               | 6705       |                        |       | 0.89                                 | 1.61 | 0.15   | 1.01        | 1.62 | 0.15   | 0.71        | 1.53 | 0.15   | 1.29   | 5.78                             |
|               | 6785       |                        |       | 0.78                                 | 1.45 | 0.15   | 0.77        | 1.53 | 0.15   | 0.57        | 1.6  | 0.15   | 1.29   | 5.62                             |
|               | 8          | 6865                   |       | 0.65                                 | 1.19 | 0.15   | 1.08        | 1.64 | 0.15   | 0.18        | 0.57 | 0.15   | 3.07   | 7.60                             |
|               |            | 6945                   |       | 0.28                                 | 0.77 | 0.15   | 1.21        | 1.85 | 0.15   | 0.32        | 0.75 | 0.15   | 3.07   | 7.77                             |
|               |            | 7025                   |       | 0.02                                 | 0.7  | 0.15   | 1.03        | 1.71 | 0.15   | -0.3        | 0.88 | 0.15   | 3.07   | 7.61                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |      |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|------|--|-------------|-------|--|--|----------------------------------|------|
|                      |            |                        |       | RU Index 61                          |       |  | RU Index 62 |      |  | RU Index 64 |       |  |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.72                                 | 2.48  | 0.15   | 2.11        | 2.92 | 0.15   | 1.5         | 2.32  | 0.15   | 4.49   | 10.18                            |      |
|                      |            | 6185                   |       | 1.65                                 | 2.27  | 0.15   | 1.96        | 2.73 | 0.15   | 1.56        | 2.24  | 0.15   | 4.49   | 10.01                            |      |
|                      |            | 6345                   |       | 1.65                                 | 2.36  | 0.15   | 2.21        | 2.35 | 0.15   | 1.63        | 2.3   | 0.15   | 1.29   | 6.73                             |      |
|                      | 6          | 6505                   |       | 1.37                                 | 1.83  | 0.15   | 2.39        | 2.82 | 0.15   | 1.35        | 1.68  | 0.15   | 1.29   | 7.06                             |      |
|                      |            | 7                      |       | 6665                                 | -0.12 | 1.3  | 0.15        | 0.44 | 1.61   | 0.15        | 0     | 1.66   | 0.15   | 1.29                             | 5.51 |
|                      |            |                        |       | 6825                                 | -0.27 | 1.24   | 0.15        | 0.25 | 1.49   | 0.15        | -0.45 | 0.97   | 0.15   | 3.07                             | 7.14 |
|                      | 8          | 6985                   |       | -0.75                                | 0.48  | 0.15   | 0.53        | 1.75 | 0.15   | -0.94       | 0.73  | 0.15   | 3.07   | 7.41                             |      |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |      |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|------|--|--------------|-------|--|--|----------------------------------|------|
|                      |            |                        |       | RU Index S61                         |       |  | RU Index S62 |      |  | RU Index S64 |       |  |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.26                                 | 2.51  | 0.15   | 1.3          | 2.41 | 0.15   | 1.5          | 2.3   | 0.15   | 4.49   | 9.58                             |      |
|                      |            | 6185                   |       | 1.6                                  | 2.3   | 0.15   | 1.32         | 2.27 | 0.15   | 1.7          | 2.41  | 0.15   | 4.49   | 9.72                             |      |
|                      |            | 6345                   |       | 1.65                                 | 2.18  | 0.15   | 1.41         | 2.16 | 0.15   | 1.79         | 2.28  | 0.15   | 1.29   | 6.49                             |      |
|                      | 6          | 6505                   |       | 1.43                                 | 1.69  | 0.15   | 1.9          | 2.43 | 0.15   | 1.62         | 2.37  | 0.15   | 1.29   | 6.62                             |      |
|                      |            | 7                      |       | 6665                                 | -0.39 | 1.41   | 0.15         | -0.7 | 1.19   | 0.15         | -0.65 | 1.49   | 0.15   | 1.29                             | 5.05 |
|                      |            |                        |       | 6825                                 | -0.77 | 1.13   | 0.15         | 0.07 | 1.22   | 0.15         | -0.51 | 0.73   | 0.15   | 3.07                             | 6.91 |
|                      | 8          | 6985                   |       | -0.72                                | 0.55  | 0.15   | -0.02        | 1.35 | 0.15   | -0.55        | 0.87  | 0.15   | 3.07   | 6.95                             |      |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.17                                 | 5.38 | N/A  | 4.49   | 12.78                            |
|               |            | 6165                   |       | 4.96                                 | 5.25 | N/A  | 4.49   | 12.61                            |
|               |            | 6405                   |       | 4.96                                 | 5    | N/A  | 1.29   | 9.28                             |
|               | 6          | 6445                   |       | 5.11                                 | 5.45 | N/A  | 1.29   | 9.58                             |
|               |            | 6485                   |       | 5.14                                 | 5.3  | N/A  | 1.29   | 9.52                             |
|               | 7          | 6525                   |       | 5.24                                 | 5.26 | N/A  | 1.29   | 9.55                             |
|               |            | 6685                   |       | 4.57                                 | 4.7  | N/A  | 1.29   | 8.94                             |
|               |            | 6845                   |       | 4.44                                 | 4.44 | N/A  | 3.07   | 10.52                            |
|               | 8          | 6885                   |       | 4.63                                 | 4.64 | N/A  | 3.07   | 10.72                            |
|               |            | 7005                   |       | 4.34                                 | 4.3  | N/A  | 3.07   | 10.40                            |
|               |            | 7085                   |       | 4.62                                 | 4.85 | N/A  | 3.07   | 10.82                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  | RU Index 66 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.23                                 | 5.13 | N/A  | 5.08        | 5.27 | N/A  | 4.49   | 12.68                            |
|               |            | 6145                   |       | 5.2                                  | 5.19 | N/A  | 5.25        | 4.99 | N/A  | 4.49   | 12.70                            |
|               |            | 6385                   |       | 4.82                                 | 5.01 | N/A  | 5.21        | 4.95 | N/A  | 1.29   | 9.38                             |
|               | 6          | 6465                   |       | 5.2                                  | 4.94 | N/A  | 5.14        | 5.2  | N/A  | 1.29   | 9.47                             |
|               |            | 6545                   |       | 4.89                                 | 5.39 | N/A  | 4.91        | 5.02 | N/A  | 1.29   | 9.45                             |
|               | 7          | 6625                   |       | 4.2                                  | 4.29 | N/A  | 4.08        | 4.27 | N/A  | 1.29   | 8.55                             |
|               |            | 6705                   |       | 4.22                                 | 4.18 | N/A  | 4.09        | 4.46 | N/A  | 1.29   | 8.58                             |
|               |            | 6785                   |       | 3.9                                  | 4.35 | N/A  | 4.23        | 4.51 | N/A  | 1.29   | 8.67                             |
|               | 8          | 6865                   |       | 3.99                                 | 4.33 | N/A  | 4.25        | 4.38 | N/A  | 3.07   | 10.40                            |
|               |            | 6945                   |       | 4.45                                 | 4.11 | N/A  | 4.17        | 4.37 | N/A  | 3.07   | 10.36                            |
|               |            | 7025                   |       | 4.08                                 | 4.38 | N/A  | 4.26        | 4.3  | N/A  | 3.07   | 10.36                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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



| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.72                                 | 5.15 | N/A   | 4.41        | 5.38 | N/A   | 4.49   | 12.44                            |
|                      |            | 6185                   |       | 4.79                                 | 5.09 | N/A   | 4.82        | 5.03 | N/A   | 4.49   | 12.44                            |
|                      |            | 6345                   |       | 4.69                                 | 4.93 | N/A   | 4.79        | 5.04 | N/A   | 1.29   | 9.22                             |
|                      | 6          | 6505                   |       | 5.09                                 | 4.96 | N/A   | 5.07        | 5.25 | N/A   | 1.29   | 9.46                             |
|                      | 7          | 6665                   |       | 3.83                                 | 4.41 | N/A   | 3.38        | 4.28 | N/A   | 1.29   | 8.43                             |
|                      |            | 6825                   |       | 3.72                                 | 4.23 | N/A   | 3.58        | 4.48 | N/A   | 3.07   | 10.13                            |
|                      |            | 6985                   |       | 4.12                                 | 4.12 | N/A   | 3.85        | 4.47 | N/A   | 3.07   | 10.25                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.58                                 | 5.13 | N/A   | 4.6          | 5.14 | N/A   | 4.49   | 12.38                            |
|                      |            | 6185                   |       | 4.68                                 | 5.09 | N/A   | 4.64         | 4.97 | N/A   | 4.49   | 12.39                            |
|                      |            | 6345                   |       | 4.51                                 | 5.07 | N/A   | 4.7          | 4.92 | N/A   | 1.29   | 9.11                             |
|                      | 6          | 6505                   |       | 4.8                                  | 5.3  | N/A   | 4.68         | 5.02 | N/A   | 1.29   | 9.36                             |
|                      | 7          | 6665                   |       | 3.72                                 | 4.23 | N/A   | 3.79         | 4.36 | N/A   | 1.29   | 8.38                             |
|                      |            | 6825                   |       | 3.87                                 | 4.33 | N/A   | 3.89         | 4.43 | N/A   | 3.07   | 10.25                            |
|                      |            | 6985                   |       | 3.97                                 | 4.31 | N/A   | 3.8          | 4.64 | N/A   | 3.07   | 10.32                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7                                    | 6.29 | 0.159  | 4.49   | 14.32                            |
|               |            | 6145                   |       | 6.97                                 | 6.01 | 0.159  | 4.49   | 14.18                            |
|               |            | 6385                   |       | 7.34                                 | 6.33 | 0.159  | 1.29   | 11.32                            |
|               | 6          | 6465                   |       | 7.21                                 | 6.08 | 0.159  | 1.29   | 11.14                            |
|               |            | 6545                   |       | 7.31                                 | 6.06 | 0.159  | 1.29   | 11.19                            |
|               | 7          | 6625                   |       | 6.62                                 | 5.32 | 0.159  | 1.29   | 10.48                            |
|               |            | 6705                   |       | 6.26                                 | 5.04 | 0.159  | 1.29   | 10.15                            |
|               |            | 6785                   |       | 6.11                                 | 4.98 | 0.159  | 1.29   | 10.04                            |
|               | 8          | 6865                   |       | 5.97                                 | 5.09 | 0.159  | 3.07   | 11.79                            |
|               |            | 6945                   |       | 6.43                                 | 5.32 | 0.159  | 3.07   | 12.15                            |
|               |            | 7025                   |       | 6.53                                 | 5.59 | 0.159  | 3.07   | 12.32                            |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |  | RU Index S67 |      |  |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.35                                 | 6.54 | 0.159  | 7.17         | 6.64 | 0.159  | 4.49   | 14.62                            |
|                |            | 6185                   |       | 7.44                                 | 6.76 | 0.159  | 7.53         | 6.55 | 0.159  | 4.49   | 14.77                            |
|                |            | 6345                   |       | 7.66                                 | 6.48 | 0.159  | 7.36         | 6.67 | 0.159  | 1.29   | 11.57                            |
|                | 6          | 6505                   |       | 6.93                                 | 5.96 | 0.159  | 6.89         | 6.03 | 0.159  | 1.29   | 10.94                            |
|                |            | 6665                   |       | 6.68                                 | 5.47 | 0.159  | 6.53         | 5.32 | 0.159  | 1.29   | 10.58                            |
|                | 7          | 6825                   |       | 6.39                                 | 5.49 | 0.159  | 5.95         | 5.29 | 0.159  | 3.07   | 12.20                            |
|                |            | 6985                   |       | 6.4                                  | 5.52 | 0.159  | 6.31         | 5.46 | 0.159  | 3.07   | 12.22                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Test SKU: SKU #3 [with (INPAQ) WA-P-LBLB-04-108 Antenna]**

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.47                                 | 0.92  | N/A                               | 4.28                                    | 8.49                                  | 24dBm |
|                 |            | 6175                   | 1.17                                 | 0.92  |                                   | 4.28                                    | 8.34                                  |       |
|                 |            | 6415                   | 1.11                                 | 0.98  |                                   | 4.28                                    | 8.34                                  |       |
|                 | 6          | 6435                   | 1.23                                 | 1.18  |                                   | 0.11                                    | 4.33                                  |       |
|                 |            | 6475                   | 1.48                                 | 1.22  |                                   | 0.11                                    | 4.47                                  |       |
|                 |            | 6515                   | 1.11                                 | 1.16  |                                   | 0.11                                    | 4.26                                  |       |
|                 | 7          | 6535                   | 0.52                                 | 0.42  |                                   | 2.24                                    | 5.72                                  |       |
|                 |            | 6695                   | 0.71                                 | -0.09 |                                   | 2.24                                    | 5.58                                  |       |
|                 |            | 6855                   | 0.71                                 | -0.05 |                                   | 2.24                                    | 5.60                                  |       |
|                 | 8          | 6875                   | 0.76                                 | -0.03 |                                   | 2.24                                    | 5.63                                  |       |
|                 |            | 6995                   | 0.73                                 | -0.17 |                                   | 1.26                                    | 4.57                                  |       |
|                 |            | 7115                   | -3.65                                | -3.04 |                                   | 1.26                                    | 0.94                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 4.94                                 | 5.08  | N/A                               | 4.28                                    | 12.30                                 | 24dBm |
|                 |            | 6165                   | 4.92                                 | 4.78  |                                   | 4.28                                    | 12.14                                 |       |
|                 |            | 6405                   | 4.57                                 | 4.74  |                                   | 4.28                                    | 11.95                                 |       |
|                 | 6          | 6445                   | 4.69                                 | 5.20  |                                   | 0.11                                    | 8.07                                  |       |
|                 |            | 6485                   | 4.86                                 | 5.13  |                                   | 0.11                                    | 8.12                                  |       |
|                 | 7          | 6525                   | 5.01                                 | 4.95  |                                   | 2.24                                    | 10.23                                 |       |
|                 |            | 6685                   | 4.09                                 | 3.89  |                                   | 2.24                                    | 9.24                                  |       |
|                 |            | 6845                   | 4.23                                 | 3.84  |                                   | 2.24                                    | 9.29                                  |       |
|                 | 8          | 6885                   | 4.29                                 | 3.86  |                                   | 1.26                                    | 8.35                                  |       |
|                 |            | 7005                   | 4.22                                 | 3.92  |                                   | 1.26                                    | 8.34                                  |       |
|                 |            | 7085                   | 4.35                                 | 4.14  |                                   | 1.26                                    | 8.52                                  |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain = 10 log[(10<sup>G1/10</sup> + 10<sup>G2/10</sup> + ... + 10<sup>GN/10</sup>)/N<sub>ANT</sub>] dBi

Directional gain:

5925-6425MHz: Directional gain = 10 log[(10<sup>3.70/10</sup> + 10<sup>4.80/10</sup>)/2]= 4.28dBi

6425-6525MHz: Directional gain = 10 log[(10<sup>-1.00/10</sup> + 10<sup>1.00/10</sup>)/2]= 0.11dBi

6525-6875MHz: Directional gain = 10 log[(10<sup>2.86/10</sup> + 10<sup>1.60/10</sup>)/2]= 0.24dBi

6875-7125MHz: Directional gain = 10 log[(10<sup>-1.40/10</sup> + 10<sup>2.90/10</sup>)/2]= 1.26dBi

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

3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Modulation Type | U-NII Band     | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |      | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|----------------|------------------------|--------------------------------------|------|-----------------------------------|---|---------------------------------------|-------|
|                 |                |                        | AUX                                  | Main |                                   |   |                                       |       |
| 802.11ax-HE80   | 5              | 5985                   | 6.56                                 | 6.15 | N/A                               | 4.28                                    | 13.65                                 | 24dBm |
|                 |                | 6145                   | 6.26                                 | 5.73 |                                   | 4.28                                    | 13.29                                 |       |
|                 |                | 6385                   | 6.70                                 | 6.02 |                                   | 4.28                                    | 13.66                                 |       |
|                 | 6              | 6465                   | 6.85                                 | 5.93 |                                   | 0.11                                    | 9.53                                  |       |
|                 |                | 6545                   | 6.82                                 | 5.83 |                                   | 2.24                                    | 11.60                                 |       |
|                 | 7              | 6625                   | 5.65                                 | 5.12 |                                   | 2.24                                    | 10.64                                 |       |
|                 |                | 6705                   | 5.75                                 | 5.09 |                                   | 2.24                                    | 10.68                                 |       |
|                 |                | 6785                   | 5.73                                 | 4.92 |                                   | 2.24                                    | 10.59                                 |       |
|                 | 8              | 6865                   | 5.82                                 | 4.75 |                                   | 2.24                                    | 10.57                                 |       |
|                 |                | 6945                   | 5.79                                 | 5.16 |                                   | 1.26                                    | 9.76                                  |       |
|                 |                | 7025                   | 5.82                                 | 5.41 |                                   | 1.26                                    | 9.89                                  |       |
|                 | 802.11ax-HE160 | 5                      | 6025                                 | 9.67 |                                   | 8.84                                    | N/A                                   |       |
| 6185            |                |                        | 9.57                                 | 8.83 | 4.28                              | 16.51                                   |                                       |       |
| 6345            |                |                        | 9.93                                 | 9.01 | 4.28                              | 16.78                                   |                                       |       |
| 6               |                | 6505                   | 9.53                                 | 8.86 | 0.11                              | 12.33                                   |                                       |       |
|                 |                | 6665                   | 8.72                                 | 7.88 | 2.24                              | 13.57                                   |                                       |       |
| 7               |                | 6825                   | 8.77                                 | 7.92 | 2.24                              | 13.62                                   |                                       |       |
|                 |                | 6985                   | 8.80                                 | 8.12 | 1.26                              | 12.74                                   |                                       |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. 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:  
 5925-6425MHz: Directional gain =  $10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28$  dBi  
 6425-6525MHz: Directional gain =  $10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11$  dBi  
 6525-6875MHz: Directional gain =  $10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24$  dBi  
 6875-7125MHz: Directional gain =  $10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26$  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).  
 3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

● OFDMA Modulation

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |            |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 4 |       |   | RU Index 8 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.36                                | -6.08 | 0.223   | -6.36      | -6.14 | 0.223   | -6.43      | -6.15 | 0.223   | 4.28   | 1.30                             |
|               |            | 6175                   |       | -7.60                                | -7.79 | 0.223   | -7.35      | -7.66 | 0.223   | -7.71      | -7.94 | 0.223   | 4.28   | 0.01                             |
|               |            | 6415                   |       | -7.74                                | -8.32 | 0.223   | -7.87      | -8.20 | 0.223   | -8.28      | -8.58 | 0.223   | 4.28   | -0.51                            |
|               | 6          | 6435                   |       | -7.88                                | -8.17 | 0.223   | -7.93      | -8.00 | 0.223   | -7.97      | -8.34 | 0.223   | 0.11   | -4.62                            |
|               |            | 6475                   |       | -8.19                                | -8.23 | 0.223   | -8.05      | -8.33 | 0.223   | -8.22      | -8.49 | 0.223   | 0.11   | -4.84                            |
|               |            | 6515                   |       | -8.43                                | -8.50 | 0.223   | -8.09      | -8.48 | 0.223   | -8.43      | -8.59 | 0.223   | 0.11   | -4.94                            |
|               | 7          | 6535                   |       | -9.04                                | -9.37 | 0.223   | -8.99      | -9.27 | 0.223   | -9.30      | -9.61 | 0.223   | 2.24   | -3.65                            |
|               |            | 6695                   |       | -9.62                                | -9.20 | 0.223   | -9.38      | -9.00 | 0.223   | -9.81      | -9.16 | 0.223   | 2.24   | -3.71                            |
|               |            | 6855                   |       | -9.02                                | -8.86 | 0.223   | -9.14      | -8.65 | 0.223   | -9.14      | -8.94 | 0.223   | 2.24   | -3.41                            |
|               | 8          | 6875                   |       | -9.33                                | -9.02 | 0.223   | -9.38      | -8.73 | 0.223   | -9.62      | -9.01 | 0.223   | 2.24   | -3.57                            |
|               |            | 6995                   |       | -8.36                                | -8.30 | 0.223   | -8.05      | -8.02 | 0.223   | -8.41      | -8.26 | 0.223   | 1.26   | -3.54                            |
|               |            | 7115                   |       | -8.14                                | -7.89 | 0.223   | -8.07      | -7.58 | 0.223   | -8.21      | -7.84 | 0.223   | 1.26   | -3.32                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 8 |       |   | RU Index 17 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.39                                | -6.15 | 0.223   | -6.14      | -6.27 | 0.223   | -6.17       | -6.17 | 0.223   | 4.28   | 1.34                             |
|               |            | 6165                   |       | -7.23                                | -7.60 | 0.223   | -7.38      | -7.92 | 0.223   | -7.51       | -7.72 | 0.223   | 4.28   | 0.10                             |
|               |            | 6405                   |       | -7.71                                | -8.27 | 0.223   | -7.99      | -8.36 | 0.223   | -8.16       | -8.32 | 0.223   | 4.28   | -0.47                            |
|               | 6          | 6445                   |       | -7.85                                | -7.97 | 0.223   | -8.14      | -8.34 | 0.223   | -8.17       | -8.34 | 0.223   | 0.11   | -4.57                            |
|               |            | 6485                   |       | -8.29                                | -8.18 | 0.223   | -8.42      | -8.44 | 0.223   | -8.43       | -8.48 | 0.223   | 0.11   | -4.89                            |
|               |            | 6525                   |       | -8.35                                | -8.62 | 0.223   | -8.43      | -8.67 | 0.223   | -8.35       | -8.81 | 0.223   | 2.24   | -3.01                            |
|               | 7          | 6685                   |       | -9.58                                | -9.22 | 0.223   | -9.74      | -9.20 | 0.223   | -9.66       | -9.30 | 0.223   | 2.24   | -3.92                            |
|               |            | 6845                   |       | -9.02                                | -8.64 | 0.223   | -9.18      | -8.84 | 0.223   | -9.25       | -8.79 | 0.223   | 2.24   | -3.35                            |
|               |            | 6885                   |       | -9.48                                | -8.97 | 0.223   | -9.54      | -9.01 | 0.223   | -9.43       | -9.30 | 0.223   | 1.26   | -4.72                            |
|               | 8          | 7005                   |       | -8.15                                | -8.30 | 0.223   | -8.48      | -8.29 | 0.223   | -8.58       | -8.27 | 0.223   | 1.26   | -3.73                            |
|               |            | 7085                   |       | -7.86                                | -7.52 | 0.223   | -7.95      | -7.73 | 0.223   | -8.85       | -8.66 | 0.223   | 1.26   | -3.19                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.38                                | -5.95 | 0.223  | -5.69       | -5.47 | 0.223  | -6.56       | -6.40 | 0.223  | 4.28   | 1.93                             |
|               |            | 6145                   |       | -7.23                                | -7.37 | 0.223  | -7.06       | -7.00 | 0.223  | -7.84       | -7.76 | 0.223  | 4.28   | 0.48                             |
|               |            | 6385                   |       | -7.76                                | -8.08 | 0.223  | -7.44       | -7.52 | 0.223  | -8.26       | -8.49 | 0.223  | 4.28   | 0.03                             |
|               | 6          | 6465                   |       | -8.41                                | -8.25 | 0.223  | -7.98       | -7.68 | 0.223  | -8.67       | -8.71 | 0.223  | 0.11   | -4.48                            |
|               |            | 6545                   |       | -8.65                                | -8.50 | 0.223  | -8.40       | -8.25 | 0.223  | -9.23       | -9.02 | 0.223  | 2.24   | -2.85                            |
|               | 7          | 6625                   |       | -9.98                                | -9.39 | 0.223  | -9.24       | -8.68 | 0.223  | -10.17      | -9.08 | 0.223  | 2.24   | -3.48                            |
|               |            | 6705                   |       | -9.92                                | -9.07 | 0.223  | -9.50       | -8.62 | 0.223  | -10.33      | -9.28 | 0.223  | 2.24   | -3.56                            |
|               |            | 6785                   |       | -9.05                                | -8.68 | 0.223  | -8.65       | -8.23 | 0.223  | -9.45       | -8.75 | 0.223  | 2.24   | -2.96                            |
|               | 8          | 6865                   |       | -9.38                                | -8.71 | 0.223  | -8.90       | -8.31 | 0.223  | -10.13      | -9.26 | 0.223  | 2.24   | -3.12                            |
|               |            | 6945                   |       | -8.35                                | -7.66 | 0.223  | -7.65       | -7.37 | 0.223  | -8.81       | -8.14 | 0.223  | 1.26   | -3.01                            |
|               |            | 7025                   |       | -8.58                                | -8.40 | 0.223  | -8.22       | -7.85 | 0.223  | -9.15       | -8.72 | 0.223  | 1.26   | -3.54                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |        |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.91                                | -8.10  | 0.223  | -6.54       | -6.91 | 0.223  | -6.44       | -6.04 | 0.223  | 4.28   | 1.28                             |
|                      |            | 6185                   |       | -9.28                                | -8.86  | 0.223  | -7.98       | -7.77 | 0.223  | -7.55       | -7.47 | 0.223  | 4.28   | 0.00                             |
|                      |            | 6345                   |       | -9.86                                | -8.92  | 0.223  | -8.39       | -7.91 | 0.223  | -8.07       | -7.47 | 0.223  | 4.28   | -0.25                            |
|                      | 6          | 6505                   |       | -9.89                                | -9.51  | 0.223  | -8.98       | -8.59 | 0.223  | -8.32       | -8.17 | 0.223  | 0.11   | -4.90                            |
|                      |            | 6665                   |       | -10.91                               | -11.23 | 0.223  | -9.47       | -9.87 | 0.223  | -9.24       | -9.48 | 0.223  | 2.24   | -3.89                            |
|                      | 7          | 6825                   |       | -10.27                               | -10.48 | 0.223  | -9.01       | -9.35 | 0.223  | -8.50       | -8.89 | 0.223  | 2.24   | -3.22                            |
|                      |            | 6985                   |       | -9.43                                | -9.45  | 0.223  | -8.53       | -8.72 | 0.223  | -8.08       | -7.97 | 0.223  | 1.26   | -3.53                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |        |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|--------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |        |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.28                                | -6.08 | 0.223  | -6.96        | -6.70  | 0.223  | -8.73        | -8.27  | 0.223  | 4.28   | 1.33                             |
|                      |            | 6185                   |       | -7.68                                | -7.30 | 0.223  | -8.16        | -7.90  | 0.223  | -9.65        | -9.37  | 0.223  | 4.28   | 0.03                             |
|                      |            | 6345                   |       | -8.11                                | -7.55 | 0.223  | -8.40        | -8.00  | 0.223  | -10.08       | -9.87  | 0.223  | 4.28   | -0.31                            |
|                      | 6          | 6505                   |       | -8.33                                | -8.29 | 0.223  | -9.09        | -8.96  | 0.223  | -10.77       | -10.52 | 0.223  | 0.11   | -4.97                            |
|                      |            | 6665                   |       | -9.06                                | -9.55 | 0.223  | -9.37        | -10.05 | 0.223  | -10.66       | -11.34 | 0.223  | 2.24   | -3.82                            |
|                      | 7          | 6825                   |       | -8.49                                | -8.89 | 0.223  | -9.28        | -9.58  | 0.223  | -10.86       | -11.13 | 0.223  | 2.24   | -3.21                            |
|                      |            | 6985                   |       | -8.08                                | -8.14 | 0.223  | -8.74        | -8.95  | 0.223  | -10.19       | -10.45 | 0.223  | 1.26   | -3.62                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 39 |       |   | RU Index 40 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.26                                | -2.81 | 0.132   | -2.83       | -2.80 | 0.132   | -3.08       | -2.87 | 0.132   | 4.28   | 4.607                            |
|               |            | 6175                   |       | -4.21                                | -4.63 | 0.132   | -4.35       | -4.32 | 0.132   | -4.36       | -4.56 | 0.132   | 4.28   | 3.087                            |
|               |            | 6415                   |       | -4.57                                | -5.02 | 0.132   | -4.54       | -5.10 | 0.132   | -4.86       | -5.27 | 0.132   | 4.28   | 2.633                            |
|               | 6          | 6435                   |       | -4.82                                | -5.12 | 0.132   | -4.65       | -5.02 | 0.132   | -4.89       | -5.08 | 0.132   | 0.11   | -1.579                           |
|               |            | 6475                   |       | -5.01                                | -5.19 | 0.132   | -4.97       | -5.14 | 0.132   | -4.95       | -5.21 | 0.132   | 0.11   | -1.802                           |
|               |            | 6515                   |       | -5.07                                | -5.29 | 0.132   | -4.90       | -5.29 | 0.132   | -4.99       | -5.37 | 0.132   | 0.11   | -1.838                           |
|               | 7          | 6535                   |       | -5.89                                | -5.96 | 0.132   | -5.96       | -6.26 | 0.132   | -6.14       | -6.21 | 0.132   | 2.24   | -0.543                           |
|               |            | 6695                   |       | -6.38                                | -6.00 | 0.132   | -6.19       | -5.86 | 0.132   | -6.43       | -5.97 | 0.132   | 2.24   | -0.640                           |
|               |            | 6855                   |       | -5.98                                | -5.70 | 0.132   | -5.91       | -5.63 | 0.132   | -5.96       | -5.57 | 0.132   | 2.24   | -0.378                           |
|               | 8          | 6875                   |       | -6.33                                | -5.76 | 0.132   | -6.02       | -5.64 | 0.132   | -6.23       | -5.88 | 0.132   | 2.24   | -0.444                           |
|               |            | 6995                   |       | -5.08                                | -5.03 | 0.132   | -5.05       | -5.04 | 0.132   | -5.40       | -5.10 | 0.132   | 1.26   | -0.643                           |
|               |            | 7115                   |       | -4.92                                | -4.74 | 0.132   | -4.89       | -4.52 | 0.132   | -8.77       | -8.48 | 0.132   | 1.26   | -0.299                           |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 40 |       |   | RU Index 44 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.45                                | -2.94 | 0.132   | -3.07       | -3.25 | 0.132   | -3.31       | -2.97 | 0.132   | 4.28   | 4.29                             |
|               |            | 6165                   |       | -4.34                                | -4.61 | 0.132   | -4.22       | -4.57 | 0.132   | -4.46       | -4.73 | 0.132   | 4.28   | 3.03                             |
|               |            | 6405                   |       | -4.58                                | -5.16 | 0.132   | -4.71       | -5.14 | 0.132   | -5.00       | -5.31 | 0.132   | 4.28   | 2.56                             |
|               | 6          | 6445                   |       | -5.08                                | -5.07 | 0.132   | -4.87       | -5.08 | 0.132   | -4.84       | -5.17 | 0.132   | 0.11   | -1.72                            |
|               |            | 6485                   |       | -4.94                                | -5.24 | 0.132   | -5.02       | -5.20 | 0.132   | -4.97       | -5.34 | 0.132   | 0.11   | -1.84                            |
|               |            | 6525                   |       | -5.34                                | -5.33 | 0.132   | -5.34       | -5.45 | 0.132   | -5.29       | -5.43 | 0.132   | 2.24   | 0.05                             |
|               | 7          | 6685                   |       | -6.44                                | -6.08 | 0.132   | -6.34       | -6.04 | 0.132   | -6.50       | -6.15 | 0.132   | 2.24   | -0.81                            |
|               |            | 6845                   |       | -5.93                                | -5.63 | 0.132   | -5.99       | -5.67 | 0.132   | -6.21       | -5.90 | 0.132   | 2.24   | -0.40                            |
|               |            | 6885                   |       | -6.16                                | -5.96 | 0.132   | -6.42       | -5.83 | 0.132   | -6.31       | -6.09 | 0.132   | 1.26   | -1.66                            |
|               | 8          | 7005                   |       | -5.05                                | -4.84 | 0.132   | -5.18       | -5.24 | 0.132   | -5.29       | -5.31 | 0.132   | 1.26   | -0.54                            |
|               |            | 7085                   |       | -4.71                                | -4.47 | 0.132   | -4.72       | -4.75 | 0.132   | -4.89       | -4.72 | 0.132   | 1.26   | -0.19                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.95                                | -3.40 | 0.132  | -2.64       | -2.89 | 0.132  | -3.37       | -3.43 | 0.132  | 4.28   | 4.66                             |
|               |            | 6145                   |       | -4.27                                | -4.21 | 0.132  | -4.02       | -4.00 | 0.132  | -4.80       | -4.96 | 0.132  | 4.28   | 3.41                             |
|               |            | 6385                   |       | -5.12                                | -4.84 | 0.132  | -4.77       | -4.64 | 0.132  | -5.53       | -5.60 | 0.132  | 4.28   | 2.72                             |
|               | 6          | 6465                   |       | -5.22                                | -5.63 | 0.132  | -5.02       | -5.23 | 0.132  | -5.49       | -5.86 | 0.132  | 0.11   | -1.87                            |
|               |            | 6545                   |       | -5.51                                | -5.86 | 0.132  | -5.44       | -5.53 | 0.132  | -6.02       | -6.33 | 0.132  | 2.24   | -0.10                            |
|               | 7          | 6625                   |       | -6.07                                | -6.89 | 0.132  | -5.95       | -6.46 | 0.132  | -6.42       | -7.36 | 0.132  | 2.24   | -0.82                            |
|               |            | 6705                   |       | -6.35                                | -7.14 | 0.132  | -5.59       | -6.87 | 0.132  | -6.26       | -7.36 | 0.132  | 2.24   | -0.80                            |
|               |            | 6785                   |       | -5.66                                | -6.53 | 0.132  | -5.47       | -6.02 | 0.132  | -5.74       | -6.78 | 0.132  | 2.24   | -0.35                            |
|               | 8          | 6865                   |       | -5.81                                | -6.84 | 0.132  | -5.41       | -6.47 | 0.132  | -6.38       | -7.29 | 0.132  | 2.24   | -0.53                            |
|               |            | 6945                   |       | -5.08                                | -5.53 | 0.132  | -4.30       | -5.23 | 0.132  | -5.26       | -5.77 | 0.132  | 1.26   | -0.34                            |
|               |            | 7025                   |       | -5.17                                | -6.10 | 0.132  | -5.06       | -5.56 | 0.132  | -5.64       | -6.45 | 0.132  | 1.26   | -0.90                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.64                                | -4.69 | 0.132  | -3.48       | -3.67 | 0.132  | -3.16       | -2.84 | 0.132  | 4.28   | 4.43                             |
|                      |            | 6185                   |       | -5.99                                | -5.37 | 0.132  | -4.82       | -4.63 | 0.132  | -4.54       | -4.20 | 0.132  | 4.28   | 3.06                             |
|                      |            | 6345                   |       | -6.43                                | -5.94 | 0.132  | -5.33       | -4.77 | 0.132  | -4.65       | -4.16 | 0.132  | 4.28   | 3.02                             |
|                      | 6          | 6505                   |       | -6.64                                | -6.70 | 0.132  | -5.77       | -5.54 | 0.132  | -5.34       | -5.26 | 0.132  | 0.11   | -2.05                            |
|                      |            | 6665                   |       | -7.60                                | -8.04 | 0.132  | -6.35       | -6.98 | 0.132  | -6.00       | -6.43 | 0.132  | 2.24   | -0.83                            |
|                      | 7          | 6825                   |       | -7.16                                | -7.49 | 0.132  | -5.90       | -6.47 | 0.132  | -5.41       | -5.94 | 0.132  | 2.24   | -0.28                            |
|                      |            | 6985                   |       | -6.02                                | -6.61 | 0.132  | -5.31       | -5.47 | 0.132  | -4.81       | -5.22 | 0.132  | 1.26   | -0.61                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |  | RU Index S44 |       |  | RU Index S52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.24                                | -3.20 | 0.132  | -3.85        | -3.62 | 0.132  | -5.61        | -4.92 | 0.132  | 4.28   | 4.20                             |
|                      |            | 6185                   |       | -4.70                                | -4.19 | 0.132  | -5.02        | -4.83 | 0.132  | -6.39        | -6.59 | 0.132  | 4.28   | 2.98                             |
|                      |            | 6345                   |       | -4.67                                | -4.53 | 0.132  | -5.38        | -4.96 | 0.132  | -7.08        | -6.48 | 0.132  | 4.28   | 2.82                             |
|                      | 6          | 6505                   |       | -5.07                                | -5.15 | 0.132  | -6.17        | -5.66 | 0.132  | -7.60        | -7.32 | 0.132  | 0.11   | -1.86                            |
|                      |            | 6665                   |       | -5.97                                | -6.63 | 0.132  | -6.38        | -6.93 | 0.132  | -7.79        | -8.31 | 0.132  | 2.24   | -0.91                            |
|                      | 7          | 6825                   |       | -5.34                                | -6.19 | 0.132  | -6.03        | -6.51 | 0.132  | -7.63        | -8.29 | 0.132  | 2.24   | -0.36                            |
|                      |            | 6985                   |       | -4.80                                | -5.38 | 0.132  | -5.63        | -5.78 | 0.132  | -7.34        | -7.28 | 0.132  | 1.26   | -0.68                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.



**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.04                                | 0.09  | N/A   | 0.00        | 0.05  | N/A   | 4.28   | 7.32                             |
|               |            | 6175                   |       | -0.94                                | -1.38 | N/A   | -1.15       | -1.52 | N/A   | 4.28   | 6.14                             |
|               |            | 6415                   |       | -1.52                                | -2.18 | N/A   | -1.50       | -2.16 | N/A   | 4.28   | 5.47                             |
|               | 6          | 6435                   |       | -1.73                                | -1.94 | N/A   | -1.66       | -1.79 | N/A   | 0.11   | 1.40                             |
|               |            | 6475                   |       | -1.66                                | -1.93 | N/A   | -2.04       | -1.99 | N/A   | 0.11   | 1.33                             |
|               |            | 6515                   |       | -1.78                                | -2.02 | N/A   | -1.80       | -2.27 | N/A   | 0.11   | 1.22                             |
|               | 7          | 6535                   |       | -2.80                                | -3.22 | N/A   | -3.03       | -3.21 | N/A   | 2.24   | 2.25                             |
|               |            | 6695                   |       | -3.46                                | -3.04 | N/A   | -3.22       | -2.92 | N/A   | 2.24   | 2.18                             |
|               |            | 6855                   |       | -2.89                                | -2.40 | N/A   | -3.13       | -2.45 | N/A   | 2.24   | 2.61                             |
|               | 8          | 6875                   |       | -2.86                                | -2.69 | N/A   | -2.96       | -2.70 | N/A   | 2.24   | 2.48                             |
|               |            | 6995                   |       | -1.96                                | -1.86 | N/A   | -2.01       | -1.84 | N/A   | 1.26   | 2.36                             |
|               |            | 7115                   |       | -1.88                                | -1.66 | N/A   | -8.88       | -8.30 | N/A   | 1.26   | 2.50                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   | RU Index 56 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.19                                | -0.18 | N/A   | -0.11       | 0.02  | N/A   | -0.07       | -0.17 | N/A   | 4.28   | 7.25                             |
|               |            | 6165                   |       | -1.32                                | -1.62 | N/A   | -1.44       | -1.65 | N/A   | -1.40       | -1.60 | N/A   | 4.28   | 5.82                             |
|               |            | 6405                   |       | -1.51                                | -2.29 | N/A   | -1.64       | -2.06 | N/A   | -1.77       | -2.15 | N/A   | 4.28   | 5.45                             |
|               | 6          | 6445                   |       | -1.82                                | -2.00 | N/A   | -1.59       | -1.90 | N/A   | -1.63       | -2.15 | N/A   | 0.11   | 1.38                             |
|               |            | 6485                   |       | -1.89                                | -2.15 | N/A   | -1.92       | -2.12 | N/A   | -2.06       | -2.37 | N/A   | 0.11   | 1.10                             |
|               |            | 6525                   |       | -1.92                                | -2.26 | N/A   | -1.97       | -2.40 | N/A   | -2.19       | -2.62 | N/A   | 2.24   | 3.16                             |
|               | 7          | 6685                   |       | -3.54                                | -3.11 | N/A   | -3.45       | -2.94 | N/A   | -3.40       | -3.03 | N/A   | 2.24   | 2.06                             |
|               |            | 6845                   |       | -2.82                                | -2.45 | N/A   | -3.15       | -2.66 | N/A   | -3.22       | -2.79 | N/A   | 2.24   | 2.62                             |
|               |            | 6885                   |       | -3.31                                | -2.76 | N/A   | -3.13       | -2.75 | N/A   | -3.54       | -3.12 | N/A   | 1.26   | 1.33                             |
|               | 8          | 7005                   |       | -2.23                                | -1.99 | N/A   | -1.93       | -2.02 | N/A   | -2.42       | -2.32 | N/A   | 1.26   | 2.30                             |
|               |            | 7085                   |       | -1.71                                | -1.54 | N/A   | -1.92       | -1.70 | N/A   | -2.06       | -1.62 | N/A   | 1.26   | 2.65                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.20                                | -0.42 | N/A  | 0.26        | -0.02 | N/A  | -0.54       | -0.42 | N/A  | 4.28   | 7.41                             |
|               |            | 6145                   |       | -1.58                                | -1.48 | N/A  | -1.31       | -1.12 | N/A  | -1.65       | -1.73 | N/A  | 4.28   | 6.08                             |
|               |            | 6385                   |       | -2.20                                | -2.09 | N/A  | -1.94       | -1.66 | N/A  | -2.52       | -2.37 | N/A  | 4.28   | 5.49                             |
|               | 6          | 6465                   |       | -2.27                                | -2.61 | N/A  | -1.78       | -2.37 | N/A  | -2.32       | -2.75 | N/A  | 0.11   | 1.06                             |
|               |            | 6545                   |       | -2.28                                | -2.87 | N/A  | -2.43       | -2.82 | N/A  | -2.95       | -3.35 | N/A  | 2.24   | 2.69                             |
|               | 7          | 6625                   |       | -3.42                                | -4.09 | N/A  | -2.91       | -3.85 | N/A  | -3.27       | -4.31 | N/A  | 2.24   | 1.90                             |
|               |            | 6705                   |       | -3.19                                | -4.36 | N/A  | -2.73       | -3.90 | N/A  | -3.12       | -4.44 | N/A  | 2.24   | 1.97                             |
|               |            | 6785                   |       | -2.04                                | -3.11 | N/A  | -1.86       | -2.76 | N/A  | -2.58       | -3.43 | N/A  | 2.24   | 2.96                             |
|               | 8          | 6865                   |       | -2.44                                | -3.58 | N/A  | -2.31       | -3.36 | N/A  | -2.83       | -3.97 | N/A  | 2.24   | 2.45                             |
|               |            | 6945                   |       | -1.62                                | -2.29 | N/A  | -1.23       | -2.04 | N/A  | -2.30       | -2.59 | N/A  | 1.26   | 2.65                             |
|               |            | 7025                   |       | -2.30                                | -2.54 | N/A  | -1.89       | -2.61 | N/A  | -2.60       | -3.09 | N/A  | 1.26   | 2.04                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.58                                | -1.59 | N/A  | -0.55       | -0.55 | N/A  | -0.24       | 0.07  | N/A  | 4.28   | 7.21                             |
|                      |            | 6185                   |       | -2.73                                | -2.43 | N/A  | -1.79       | -1.62 | N/A  | -1.48       | -1.38 | N/A  | 4.28   | 5.86                             |
|                      |            | 6345                   |       | -3.45                                | -2.67 | N/A  | -2.40       | -1.55 | N/A  | -1.79       | -1.40 | N/A  | 4.28   | 5.70                             |
|                      | 6          | 6505                   |       | -3.48                                | -3.50 | N/A  | -2.49       | -2.44 | N/A  | -2.15       | -1.92 | N/A  | 0.11   | 1.09                             |
|                      |            | 6665                   |       | -4.56                                | -4.78 | N/A  | -3.71       | -3.71 | N/A  | -2.99       | -3.34 | N/A  | 2.24   | 2.09                             |
|                      | 7          | 6825                   |       | -4.02                                | -3.99 | N/A  | -3.39       | -3.18 | N/A  | -2.57       | -2.53 | N/A  | 2.24   | 2.70                             |
|                      |            | 6985                   |       | -3.08                                | -3.04 | N/A  | -2.18       | -2.13 | N/A  | -1.83       | -1.83 | N/A  | 1.26   | 2.44                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S53                         |       |  | RU Index S56 |       |  | RU Index S60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.17                                | -0.06 | N/A  | -0.87        | -0.36 | N/A  | -2.45        | -2.08 | N/A  | 4.28   | 7.18                             |
|                      |            | 6185                   |       | -1.65                                | -1.04 | N/A  | -1.89        | -1.76 | N/A  | -3.52        | -3.27 | N/A  | 4.28   | 5.96                             |
|                      |            | 6345                   |       | -1.61                                | -1.38 | N/A  | -2.19        | -1.92 | N/A  | -3.64        | -3.21 | N/A  | 4.28   | 5.80                             |
|                      | 6          | 6505                   |       | -2.32                                | -1.94 | N/A  | -2.61        | -2.63 | N/A  | -4.19        | -4.30 | N/A  | 0.11   | 0.99                             |
|                      |            | 6665                   |       | -3.29                                | -3.43 | N/A  | -3.80        | -3.83 | N/A  | -5.20        | -5.23 | N/A  | 2.24   | 1.89                             |
|                      | 7          | 6825                   |       | -2.63                                | -2.53 | N/A  | -3.36        | -3.23 | N/A  | -4.61        | -4.77 | N/A  | 2.24   | 2.67                             |
|                      |            | 6985                   |       | -1.90                                | -1.69 | N/A  | -2.53        | -2.41 | N/A  | -4.00        | -3.74 | N/A  | 1.26   | 2.48                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.71                                 | 2.23  | 0.15   | 4.28   | 9.42                             |
|               |            | 6175                   |       | 1.66                                 | 2.09  | 0.15   | 4.28   | 9.32                             |
|               |            | 6415                   |       | 1.57                                 | 2.19  | 0.15   | 4.28   | 9.33                             |
|               | 6          | 6435                   |       | 0.99                                 | 1.46  | 0.15   | 0.11   | 4.50                             |
|               |            | 6475                   |       | 1.17                                 | 1.47  | 0.15   | 0.11   | 4.59                             |
|               |            | 6515                   |       | 1.37                                 | 1.51  | 0.15   | 0.11   | 4.71                             |
|               | 7          | 6535                   |       | 1.17                                 | 1.2   | 0.15   | 2.24   | 6.59                             |
|               |            | 6695                   |       | 1.33                                 | 1.22  | 0.15   | 2.24   | 6.68                             |
|               |            | 6855                   |       | 1.27                                 | 1.5   | 0.15   | 2.24   | 6.79                             |
|               | 8          | 6875                   |       | 0.64                                 | 0.81  | 0.15   | 2.24   | 6.13                             |
|               |            | 6995                   |       | 0.64                                 | 0.53  | 0.15   | 1.26   | 5.01                             |
|               |            | 7115                   |       | -3.11                                | -2.98 | 0.15   | 1.26   | 1.38                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.75                                 | 0.98  | 0.15   | 1.44        | 0.87  | 0.15   | 4.28   | 8.82                             |
|               |            | 6165                   |       | 1.46                                 | 1.05  | 0.15   | 1.32        | 0.77  | 0.15   | 4.28   | 8.70                             |
|               |            | 6405                   |       | 1.37                                 | 1.15  | 0.15   | 1.46        | 1.13  | 0.15   | 4.28   | 8.74                             |
|               | 6          | 6445                   |       | 0.81                                 | 0.76  | 0.15   | 0.93        | 0.66  | 0.15   | 0.11   | 4.07                             |
|               |            | 6485                   |       | 0.9                                  | 0.64  | 0.15   | 0.86        | 1.18  | 0.15   | 0.11   | 4.29                             |
|               |            | 6525                   |       | 1.28                                 | 0.55  | 0.15   | 1.92        | 1.22  | 0.15   | 2.24   | 6.98                             |
|               | 7          | 6685                   |       | 0.88                                 | -0.09 | 0.15   | 1           | -0.09 | 0.15   | 2.24   | 5.89                             |
|               |            | 6845                   |       | 0.83                                 | -0.16 | 0.15   | 1.05        | -0.01 | 0.15   | 2.24   | 5.95                             |
|               |            | 6885                   |       | 0.54                                 | -0.38 | 0.15   | 0.42        | -0.41 | 0.15   | 1.26   | 4.52                             |
|               | 8          | 7005                   |       | 0.53                                 | -0.66 | 0.15   | 0.39        | -0.56 | 0.15   | 1.26   | 4.40                             |
|               |            | 7085                   |       | 0.73                                 | -0.24 | 0.15   | 0.78        | 0.25  | 0.15   | 1.26   | 4.94                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 1.92                                 | 2.3  | 0.15   | 2.02        | 2.66 | 0.15   | 1.99        | 2.17 | 0.15   | 4.28   | 9.79                             |
|               |            | 6145                   |       | 2.12                                 | 2.07 | 0.15   | 2.21        | 2.13 | 0.15   | 1.85        | 2.06 | 0.15   | 4.28   | 9.61                             |
|               |            | 6385                   |       | 1.65                                 | 1.9  | 0.15   | 2.01        | 2.06 | 0.15   | 1.88        | 1.97 | 0.15   | 4.28   | 9.48                             |
|               | 6          | 6465                   |       | 1.66                                 | 1.34 | 0.15   | 2.46        | 2.27 | 0.15   | 1.51        | 1.36 | 0.15   | 0.11   | 5.64                             |
|               |            | 6545                   |       | 0.98                                 | 1.75 | 0.15   | 2.08        | 2.74 | 0.15   | 1.72        | 2.11 | 0.15   | 2.24   | 7.82                             |
|               |            | 6625                   |       | 0.67                                 | 1.37 | 0.15   | 0.91        | 1.47 | 0.15   | 0.72        | 1.19 | 0.15   | 2.24   | 6.60                             |
|               | 7          | 6705                   |       | 0.9                                  | 1.28 | 0.15   | 0.98        | 1.56 | 0.15   | 0.47        | 1.34 | 0.15   | 2.24   | 6.68                             |
|               |            | 6785                   |       | 0.78                                 | 1.28 | 0.15   | 0.74        | 1.41 | 0.15   | 0.45        | 1.36 | 0.15   | 2.24   | 6.49                             |
|               |            | 6865                   |       | 0.43                                 | 1.01 | 0.15   | 1           | 1.64 | 0.15   | 0.01        | 0.55 | 0.15   | 2.24   | 6.73                             |
|               | 8          | 6945                   |       | 0.15                                 | 0.52 | 0.15   | 0.93        | 1.78 | 0.15   | 0.15        | 0.46 | 0.15   | 1.26   | 5.80                             |
|               |            | 7025                   |       | -0.18                                | 0.65 | 0.15   | 0.86        | 1.48 | 0.15   | -0.33       | 0.89 | 0.15   | 1.26   | 5.60                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.65                                 | 2.33 | 0.15   | 2.12        | 2.72 | 0.15   | 1.35        | 2.27 | 0.15   | 4.28   | 9.87                             |
|                      |            | 6185                   |       | 1.58                                 | 2.1  | 0.15   | 1.86        | 2.61 | 0.15   | 1.5         | 2.09 | 0.15   | 4.28   | 9.69                             |
|                      |            | 6345                   |       | 1.62                                 | 2.04 | 0.15   | 2           | 2.44 | 0.15   | 1.6         | 2.06 | 0.15   | 4.28   | 9.67                             |
|                      | 6          | 6505                   |       | 1.26                                 | 1.64 | 0.15   | 2.26        | 2.63 | 0.15   | 1.16        | 1.52 | 0.15   | 0.11   | 5.72                             |
|                      |            | 6665                   |       | -0.28                                | 1.07 | 0.15   | 0.29        | 1.57 | 0.15   | -0.08       | 1.6  | 0.15   | 2.24   | 6.38                             |
|                      |            | 6825                   |       | -0.46                                | 1.07 | 0.15   | 0.09        | 1.4  | 0.15   | -0.47       | 1.03 | 0.15   | 2.24   | 6.19                             |
|                      | 8          | 6985                   |       | -0.81                                | 0.43 | 0.15   | 0.44        | 1.63 | 0.15   | -0.98       | 0.55 | 0.15   | 1.26   | 5.50                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S61                         |      |  | RU Index S62 |      |  | RU Index S64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.24                                 | 2.38 | 0.15   | 1            | 2.28 | 0.15   | 1.53         | 2.17 | 0.15   | 4.28   | 9.30                             |
|                      |            | 6185                   |       | 1.36                                 | 2.13 | 0.15   | 1.21         | 2.34 | 0.15   | 1.63         | 2.16 | 0.15   | 4.28   | 9.34                             |
|                      |            | 6345                   |       | 1.44                                 | 2.09 | 0.15   | 1.43         | 2.01 | 0.15   | 1.75         | 2.3  | 0.15   | 4.28   | 9.47                             |
|                      | 6          | 6505                   |       | 1.31                                 | 1.61 | 0.15   | 1.74         | 2.35 | 0.15   | 1.54         | 2.11 | 0.15   | 0.11   | 5.33                             |
|                      |            | 6665                   |       | -0.58                                | 1.26 | 0.15   | -0.8         | 1.09 | 0.15   | -0.67        | 1.2  | 0.15   | 2.24   | 5.84                             |
|                      |            | 6825                   |       | -0.78                                | 1.02 | 0.15   | 0.13         | 1.15 | 0.15   | -0.66        | 0.57 | 0.15   | 2.24   | 6.07                             |
|                      | 8          | 6985                   |       | -0.99                                | 0.43 | 0.15   | -0.2         | 1.25 | 0.15   | -0.71        | 0.73 | 0.15   | 1.26   | 5.01                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 4.91                                 | 5.08 | N/A  | 4.28   | 12.29                            |
|               |            | 6165                   |       | 4.94                                 | 5.16 | N/A  | 4.28   | 12.34                            |
|               |            | 6405                   |       | 4.84                                 | 5.09 | N/A  | 4.28   | 12.26                            |
|               | 6          | 6445                   |       | 4.96                                 | 5.25 | N/A  | 0.11   | 8.23                             |
|               |            | 6485                   |       | 4.96                                 | 5.23 | N/A  | 0.11   | 8.22                             |
|               | 7          | 6525                   |       | 5.02                                 | 5.04 | N/A  | 2.24   | 10.28                            |
|               |            | 6685                   |       | 4.37                                 | 4.42 | N/A  | 2.24   | 9.65                             |
|               |            | 6845                   |       | 4.26                                 | 4.21 | N/A  | 2.24   | 9.49                             |
|               | 8          | 6885                   |       | 4.4                                  | 4.53 | N/A  | 1.26   | 8.74                             |
|               |            | 7005                   |       | 4.2                                  | 4.28 | N/A  | 1.26   | 8.51                             |
|               |            | 7085                   |       | 4.34                                 | 4.51 | N/A  | 1.26   | 8.70                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  | RU Index 66 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 4.91                                 | 4.94 | N/A  | 4.93        | 5    | N/A  | 4.28   | 12.26                            |
|               |            | 6145                   |       | 5.16                                 | 4.9  | N/A  | 5.06        | 4.97 | N/A  | 4.28   | 12.32                            |
|               |            | 6385                   |       | 4.69                                 | 4.82 | N/A  | 5.09        | 4.74 | N/A  | 4.28   | 12.21                            |
|               | 6          | 6465                   |       | 5.08                                 | 4.67 | N/A  | 4.88        | 5.21 | N/A  | 0.11   | 8.17                             |
|               |            | 6545                   |       | 4.91                                 | 5.11 | N/A  | 4.81        | 4.94 | N/A  | 2.24   | 10.26                            |
|               | 7          | 6625                   |       | 4.17                                 | 4.23 | N/A  | 3.91        | 4.23 | N/A  | 2.24   | 9.45                             |
|               |            | 6705                   |       | 4.15                                 | 4.11 | N/A  | 4.08        | 4.26 | N/A  | 2.24   | 9.42                             |
|               |            | 6785                   |       | 3.86                                 | 4.33 | N/A  | 3.95        | 4.47 | N/A  | 2.24   | 9.47                             |
|               | 8          | 6865                   |       | 3.97                                 | 4.26 | N/A  | 4.19        | 4.1  | N/A  | 2.24   | 9.40                             |
|               |            | 6945                   |       | 4.33                                 | 3.94 | N/A  | 3.97        | 4.38 | N/A  | 1.26   | 8.45                             |
|               |            | 7025                   |       | 4.01                                 | 4.18 | N/A  | 4.16        | 4.15 | N/A  | 1.26   | 8.43                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.62                                 | 5.15 | N/A   | 4.39        | 5.11 | N/A   | 4.28   | 12.18                            |
|                      |            | 6185                   |       | 4.68                                 | 4.9  | N/A   | 4.74        | 5.01 | N/A   | 4.28   | 12.17                            |
|                      |            | 6345                   |       | 4.49                                 | 4.9  | N/A   | 4.69        | 4.98 | N/A   | 4.28   | 12.13                            |
|                      | 6          | 6505                   |       | 5.03                                 | 4.84 | N/A   | 5.01        | 4.98 | N/A   | 0.11   | 8.12                             |
|                      | 7          | 6665                   |       | 3.6                                  | 4.14 | N/A   | 3.24        | 4.2  | N/A   | 2.24   | 9.13                             |
|                      |            | 6825                   |       | 3.57                                 | 4.18 | N/A   | 3.37        | 4.38 | N/A   | 2.24   | 9.15                             |
|                      |            | 6985                   |       | 4.07                                 | 4.05 | N/A   | 3.9         | 4.43 | N/A   | 1.26   | 8.44                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.47                                 | 5.1  | N/A   | 4.42         | 5.16 | N/A   | 4.28   | 12.10                            |
|                      |            | 6185                   |       | 4.5                                  | 5.05 | N/A   | 4.61         | 4.72 | N/A   | 4.28   | 12.07                            |
|                      |            | 6345                   |       | 4.42                                 | 4.78 | N/A   | 4.64         | 4.8  | N/A   | 4.28   | 12.01                            |
|                      | 6          | 6505                   |       | 4.75                                 | 5.04 | N/A   | 4.61         | 4.91 | N/A   | 0.11   | 8.02                             |
|                      | 7          | 6665                   |       | 3.62                                 | 4.13 | N/A   | 3.56         | 4.18 | N/A   | 2.24   | 9.13                             |
|                      |            | 6825                   |       | 3.67                                 | 4.3  | N/A   | 3.66         | 4.22 | N/A   | 2.24   | 9.25                             |
|                      |            | 6985                   |       | 3.61                                 | 4.03 | N/A   | 3.71         | 4.39 | N/A   | 1.26   | 8.33                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925-6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425-6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525-6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875-7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 6.49                                 | 6.28 | 0.159  | 4.28   | 13.84                            |
|               |            | 6145                   |       | 6.72                                 | 5.79 | 0.159  | 4.28   | 13.73                            |
|               |            | 6385                   |       | 6.8                                  | 6.05 | 0.159  | 4.28   | 13.89                            |
|               | 6          | 6465                   |       | 6.79                                 | 5.97 | 0.159  | 0.11   | 9.68                             |
|               |            | 6545                   |       | 6.73                                 | 5.74 | 0.159  | 2.24   | 11.67                            |
|               | 7          | 6625                   |       | 6.02                                 | 4.92 | 0.159  | 2.24   | 10.91                            |
|               |            | 6705                   |       | 6.03                                 | 4.83 | 0.159  | 2.24   | 10.88                            |
|               |            | 6785                   |       | 5.87                                 | 4.68 | 0.159  | 2.24   | 10.72                            |
|               | 8          | 6865                   |       | 5.74                                 | 5.04 | 0.159  | 2.24   | 10.81                            |
|               |            | 6945                   |       | 5.77                                 | 4.94 | 0.159  | 1.26   | 9.80                             |
|               |            | 7025                   |       | 5.85                                 | 5.23 | 0.159  | 1.26   | 9.98                             |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |  | RU Index S67 |      |  |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 6.85                                 | 6.08 | 0.159  | 6.62         | 5.98 | 0.159  | 4.28   | 13.93                            |
|                |            | 6185                   |       | 6.63                                 | 5.89 | 0.159  | 6.73         | 5.9  | 0.159  | 4.28   | 13.78                            |
|                |            | 6345                   |       | 6.94                                 | 6.45 | 0.159  | 7.02         | 6.07 | 0.159  | 4.28   | 14.15                            |
|                | 6          | 6505                   |       | 6.74                                 | 5.42 | 0.159  | 6.7          | 5.71 | 0.159  | 0.11   | 9.51                             |
|                |            | 6665                   |       | 6.65                                 | 5.33 | 0.159  | 6.38         | 4.96 | 0.159  | 2.24   | 11.45                            |
|                | 7          | 6825                   |       | 6.26                                 | 5.06 | 0.159  | 5.96         | 4.67 | 0.159  | 2.24   | 11.11                            |
|                |            | 6985                   |       | 6.01                                 | 5.13 | 0.159  | 5.81         | 5.15 | 0.159  | 1.26   | 10.02                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

● **Original Conducted Output Power (FCC ID: BEJNT-17Z90R)**

**Test SKU: SKU #1 [with (INPAQ) WA-P-LELE-04-011 Antenna]**

● **OFDM Modulation**

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.75                                 | 1.42  | N/A                               | 3.35                                    | 7.95                                  | 24dBm |
|                 |            | 6175                   | 1.62                                 | 1.40  |                                   | 3.35                                    | 7.87                                  |       |
|                 |            | 6415                   | 1.44                                 | 1.40  |                                   | 2.60                                    | 7.03                                  |       |
|                 | 6          | 6435                   | 1.43                                 | 1.53  |                                   | 2.60                                    | 7.09                                  |       |
|                 |            | 6475                   | 1.75                                 | 1.54  |                                   | 2.60                                    | 7.26                                  |       |
|                 |            | 6515                   | 1.63                                 | 1.40  |                                   | 2.60                                    | 7.13                                  |       |
|                 | 7          | 6535                   | 0.95                                 | 0.63  |                                   | 2.60                                    | 6.40                                  |       |
|                 |            | 6695                   | 0.97                                 | 0.26  |                                   | 2.60                                    | 6.24                                  |       |
|                 |            | 6855                   | 1.05                                 | 0.31  |                                   | 2.30                                    | 6.01                                  |       |
|                 |            |                        | 6875                                 | 1.16  |                                   | 0.48                                    | 2.30                                  |       |
|                 | 8          | 6995                   | 1.01                                 | 0.29  |                                   | 2.30                                    | 5.98                                  |       |
|                 |            | 7115                   | -3.35                                | -2.76 |                                   | 2.30                                    | 2.27                                  |       |
|                 |            |                        |                                      |       |                                   |   |                                       |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.32                                 | 5.30  | N/A                               | 3.35                                    | 11.67                                 | 24dBm |
|                 |            | 6165                   | 5.19                                 | 5.21  |                                   | 3.35                                    | 11.56                                 |       |
|                 |            | 6405                   | 5.00                                 | 5.12  |                                   | 2.60                                    | 10.67                                 |       |
|                 | 6          | 6445                   | 5.03                                 | 5.36  |                                   | 2.60                                    | 10.81                                 |       |
|                 |            | 6485                   | 5.19                                 | 5.23  |                                   | 2.60                                    | 10.82                                 |       |
|                 | 7          | 6525                   | 5.34                                 | 5.24  |                                   | 2.60                                    | 10.90                                 |       |
|                 |            | 6685                   | 4.48                                 | 4.27  |                                   | 2.60                                    | 9.99                                  |       |
|                 |            | 6845                   | 4.58                                 | 4.14  |                                   | 2.30                                    | 9.68                                  |       |
|                 | 8          | 6885                   | 4.62                                 | 4.34  |                                   | 2.30                                    | 9.79                                  |       |
|                 |            | 7005                   | 4.53                                 | 4.19  |                                   | 2.30                                    | 9.67                                  |       |
|                 |            | 7085                   | 4.73                                 | 4.49  |                                   | 2.30                                    | 9.92                                  |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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



| Modulation Type | U-NII Band     | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|----------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |                |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE80   | 5              | 5985                   | 7.23                                 | 6.80  | N/A                               | 3.35                                    | 13.38                                 | 24dBm |
|                 |                | 6145                   | 7.07                                 | 6.51  |                                   | 3.35                                    | 13.16                                 |       |
|                 |                | 6385                   | 7.44                                 | 6.86  |                                   | 2.60                                    | 12.77                                 |       |
|                 | 6              | 6465                   | 7.38                                 | 6.50  |                                   | 2.60                                    | 12.57                                 |       |
|                 |                | 6545                   | 7.29                                 | 6.58  |                                   | 2.60                                    | 12.56                                 |       |
|                 | 7              | 6625                   | 6.48                                 | 5.67  |                                   | 2.60                                    | 11.70                                 |       |
|                 |                | 6705                   | 6.39                                 | 5.50  |                                   | 2.60                                    | 11.58                                 |       |
|                 |                | 6785                   | 6.26                                 | 5.47  |                                   | 2.60                                    | 11.49                                 |       |
|                 | 8              | 6865                   | 6.19                                 | 5.54  |                                   | 2.30                                    | 11.19                                 |       |
|                 |                | 6945                   | 6.53                                 | 5.78  |                                   | 2.30                                    | 11.48                                 |       |
|                 |                | 7025                   | 6.61                                 | 5.99  |                                   | 2.30                                    | 11.62                                 |       |
|                 | 802.11ax-HE160 | 5                      | 6025                                 | 10.05 |                                   | 9.43                                    | N/A                                   |       |
| 6185            |                |                        | 10.06                                | 9.41  | 3.35                              | 16.11                                   |                                       |       |
| 6345            |                |                        | 10.33                                | 9.62  | 2.60                              | 15.60                                   |                                       |       |
| 6               |                | 6505                   | 10.02                                | 9.31  | 2.60                              | 15.29                                   |                                       |       |
|                 |                | 6665                   | 9.40                                 | 8.37  | 2.60                              | 14.53                                   |                                       |       |
| 7               |                | 6825                   | 9.24                                 | 8.39  | 2.30                              | 14.15                                   |                                       |       |
|                 |                | 6985                   | 9.56                                 | 8.69  | 2.30                              | 14.46                                   |                                       |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. 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: Directional gain =  $10 \log[(10^{3.20/10} + 10^{3.50/10})/2]$  = 3.35dBi

6525MHz: Directional gain =  $10 \log[(10^{2.50/10} + 10^{2.70/10})/2]$  = 2.60dBi

7125MHz: Directional gain =  $10 \log[(10^{2.10/10} + 10^{2.50/10})/2]$  = 2.30dBi

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |            |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 4 |       |   | RU Index 8 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -5.99                                | -5.71 | 0.223   | -5.91      | -5.68 | 0.223   | -6.00      | -5.86 | 0.223   | 3.35   | 0.65                             |
|               |            | 6175                   |       | -7.35                                | -7.50 | 0.223   | -6.99      | -7.21 | 0.223   | -7.28      | -7.53 | 0.223   | 3.35   | -0.82                            |
|               |            | 6415                   |       | -7.50                                | -7.98 | 0.223   | -7.43      | -7.89 | 0.223   | -7.92      | -8.10 | 0.223   | 2.60   | -2.18                            |
|               | 6          | 6435                   |       | -7.53                                | -7.84 | 0.223   | -7.56      | -7.64 | 0.223   | -7.63      | -8.00 | 0.223   | 2.60   | -1.98                            |
|               |            | 6475                   |       | -7.90                                | -8.01 | 0.223   | -7.65      | -7.90 | 0.223   | -7.85      | -8.21 | 0.223   | 2.60   | -2.19                            |
|               |            | 6515                   |       | -8.04                                | -8.22 | 0.223   | -7.73      | -8.02 | 0.223   | -8.11      | -8.26 | 0.223   | 2.60   | -2.35                            |
|               | 7          | 6535                   |       | -8.68                                | -8.99 | 0.223   | -8.71      | -8.85 | 0.223   | -9.02      | -9.18 | 0.223   | 2.60   | -3.27                            |
|               |            | 6695                   |       | -9.30                                | -8.89 | 0.223   | -9.11      | -8.62 | 0.223   | -9.39      | -8.84 | 0.223   | 2.60   | -3.27                            |
|               |            | 6855                   |       | -8.76                                | -8.51 | 0.223   | -8.77      | -8.31 | 0.223   | -8.84      | -8.59 | 0.223   | 2.30   | -3.18                            |
|               | 8          | 6875                   |       | -9.05                                | -8.65 | 0.223   | -9.04      | -8.41 | 0.223   | -9.27      | -8.73 | 0.223   | 2.30   | -3.46                            |
|               |            | 6995                   |       | -8.02                                | -7.83 | 0.223   | -7.81      | -7.68 | 0.223   | -8.08      | -7.93 | 0.223   | 2.30   | -2.47                            |
|               |            | 7115                   |       | -7.79                                | -7.60 | 0.223   | -7.65      | -7.33 | 0.223   | -7.80      | -7.53 | 0.223   | 2.30   | -2.13                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 8 |       |   | RU Index 17 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.09                                | -5.78 | 0.223   | -5.89      | -5.83 | 0.223   | -5.92       | -5.79 | 0.223   | 3.35   | 0.73                             |
|               |            | 6165                   |       | -6.92                                | -7.30 | 0.223   | -7.04      | -7.49 | 0.223   | -7.18       | -7.45 | 0.223   | 3.35   | -0.73                            |
|               |            | 6405                   |       | -7.45                                | -7.87 | 0.223   | -7.64      | -7.95 | 0.223   | -7.73       | -8.07 | 0.223   | 2.60   | -2.06                            |
|               | 6          | 6445                   |       | -7.65                                | -7.77 | 0.223   | -7.93      | -7.92 | 0.223   | -7.85       | -8.05 | 0.223   | 2.60   | -2.12                            |
|               |            | 6485                   |       | -7.81                                | -7.97 | 0.223   | -8.07      | -8.11 | 0.223   | -8.08       | -8.25 | 0.223   | 2.60   | -2.33                            |
|               |            | 6525                   |       | -8.02                                | -8.14 | 0.223   | -8.18      | -8.36 | 0.223   | -8.10       | -8.37 | 0.223   | 2.60   | -2.40                            |
|               | 7          | 6685                   |       | -9.22                                | -8.84 | 0.223   | -9.34      | -8.94 | 0.223   | -9.31       | -8.90 | 0.223   | 2.60   | -3.27                            |
|               |            | 6845                   |       | -8.68                                | -8.34 | 0.223   | -8.77      | -8.45 | 0.223   | -8.99       | -8.54 | 0.223   | 2.30   | -3.23                            |
|               |            | 6885                   |       | -8.99                                | -8.56 | 0.223   | -9.21      | -8.70 | 0.223   | -9.21       | -8.99 | 0.223   | 2.30   | -3.57                            |
|               | 8          | 7005                   |       | -7.85                                | -7.89 | 0.223   | -8.15      | -8.07 | 0.223   | -8.20       | -8.09 | 0.223   | 2.30   | -2.61                            |
|               |            | 7085                   |       | -7.50                                | -7.27 | 0.223   | -7.64      | -7.48 | 0.223   | -8.55       | -8.17 | 0.223   | 2.30   | -2.82                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.10                                | -5.60 | 0.223  | -5.42       | -5.22 | 0.223  | -6.20       | -5.99 | 0.223  | 3.35   | 0.49                             |
|               |            | 6145                   |       | -6.99                                | -7.06 | 0.223  | -6.69       | -6.72 | 0.223  | -7.57       | -7.49 | 0.223  | 3.35   | -0.95                            |
|               |            | 6385                   |       | -7.51                                | -7.73 | 0.223  | -7.18       | -7.27 | 0.223  | -8.00       | -8.06 | 0.223  | 2.60   | -2.20                            |
|               | 6          | 6465                   |       | -8.18                                | -7.91 | 0.223  | -7.58       | -7.48 | 0.223  | -8.42       | -8.34 | 0.223  | 2.60   | -2.55                            |
|               |            | 6545                   |       | -8.35                                | -8.27 | 0.223  | -8.07       | -7.89 | 0.223  | -8.98       | -8.75 | 0.223  | 2.60   | -3.03                            |
|               |            | 6625                   |       | -9.64                                | -8.95 | 0.223  | -8.92       | -8.31 | 0.223  | -9.85       | -8.89 | 0.223  | 2.60   | -3.51                            |
|               | 7          | 6705                   |       | -9.60                                | -8.85 | 0.223  | -9.08       | -8.31 | 0.223  | -9.95       | -8.84 | 0.223  | 2.60   | -3.53                            |
|               |            | 6785                   |       | -8.85                                | -8.33 | 0.223  | -8.23       | -7.76 | 0.223  | -9.11       | -8.43 | 0.223  | 2.60   | -2.92                            |
|               |            | 6865                   |       | -9.04                                | -8.46 | 0.223  | -8.63       | -7.94 | 0.223  | -9.71       | -9.00 | 0.223  | 2.30   | -3.81                            |
|               | 8          | 6945                   |       | -8.03                                | -7.35 | 0.223  | -7.36       | -6.97 | 0.223  | -8.47       | -7.88 | 0.223  | 2.30   | -2.63                            |
|               |            | 7025                   |       | -8.34                                | -8.00 | 0.223  | -7.92       | -7.52 | 0.223  | -8.90       | -8.42 | 0.223  | 2.30   | -3.12                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -6.10                                | -5.60 | 0.223  | -6.10       | -5.60 | 0.223  | -6.10       | -5.60 | 0.223  | 3.35   | 0.65                             |
|                      |            | 6185                   |       | -6.99                                | -7.06 | 0.223  | -6.99       | -7.06 | 0.223  | -6.99       | -7.06 | 0.223  | 3.35   | -0.65                            |
|                      |            | 6345                   |       | -7.51                                | -7.73 | 0.223  | -7.51       | -7.73 | 0.223  | -7.51       | -7.73 | 0.223  | 2.60   | -1.62                            |
|                      | 6          | 6505                   |       | -8.18                                | -7.91 | 0.223  | -8.18       | -7.91 | 0.223  | -8.18       | -7.91 | 0.223  | 2.60   | -2.12                            |
|                      |            | 6665                   |       | -8.35                                | -8.27 | 0.223  | -8.35       | -8.27 | 0.223  | -8.35       | -8.27 | 0.223  | 2.60   | -3.22                            |
|                      |            | 6825                   |       | -9.64                                | -8.95 | 0.223  | -9.64       | -8.95 | 0.223  | -9.64       | -8.95 | 0.223  | 2.30   | -2.77                            |
|                      | 8          | 6985                   |       | -9.60                                | -8.85 | 0.223  | -9.60       | -8.85 | 0.223  | -9.60       | -8.85 | 0.223  | 2.30   | -2.21                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |       |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -5.96                                | -5.84 | 0.223  | -6.73        | -6.36 | 0.223  | -8.34        | -7.93  | 0.223  | 3.35   | -1.55                            |
|                      |            | 6185                   |       | -7.40                                | -7.07 | 0.223  | -7.89        | -7.66 | 0.223  | -9.34        | -9.19  | 0.223  | 3.35   | -2.68                            |
|                      |            | 6345                   |       | -7.64                                | -7.24 | 0.223  | -8.09        | -7.72 | 0.223  | -9.88        | -9.42  | 0.223  | 2.60   | -3.81                            |
|                      | 6          | 6505                   |       | -7.99                                | -7.89 | 0.223  | -8.93        | -8.63 | 0.223  | -10.44       | -10.28 | 0.223  | 2.60   | -4.53                            |
|                      |            | 6665                   |       | -8.66                                | -9.13 | 0.223  | -9.15        | -9.73 | 0.223  | -10.41       | -11.02 | 0.223  | 2.60   | -4.87                            |
|                      |            | 6825                   |       | -8.13                                | -8.71 | 0.223  | -8.85        | -9.28 | 0.223  | -10.46       | -10.94 | 0.223  | 2.30   | -5.16                            |
|                      | 8          | 6985                   |       | -7.74                                | -7.83 | 0.223  | -8.46        | -8.61 | 0.223  | -9.91        | -10.21 | 0.223  | 2.30   | -4.52                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 39 |       |   | RU Index 40 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -2.78                                | -2.42 | 0.119   | -2.55       | -2.54 | 0.119   | -2.62       | -2.68 | 0.119   | 3.35   | 3.83                             |
|               |            | 6175                   |       | -3.80                                | -4.25 | 0.119   | -3.89       | -4.12 | 0.119   | -4.08       | -4.26 | 0.119   | 3.35   | 2.31                             |
|               |            | 6415                   |       | -4.20                                | -4.75 | 0.119   | -4.20       | -4.81 | 0.119   | -4.54       | -4.94 | 0.119   | 2.60   | 0.99                             |
|               | 6          | 6435                   |       | -4.52                                | -4.72 | 0.119   | -4.36       | -4.68 | 0.119   | -4.52       | -4.69 | 0.119   | 2.60   | 1.13                             |
|               |            | 6475                   |       | -4.69                                | -4.88 | 0.119   | -4.67       | -4.77 | 0.119   | -4.63       | -4.84 | 0.119   | 2.60   | 1.00                             |
|               |            | 6515                   |       | -4.74                                | -4.99 | 0.119   | -4.69       | -4.97 | 0.119   | -4.78       | -5.07 | 0.119   | 2.60   | 0.81                             |
|               | 7          | 6535                   |       | -5.47                                | -5.79 | 0.119   | -5.67       | -5.81 | 0.119   | -5.76       | -5.91 | 0.119   | 2.60   | -0.11                            |
|               |            | 6695                   |       | -6.13                                | -5.63 | 0.119   | -5.86       | -5.62 | 0.119   | -6.00       | -5.67 | 0.119   | 2.60   | -0.10                            |
|               |            | 6855                   |       | -5.56                                | -5.32 | 0.119   | -5.62       | -5.26 | 0.119   | -5.68       | -5.40 | 0.119   | 2.30   | -0.11                            |
|               | 8          | 6875                   |       | -5.88                                | -5.42 | 0.119   | -5.68       | -5.39 | 0.119   | -5.90       | -5.48 | 0.119   | 2.30   | -0.26                            |
|               |            | 6995                   |       | -4.86                                | -4.65 | 0.119   | -4.79       | -4.63 | 0.119   | -4.97       | -4.76 | 0.119   | 2.30   | 0.57                             |
|               |            | 7115                   |       | -4.51                                | -4.36 | 0.119   | -4.55       | -4.35 | 0.119   | -8.39       | -8.10 | 0.119   | 2.30   | -2.81                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 40 |       |   | RU Index 44 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.01                                | -2.58 | 0.119   | -2.91       | -2.78 | 0.119   | -2.95       | -2.77 | 0.119   | 3.35   | 3.62                             |
|               |            | 6165                   |       | -3.88                                | -4.25 | 0.119   | -3.89       | -4.32 | 0.119   | -4.07       | -4.37 | 0.119   | 3.35   | 2.26                             |
|               |            | 6405                   |       | -4.22                                | -4.92 | 0.119   | -4.35       | -4.91 | 0.119   | -4.52       | -5.03 | 0.119   | 2.60   | 0.96                             |
|               | 6          | 6445                   |       | -4.67                                | -4.71 | 0.119   | -4.58       | -4.76 | 0.119   | -4.61       | -4.88 | 0.119   | 2.60   | 0.99                             |
|               |            | 6485                   |       | -4.66                                | -4.93 | 0.119   | -4.67       | -4.92 | 0.119   | -4.65       | -5.02 | 0.119   | 2.60   | 0.90                             |
|               | 7          | 6525                   |       | -4.89                                | -5.02 | 0.119   | -4.96       | -5.19 | 0.119   | -4.91       | -5.19 | 0.119   | 2.60   | 0.68                             |
|               |            | 6685                   |       | -6.01                                | -5.73 | 0.119   | -6.05       | -5.77 | 0.119   | -6.22       | -5.71 | 0.119   | 2.60   | -0.23                            |
|               |            | 6845                   |       | -5.66                                | -5.30 | 0.119   | -5.83       | -5.31 | 0.119   | -5.86       | -5.45 | 0.119   | 2.30   | -0.22                            |
|               | 8          | 6885                   |       | -5.87                                | -5.49 | 0.119   | -6.08       | -5.54 | 0.119   | -6.10       | -5.82 | 0.119   | 2.30   | -0.53                            |
|               |            | 7005                   |       | -4.90                                | -4.64 | 0.119   | -5.02       | -4.87 | 0.119   | -5.09       | -4.94 | 0.119   | 2.30   | 0.41                             |
|               |            | 7085                   |       | -4.44                                | -4.15 | 0.119   | -4.48       | -4.31 | 0.119   | -4.70       | -4.42 | 0.119   | 2.30   | 0.87                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.74                                | -3.08 | 0.119   | -2.30       | -2.67 | 0.119   | -3.07       | -3.13 | 0.119   | 3.35   | 3.38                             |
|               |            | 6145                   |       | -4.02                                | -3.94 | 0.119   | -3.68       | -3.73 | 0.119   | -4.41       | -4.46 | 0.119   | 3.35   | 2.04                             |
|               |            | 6385                   |       | -4.81                                | -4.56 | 0.119   | -4.39       | -4.28 | 0.119   | -5.28       | -5.18 | 0.119   | 2.60   | 0.50                             |
|               | 6          | 6465                   |       | -4.92                                | -5.27 | 0.119   | -4.68       | -4.87 | 0.119   | -5.25       | -5.55 | 0.119   | 2.60   | 0.33                             |
|               |            | 6545                   |       | -5.28                                | -5.53 | 0.119   | -5.03       | -5.26 | 0.119   | -5.58       | -6.03 | 0.119   | 2.60   | -0.07                            |
|               |            | 6625                   |       | -5.85                                | -6.64 | 0.119   | -5.60       | -6.31 | 0.119   | -5.99       | -6.95 | 0.119   | 2.60   | -0.71                            |
|               | 7          | 6705                   |       | -6.02                                | -6.87 | 0.119   | -5.32       | -6.54 | 0.119   | -5.88       | -7.12 | 0.119   | 2.60   | -0.73                            |
|               |            | 6785                   |       | -5.29                                | -6.14 | 0.119   | -4.99       | -5.75 | 0.119   | -5.37       | -6.34 | 0.119   | 2.60   | -0.10                            |
|               |            | 6865                   |       | -5.50                                | -6.42 | 0.119   | -5.12       | -6.24 | 0.119   | -6.00       | -6.97 | 0.119   | 2.30   | -1.03                            |
|               | 8          | 6945                   |       | -4.83                                | -5.21 | 0.119   | -4.04       | -4.89 | 0.119   | -4.90       | -5.51 | 0.119   | 2.30   | 0.24                             |
|               |            | 7025                   |       | -5.01                                | -5.70 | 0.119   | -4.78       | -5.39 | 0.119   | -5.44       | -6.11 | 0.119   | 2.30   | -0.33                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.19                                | -4.33 | 0.119   | -3.25       | -3.26 | 0.119   | -2.86       | -2.65 | 0.119   | 3.35   | 3.73                             |
|                      |            | 6185                   |       | -5.66                                | -5.20 | 0.119   | -4.52       | -4.23 | 0.119   | -4.13       | -3.91 | 0.119   | 3.35   | 2.46                             |
|                      |            | 6345                   |       | -6.09                                | -5.66 | 0.119   | -4.96       | -4.39 | 0.119   | -4.42       | -3.88 | 0.119   | 2.60   | 1.59                             |
|                      | 6          | 6505                   |       | -6.36                                | -6.31 | 0.119   | -5.37       | -5.27 | 0.119   | -4.97       | -4.82 | 0.119   | 2.60   | 0.83                             |
|                      |            | 6665                   |       | -7.30                                | -7.69 | 0.119   | -6.10       | -6.53 | 0.119   | -5.68       | -6.08 | 0.119   | 2.60   | -0.15                            |
|                      | 7          | 6825                   |       | -6.79                                | -7.19 | 0.119   | -5.69       | -6.07 | 0.119   | -5.20       | -5.64 | 0.119   | 2.30   | 0.01                             |
|                      |            | 6985                   |       | -5.76                                | -6.18 | 0.119   | -4.90       | -5.21 | 0.119   | -4.63       | -4.86 | 0.119   | 2.30   | 0.69                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |              |       |   |              |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|--------------|-------|---|--------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |   | RU Index S44 |       |   | RU Index S52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -2.84                                | -2.88 | 0.119   | -3.47        | -3.30 | 0.119   | -5.17        | -4.72 | 0.119   | 3.35   | 1.54                             |
|                      |            | 6185                   |       | -4.33                                | -3.94 | 0.119   | -4.78        | -4.53 | 0.119   | -6.13        | -6.18 | 0.119   | 3.35   | 0.32                             |
|                      |            | 6345                   |       | -4.44                                | -4.11 | 0.119   | -4.94        | -4.57 | 0.119   | -6.85        | -6.12 | 0.119   | 2.60   | -0.74                            |
|                      | 6          | 6505                   |       | -4.82                                | -4.78 | 0.119   | -5.75        | -5.35 | 0.119   | -7.23        | -6.97 | 0.119   | 2.60   | -1.37                            |
|                      |            | 6665                   |       | -5.71                                | -6.18 | 0.119   | -6.06        | -6.67 | 0.119   | -7.36        | -8.03 | 0.119   | 2.60   | -1.95                            |
|                      | 7          | 6825                   |       | -5.11                                | -5.81 | 0.119   | -5.85        | -6.30 | 0.119   | -7.40        | -7.98 | 0.119   | 2.30   | -2.25                            |
|                      |            | 6985                   |       | -4.55                                | -5.02 | 0.119   | -5.33        | -5.38 | 0.119   | -7.07        | -7.08 | 0.119   | 2.30   | -1.65                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.35                                 | 0.41  | N/A   | 0.20        | 0.40  | N/A   | 3.35   | 6.66                             |
|               |            | 6175                   |       | -0.72                                | -1.01 | N/A   | -0.88       | -1.19 | N/A   | 3.35   | 5.33                             |
|               |            | 6415                   |       | -1.13                                | -1.74 | N/A   | -1.30       | -1.87 | N/A   | 2.60   | 4.03                             |
|               | 6          | 6435                   |       | -1.47                                | -1.49 | N/A   | -1.30       | -1.52 | N/A   | 2.60   | 4.20                             |
|               |            | 6475                   |       | -1.38                                | -1.68 | N/A   | -1.63       | -1.75 | N/A   | 2.60   | 3.92                             |
|               |            | 6515                   |       | -1.61                                | -1.82 | N/A   | -1.62       | -1.87 | N/A   | 2.60   | 3.87                             |
|               | 7          | 6535                   |       | -2.44                                | -2.78 | N/A   | -2.57       | -2.83 | N/A   | 2.60   | 2.91                             |
|               |            | 6695                   |       | -3.19                                | -2.71 | N/A   | -2.93       | -2.59 | N/A   | 2.60   | 2.85                             |
|               |            | 6855                   |       | -2.56                                | -2.14 | N/A   | -2.68       | -2.23 | N/A   | 2.30   | 2.86                             |
|               | 8          | 6875                   |       | -2.67                                | -2.34 | N/A   | -2.76       | -2.47 | N/A   | 2.30   | 2.70                             |
|               |            | 6995                   |       | -1.64                                | -1.58 | N/A   | -1.71       | -1.65 | N/A   | 2.30   | 3.63                             |
|               |            | 7115                   |       | -1.47                                | -1.28 | N/A   | -8.47       | -7.97 | N/A   | 2.30   | -2.90                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   | RU Index 56 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | 0.21                                 | 0.29  | N/A   | 0.14        | 0.35  | N/A   | 0.28        | 0.18  | N/A   | 3.35   | 6.59                             |
|               |            | 6165                   |       | -0.85                                | -1.17 | N/A   | -0.98       | -1.23 | N/A   | -1.06       | -1.26 | N/A   | 3.35   | 5.20                             |
|               |            | 6405                   |       | -1.24                                | -1.79 | N/A   | -1.30       | -1.79 | N/A   | -1.55       | -1.98 | N/A   | 2.60   | 3.85                             |
|               | 6          | 6445                   |       | -1.56                                | -1.69 | N/A   | -1.33       | -1.66 | N/A   | -1.45       | -1.76 | N/A   | 2.60   | 4.01                             |
|               |            | 6485                   |       | -1.65                                | -1.82 | N/A   | -1.54       | -1.80 | N/A   | -1.78       | -1.92 | N/A   | 2.60   | 3.76                             |
|               | 7          | 6525                   |       | -1.71                                | -1.98 | N/A   | -1.73       | -2.03 | N/A   | -1.85       | -2.29 | N/A   | 2.60   | 3.55                             |
|               |            | 6685                   |       | -3.05                                | -2.72 | N/A   | -3.14       | -2.65 | N/A   | -3.09       | -2.66 | N/A   | 2.60   | 2.74                             |
|               |            | 6845                   |       | -2.63                                | -2.24 | N/A   | -2.79       | -2.23 | N/A   | -2.87       | -2.44 | N/A   | 2.30   | 2.66                             |
|               | 8          | 6885                   |       | -2.92                                | -2.43 | N/A   | -2.92       | -2.50 | N/A   | -3.08       | -2.73 | N/A   | 2.30   | 2.41                             |
|               |            | 7005                   |       | -1.83                                | -1.68 | N/A   | -1.72       | -1.70 | N/A   | -2.01       | -1.85 | N/A   | 2.30   | 3.38                             |
|               |            | 7085                   |       | -1.52                                | -1.19 | N/A   | -1.49       | -1.22 | N/A   | -1.60       | -1.34 | N/A   | 2.30   | 3.84                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | 0.09                                 | -0.09 | N/A  | 0.65        | 0.36  | N/A  | -0.18       | -0.18 | N/A  | 3.35   | 6.18                             |
|               |            | 6145                   |       | -1.16                                | -1.06 | N/A  | -1.03       | -0.86 | N/A  | -1.49       | -1.47 | N/A  | 3.35   | 4.88                             |
|               |            | 6385                   |       | -1.86                                | -1.71 | N/A  | -1.65       | -1.45 | N/A  | -2.21       | -2.07 | N/A  | 2.60   | 3.47                             |
|               | 6          | 6465                   |       | -1.88                                | -2.28 | N/A  | -1.54       | -2.04 | N/A  | -2.09       | -2.55 | N/A  | 2.60   | 3.30                             |
|               |            | 6545                   |       | -2.11                                | -2.59 | N/A  | -1.95       | -2.36 | N/A  | -2.77       | -3.01 | N/A  | 2.60   | 2.72                             |
|               |            | 7                      |       | 6625                                 | -2.98 | -3.74  | N/A         | -2.60 | -3.44  | N/A         | -2.95 | -3.98  | N/A  | 2.60                             |
|               | 6705       |                        |       | -2.82                                | -3.99 | N/A  | -2.42       | -3.70 | N/A  | -2.81       | -4.12 | N/A  | 2.60   | 2.19                             |
|               | 6785       |                        |       | -1.80                                | -2.76 | N/A  | -1.56       | -2.53 | N/A  | -2.29       | -3.25 | N/A  | 2.60   | 2.87                             |
|               | 8          | 6865                   |       | -2.24                                | -3.17 | N/A  | -2.08       | -2.99 | N/A  | -2.63       | -3.71 | N/A  | 2.30   | 2.17                             |
|               |            | 6945                   |       | -1.33                                | -2.00 | N/A  | -1.06       | -1.70 | N/A  | -1.89       | -2.28 | N/A  | 2.30   | 3.23                             |
|               |            | 7025                   |       | -1.87                                | -2.30 | N/A  | -1.53       | -2.21 | N/A  | -2.35       | -2.74 | N/A  | 2.30   | 2.77                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|------|
|                      |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.20                                | -1.28 | N/A  | -0.22       | -0.25 | N/A  | 0.16        | 0.43  | N/A  | 3.35   | 6.66                             |      |
|                      |            | 6185                   |       | -2.37                                | -2.08 | N/A  | -1.45       | -1.30 | N/A  | -1.16       | -0.98 | N/A  | 3.35   | 5.29                             |      |
|                      |            | 6345                   |       | -3.25                                | -2.32 | N/A  | -2.02       | -1.34 | N/A  | -1.46       | -0.98 | N/A  | 2.60   | 4.40                             |      |
|                      | 6          | 6505                   |       | -3.07                                | -3.05 | N/A  | -2.13       | -2.11 | N/A  | -1.79       | -1.75 | N/A  | 2.60   | 3.84                             |      |
|                      |            | 7                      |       | 6665                                 | -4.31 | -4.41  | N/A         | -3.39 | -3.39  | N/A         | -2.71 | -2.86  | N/A  | 2.60                             | 2.83 |
|                      |            |                        |       | 6825                                 | -3.76 | -3.71  | N/A         | -2.98 | -2.82  | N/A         | -2.31 | -2.26  | N/A  | 2.30                             | 3.03 |
|                      | 8          | 6985                   |       | -2.74                                | -2.73 | N/A  | -1.82       | -1.94 | N/A  | -1.49       | -1.51 | N/A  | 2.30   | 3.81                             |      |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|------|
|                      |            |                        |       | RU Index S53                         |       |  | RU Index S56 |       |  | RU Index S60 |       |  |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | 0.21                                 | 0.28  | N/A  | -0.40        | -0.05 | N/A  | -2.09        | -1.72 | N/A  | 3.35   | 4.46                             |      |
|                      |            | 6185                   |       | -1.22                                | -0.82 | N/A  | -1.59        | -1.45 | N/A  | -3.06        | -3.01 | N/A  | 3.35   | 3.33                             |      |
|                      |            | 6345                   |       | -1.36                                | -1.04 | N/A  | -1.93        | -1.47 | N/A  | -3.37        | -2.99 | N/A  | 2.60   | 2.43                             |      |
|                      | 6          | 6505                   |       | -1.90                                | -1.69 | N/A  | -2.32        | -2.28 | N/A  | -3.88        | -3.80 | N/A  | 2.60   | 1.77                             |      |
|                      |            | 7                      |       | 6665                                 | -2.92 | -3.12  | N/A          | -3.45 | -3.54  | N/A          | -4.90 | -4.81  | N/A  | 2.60                             | 0.76 |
|                      |            |                        |       | 6825                                 | -2.29 | -2.24  | N/A          | -3.03 | -2.93  | N/A          | -4.37 | -4.56  | N/A  | 2.30                             | 0.85 |
|                      | 8          | 6985                   |       | -1.56                                | -1.45 | N/A  | -2.26        | -1.97 | N/A  | -3.75        | -3.53 | N/A  | 2.30   | 1.67                             |      |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 2.13                                 | 2.48  | 0.15   | 3.35   | 8.82                             |
|               |            | 6175                   |       | 2.07                                 | 2.41  | 0.15   | 3.35   | 8.75                             |
|               |            | 6415                   |       | 1.95                                 | 2.42  | 0.15   | 2.60   | 7.95                             |
|               | 6          | 6435                   |       | 1.38                                 | 1.86  | 0.15   | 2.60   | 7.39                             |
|               |            | 6475                   |       | 1.51                                 | 1.8   | 0.15   | 2.60   | 7.42                             |
|               |            | 6515                   |       | 1.76                                 | 1.8   | 0.15   | 2.60   | 7.54                             |
|               | 7          | 6535                   |       | 1.43                                 | 1.61  | 0.15   | 2.60   | 7.28                             |
|               |            | 6695                   |       | 1.71                                 | 1.72  | 0.15   | 2.60   | 7.48                             |
|               |            | 6855                   |       | 1.59                                 | 1.76  | 0.15   | 2.30   | 7.14                             |
|               | 8          | 6875                   |       | 0.96                                 | 1.11  | 0.15   | 2.30   | 6.50                             |
|               |            | 6995                   |       | 0.91                                 | 0.89  | 0.15   | 2.30   | 6.36                             |
|               |            | 7115                   |       | -2.82                                | -2.64 | 0.15   | 2.30   | 2.73                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 2.01                                 | 1.3   | 0.15   | 1.89        | 1.19  | 0.15   | 3.35   | 8.06                             |
|               |            | 6165                   |       | 1.73                                 | 1.4   | 0.15   | 1.54        | 1.16  | 0.15   | 3.35   | 7.86                             |
|               |            | 6405                   |       | 1.69                                 | 1.4   | 0.15   | 1.7         | 1.45  | 0.15   | 2.60   | 7.34                             |
|               | 6          | 6445                   |       | 1.07                                 | 1.07  | 0.15   | 1.38        | 1.02  | 0.15   | 2.60   | 6.96                             |
|               |            | 6485                   |       | 1.22                                 | 0.92  | 0.15   | 1.07        | 1.44  | 0.15   | 2.60   | 7.02                             |
|               |            | 6525                   |       | 1.44                                 | 0.89  | 0.15   | 2.21        | 1.51  | 0.15   | 2.60   | 7.63                             |
|               | 7          | 6685                   |       | 1.12                                 | 0.19  | 0.15   | 1.34        | 0.25  | 0.15   | 2.60   | 6.59                             |
|               |            | 6845                   |       | 1.14                                 | 0.04  | 0.15   | 1.29        | 0.17  | 0.15   | 2.30   | 6.23                             |
|               |            | 6885                   |       | 0.87                                 | -0.15 | 0.15   | 0.71        | -0.06 | 0.15   | 2.30   | 5.80                             |
|               | 8          | 7005                   |       | 0.78                                 | -0.33 | 0.15   | 0.84        | -0.22 | 0.15   | 2.30   | 5.80                             |
|               |            | 7085                   |       | 0.91                                 | 0.06  | 0.15   | 1.16        | 0.55  | 0.15   | 2.30   | 6.33                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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



| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|-------------|------|---|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |   | RU Index 62 |      |   | RU Index 64 |      |   |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.35                                 | 2.73 | 0.15  | 2.36        | 2.91 | 0.15  | 2.34        | 2.44 | 0.15  | 3.35   | 8.90                             |
|               |            | 6145                   |       | 2.57                                 | 2.56 | 0.15  | 2.49        | 2.58 | 0.15  | 2.13        | 2.35 | 0.15  | 3.35   | 8.75                             |
|               |            | 6385                   |       | 2.08                                 | 2.17 | 0.15  | 2.33        | 2.41 | 0.15  | 2.27        | 2.4  | 0.15  | 2.60   | 8.10                             |
|               | 6          | 6465                   |       | 1.81                                 | 1.58 | 0.15  | 2.72        | 2.72 | 0.15  | 1.81        | 1.65 | 0.15  | 2.60   | 7.49                             |
|               |            | 6545                   |       | 1.38                                 | 1.99 | 0.15  | 2.34        | 2.91 | 0.15  | 1.97        | 2.43 | 0.15  | 2.60   | 7.97                             |
|               |            | 6625                   |       | 0.94                                 | 1.67 | 0.15  | 1.13        | 1.84 | 0.15  | 0.87        | 1.6  | 0.15  | 2.60   | 7.01                             |
|               | 7          | 6705                   |       | 1.16                                 | 1.74 | 0.15  | 1.25        | 1.86 | 0.15  | 0.89        | 1.65 | 0.15  | 2.60   | 7.05                             |
|               |            | 6785                   |       | 0.99                                 | 1.58 | 0.15  | 1.03        | 1.74 | 0.15  | 0.87        | 1.72 | 0.15  | 2.60   | 7.08                             |
|               |            | 6865                   |       | 0.83                                 | 1.44 | 0.15  | 1.25        | 1.86 | 0.15  | 0.42        | 0.86 | 0.15  | 2.30   | 6.11                             |
|               | 8          | 6945                   |       | 0.53                                 | 0.93 | 0.15  | 1.36        | 1.97 | 0.15  | 0.42        | 0.86 | 0.15  | 2.30   | 6.11                             |
|               |            | 7025                   |       | 0.23                                 | 0.89 | 0.15  | 1.2         | 1.89 | 0.15  | 0           | 1.18 | 0.15  | 2.30   | 6.09                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 61                          |      |   | RU Index 62 |      |   | RU Index 64 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.95                                 | 2.74 | 0.15  | 2.36        | 3.03 | 0.15  | 1.74        | 2.56 | 0.15  | 3.35   | 8.68                             |
|                      |            | 6185                   |       | 1.93                                 | 2.37 | 0.15  | 2.14        | 2.93 | 0.15  | 1.84        | 2.42 | 0.15  | 3.35   | 8.65                             |
|                      |            | 6345                   |       | 1.89                                 | 2.52 | 0.15  | 2.33        | 2.63 | 0.15  | 1.87        | 2.4  | 0.15  | 2.60   | 7.90                             |
|                      | 6          | 6505                   |       | 1.63                                 | 1.93 | 0.15  | 2.5         | 2.95 | 0.15  | 1.5         | 1.92 | 0.15  | 2.60   | 7.48                             |
|                      |            | 6665                   |       | 0.09                                 | 1.4  | 0.15  | 0.57        | 1.91 | 0.15  | 0.23        | 1.85 | 0.15  | 2.60   | 6.88                             |
|                      | 7          | 6825                   |       | -0.01                                | 1.39 | 0.15  | 0.38        | 1.62 | 0.15  | -0.2        | 1.25 | 0.15  | 2.30   | 6.05                             |
|                      |            | 6985                   |       | -0.48                                | 0.65 | 0.15  | 0.74        | 2    | 0.15  | -0.69       | 0.85 | 0.15  | 2.30   | 5.61                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S61                         |      |   | RU Index S62 |      |   | RU Index S64 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.54                                 | 2.75 | 0.15  | 1.49         | 2.6  | 0.15  | 1.76         | 2.54 | 0.15  | 3.35   | 8.68                             |
|                      |            | 6185                   |       | 1.72                                 | 2.48 | 0.15  | 1.54         | 2.54 | 0.15  | 1.88         | 2.57 | 0.15  | 3.35   | 8.75                             |
|                      |            | 6345                   |       | 1.78                                 | 2.31 | 0.15  | 1.69         | 2.45 | 0.15  | 2.01         | 2.51 | 0.15  | 2.60   | 8.03                             |
|                      | 6          | 6505                   |       | 1.53                                 | 1.98 | 0.15  | 2.08         | 2.6  | 0.15  | 1.82         | 2.51 | 0.15  | 2.60   | 7.94                             |
|                      |            | 6665                   |       | -0.15                                | 1.52 | 0.15  | -0.41        | 1.36 | 0.15  | -0.37        | 1.66 | 0.15  | 2.60   | 6.52                             |
|                      | 7          | 6825                   |       | -0.47                                | 1.43 | 0.15  | 0.31         | 1.34 | 0.15  | -0.24        | 0.87 | 0.15  | 2.30   | 5.81                             |
|                      |            | 6985                   |       | -0.58                                | 0.74 | 0.15  | 0.26         | 1.64 | 0.15  | -0.34        | 1.02 | 0.15  | 2.30   | 5.85                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |   |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.33                                 | 5.57 | N/A   | 3.35   | 11.81                            |
|               |            | 6165                   |       | 5.17                                 | 5.5  | N/A   | 3.35   | 11.70                            |
|               |            | 6405                   |       | 5.18                                 | 5.29 | N/A   | 2.60   | 10.85                            |
|               | 6          | 6445                   |       | 5.32                                 | 5.56 | N/A   | 2.60   | 11.05                            |
|               |            | 6485                   |       | 5.25                                 | 5.59 | N/A   | 2.60   | 11.03                            |
|               |            | 7                      |       | 6525                                 | 5.44 | 5.46  | N/A  | 2.60                             |
|               | 6685       |                        |       | 4.68                                 | 4.84 | N/A   | 2.60   | 10.37                            |
|               | 6845       |                        |       | 4.61                                 | 4.66 | N/A   | 2.30   | 9.95                             |
|               | 8          | 6885                   |       | 4.74                                 | 4.88 | N/A   | 2.30   | 10.12                            |
|               |            | 7005                   |       | 4.56                                 | 4.53 | N/A   | 2.30   | 9.86                             |
|               |            | 7085                   |       | 4.73                                 | 4.98 | N/A   | 2.30   | 10.17                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.33                                 | 5.36 | N/A   | 5.31        | 5.41 | N/A   | 3.35   | 11.72                            |
|               |            | 6145                   |       | 5.46                                 | 5.3  | N/A   | 5.45        | 5.29 | N/A   | 3.35   | 11.73                            |
|               |            | 6385                   |       | 5.03                                 | 5.12 | N/A   | 5.45        | 5.17 | N/A   | 2.60   | 10.92                            |
|               | 6          | 6465                   |       | 5.47                                 | 5.1  | N/A   | 5.3         | 5.44 | N/A   | 2.60   | 10.98                            |
|               |            | 6545                   |       | 5.17                                 | 5.61 | N/A   | 5.19        | 5.24 | N/A   | 2.60   | 10.83                            |
|               |            | 7                      |       | 6625                                 | 4.39 | 4.53  | N/A         | 4.29 | 4.45  | N/A  | 2.60                             |
|               | 6705       |                        |       | 4.49                                 | 4.46 | N/A   | 4.37        | 4.64 | N/A   | 2.60   | 10.12                            |
|               | 6785       |                        |       | 4.15                                 | 4.5  | N/A   | 4.33        | 4.68 | N/A   | 2.60   | 10.12                            |
|               | 8          | 6865                   |       | 4.28                                 | 4.62 | N/A   | 4.52        | 4.52 | N/A   | 2.30   | 9.83                             |
|               |            | 6945                   |       | 4.58                                 | 4.36 | N/A   | 4.3         | 4.58 | N/A   | 2.30   | 9.75                             |
|               |            | 7025                   |       | 4.22                                 | 4.51 | N/A   | 4.44        | 4.55 | N/A   | 2.30   | 9.81                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.98                                 | 5.44 | N/A   | 4.67        | 5.49 | N/A   | 3.35   | 11.46                            |
|                      |            | 6185                   |       | 5.05                                 | 5.3  | N/A   | 5.04        | 5.32 | N/A   | 3.35   | 11.54                            |
|                      |            | 6345                   |       | 4.93                                 | 5.19 | N/A   | 5.01        | 5.27 | N/A   | 2.60   | 10.75                            |
|                      | 6          | 6505                   |       | 5.23                                 | 5.12 | N/A   | 5.25        | 5.39 | N/A   | 2.60   | 10.93                            |
|                      | 7          | 6665                   |       | 3.96                                 | 4.53 | N/A   | 3.61        | 4.42 | N/A   | 2.60   | 9.64                             |
|                      |            | 6825                   |       | 3.96                                 | 4.47 | N/A   | 3.7         | 4.63 | N/A   | 2.30   | 9.50                             |
|                      |            | 6985                   |       | 4.25                                 | 4.42 | N/A   | 4.09        | 4.75 | N/A   | 2.30   | 9.74                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.81                                 | 5.42 | N/A   | 4.83         | 5.41 | N/A   | 3.35   | 11.49                            |
|                      |            | 6185                   |       | 4.81                                 | 5.36 | N/A   | 4.85         | 5.12 | N/A   | 3.35   | 11.35                            |
|                      |            | 6345                   |       | 4.62                                 | 5.19 | N/A   | 4.93         | 5.16 | N/A   | 2.60   | 10.66                            |
|                      | 6          | 6505                   |       | 5.06                                 | 5.45 | N/A   | 4.94         | 5.31 | N/A   | 2.60   | 10.74                            |
|                      | 7          | 6665                   |       | 3.99                                 | 4.52 | N/A   | 3.93         | 4.51 | N/A   | 2.60   | 9.84                             |
|                      |            | 6825                   |       | 3.97                                 | 4.56 | N/A   | 4.03         | 4.61 | N/A   | 2.30   | 9.64                             |
|                      |            | 6985                   |       | 4.09                                 | 4.41 | N/A   | 4.06         | 4.74 | N/A   | 2.30   | 9.72                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.25                                 | 6.58 | 0.159  | 3.35   | 13.45                            |
|               |            | 6145                   |       | 7.22                                 | 6.24 | 0.159  | 3.35   | 13.28                            |
|               |            | 6385                   |       | 7.49                                 | 6.52 | 0.159  | 2.60   | 12.80                            |
|               | 6          | 6465                   |       | 7.36                                 | 6.43 | 0.159  | 2.60   | 12.69                            |
|               |            | 6545                   |       | 7.41                                 | 6.35 | 0.159  | 2.60   | 12.68                            |
|               | 7          | 6625                   |       | 6.72                                 | 5.45 | 0.159  | 2.60   | 11.90                            |
|               |            | 6705                   |       | 6.44                                 | 5.37 | 0.159  | 2.60   | 11.71                            |
|               |            | 6785                   |       | 6.3                                  | 5.3  | 0.159  | 2.60   | 11.60                            |
|               | 8          | 6865                   |       | 6.14                                 | 5.3  | 0.159  | 2.30   | 11.21                            |
|               |            | 6945                   |       | 6.54                                 | 5.58 | 0.159  | 2.30   | 11.56                            |
|               |            | 7025                   |       | 6.71                                 | 5.73 | 0.159  | 2.30   | 11.72                            |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |  | RU Index S67 |      |  |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.57                                 | 6.67 | 0.159  | 7.34         | 6.68 | 0.159  | 3.35   | 13.54                            |
|                |            | 6185                   |       | 7.58                                 | 6.76 | 0.159  | 7.59         | 6.66 | 0.159  | 3.35   | 13.67                            |
|                |            | 6345                   |       | 7.76                                 | 6.81 | 0.159  | 7.58         | 6.81 | 0.159  | 2.60   | 12.98                            |
|                | 6          | 6505                   |       | 7.14                                 | 6.23 | 0.159  | 7.04         | 6.18 | 0.159  | 2.60   | 12.40                            |
|                |            | 6665                   |       | 6.95                                 | 5.69 | 0.159  | 6.75         | 5.61 | 0.159  | 2.60   | 11.99                            |
|                | 7          | 6825                   |       | 6.62                                 | 5.62 | 0.159  | 6.22         | 5.36 | 0.159  | 2.30   | 11.28                            |
|                |            | 6985                   |       | 6.58                                 | 5.72 | 0.159  | 6.48         | 5.75 | 0.159  | 2.30   | 11.60                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

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

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

**Test SKU: SKU #2 [with (LUXSHARE-ICT) L1LRF009-CS-H Antenna]**

● OFDM Modulation

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.75                                 | 1.42  | N/A                               | 4.49                                    | 9.09                                  | 24dBm |
|                 |            | 6175                   | 1.62                                 | 1.40  |                                   | 4.49                                    | 9.01                                  |       |
|                 |            | 6415                   | 1.44                                 | 1.40  |                                   | 1.29                                    | 5.72                                  |       |
|                 | 6          | 6435                   | 1.43                                 | 1.53  |                                   | 1.29                                    | 5.78                                  |       |
|                 |            | 6475                   | 1.75                                 | 1.54  |                                   | 1.29                                    | 5.95                                  |       |
|                 |            | 6515                   | 1.63                                 | 1.40  |                                   | 1.29                                    | 5.82                                  |       |
|                 | 7          | 6535                   | 0.95                                 | 0.63  |                                   | 1.29                                    | 5.09                                  |       |
|                 |            | 6695                   | 0.97                                 | 0.26  |                                   | 1.29                                    | 4.93                                  |       |
|                 |            | 6855                   | 1.05                                 | 0.31  |                                   | 3.07                                    | 6.78                                  |       |
|                 | 8          | 6875                   | 1.16                                 | 0.48  |                                   | 3.07                                    | 6.91                                  |       |
|                 |            | 6995                   | 1.01                                 | 0.29  |                                   | 3.07                                    | 6.75                                  |       |
|                 |            | 7115                   | -3.35                                | -2.76 |                                   | 3.07                                    | 3.04                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.32                                 | 5.30  | N/A                               | 4.49                                    | 12.81                                 | 24dBm |
|                 |            | 6165                   | 5.19                                 | 5.21  |                                   | 4.49                                    | 12.70                                 |       |
|                 |            | 6405                   | 5.00                                 | 5.12  |                                   | 1.29                                    | 9.36                                  |       |
|                 | 6          | 6445                   | 5.03                                 | 5.36  |                                   | 1.29                                    | 9.50                                  |       |
|                 |            | 6485                   | 5.19                                 | 5.23  |                                   | 1.29                                    | 9.51                                  |       |
|                 | 7          | 6525                   | 5.34                                 | 5.24  |                                   | 1.29                                    | 9.59                                  |       |
|                 |            | 6685                   | 4.48                                 | 4.27  |                                   | 1.29                                    | 8.68                                  |       |
|                 |            | 6845                   | 4.58                                 | 4.14  |                                   | 3.07                                    | 10.45                                 |       |
|                 | 8          | 6885                   | 4.62                                 | 4.34  |                                   | 3.07                                    | 10.56                                 |       |
|                 |            | 7005                   | 4.53                                 | 4.19  |                                   | 3.07                                    | 10.44                                 |       |
|                 |            | 7085                   | 4.73                                 | 4.49  |                                   | 3.07                                    | 10.69                                 |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. 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: Directional gain =  $10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49$  dBi  
 6525MHz: Directional gain =  $10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29$  dBi  
 7125MHz: Directional gain =  $10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07$  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).

| Modulation Type | U-NII Band     | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |       |
|-----------------|----------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|-------|
|                 |                |                        | AUX                                  | Main  |                                   |   |                                       |       |       |
| 802.11ax-HE80   | 5              | 5985                   | 7.23                                 | 6.80  | N/A                               | 4.49                                    | 14.52                                 | 24dBm |       |
|                 |                | 6145                   | 7.07                                 | 6.51  |                                   | 4.49                                    | 14.30                                 |       |       |
|                 |                | 6385                   | 7.44                                 | 6.86  |                                   | 1.29                                    | 11.46                                 |       |       |
|                 | 6              | 6465                   | 7.38                                 | 6.50  |                                   | 1.29                                    | 11.26                                 |       |       |
|                 |                | 6545                   | 7.29                                 | 6.58  |                                   | 1.29                                    | 11.25                                 |       |       |
|                 |                | 7                      | 6625                                 | 6.48  |                                   | 5.67                                    | 1.29                                  |       | 10.39 |
|                 | 6705           |                        | 6.39                                 | 5.50  |                                   | 1.29                                    | 10.27                                 |       |       |
|                 | 6785           |                        | 6.26                                 | 5.47  |                                   | 1.29                                    | 10.18                                 |       |       |
|                 | 8              | 6865                   | 6.19                                 | 5.54  |                                   | 3.07                                    | 11.96                                 |       |       |
|                 |                | 6945                   | 6.53                                 | 5.78  |                                   | 3.07                                    | 12.25                                 |       |       |
|                 |                | 7025                   | 6.61                                 | 5.99  |                                   | 3.07                                    | 12.39                                 |       |       |
|                 | 802.11ax-HE160 | 5                      | 6025                                 | 10.05 |                                   | 9.43                                    | N/A                                   |       | 4.49  |
| 6185            |                |                        | 10.06                                | 9.41  | 4.49                              | 17.25                                   |                                       |       |       |
| 6345            |                |                        | 10.33                                | 9.62  | 1.29                              | 14.29                                   |                                       |       |       |
| 6               |                | 6505                   | 10.02                                | 9.31  | 1.29                              | 13.98                                   |                                       |       |       |
|                 |                | 7                      | 6665                                 | 9.40  | 8.37                              | 1.29                                    |                                       | 13.22 |       |
|                 |                |                        | 6825                                 | 9.24  | 8.39                              | 3.07                                    |                                       | 14.92 |       |
| 8               |                | 6985                   | 9.56                                 | 8.69  | 3.07                              | 15.23                                   |                                       |       |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain = 10 log[(10<sup>G1/10</sup> + 10<sup>G2/10</sup> + ... + 10<sup>GN/10</sup>)/N<sub>ANT</sub>] dBi  
 Directional gain:  
 5925MHz: Directional gain = 10 log[(10<sup>2.48/10</sup> + 10<sup>5.85/10</sup>)/2]= 4.49dBi  
 6525MHz: Directional gain = 10 log[(10<sup>1.38/10</sup> + 10<sup>1.19/10</sup>)/2]= 1.29dBi  
 7125MHz: Directional gain = 10 log[(10<sup>1.89/10</sup> + 10<sup>3.99/10</sup>)/2]= 3.07dBi  
 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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |            |       |  |            |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|------------|-------|--|------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 4 |       |  | RU Index 8 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -5.99                                | -5.71 | 0.223  | -5.91      | -5.68 | 0.223  | -6.00      | -5.86 | 0.223  | 4.49   | 1.79                             |
|               |            | 6175                   |       | -7.35                                | -7.50 | 0.223  | -6.99      | -7.21 | 0.223  | -7.28      | -7.53 | 0.223  | 4.49   | 0.32                             |
|               |            | 6415                   |       | -7.50                                | -7.98 | 0.223  | -7.43      | -7.89 | 0.223  | -7.92      | -8.10 | 0.223  | 1.29   | -3.49                            |
|               | 6          | 6435                   |       | -7.53                                | -7.84 | 0.223  | -7.56      | -7.64 | 0.223  | -7.63      | -8.00 | 0.223  | 1.29   | -3.29                            |
|               |            | 6475                   |       | -7.90                                | -8.01 | 0.223  | -7.65      | -7.90 | 0.223  | -7.85      | -8.21 | 0.223  | 1.29   | -3.50                            |
|               |            | 6515                   |       | -8.04                                | -8.22 | 0.223  | -7.73      | -8.02 | 0.223  | -8.11      | -8.26 | 0.223  | 1.29   | -3.66                            |
|               | 7          | 6535                   |       | -8.68                                | -8.99 | 0.223  | -8.71      | -8.85 | 0.223  | -9.02      | -9.18 | 0.223  | 1.29   | -4.58                            |
|               |            | 6695                   |       | -9.30                                | -8.89 | 0.223  | -9.11      | -8.62 | 0.223  | -9.39      | -8.84 | 0.223  | 1.29   | -4.58                            |
|               |            | 6855                   |       | -8.76                                | -8.51 | 0.223  | -8.77      | -8.31 | 0.223  | -8.84      | -8.59 | 0.223  | 3.07   | -2.41                            |
|               | 8          | 6875                   |       | -9.05                                | -8.65 | 0.223  | -9.04      | -8.41 | 0.223  | -9.27      | -8.73 | 0.223  | 3.07   | -2.69                            |
|               |            | 6995                   |       | -8.02                                | -7.83 | 0.223  | -7.81      | -7.68 | 0.223  | -8.08      | -7.93 | 0.223  | 3.07   | -1.70                            |
|               |            | 7115                   |       | -7.79                                | -7.60 | 0.223  | -7.65      | -7.33 | 0.223  | -7.80      | -7.53 | 0.223  | 3.07   | -1.36                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |            |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 8 |       |  | RU Index 17 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.09                                | -5.78 | 0.223  | -5.89      | -5.83 | 0.223  | -5.92       | -5.79 | 0.223  | 4.49   | 1.87                             |
|               |            | 6165                   |       | -6.92                                | -7.30 | 0.223  | -7.04      | -7.49 | 0.223  | -7.18       | -7.45 | 0.223  | 4.49   | 0.41                             |
|               |            | 6405                   |       | -7.45                                | -7.87 | 0.223  | -7.64      | -7.95 | 0.223  | -7.73       | -8.07 | 0.223  | 1.29   | -3.37                            |
|               | 6          | 6445                   |       | -7.65                                | -7.77 | 0.223  | -7.93      | -7.92 | 0.223  | -7.85       | -8.05 | 0.223  | 1.29   | -3.43                            |
|               |            | 6485                   |       | -7.81                                | -7.97 | 0.223  | -8.07      | -8.11 | 0.223  | -8.08       | -8.25 | 0.223  | 1.29   | -3.64                            |
|               |            | 6525                   |       | -8.02                                | -8.14 | 0.223  | -8.18      | -8.36 | 0.223  | -8.10       | -8.37 | 0.223  | 1.29   | -3.71                            |
|               | 7          | 6685                   |       | -9.22                                | -8.84 | 0.223  | -9.34      | -8.94 | 0.223  | -9.31       | -8.90 | 0.223  | 1.29   | -4.58                            |
|               |            | 6845                   |       | -8.68                                | -8.34 | 0.223  | -8.77      | -8.45 | 0.223  | -8.99       | -8.54 | 0.223  | 3.07   | -2.46                            |
|               |            | 6885                   |       | -8.99                                | -8.56 | 0.223  | -9.21      | -8.70 | 0.223  | -9.21       | -8.99 | 0.223  | 3.07   | -2.80                            |
|               | 8          | 7005                   |       | -7.85                                | -7.89 | 0.223  | -8.15      | -8.07 | 0.223  | -8.20       | -8.09 | 0.223  | 3.07   | -1.84                            |
|               |            | 7085                   |       | -7.50                                | -7.27 | 0.223  | -7.64      | -7.48 | 0.223  | -8.55       | -8.17 | 0.223  | 3.07   | -2.05                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.10                                | -5.60 | 0.223  | -5.42       | -5.22 | 0.223  | -6.20       | -5.99 | 0.223  | 4.49   | 1.63                             |
|               |            | 6145                   |       | -6.99                                | -7.06 | 0.223  | -6.69       | -6.72 | 0.223  | -7.57       | -7.49 | 0.223  | 4.49   | 0.19                             |
|               |            | 6385                   |       | -7.51                                | -7.73 | 0.223  | -7.18       | -7.27 | 0.223  | -8.00       | -8.06 | 0.223  | 1.29   | -3.51                            |
|               | 6          | 6465                   |       | -8.18                                | -7.91 | 0.223  | -7.58       | -7.48 | 0.223  | -8.42       | -8.34 | 0.223  | 1.29   | -3.86                            |
|               |            | 6545                   |       | -8.35                                | -8.27 | 0.223  | -8.07       | -7.89 | 0.223  | -8.98       | -8.75 | 0.223  | 1.29   | -4.34                            |
|               |            | 6625                   |       | -9.64                                | -8.95 | 0.223  | -8.92       | -8.31 | 0.223  | -9.85       | -8.89 | 0.223  | 1.29   | -4.82                            |
|               | 7          | 6705                   |       | -9.60                                | -8.85 | 0.223  | -9.08       | -8.31 | 0.223  | -9.95       | -8.84 | 0.223  | 1.29   | -4.84                            |
|               |            | 6785                   |       | -8.85                                | -8.33 | 0.223  | -8.23       | -7.76 | 0.223  | -9.11       | -8.43 | 0.223  | 1.29   | -4.23                            |
|               |            | 6865                   |       | -9.04                                | -8.46 | 0.223  | -8.63       | -7.94 | 0.223  | -9.71       | -9.00 | 0.223  | 3.07   | -3.04                            |
|               | 8          | 6945                   |       | -8.03                                | -7.35 | 0.223  | -7.36       | -6.97 | 0.223  | -8.47       | -7.88 | 0.223  | 3.07   | -1.86                            |
|               |            | 7025                   |       | -8.34                                | -8.00 | 0.223  | -7.92       | -7.52 | 0.223  | -8.90       | -8.42 | 0.223  | 3.07   | -2.35                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -6.10                                | -5.60 | 0.223  | -6.10       | -5.60 | 0.223  | -6.10       | -5.60 | 0.223  | 4.49   | 1.79                             |
|                      |            | 6185                   |       | -6.99                                | -7.06 | 0.223  | -6.99       | -7.06 | 0.223  | -6.99       | -7.06 | 0.223  | 4.49   | 0.49                             |
|                      |            | 6345                   |       | -7.51                                | -7.73 | 0.223  | -7.51       | -7.73 | 0.223  | -7.51       | -7.73 | 0.223  | 1.29   | -2.93                            |
|                      | 6          | 6505                   |       | -8.18                                | -7.91 | 0.223  | -8.18       | -7.91 | 0.223  | -8.18       | -7.91 | 0.223  | 1.29   | -3.43                            |
|                      |            | 6665                   |       | -8.35                                | -8.27 | 0.223  | -8.35       | -8.27 | 0.223  | -8.35       | -8.27 | 0.223  | 1.29   | -4.53                            |
|                      |            | 6825                   |       | -9.64                                | -8.95 | 0.223  | -9.64       | -8.95 | 0.223  | -9.64       | -8.95 | 0.223  | 3.07   | -2.00                            |
|                      | 8          | 6985                   |       | -9.60                                | -8.85 | 0.223  | -9.60       | -8.85 | 0.223  | -9.60       | -8.85 | 0.223  | 3.07   | -1.44                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |       |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -5.96                                | -5.84 | 0.223  | -6.73        | -6.36 | 0.223  | -8.34        | -7.93  | 0.223  | 4.49   | -0.41                            |
|                      |            | 6185                   |       | -7.40                                | -7.07 | 0.223  | -7.89        | -7.66 | 0.223  | -9.34        | -9.19  | 0.223  | 4.49   | -1.54                            |
|                      |            | 6345                   |       | -7.64                                | -7.24 | 0.223  | -8.09        | -7.72 | 0.223  | -9.88        | -9.42  | 0.223  | 1.29   | -5.12                            |
|                      | 6          | 6505                   |       | -7.99                                | -7.89 | 0.223  | -8.93        | -8.63 | 0.223  | -10.44       | -10.28 | 0.223  | 1.29   | -5.84                            |
|                      |            | 6665                   |       | -8.66                                | -9.13 | 0.223  | -9.15        | -9.73 | 0.223  | -10.41       | -11.02 | 0.223  | 1.29   | -6.18                            |
|                      |            | 6825                   |       | -8.13                                | -8.71 | 0.223  | -8.85        | -9.28 | 0.223  | -10.46       | -10.94 | 0.223  | 3.07   | -4.39                            |
|                      | 8          | 6985                   |       | -7.74                                | -7.83 | 0.223  | -8.46        | -8.61 | 0.223  | -9.91        | -10.21 | 0.223  | 3.07   | -3.75                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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



**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 39 |       |   | RU Index 40 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -2.78                                | -2.42 | 0.119   | -2.55       | -2.54 | 0.119   | -2.62       | -2.68 | 0.119   | 4.49   | 4.97                             |
|               |            | 6175                   |       | -3.80                                | -4.25 | 0.119   | -3.89       | -4.12 | 0.119   | -4.08       | -4.26 | 0.119   | 4.49   | 3.45                             |
|               |            | 6415                   |       | -4.20                                | -4.75 | 0.119   | -4.20       | -4.81 | 0.119   | -4.54       | -4.94 | 0.119   | 1.29   | -0.32                            |
|               | 6          | 6435                   |       | -4.52                                | -4.72 | 0.119   | -4.36       | -4.68 | 0.119   | -4.52       | -4.69 | 0.119   | 1.29   | -0.18                            |
|               |            | 6475                   |       | -4.69                                | -4.88 | 0.119   | -4.67       | -4.77 | 0.119   | -4.63       | -4.84 | 0.119   | 1.29   | -0.31                            |
|               |            | 6515                   |       | -4.74                                | -4.99 | 0.119   | -4.69       | -4.97 | 0.119   | -4.78       | -5.07 | 0.119   | 1.29   | -0.50                            |
|               | 7          | 6535                   |       | -5.47                                | -5.79 | 0.119   | -5.67       | -5.81 | 0.119   | -5.76       | -5.91 | 0.119   | 1.29   | -1.42                            |
|               |            | 6695                   |       | -6.13                                | -5.63 | 0.119   | -5.86       | -5.62 | 0.119   | -6.00       | -5.67 | 0.119   | 1.29   | -1.41                            |
|               |            | 6855                   |       | -5.56                                | -5.32 | 0.119   | -5.62       | -5.26 | 0.119   | -5.68       | -5.40 | 0.119   | 3.07   | 0.66                             |
|               | 8          | 6875                   |       | -5.88                                | -5.42 | 0.119   | -5.68       | -5.39 | 0.119   | -5.90       | -5.48 | 0.119   | 3.07   | 0.51                             |
|               |            | 6995                   |       | -4.86                                | -4.65 | 0.119   | -4.79       | -4.63 | 0.119   | -4.97       | -4.76 | 0.119   | 3.07   | 1.34                             |
|               |            | 7115                   |       | -4.51                                | -4.36 | 0.119   | -4.55       | -4.35 | 0.119   | -8.39       | -8.10 | 0.119   | 3.07   | -2.04                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 40 |       |   | RU Index 44 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.01                                | -2.58 | 0.119   | -2.91       | -2.78 | 0.119   | -2.95       | -2.77 | 0.119   | 4.49   | 4.76                             |
|               |            | 6165                   |       | -3.88                                | -4.25 | 0.119   | -3.89       | -4.32 | 0.119   | -4.07       | -4.37 | 0.119   | 4.49   | 3.40                             |
|               |            | 6405                   |       | -4.22                                | -4.92 | 0.119   | -4.35       | -4.91 | 0.119   | -4.52       | -5.03 | 0.119   | 1.29   | -0.35                            |
|               | 6          | 6445                   |       | -4.67                                | -4.71 | 0.119   | -4.58       | -4.76 | 0.119   | -4.61       | -4.88 | 0.119   | 1.29   | -0.32                            |
|               |            | 6485                   |       | -4.66                                | -4.93 | 0.119   | -4.67       | -4.92 | 0.119   | -4.65       | -5.02 | 0.119   | 1.29   | -0.41                            |
|               | 7          | 6525                   |       | -4.89                                | -5.02 | 0.119   | -4.96       | -5.19 | 0.119   | -4.91       | -5.19 | 0.119   | 1.29   | -0.63                            |
|               |            | 6685                   |       | -6.01                                | -5.73 | 0.119   | -6.05       | -5.77 | 0.119   | -6.22       | -5.71 | 0.119   | 1.29   | -1.54                            |
|               |            | 6845                   |       | -5.66                                | -5.30 | 0.119   | -5.83       | -5.31 | 0.119   | -5.86       | -5.45 | 0.119   | 3.07   | 0.55                             |
|               | 8          | 6885                   |       | -5.87                                | -5.49 | 0.119   | -6.08       | -5.54 | 0.119   | -6.10       | -5.82 | 0.119   | 3.07   | 0.24                             |
|               |            | 7005                   |       | -4.90                                | -4.64 | 0.119   | -5.02       | -4.87 | 0.119   | -5.09       | -4.94 | 0.119   | 3.07   | 1.18                             |
|               |            | 7085                   |       | -4.44                                | -4.15 | 0.119   | -4.48       | -4.31 | 0.119   | -4.70       | -4.42 | 0.119   | 3.07   | 1.64                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.74                                | -3.08 | 0.119   | -2.30       | -2.67 | 0.119   | -3.07       | -3.13 | 0.119   | 4.49   | 4.52                             |
|               |            | 6145                   |       | -4.02                                | -3.94 | 0.119   | -3.68       | -3.73 | 0.119   | -4.41       | -4.46 | 0.119   | 4.49   | 3.18                             |
|               |            | 6385                   |       | -4.81                                | -4.56 | 0.119   | -4.39       | -4.28 | 0.119   | -5.28       | -5.18 | 0.119   | 1.29   | -0.81                            |
|               | 6          | 6465                   |       | -4.92                                | -5.27 | 0.119   | -4.68       | -4.87 | 0.119   | -5.25       | -5.55 | 0.119   | 1.29   | -0.98                            |
|               |            | 6545                   |       | -5.28                                | -5.53 | 0.119   | -5.03       | -5.26 | 0.119   | -5.58       | -6.03 | 0.119   | 1.29   | -1.38                            |
|               |            | 6625                   |       | -5.85                                | -6.64 | 0.119   | -5.60       | -6.31 | 0.119   | -5.99       | -6.95 | 0.119   | 1.29   | -2.02                            |
|               | 7          | 6705                   |       | -6.02                                | -6.87 | 0.119   | -5.32       | -6.54 | 0.119   | -5.88       | -7.12 | 0.119   | 1.29   | -2.04                            |
|               |            | 6785                   |       | -5.29                                | -6.14 | 0.119   | -4.99       | -5.75 | 0.119   | -5.37       | -6.34 | 0.119   | 1.29   | -1.41                            |
|               |            | 6865                   |       | -5.50                                | -6.42 | 0.119   | -5.12       | -6.24 | 0.119   | -6.00       | -6.97 | 0.119   | 3.07   | -0.26                            |
|               | 8          | 6945                   |       | -4.83                                | -5.21 | 0.119   | -4.04       | -4.89 | 0.119   | -4.90       | -5.51 | 0.119   | 3.07   | 1.01                             |
|               |            | 7025                   |       | -5.01                                | -5.70 | 0.119   | -4.78       | -5.39 | 0.119   | -5.44       | -6.11 | 0.119   | 3.07   | 0.44                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |   | RU Index 44 |       |   | RU Index 52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.19                                | -4.33 | 0.119   | -3.25       | -3.26 | 0.119   | -2.86       | -2.65 | 0.119   | 4.49   | 4.87                             |
|                      |            | 6185                   |       | -5.66                                | -5.20 | 0.119   | -4.52       | -4.23 | 0.119   | -4.13       | -3.91 | 0.119   | 4.49   | 3.60                             |
|                      |            | 6345                   |       | -6.09                                | -5.66 | 0.119   | -4.96       | -4.39 | 0.119   | -4.42       | -3.88 | 0.119   | 1.29   | 0.28                             |
|                      | 6          | 6505                   |       | -6.36                                | -6.31 | 0.119   | -5.37       | -5.27 | 0.119   | -4.97       | -4.82 | 0.119   | 1.29   | -0.48                            |
|                      |            | 6665                   |       | -7.30                                | -7.69 | 0.119   | -6.10       | -6.53 | 0.119   | -5.68       | -6.08 | 0.119   | 1.29   | -1.46                            |
|                      | 7          | 6825                   |       | -6.79                                | -7.19 | 0.119   | -5.69       | -6.07 | 0.119   | -5.20       | -5.64 | 0.119   | 3.07   | 0.78                             |
|                      |            | 6985                   |       | -5.76                                | -6.18 | 0.119   | -4.90       | -5.21 | 0.119   | -4.63       | -4.86 | 0.119   | 3.07   | 1.46                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |              |       |   |              |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---|--------------|-------|---|--------------|-------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |   | RU Index S44 |       |   | RU Index S52 |       |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -2.84                                | -2.88 | 0.119   | -3.47        | -3.30 | 0.119   | -5.17        | -4.72 | 0.119   | 4.49   | 2.68                             |
|                      |            | 6185                   |       | -4.33                                | -3.94 | 0.119   | -4.78        | -4.53 | 0.119   | -6.13        | -6.18 | 0.119   | 4.49   | 1.46                             |
|                      |            | 6345                   |       | -4.44                                | -4.11 | 0.119   | -4.94        | -4.57 | 0.119   | -6.85        | -6.12 | 0.119   | 1.29   | -2.05                            |
|                      | 6          | 6505                   |       | -4.82                                | -4.78 | 0.119   | -5.75        | -5.35 | 0.119   | -7.23        | -6.97 | 0.119   | 1.29   | -2.68                            |
|                      |            | 6665                   |       | -5.71                                | -6.18 | 0.119   | -6.06        | -6.67 | 0.119   | -7.36        | -8.03 | 0.119   | 1.29   | -3.26                            |
|                      | 7          | 6825                   |       | -5.11                                | -5.81 | 0.119   | -5.85        | -6.30 | 0.119   | -7.40        | -7.98 | 0.119   | 3.07   | -1.48                            |
|                      |            | 6985                   |       | -4.55                                | -5.02 | 0.119   | -5.33        | -5.38 | 0.119   | -7.07        | -7.08 | 0.119   | 3.07   | -0.88                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.35                                 | 0.41  | N/A   | 0.20        | 0.40  | N/A   | 4.49   | 7.80                             |
|               |            | 6175                   |       | -0.72                                | -1.01 | N/A   | -0.88       | -1.19 | N/A   | 4.49   | 6.47                             |
|               |            | 6415                   |       | -1.13                                | -1.74 | N/A   | -1.30       | -1.87 | N/A   | 1.29   | 2.72                             |
|               | 6          | 6435                   |       | -1.47                                | -1.49 | N/A   | -1.30       | -1.52 | N/A   | 1.29   | 2.89                             |
|               |            | 6475                   |       | -1.38                                | -1.68 | N/A   | -1.63       | -1.75 | N/A   | 1.29   | 2.61                             |
|               |            | 6515                   |       | -1.61                                | -1.82 | N/A   | -1.62       | -1.87 | N/A   | 1.29   | 2.56                             |
|               | 7          | 6535                   |       | -2.44                                | -2.78 | N/A   | -2.57       | -2.83 | N/A   | 1.29   | 1.60                             |
|               |            | 6695                   |       | -3.19                                | -2.71 | N/A   | -2.93       | -2.59 | N/A   | 1.29   | 1.54                             |
|               |            | 6855                   |       | -2.56                                | -2.14 | N/A   | -2.68       | -2.23 | N/A   | 3.07   | 3.63                             |
|               | 8          | 6875                   |       | -2.67                                | -2.34 | N/A   | -2.76       | -2.47 | N/A   | 3.07   | 3.47                             |
|               |            | 6995                   |       | -1.64                                | -1.58 | N/A   | -1.71       | -1.65 | N/A   | 3.07   | 4.40                             |
|               |            | 7115                   |       | -1.47                                | -1.28 | N/A   | -8.47       | -7.97 | N/A   | 3.07   | -2.13                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |             |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|-------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |   | RU Index 54 |       |   | RU Index 56 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | 0.21                                 | 0.29  | N/A   | 0.14        | 0.35  | N/A   | 0.28        | 0.18  | N/A   | 4.49   | 7.73                             |
|               |            | 6165                   |       | -0.85                                | -1.17 | N/A   | -0.98       | -1.23 | N/A   | -1.06       | -1.26 | N/A   | 4.49   | 6.34                             |
|               |            | 6405                   |       | -1.24                                | -1.79 | N/A   | -1.30       | -1.79 | N/A   | -1.55       | -1.98 | N/A   | 1.29   | 2.54                             |
|               | 6          | 6445                   |       | -1.56                                | -1.69 | N/A   | -1.33       | -1.66 | N/A   | -1.45       | -1.76 | N/A   | 1.29   | 2.70                             |
|               |            | 6485                   |       | -1.65                                | -1.82 | N/A   | -1.54       | -1.80 | N/A   | -1.78       | -1.92 | N/A   | 1.29   | 2.45                             |
|               | 7          | 6525                   |       | -1.71                                | -1.98 | N/A   | -1.73       | -2.03 | N/A   | -1.85       | -2.29 | N/A   | 1.29   | 2.24                             |
|               |            | 6685                   |       | -3.05                                | -2.72 | N/A   | -3.14       | -2.65 | N/A   | -3.09       | -2.66 | N/A   | 1.29   | 1.43                             |
|               |            | 6845                   |       | -2.63                                | -2.24 | N/A   | -2.79       | -2.23 | N/A   | -2.87       | -2.44 | N/A   | 3.07   | 3.43                             |
|               | 8          | 6885                   |       | -2.92                                | -2.43 | N/A   | -2.92       | -2.50 | N/A   | -3.08       | -2.73 | N/A   | 3.07   | 3.18                             |
|               |            | 7005                   |       | -1.83                                | -1.68 | N/A   | -1.72       | -1.70 | N/A   | -2.01       | -1.85 | N/A   | 3.07   | 4.15                             |
|               |            | 7085                   |       | -1.52                                | -1.19 | N/A   | -1.49       | -1.22 | N/A   | -1.60       | -1.34 | N/A   | 3.07   | 4.61                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | 0.09                                 | -0.09 | N/A  | 0.65        | 0.36  | N/A  | -0.18       | -0.18 | N/A  | 4.49   | 7.32                             |
|               |            | 6145                   |       | -1.16                                | -1.06 | N/A  | -1.03       | -0.86 | N/A  | -1.49       | -1.47 | N/A  | 4.49   | 6.02                             |
|               |            | 6385                   |       | -1.86                                | -1.71 | N/A  | -1.65       | -1.45 | N/A  | -2.21       | -2.07 | N/A  | 1.29   | 2.16                             |
|               | 6          | 6465                   |       | -1.88                                | -2.28 | N/A  | -1.54       | -2.04 | N/A  | -2.09       | -2.55 | N/A  | 1.29   | 1.99                             |
|               |            | 6545                   |       | -2.11                                | -2.59 | N/A  | -1.95       | -2.36 | N/A  | -2.77       | -3.01 | N/A  | 1.29   | 1.41                             |
|               |            | 7                      |       | 6625                                 | -2.98 | -3.74  | N/A         | -2.60 | -3.44  | N/A         | -2.95 | -3.98  | N/A  | 1.29                             |
|               | 6705       |                        |       | -2.82                                | -3.99 | N/A  | -2.42       | -3.70 | N/A  | -2.81       | -4.12 | N/A  | 1.29   | 0.88                             |
|               | 6785       |                        |       | -1.80                                | -2.76 | N/A  | -1.56       | -2.53 | N/A  | -2.29       | -3.25 | N/A  | 1.29   | 1.56                             |
|               | 8          | 6865                   |       | -2.24                                | -3.17 | N/A  | -2.08       | -2.99 | N/A  | -2.63       | -3.71 | N/A  | 3.07   | 2.94                             |
|               |            | 6945                   |       | -1.33                                | -2.00 | N/A  | -1.06       | -1.70 | N/A  | -1.89       | -2.28 | N/A  | 3.07   | 4.00                             |
|               |            | 7025                   |       | -1.87                                | -2.30 | N/A  | -1.53       | -2.21 | N/A  | -2.35       | -2.74 | N/A  | 3.07   | 3.54                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|------|
|                      |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |      |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.20                                | -1.28 | N/A  | -0.22       | -0.25 | N/A  | 0.16        | 0.43  | N/A  | 4.49   | 7.80                             |      |
|                      |            | 6185                   |       | -2.37                                | -2.08 | N/A  | -1.45       | -1.30 | N/A  | -1.16       | -0.98 | N/A  | 4.49   | 6.43                             |      |
|                      |            | 6345                   |       | -3.25                                | -2.32 | N/A  | -2.02       | -1.34 | N/A  | -1.46       | -0.98 | N/A  | 1.29   | 3.09                             |      |
|                      | 6          | 6505                   |       | -3.07                                | -3.05 | N/A  | -2.13       | -2.11 | N/A  | -1.79       | -1.75 | N/A  | 1.29   | 2.53                             |      |
|                      |            | 7                      |       | 6665                                 | -4.31 | -4.41  | N/A         | -3.39 | -3.39  | N/A         | -2.71 | -2.86  | N/A  | 1.29                             | 1.52 |
|                      |            |                        |       | 6825                                 | -3.76 | -3.71  | N/A         | -2.98 | -2.82  | N/A         | -2.31 | -2.26  | N/A  | 3.07                             | 3.80 |
|                      | 8          | 6985                   |       | -2.74                                | -2.73 | N/A  | -1.82       | -1.94 | N/A  | -1.49       | -1.51 | N/A  | 3.07   | 4.58                             |      |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |       |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|-------|
|                      |            |                        |       | RU Index S53                         |       |  | RU Index S56 |       |  | RU Index S60 |       |  |  |                                  |       |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |       |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | 0.21                                 | 0.28  | N/A  | -0.40        | -0.05 | N/A  | -2.09        | -1.72 | N/A  | 4.49   | 5.60                             |       |
|                      |            | 6185                   |       | -1.22                                | -0.82 | N/A  | -1.59        | -1.45 | N/A  | -3.06        | -3.01 | N/A  | 4.49   | 4.47                             |       |
|                      |            | 6345                   |       | -1.36                                | -1.04 | N/A  | -1.93        | -1.47 | N/A  | -3.37        | -2.99 | N/A  | 1.29   | 1.12                             |       |
|                      | 6          | 6505                   |       | -1.90                                | -1.69 | N/A  | -2.32        | -2.28 | N/A  | -3.88        | -3.80 | N/A  | 1.29   | 0.46                             |       |
|                      |            | 7                      |       | 6665                                 | -2.92 | -3.12  | N/A          | -3.45 | -3.54  | N/A          | -4.90 | -4.81  | N/A  | 1.29                             | -0.55 |
|                      |            |                        |       | 6825                                 | -2.29 | -2.24  | N/A          | -3.03 | -2.93  | N/A          | -4.37 | -4.56  | N/A  | 3.07                             | 1.62  |
|                      | 8          | 6985                   |       | -1.56                                | -1.45 | N/A  | -2.26        | -1.97 | N/A  | -3.75        | -3.53 | N/A  | 3.07   | 2.44                             |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 2.13                                 | 2.48  | 0.15   | 4.49   | 9.96                             |
|               |            | 6175                   |       | 2.07                                 | 2.41  | 0.15   | 4.49   | 9.89                             |
|               |            | 6415                   |       | 1.95                                 | 2.42  | 0.15   | 1.29   | 6.64                             |
|               | 6          | 6435                   |       | 1.38                                 | 1.86  | 0.15   | 1.29   | 6.08                             |
|               |            | 6475                   |       | 1.51                                 | 1.8   | 0.15   | 1.29   | 6.11                             |
|               |            | 6515                   |       | 1.76                                 | 1.8   | 0.15   | 1.29   | 6.23                             |
|               | 7          | 6535                   |       | 1.43                                 | 1.61  | 0.15   | 1.29   | 5.97                             |
|               |            | 6695                   |       | 1.71                                 | 1.72  | 0.15   | 1.29   | 6.17                             |
|               |            | 6855                   |       | 1.59                                 | 1.76  | 0.15   | 3.07   | 7.91                             |
|               | 8          | 6875                   |       | 0.96                                 | 1.11  | 0.15   | 3.07   | 7.27                             |
|               |            | 6995                   |       | 0.91                                 | 0.89  | 0.15   | 3.07   | 7.13                             |
|               |            | 7115                   |       | -2.82                                | -2.64 | 0.15   | 3.07   | 3.50                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 2.01                                 | 1.3   | 0.15   | 1.89        | 1.19  | 0.15   | 4.49   | 9.20                             |
|               |            | 6165                   |       | 1.73                                 | 1.4   | 0.15   | 1.54        | 1.16  | 0.15   | 4.49   | 9.00                             |
|               |            | 6405                   |       | 1.69                                 | 1.4   | 0.15   | 1.7         | 1.45  | 0.15   | 1.29   | 6.03                             |
|               | 6          | 6445                   |       | 1.07                                 | 1.07  | 0.15   | 1.38        | 1.02  | 0.15   | 1.29   | 5.65                             |
|               |            | 6485                   |       | 1.22                                 | 0.92  | 0.15   | 1.07        | 1.44  | 0.15   | 1.29   | 5.71                             |
|               | 7          | 6525                   |       | 1.44                                 | 0.89  | 0.15   | 2.21        | 1.51  | 0.15   | 1.29   | 6.32                             |
|               |            | 6685                   |       | 1.12                                 | 0.19  | 0.15   | 1.34        | 0.25  | 0.15   | 1.29   | 5.28                             |
|               |            | 6845                   |       | 1.14                                 | 0.04  | 0.15   | 1.29        | 0.17  | 0.15   | 3.07   | 7.00                             |
|               | 8          | 6885                   |       | 0.87                                 | -0.15 | 0.15   | 0.71        | -0.06 | 0.15   | 3.07   | 6.57                             |
|               |            | 7005                   |       | 0.78                                 | -0.33 | 0.15   | 0.84        | -0.22 | 0.15   | 3.07   | 6.57                             |
|               |            | 7085                   |       | 0.91                                 | 0.06  | 0.15   | 1.16        | 0.55  | 0.15   | 3.07   | 7.10                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.35                                 | 2.73 | 0.15   | 2.36        | 2.91 | 0.15   | 2.34        | 2.44 | 0.15   | 4.49   | 10.04                            |
|               |            | 6145                   |       | 2.57                                 | 2.56 | 0.15   | 2.49        | 2.58 | 0.15   | 2.13        | 2.35 | 0.15   | 4.49   | 9.89                             |
|               |            | 6385                   |       | 2.08                                 | 2.17 | 0.15   | 2.33        | 2.41 | 0.15   | 2.27        | 2.4  | 0.15   | 1.29   | 6.79                             |
|               | 6          | 6465                   |       | 1.81                                 | 1.58 | 0.15   | 2.72        | 2.72 | 0.15   | 1.81        | 1.65 | 0.15   | 1.29   | 6.18                             |
|               |            | 6545                   |       | 1.38                                 | 1.99 | 0.15   | 2.34        | 2.91 | 0.15   | 1.97        | 2.43 | 0.15   | 1.29   | 6.66                             |
|               | 7          | 6625                   |       | 0.94                                 | 1.67 | 0.15   | 1.13        | 1.84 | 0.15   | 0.87        | 1.6  | 0.15   | 1.29   | 5.70                             |
|               |            | 6705                   |       | 1.16                                 | 1.74 | 0.15   | 1.25        | 1.86 | 0.15   | 0.89        | 1.65 | 0.15   | 1.29   | 5.74                             |
|               |            | 6785                   |       | 0.99                                 | 1.58 | 0.15   | 1.03        | 1.74 | 0.15   | 0.87        | 1.72 | 0.15   | 1.29   | 5.77                             |
|               | 8          | 6865                   |       | 0.83                                 | 1.44 | 0.15   | 1.25        | 1.86 | 0.15   | 0.42        | 0.86 | 0.15   | 3.07   | 6.88                             |
|               |            | 6945                   |       | 0.53                                 | 0.93 | 0.15   | 1.36        | 1.97 | 0.15   | 0.42        | 0.86 | 0.15   | 3.07   | 6.88                             |
|               |            | 7025                   |       | 0.23                                 | 0.89 | 0.15   | 1.2         | 1.89 | 0.15   | 0           | 1.18 | 0.15   | 3.07   | 6.86                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.95                                 | 2.74 | 0.15   | 2.36        | 3.03 | 0.15   | 1.74        | 2.56 | 0.15   | 4.49   | 9.82                             |
|                      |            | 6185                   |       | 1.93                                 | 2.37 | 0.15   | 2.14        | 2.93 | 0.15   | 1.84        | 2.42 | 0.15   | 4.49   | 9.79                             |
|                      |            | 6345                   |       | 1.89                                 | 2.52 | 0.15   | 2.33        | 2.63 | 0.15   | 1.87        | 2.4  | 0.15   | 1.29   | 6.59                             |
|                      | 6          | 6505                   |       | 1.63                                 | 1.93 | 0.15   | 2.5         | 2.95 | 0.15   | 1.5         | 1.92 | 0.15   | 1.29   | 6.17                             |
|                      |            | 6665                   |       | 0.09                                 | 1.4  | 0.15   | 0.57        | 1.91 | 0.15   | 0.23        | 1.85 | 0.15   | 1.29   | 5.57                             |
|                      | 7          | 6825                   |       | -0.01                                | 1.39 | 0.15   | 0.38        | 1.62 | 0.15   | -0.2        | 1.25 | 0.15   | 3.07   | 6.82                             |
|                      |            | 6985                   |       | -0.48                                | 0.65 | 0.15   | 0.74        | 2    | 0.15   | -0.69       | 0.85 | 0.15   | 3.07   | 6.38                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S61                         |      |  | RU Index S62 |      |  | RU Index S64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.54                                 | 2.75 | 0.15   | 1.49         | 2.6  | 0.15   | 1.76         | 2.54 | 0.15   | 4.49   | 9.82                             |
|                      |            | 6185                   |       | 1.72                                 | 2.48 | 0.15   | 1.54         | 2.54 | 0.15   | 1.88         | 2.57 | 0.15   | 4.49   | 9.89                             |
|                      |            | 6345                   |       | 1.78                                 | 2.31 | 0.15   | 1.69         | 2.45 | 0.15   | 2.01         | 2.51 | 0.15   | 1.29   | 6.72                             |
|                      | 6          | 6505                   |       | 1.53                                 | 1.98 | 0.15   | 2.08         | 2.6  | 0.15   | 1.82         | 2.51 | 0.15   | 1.29   | 6.63                             |
|                      |            | 6665                   |       | -0.15                                | 1.52 | 0.15   | -0.41        | 1.36 | 0.15   | -0.37        | 1.66 | 0.15   | 1.29   | 5.21                             |
|                      | 7          | 6825                   |       | -0.47                                | 1.43 | 0.15   | 0.31         | 1.34 | 0.15   | -0.24        | 0.87 | 0.15   | 3.07   | 6.58                             |
|                      |            | 6985                   |       | -0.58                                | 0.74 | 0.15   | 0.26         | 1.64 | 0.15   | -0.34        | 1.02 | 0.15   | 3.07   | 6.62                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.33                                 | 5.57 | N/A  | 4.49   | 12.95                            |
|               |            | 6165                   |       | 5.17                                 | 5.5  | N/A  | 4.49   | 12.84                            |
|               |            | 6405                   |       | 5.18                                 | 5.29 | N/A  | 1.29   | 9.54                             |
|               | 6          | 6445                   |       | 5.32                                 | 5.56 | N/A  | 1.29   | 9.74                             |
|               |            | 6485                   |       | 5.25                                 | 5.59 | N/A  | 1.29   | 9.72                             |
|               |            | 7                      |       | 6525                                 | 5.44 | 5.46   | N/A  | 1.29                             |
|               | 6685       |                        |       | 4.68                                 | 4.84 | N/A  | 1.29   | 9.06                             |
|               | 6845       |                        |       | 4.61                                 | 4.66 | N/A  | 3.07   | 10.72                            |
|               | 8          | 6885                   |       | 4.74                                 | 4.88 | N/A  | 3.07   | 10.89                            |
|               |            | 7005                   |       | 4.56                                 | 4.53 | N/A  | 3.07   | 10.63                            |
|               |            | 7085                   |       | 4.73                                 | 4.98 | N/A  | 3.07   | 10.94                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  | RU Index 66 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.33                                 | 5.36 | N/A  | 5.31        | 5.41 | N/A  | 4.49   | 12.86                            |
|               |            | 6145                   |       | 5.46                                 | 5.3  | N/A  | 5.45        | 5.29 | N/A  | 4.49   | 12.87                            |
|               |            | 6385                   |       | 5.03                                 | 5.12 | N/A  | 5.45        | 5.17 | N/A  | 1.29   | 9.61                             |
|               | 6          | 6465                   |       | 5.47                                 | 5.1  | N/A  | 5.3         | 5.44 | N/A  | 1.29   | 9.67                             |
|               |            | 6545                   |       | 5.17                                 | 5.61 | N/A  | 5.19        | 5.24 | N/A  | 1.29   | 9.52                             |
|               |            | 7                      |       | 6625                                 | 4.39 | 4.53   | N/A         | 4.29 | 4.45   | N/A  | 1.29                             |
|               | 6705       |                        |       | 4.49                                 | 4.46 | N/A  | 4.37        | 4.64 | N/A  | 1.29   | 8.81                             |
|               | 6785       |                        |       | 4.15                                 | 4.5  | N/A  | 4.33        | 4.68 | N/A  | 1.29   | 8.81                             |
|               | 8          | 6865                   |       | 4.28                                 | 4.62 | N/A  | 4.52        | 4.52 | N/A  | 3.07   | 10.60                            |
|               |            | 6945                   |       | 4.58                                 | 4.36 | N/A  | 4.3         | 4.58 | N/A  | 3.07   | 10.52                            |
|               |            | 7025                   |       | 4.22                                 | 4.51 | N/A  | 4.44        | 4.55 | N/A  | 3.07   | 10.58                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.98                                 | 5.44 | N/A   | 4.67        | 5.49 | N/A   | 4.49   | 12.60                            |
|                      |            | 6185                   |       | 5.05                                 | 5.3  | N/A   | 5.04        | 5.32 | N/A   | 4.49   | 12.68                            |
|                      |            | 6345                   |       | 4.93                                 | 5.19 | N/A   | 5.01        | 5.27 | N/A   | 1.29   | 9.44                             |
|                      | 6          | 6505                   |       | 5.23                                 | 5.12 | N/A   | 5.25        | 5.39 | N/A   | 1.29   | 9.62                             |
|                      |            | 7                      |       | 6665                                 | 3.96 | 4.53  | N/A         | 3.61 | 4.42  | N/A  | 1.29                             |
|                      | 8          |                        |       | 6825                                 | 3.96 | 4.47  | N/A         | 3.7  | 4.63  | N/A  | 3.07                             |
|                      |            | 6985                   |       | 4.25                                 | 4.42 | N/A   | 4.09        | 4.75 | N/A   | 3.07   | 10.51                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.81                                 | 5.42 | N/A   | 4.83         | 5.41 | N/A   | 4.49   | 12.63                            |
|                      |            | 6185                   |       | 4.81                                 | 5.36 | N/A   | 4.85         | 5.12 | N/A   | 4.49   | 12.49                            |
|                      |            | 6345                   |       | 4.62                                 | 5.19 | N/A   | 4.93         | 5.16 | N/A   | 1.29   | 9.35                             |
|                      | 6          | 6505                   |       | 5.06                                 | 5.45 | N/A   | 4.94         | 5.31 | N/A   | 1.29   | 9.43                             |
|                      |            | 7                      |       | 6665                                 | 3.99 | 4.52  | N/A          | 3.93 | 4.51  | N/A  | 1.29                             |
|                      | 8          |                        |       | 6825                                 | 3.97 | 4.56  | N/A          | 4.03 | 4.61  | N/A  | 3.07                             |
|                      |            | 6985                   |       | 4.09                                 | 4.41 | N/A   | 4.06         | 4.74 | N/A   | 3.07   | 10.49                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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



**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |   |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.25                                 | 6.58 | 0.159   | 4.49   | 14.59                            |
|               |            | 6145                   |       | 7.22                                 | 6.24 | 0.159   | 4.49   | 14.42                            |
|               |            | 6385                   |       | 7.49                                 | 6.52 | 0.159   | 1.29   | 11.49                            |
|               | 6          | 6465                   |       | 7.36                                 | 6.43 | 0.159   | 1.29   | 11.38                            |
|               |            | 6545                   |       | 7.41                                 | 6.35 | 0.159   | 1.29   | 11.37                            |
|               | 7          | 6625                   |       | 6.72                                 | 5.45 | 0.159   | 1.29   | 10.59                            |
|               |            | 6705                   |       | 6.44                                 | 5.37 | 0.159   | 1.29   | 10.40                            |
|               |            | 6785                   |       | 6.3                                  | 5.3  | 0.159   | 1.29   | 10.29                            |
|               | 8          | 6865                   |       | 6.14                                 | 5.3  | 0.159   | 3.07   | 11.98                            |
|               |            | 6945                   |       | 6.54                                 | 5.58 | 0.159   | 3.07   | 12.33                            |
|               |            | 7025                   |       | 6.71                                 | 5.73 | 0.159   | 3.07   | 12.49                            |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |   | RU Index S67 |      |   |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.57                                 | 6.67 | 0.159   | 7.34         | 6.68 | 0.159   | 4.49   | 14.68                            |
|                |            | 6185                   |       | 7.58                                 | 6.76 | 0.159   | 7.59         | 6.66 | 0.159   | 4.49   | 14.81                            |
|                |            | 6345                   |       | 7.76                                 | 6.81 | 0.159   | 7.58         | 6.81 | 0.159   | 1.29   | 11.67                            |
|                | 6          | 6505                   |       | 7.14                                 | 6.23 | 0.159   | 7.04         | 6.18 | 0.159   | 1.29   | 11.09                            |
|                |            | 6665                   |       | 6.95                                 | 5.69 | 0.159   | 6.75         | 5.61 | 0.159   | 1.29   | 10.68                            |
|                | 7          | 6825                   |       | 6.62                                 | 5.62 | 0.159   | 6.22         | 5.36 | 0.159   | 3.07   | 12.05                            |
|                |            | 6985                   |       | 6.58                                 | 5.72 | 0.159   | 6.48         | 5.75 | 0.159   | 3.07   | 12.37                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

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

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

**Test SKU: SKU #3 [with (INPAQ) WA-P-LBLB-04-108 Antenna]**

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |       | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |   |                                       |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.65                                 | 1.17  | N/A                               | 4.28                                    | 8.71                                  | 24dBm |
|                 |            | 6175                   | 1.45                                 | 1.19  |                                   | 4.28                                    | 8.61                                  |       |
|                 |            | 6415                   | 1.37                                 | 1.22  |                                   | 4.28                                    | 8.59                                  |       |
|                 | 6          | 6435                   | 1.33                                 | 1.31  |                                   | 0.11                                    | 4.44                                  |       |
|                 |            | 6475                   | 1.60                                 | 1.41  |                                   | 0.11                                    | 4.63                                  |       |
|                 |            | 6515                   | 1.41                                 | 1.30  |                                   | 0.11                                    | 4.48                                  |       |
|                 | 7          | 6535                   | 0.77                                 | 0.58  |                                   | 2.24                                    | 5.93                                  |       |
|                 |            | 6695                   | 0.85                                 | 0.10  |                                   | 2.24                                    | 5.74                                  |       |
|                 |            | 6855                   | 0.97                                 | 0.09  |                                   | 2.24                                    | 5.80                                  |       |
|                 | 8          | 6875                   | 1.04                                 | 0.25  |                                   | 2.24                                    | 5.91                                  |       |
|                 |            | 6995                   | 0.83                                 | 0.12  |                                   | 1.26                                    | 4.76                                  |       |
|                 |            | 7115                   | -3.53                                | -2.88 |                                   | 1.26                                    | 1.08                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.10                                 | 5.23  | N/A                               | 4.28                                    | 12.46                                 | 24dBm |
|                 |            | 6165                   | 5.06                                 | 5.05  |                                   | 4.28                                    | 12.35                                 |       |
|                 |            | 6405                   | 4.82                                 | 4.92  |                                   | 4.28                                    | 12.16                                 |       |
|                 | 6          | 6445                   | 4.94                                 | 5.31  |                                   | 0.11                                    | 8.25                                  |       |
|                 |            | 6485                   | 5.12                                 | 5.18  |                                   | 0.11                                    | 8.27                                  |       |
|                 | 7          | 6525                   | 5.15                                 | 5.18  |                                   | 2.24                                    | 10.42                                 |       |
|                 |            | 6685                   | 4.36                                 | 4.16  |                                   | 2.24                                    | 9.51                                  |       |
|                 |            | 6845                   | 4.51                                 | 4.07  |                                   | 2.24                                    | 9.55                                  |       |
|                 | 8          | 6885                   | 4.49                                 | 4.15  |                                   | 1.26                                    | 8.59                                  |       |
|                 |            | 7005                   | 4.46                                 | 4.09  |                                   | 1.26                                    | 8.55                                  |       |
|                 |            | 7085                   | 4.57                                 | 4.35  |                                   | 1.26                                    | 8.73                                  |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain = 10 log<sub>10</sub>[(10<sup>G1/10</sup> + 10<sup>G2/10</sup> + ... + 10<sup>GN/10</sup>)/N<sub>ANT</sub>] dBi

Directional gain:

5925-6425MHz: Directional gain = 10 log<sub>10</sub>[(10<sup>3.70/10</sup> + 10<sup>4.80/10</sup>)/2]= 4.28dBi

6425-6525MHz: Directional gain = 10 log<sub>10</sub>[(10<sup>-1.00/10</sup> + 10<sup>1.00/10</sup>)/2]= 0.11dBi

6525-6875MHz: Directional gain = 10 log<sub>10</sub>[(10<sup>2.86/10</sup> + 10<sup>1.60/10</sup>)/2]= 0.24dBi

6875-7125MHz: Directional gain = 10 log<sub>10</sub>[(10<sup>-1.40/10</sup> + 10<sup>2.90/10</sup>)/2]= 1.26dBi

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

3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Modulation Type | U-NII Band | Centre Frequency (MHz) | Average Coneduted Output Power (dBm) |      | Duty Cycle Factor (dB) 10log(1/X) | Directional Gain (dBi) <sup>Note3</sup> | Total E.I.R.P. (dBm) <sup>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|------|-----------------------------------|---|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main |                                   |   |                                       |       |
| 802.11ax-HE80   | 5          | 5985                   | 6.78                                 | 6.35 | N/A                               | 4.28                                    | 13.86                                 | 24dBm |
|                 |            | 6145                   | 6.55                                 | 6.06 |                                   | 4.28                                    | 13.60                                 |       |
|                 |            | 6385                   | 7.02                                 | 6.34 |                                   | 4.28                                    | 13.98                                 |       |
|                 | 6          | 6465                   | 7.16                                 | 6.18 |                                   | 0.11                                    | 9.82                                  |       |
|                 |            | 6545                   | 6.92                                 | 6.16 |                                   | 2.24                                    | 11.81                                 |       |
|                 |            | 6625                   | 6.01                                 | 5.33 |                                   | 2.24                                    | 10.93                                 |       |
|                 | 7          | 6705                   | 5.97                                 | 5.25 |                                   | 2.24                                    | 10.88                                 |       |
|                 |            | 6785                   | 5.94                                 | 5.02 |                                   | 2.24                                    | 10.75                                 |       |
|                 |            | 6865                   | 6.02                                 | 5.02 |                                   | 2.24                                    | 10.80                                 |       |
|                 | 8          | 6945                   | 5.94                                 | 5.29 |                                   | 1.26                                    | 9.90                                  |       |
|                 |            | 7025                   | 6.10                                 | 5.53 |                                   | 1.26                                    | 10.09                                 |       |
|                 |            | 7105                   | 6.10                                 | 5.53 |                                   | 1.26                                    | 10.09                                 |       |
| 802.11ax-HE160  | 5          | 6025                   | 9.88                                 | 9.03 | N/A                               | 4.28                                    | 16.77                                 |       |
|                 |            | 6185                   | 9.69                                 | 8.99 |                                   | 4.28                                    | 16.64                                 |       |
|                 |            | 6345                   | 10.09                                | 9.20 |                                   | 4.28                                    | 16.96                                 |       |
|                 | 6          | 6505                   | 9.68                                 | 9.05 |                                   | 0.11                                    | 12.50                                 |       |
|                 |            | 6665                   | 8.79                                 | 7.95 |                                   | 2.24                                    | 13.64                                 |       |
|                 | 7          | 6825                   | 8.92                                 | 8.04 |                                   | 2.24                                    | 13.75                                 |       |
|                 |            | 6985                   | 9.01                                 | 8.28 |                                   | 1.26                                    | 12.93                                 |       |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. 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:  
 5925-6425MHz: Directional gain =  $10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28$  dBi  
 6425-6525MHz: Directional gain =  $10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11$  dBi  
 6525-6875MHz: Directional gain =  $10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24$  dBi  
 6875-7125MHz: Directional gain =  $10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26$  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).  
 3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

● OFDMA Modulation

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |            |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 4 |       |   | RU Index 8 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.09                                | -5.87 | 0.223   | -6.09      | -5.87 | 0.223   | -6.20      | -6.00 | 0.223   | 4.28   | 1.53                             |
|               |            | 6175                   |       | -7.47                                | -7.64 | 0.223   | -7.16      | -7.40 | 0.223   | -7.48      | -7.73 | 0.223   | 4.28   | 0.23                             |
|               |            | 6415                   |       | -7.61                                | -8.16 | 0.223   | -7.62      | -7.97 | 0.223   | -8.03      | -8.28 | 0.223   | 4.28   | -0.28                            |
|               | 6          | 6435                   |       | -7.59                                | -8.04 | 0.223   | -7.74      | -7.79 | 0.223   | -7.83      | -8.07 | 0.223   | 0.11   | -4.42                            |
|               |            | 6475                   |       | -7.97                                | -8.06 | 0.223   | -7.76      | -8.03 | 0.223   | -8.02      | -8.27 | 0.223   | 0.11   | -4.55                            |
|               |            | 6515                   |       | -8.14                                | -8.27 | 0.223   | -7.87      | -8.22 | 0.223   | -8.29      | -8.45 | 0.223   | 0.11   | -4.70                            |
|               | 7          | 6535                   |       | -8.79                                | -9.16 | 0.223   | -8.78      | -9.04 | 0.223   | -9.17      | -9.38 | 0.223   | 2.24   | -3.43                            |
|               |            | 6695                   |       | -9.41                                | -9.08 | 0.223   | -9.20      | -8.71 | 0.223   | -9.54      | -8.93 | 0.223   | 2.24   | -3.47                            |
|               |            | 6855                   |       | -8.87                                | -8.70 | 0.223   | -8.94      | -8.40 | 0.223   | -9.01      | -8.75 | 0.223   | 2.24   | -3.19                            |
|               | 8          | 6875                   |       | -9.16                                | -8.85 | 0.223   | -9.18      | -8.55 | 0.223   | -9.33      | -8.78 | 0.223   | 2.24   | -3.38                            |
|               |            | 6995                   |       | -8.10                                | -8.03 | 0.223   | -7.90      | -7.88 | 0.223   | -8.13      | -7.98 | 0.223   | 1.26   | -3.40                            |
|               |            | 7115                   |       | -7.93                                | -7.68 | 0.223   | -7.80      | -7.46 | 0.223   | -7.96      | -7.71 | 0.223   | 1.26   | -3.13                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |   |            |       |   |             |       |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---|------------|-------|---|-------------|-------|---|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |   | RU Index 8 |       |   | RU Index 17 |       |   |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX        | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.26                                | -5.90 | 0.223   | -5.94      | -5.97 | 0.223   | -6.02       | -5.99 | 0.223   | 4.28   | 1.56                             |
|               |            | 6165                   |       | -7.11                                | -7.50 | 0.223   | -7.16      | -7.67 | 0.223   | -7.30       | -7.50 | 0.223   | 4.28   | 0.21                             |
|               |            | 6405                   |       | -7.59                                | -7.98 | 0.223   | -7.78      | -8.11 | 0.223   | -7.87       | -8.13 | 0.223   | 4.28   | -0.27                            |
|               | 6          | 6445                   |       | -7.73                                | -7.83 | 0.223   | -8.02      | -8.04 | 0.223   | -7.92       | -8.18 | 0.223   | 0.11   | -4.44                            |
|               |            | 6485                   |       | -8.01                                | -8.03 | 0.223   | -8.16      | -8.25 | 0.223   | -8.16       | -8.31 | 0.223   | 0.11   | -4.68                            |
|               |            | 6525                   |       | -8.12                                | -8.34 | 0.223   | -8.25      | -8.43 | 0.223   | -8.21       | -8.53 | 0.223   | 2.24   | -2.76                            |
|               | 7          | 6685                   |       | -9.38                                | -8.98 | 0.223   | -9.45      | -9.08 | 0.223   | -9.38       | -9.04 | 0.223   | 2.24   | -3.70                            |
|               |            | 6845                   |       | -8.81                                | -8.45 | 0.223   | -8.93      | -8.57 | 0.223   | -9.12       | -8.62 | 0.223   | 2.24   | -3.15                            |
|               |            | 6885                   |       | -9.18                                | -8.76 | 0.223   | -9.26      | -8.76 | 0.223   | -9.29       | -9.18 | 0.223   | 1.26   | -4.47                            |
|               | 8          | 7005                   |       | -7.98                                | -8.03 | 0.223   | -8.23      | -8.12 | 0.223   | -8.28       | -8.15 | 0.223   | 1.26   | -3.51                            |
|               |            | 7085                   |       | -7.63                                | -7.39 | 0.223   | -7.72      | -7.57 | 0.223   | -8.62       | -8.36 | 0.223   | 1.26   | -3.02                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 0                           |       |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.17                                | -5.78 | 0.223  | 1.54        | -7.00 | 0.223  | -6.27       | -6.15 | 0.223  | 4.28   | 2.05                             |
|               |            | 6145                   |       | -7.11                                | -7.16 | 0.223  | 0.38        | -7.00 | 0.223  | -7.69       | -7.66 | 0.223  | 4.28   | 0.68                             |
|               |            | 6385                   |       | -7.62                                | -7.91 | 0.223  | -0.25       | -7.00 | 0.223  | -8.07       | -8.23 | 0.223  | 4.28   | 0.24                             |
|               | 6          | 6465                   |       | -8.31                                | -7.97 | 0.223  | -4.79       | -7.00 | 0.223  | -8.52       | -8.42 | 0.223  | 0.11   | -4.31                            |
|               |            | 6545                   |       | -8.46                                | -8.32 | 0.223  | -2.92       | -7.00 | 0.223  | -9.04       | -8.82 | 0.223  | 2.24   | -2.60                            |
|               | 7          | 6625                   |       | -9.82                                | -9.13 | 0.223  | -3.99       | -7.75 | 0.223  | -9.95       | -8.94 | 0.223  | 2.24   | -3.21                            |
|               |            | 6705                   |       | -9.78                                | -8.97 | 0.223  | -3.88       | -7.75 | 0.223  | -10.06      | -9.03 | 0.223  | 2.24   | -3.36                            |
|               |            | 6785                   |       | -8.95                                | -8.53 | 0.223  | -3.26       | -7.75 | 0.223  | -9.17       | -8.55 | 0.223  | 2.24   | -2.67                            |
|               | 8          | 6865                   |       | -9.23                                | -8.55 | 0.223  | -3.40       | -7.75 | 0.223  | -9.85       | -9.05 | 0.223  | 2.24   | -2.87                            |
|               |            | 6945                   |       | -8.15                                | -7.45 | 0.223  | -3.29       | -7.75 | 0.223  | -8.64       | -8.01 | 0.223  | 1.26   | -2.79                            |
|               |            | 7025                   |       | -8.40                                | -8.12 | 0.223  | -3.76       | -7.75 | 0.223  | -8.98       | -8.49 | 0.223  | 1.26   | -3.33                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 0                           |        |  | RU Index 18 |       |  | RU Index 36 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.79                                | -7.96  | 0.223  | -6.40       | -6.62 | 0.223  | -6.23       | -5.84 | 0.223  | 4.28   | 1.48                             |
|                      |            | 6185                   |       | -9.05                                | -8.61  | 0.223  | -7.85       | -7.61 | 0.223  | -7.41       | -7.24 | 0.223  | 4.28   | 0.19                             |
|                      |            | 6345                   |       | -9.59                                | -8.81  | 0.223  | -8.27       | -7.65 | 0.223  | -7.93       | -7.21 | 0.223  | 4.28   | -0.04                            |
|                      | 6          | 6505                   |       | -9.76                                | -9.38  | 0.223  | -8.74       | -8.29 | 0.223  | -8.17       | -7.99 | 0.223  | 0.11   | -4.74                            |
|                      |            | 6665                   |       | -10.70                               | -10.94 | 0.223  | -9.37       | -9.61 | 0.223  | -9.11       | -9.33 | 0.223  | 2.24   | -3.75                            |
|                      | 7          | 6825                   |       | -10.00                               | -10.24 | 0.223  | -8.77       | -9.06 | 0.223  | -8.26       | -8.66 | 0.223  | 2.24   | -2.98                            |
|                      |            | 6985                   |       | -9.29                                | -9.28  | 0.223  | -8.36       | -8.54 | 0.223  | -7.96       | -7.77 | 0.223  | 1.26   | -3.37                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |        |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|--------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S0                          |       |  | RU Index S18 |       |  | RU Index S36 |        |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.04                                | -5.89 | 0.223  | -6.81        | -6.55 | 0.223  | -8.45        | -7.98  | 0.223  | 4.28   | 1.55                             |
|                      |            | 6185                   |       | -7.54                                | -7.18 | 0.223  | -7.97        | -7.75 | 0.223  | -9.42        | -9.27  | 0.223  | 4.28   | 0.16                             |
|                      |            | 6345                   |       | -7.84                                | -7.31 | 0.223  | -8.19        | -7.84 | 0.223  | -9.97        | -9.60  | 0.223  | 4.28   | -0.05                            |
|                      | 6          | 6505                   |       | -8.04                                | -8.05 | 0.223  | -8.99        | -8.70 | 0.223  | -10.64       | -10.35 | 0.223  | 0.11   | -4.70                            |
|                      |            | 6665                   |       | -8.83                                | -9.29 | 0.223  | -9.21        | -9.87 | 0.223  | -10.54       | -11.16 | 0.223  | 2.24   | -3.58                            |
|                      | 7          | 6825                   |       | -8.29                                | -8.77 | 0.223  | -8.98        | -9.47 | 0.223  | -10.66       | -11.01 | 0.223  | 2.24   | -3.05                            |
|                      |            | 6985                   |       | -7.92                                | -7.99 | 0.223  | -8.53        | -8.69 | 0.223  | -10.04       | -10.32 | 0.223  | 1.26   | -3.46                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 52T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |  | RU Index 39 |       |  | RU Index 40 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -2.97                                | -2.55 | 0.119  | -2.65       | -2.62 | 0.119  | -2.80       | -2.76 | 0.119  | 4.28   | 4.774                            |
|               |            | 6175                   |       | -3.98                                | -4.40 | 0.119  | -4.08       | -4.17 | 0.119  | -4.17       | -4.42 | 0.119  | 4.28   | 3.285                            |
|               |            | 6415                   |       | -4.31                                | -4.82 | 0.119  | -4.32       | -4.98 | 0.119  | -4.70       | -5.00 | 0.119  | 4.28   | 2.852                            |
|               | 6          | 6435                   |       | -4.63                                | -4.85 | 0.119  | -4.53       | -4.78 | 0.119  | -4.69       | -4.88 | 0.119  | 0.11   | -1.414                           |
|               |            | 6475                   |       | -4.75                                | -4.96 | 0.119  | -4.87       | -4.91 | 0.119  | -4.81       | -4.92 | 0.119  | 0.11   | -1.614                           |
|               |            | 6515                   |       | -4.80                                | -5.15 | 0.119  | -4.75       | -5.12 | 0.119  | -4.84       | -5.13 | 0.119  | 0.11   | -1.692                           |
|               | 7          | 6535                   |       | -5.64                                | -5.86 | 0.119  | -5.74       | -6.01 | 0.119  | -5.87       | -5.96 | 0.119  | 2.24   | -0.379                           |
|               |            | 6695                   |       | -6.21                                | -5.72 | 0.119  | -6.03       | -5.67 | 0.119  | -6.14       | -5.79 | 0.119  | 2.24   | -0.477                           |
|               |            | 6855                   |       | -5.71                                | -5.41 | 0.119  | -5.79       | -5.46 | 0.119  | -5.82       | -5.45 | 0.119  | 2.24   | -0.188                           |
|               | 8          | 6875                   |       | -6.03                                | -5.61 | 0.119  | -5.85       | -5.52 | 0.119  | -6.05       | -5.61 | 0.119  | 2.24   | -0.313                           |
|               |            | 6995                   |       | -4.98                                | -4.74 | 0.119  | -4.93       | -4.83 | 0.119  | -5.13       | -4.93 | 0.119  | 1.26   | -0.469                           |
|               |            | 7115                   |       | -4.70                                | -4.54 | 0.119  | -4.61       | -4.42 | 0.119  | -8.49       | -8.22 | 0.119  | 1.26   | -0.125                           |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |  | RU Index 40 |       |  | RU Index 44 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.19                                | -2.71 | 0.119  | -2.96       | -2.95 | 0.119  | -3.14       | -2.83 | 0.119  | 4.28   | 4.47                             |
|               |            | 6165                   |       | -4.07                                | -4.43 | 0.119  | -3.99       | -4.40 | 0.119  | -4.25       | -4.51 | 0.119  | 4.28   | 3.22                             |
|               |            | 6405                   |       | -4.41                                | -5.02 | 0.119  | -4.52       | -4.99 | 0.119  | -4.71       | -5.10 | 0.119  | 4.28   | 2.71                             |
|               | 6          | 6445                   |       | -4.82                                | -4.83 | 0.119  | -4.75       | -4.90 | 0.119  | -4.71       | -5.02 | 0.119  | 0.11   | -1.59                            |
|               |            | 6485                   |       | -4.80                                | -5.03 | 0.119  | -4.77       | -5.07 | 0.119  | -4.71       | -5.16 | 0.119  | 0.11   | -1.67                            |
|               |            | 6525                   |       | -5.09                                | -5.20 | 0.119  | -5.14       | -5.32 | 0.119  | -5.11       | -5.30 | 0.119  | 2.24   | 0.22                             |
|               | 7          | 6685                   |       | -6.19                                | -5.83 | 0.119  | -6.21       | -5.84 | 0.119  | -6.28       | -5.87 | 0.119  | 2.24   | -0.64                            |
|               |            | 6845                   |       | -5.73                                | -5.44 | 0.119  | -5.89       | -5.41 | 0.119  | -6.00       | -5.61 | 0.119  | 2.24   | -0.21                            |
|               |            | 6885                   |       | -5.95                                | -5.69 | 0.119  | -6.21       | -5.65 | 0.119  | -6.18       | -5.99 | 0.119  | 1.26   | -1.43                            |
|               | 8          | 7005                   |       | -4.95                                | -4.74 | 0.119  | -5.07       | -4.95 | 0.119  | -5.15       | -5.01 | 0.119  | 1.26   | -0.45                            |
|               |            | 7085                   |       | -4.60                                | -4.26 | 0.119  | -4.61       | -4.51 | 0.119  | -4.77       | -4.50 | 0.119  | 1.26   | -0.04                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -2.85                                | -3.22 | 0.119  | -2.49       | -2.74 | 0.119  | -3.12       | -3.25 | 0.119  | 4.28   | 4.80                             |
|               |            | 6145                   |       | -4.14                                | -4.06 | 0.119  | -3.81       | -3.86 | 0.119  | -4.55       | -4.66 | 0.119  | 4.28   | 3.57                             |
|               |            | 6385                   |       | -4.86                                | -4.64 | 0.119  | -4.53       | -4.38 | 0.119  | -5.43       | -5.32 | 0.119  | 4.28   | 2.95                             |
|               | 6          | 6465                   |       | -5.11                                | -5.40 | 0.119  | -4.87       | -5.02 | 0.119  | -5.39       | -5.75 | 0.119  | 0.11   | -1.71                            |
|               |            | 6545                   |       | -5.37                                | -5.65 | 0.119  | -5.20       | -5.33 | 0.119  | -5.78       | -6.14 | 0.119  | 2.24   | 0.10                             |
|               | 7          | 6625                   |       | -5.93                                | -6.71 | 0.119  | -5.75       | -6.36 | 0.119  | -6.19       | -7.14 | 0.119  | 2.24   | -0.67                            |
|               |            | 6705                   |       | -6.08                                | -6.95 | 0.119  | -5.49       | -6.61 | 0.119  | -5.98       | -7.22 | 0.119  | 2.24   | -0.64                            |
|               |            | 6785                   |       | -5.42                                | -6.27 | 0.119  | -5.18       | -5.86 | 0.119  | -5.48       | -6.49 | 0.119  | 2.24   | -0.14                            |
|               | 8          | 6865                   |       | -5.60                                | -6.55 | 0.119  | -5.18       | -6.30 | 0.119  | -6.11       | -7.17 | 0.119  | 2.24   | -0.33                            |
|               |            | 6945                   |       | -4.94                                | -5.39 | 0.119  | -4.16       | -5.07 | 0.119  | -5.10       | -5.62 | 0.119  | 1.26   | -0.20                            |
|               |            | 7025                   |       | -5.07                                | -5.87 | 0.119  | -4.89       | -5.46 | 0.119  | -5.53       | -6.22 | 0.119  | 1.26   | -0.78                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 37                          |       |  | RU Index 44 |       |  | RU Index 52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.34                                | -4.44 | 0.119  | -3.33       | -3.45 | 0.119  | -2.91       | -2.71 | 0.119  | 4.28   | 4.60                             |
|                      |            | 6185                   |       | -5.79                                | -5.27 | 0.119  | -4.61       | -4.34 | 0.119  | -4.25       | -4.04 | 0.119  | 4.28   | 3.27                             |
|                      |            | 6345                   |       | -6.22                                | -5.82 | 0.119  | -5.14       | -4.49 | 0.119  | -4.54       | -4.04 | 0.119  | 4.28   | 3.13                             |
|                      | 6          | 6505                   |       | -6.54                                | -6.46 | 0.119  | -5.49       | -5.38 | 0.119  | -5.15       | -4.96 | 0.119  | 0.11   | -1.81                            |
|                      |            | 6665                   |       | -7.40                                | -7.87 | 0.119  | -6.16       | -6.70 | 0.119  | -5.78       | -6.25 | 0.119  | 2.24   | -0.64                            |
|                      | 7          | 6825                   |       | -6.91                                | -7.32 | 0.119  | -5.75       | -6.20 | 0.119  | -5.28       | -5.81 | 0.119  | 2.24   | -0.17                            |
|                      |            | 6985                   |       | -5.83                                | -6.37 | 0.119  | -5.04       | -5.31 | 0.119  | -4.68       | -4.94 | 0.119  | 1.26   | -0.42                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S37                         |       |  | RU Index S44 |       |  | RU Index S52 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -2.99                                | -3.05 | 0.119  | -3.59        | -3.41 | 0.119  | -5.34        | -4.80 | 0.119  | 4.28   | 4.39                             |
|                      |            | 6185                   |       | -4.45                                | -3.99 | 0.119  | -4.92        | -4.59 | 0.119  | -6.25        | -6.30 | 0.119  | 4.28   | 3.20                             |
|                      |            | 6345                   |       | -4.57                                | -4.28 | 0.119  | -5.09        | -4.71 | 0.119  | -6.96        | -6.27 | 0.119  | 4.28   | 2.99                             |
|                      | 6          | 6505                   |       | -4.95                                | -4.96 | 0.119  | -5.92        | -5.48 | 0.119  | -7.40        | -7.15 | 0.119  | 0.11   | -1.72                            |
|                      |            | 6665                   |       | -5.87                                | -6.33 | 0.119  | -6.26        | -6.72 | 0.119  | -7.51        | -8.10 | 0.119  | 2.24   | -0.72                            |
|                      | 7          | 6825                   |       | -5.17                                | -5.91 | 0.119  | -5.91        | -6.40 | 0.119  | -7.51        | -8.03 | 0.119  | 2.24   | -0.15                            |
|                      |            | 6985                   |       | -4.62                                | -5.15 | 0.119  | -5.43        | -5.56 | 0.119  | -7.14        | -7.13 | 0.119  | 1.26   | -0.49                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 106T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 54 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.24                                 | 0.33  | N/A  | 0.10        | 0.22  | N/A  | 4.28   | 7.58                             |
|               |            | 6175                   |       | -0.77                                | -1.14 | N/A  | -0.96       | -1.27 | N/A  | 4.28   | 6.34                             |
|               |            | 6415                   |       | -1.25                                | -1.92 | N/A  | -1.40       | -1.94 | N/A  | 4.28   | 5.72                             |
|               | 6          | 6435                   |       | -1.59                                | -1.69 | N/A  | -1.41       | -1.58 | N/A  | 0.11   | 1.63                             |
|               |            | 6475                   |       | -1.51                                | -1.83 | N/A  | -1.78       | -1.81 | N/A  | 0.11   | 1.45                             |
|               |            | 6515                   |       | -1.66                                | -1.92 | N/A  | -1.67       | -2.07 | N/A  | 0.11   | 1.33                             |
|               | 7          | 6535                   |       | -2.59                                | -2.94 | N/A  | -2.74       | -3.02 | N/A  | 2.24   | 2.49                             |
|               |            | 6695                   |       | -3.27                                | -2.88 | N/A  | -3.05       | -2.75 | N/A  | 2.24   | 2.35                             |
|               |            | 6855                   |       | -2.61                                | -2.23 | N/A  | -2.84       | -2.35 | N/A  | 2.24   | 2.83                             |
|               | 8          | 6875                   |       | -2.75                                | -2.54 | N/A  | -2.83       | -2.59 | N/A  | 2.24   | 2.61                             |
|               |            | 6995                   |       | -1.75                                | -1.72 | N/A  | -1.89       | -1.71 | N/A  | 1.26   | 2.54                             |
|               |            | 7115                   |       | -1.59                                | -1.45 | N/A  | -8.63       | -8.16 | N/A  | 1.26   | 2.75                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 54 |       |  | RU Index 56 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | 0.06                                 | 0.12  | N/A  | 0.00        | 0.24  | N/A  | 0.22        | 0.03  | N/A  | 4.28   | 7.42                             |
|               |            | 6165                   |       | -1.04                                | -1.32 | N/A  | -1.14       | -1.41 | N/A  | -1.24       | -1.44 | N/A  | 4.28   | 6.11                             |
|               |            | 6405                   |       | -1.33                                | -1.99 | N/A  | -1.43       | -1.93 | N/A  | -1.64       | -2.03 | N/A  | 4.28   | 5.64                             |
|               | 6          | 6445                   |       | -1.71                                | -1.89 | N/A  | -1.42       | -1.71 | N/A  | -1.50       | -1.92 | N/A  | 0.11   | 1.56                             |
|               |            | 6485                   |       | -1.76                                | -1.91 | N/A  | -1.71       | -1.96 | N/A  | -1.94       | -2.11 | N/A  | 0.11   | 1.29                             |
|               |            | 6525                   |       | -1.79                                | -2.16 | N/A  | -1.85       | -2.21 | N/A  | -1.93       | -2.42 | N/A  | 2.24   | 3.28                             |
|               | 7          | 6685                   |       | -3.25                                | -2.90 | N/A  | -3.31       | -2.71 | N/A  | -3.14       | -2.78 | N/A  | 2.24   | 2.29                             |
|               |            | 6845                   |       | -2.68                                | -2.35 | N/A  | -2.89       | -2.36 | N/A  | -3.07       | -2.50 | N/A  | 2.24   | 2.74                             |
|               |            | 6885                   |       | -3.05                                | -2.62 | N/A  | -2.97       | -2.56 | N/A  | -3.28       | -2.83 | N/A  | 1.26   | 1.51                             |
|               | 8          | 7005                   |       | -1.99                                | -1.85 | N/A  | -1.79       | -1.89 | N/A  | -2.19       | -2.02 | N/A  | 1.26   | 2.43                             |
|               |            | 7085                   |       | -1.57                                | -1.34 | N/A  | -1.66       | -1.42 | N/A  | -1.76       | -1.44 | N/A  | 1.26   | 2.82                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.



| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | 0.00                                 | -0.20 | N/A  | 0.51        | 0.16  | N/A  | -0.33       | -0.32 | N/A  | 4.28   | 7.63                             |
|               |            | 6145                   |       | -1.35                                | -1.20 | N/A  | -1.19       | -0.93 | N/A  | -1.55       | -1.61 | N/A  | 4.28   | 6.23                             |
|               |            | 6385                   |       | -2.01                                | -1.91 | N/A  | -1.83       | -1.52 | N/A  | -2.36       | -2.27 | N/A  | 4.28   | 5.62                             |
|               | 6          | 6465                   |       | -2.07                                | -2.42 | N/A  | -1.64       | -2.21 | N/A  | -2.17       | -2.61 | N/A  | 0.11   | 1.20                             |
|               |            | 6545                   |       | -2.16                                | -2.76 | N/A  | -2.13       | -2.53 | N/A  | -2.85       | -3.12 | N/A  | 2.24   | 2.92                             |
|               |            | 6625                   |       | -3.12                                | -3.92 | N/A  | -2.65       | -3.58 | N/A  | -3.00       | -4.13 | N/A  | 2.24   | 2.16                             |
|               | 7          | 6705                   |       | -2.95                                | -4.14 | N/A  | -2.51       | -3.76 | N/A  | -2.96       | -4.25 | N/A  | 2.24   | 2.16                             |
|               |            | 6785                   |       | -1.87                                | -2.86 | N/A  | -1.63       | -2.65 | N/A  | -2.37       | -3.30 | N/A  | 2.24   | 3.14                             |
|               |            | 6865                   |       | -2.29                                | -3.28 | N/A  | -2.21       | -3.17 | N/A  | -2.72       | -3.78 | N/A  | 2.24   | 2.59                             |
|               | 8          | 6945                   |       | -1.44                                | -2.05 | N/A  | -1.11       | -1.79 | N/A  | -2.08       | -2.43 | N/A  | 1.26   | 2.83                             |
|               |            | 7025                   |       | -2.03                                | -2.38 | N/A  | -1.61       | -2.39 | N/A  | -2.48       | -2.82 | N/A  | 1.26   | 2.29                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|-------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 53                          |       |  | RU Index 56 |       |  | RU Index 60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.36                                | -1.34 | N/A  | -0.38       | -0.31 | N/A  | 0.03        | 0.23  | N/A  | 4.28   | 7.42                             |
|                      |            | 6185                   |       | -2.52                                | -2.17 | N/A  | -1.51       | -1.43 | N/A  | -1.30       | -1.14 | N/A  | 4.28   | 6.07                             |
|                      |            | 6345                   |       | -3.32                                | -2.37 | N/A  | -2.18       | -1.42 | N/A  | -1.64       | -1.17 | N/A  | 4.28   | 5.89                             |
|                      | 6          | 6505                   |       | -3.23                                | -3.23 | N/A  | -2.24       | -2.22 | N/A  | -1.99       | -1.82 | N/A  | 0.11   | 1.22                             |
|                      |            | 6665                   |       | -4.37                                | -4.55 | N/A  | -3.56       | -3.56 | N/A  | -2.77       | -3.05 | N/A  | 2.24   | 2.34                             |
|                      |            | 6825                   |       | -3.81                                | -3.88 | N/A  | -3.13       | -3.01 | N/A  | -2.46       | -2.42 | N/A  | 2.24   | 2.81                             |
|                      | 8          | 6985                   |       | -2.79                                | -2.88 | N/A  | -1.94       | -2.03 | N/A  | -1.64       | -1.70 | N/A  | 1.26   | 2.60                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |              |       |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|--|--------------|-------|--|--------------|-------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S53                         |       |  | RU Index S56 |       |  | RU Index S60 |       |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | 0.10                                 | 0.19  | N/A  | -0.60        | -0.21 | N/A  | -2.24        | -1.80 | N/A  | 4.28   | 7.44                             |
|                      |            | 6185                   |       | -1.37                                | -0.87 | N/A  | -1.67        | -1.55 | N/A  | -3.23        | -3.07 | N/A  | 4.28   | 6.18                             |
|                      |            | 6345                   |       | -1.51                                | -1.10 | N/A  | -2.02        | -1.66 | N/A  | -3.51        | -3.08 | N/A  | 4.28   | 5.99                             |
|                      | 6          | 6505                   |       | -2.08                                | -1.83 | N/A  | -2.47        | -2.41 | N/A  | -3.99        | -4.00 | N/A  | 0.11   | 1.17                             |
|                      |            | 6665                   |       | -3.04                                | -3.28 | N/A  | -3.65        | -3.70 | N/A  | -5.02        | -4.96 | N/A  | 2.24   | 2.09                             |
|                      |            | 6825                   |       | -2.47                                | -2.29 | N/A  | -3.14        | -2.98 | N/A  | -4.45        | -4.62 | N/A  | 2.24   | 2.87                             |
|                      | 8          | 6985                   |       | -1.71                                | -1.57 | N/A  | -2.35        | -2.16 | N/A  | -3.86        | -3.62 | N/A  | 1.26   | 2.63                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 242T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.95                                 | 2.4  | 0.15   | 4.28   | 9.62                             |
|               |            | 6175                   |       | 1.88                                 | 2.28 | 0.15   | 4.28   | 9.52                             |
|               |            | 6415                   |       | 1.83                                 | 2.37 | 0.15   | 4.28   | 9.55                             |
|               | 6          | 6435                   |       | 1.18                                 | 1.72 | 0.15   | 0.11   | 4.73                             |
|               |            | 6475                   |       | 1.43                                 | 1.68 | 0.15   | 0.11   | 4.83                             |
|               |            | 6515                   |       | 1.67                                 | 1.72 | 0.15   | 0.11   | 4.97                             |
|               | 7          | 6535                   |       | 1.38                                 | 1.43 | 0.15   | 2.24   | 6.81                             |
|               |            | 6695                   |       | 1.62                                 | 1.52 | 0.15   | 2.24   | 6.97                             |
|               |            | 6855                   |       | 1.53                                 | 1.67 | 0.15   | 2.24   | 7.00                             |
|               | 8          | 6875                   |       | 0.88                                 | 0.99 | 0.15   | 2.24   | 6.34                             |
|               |            | 6995                   |       | 0.76                                 | 0.8  | 0.15   | 1.26   | 5.20                             |
|               |            | 7115                   |       | -2.98                                | -2.8 | 0.15   | 1.26   | 1.53                             |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |  |             |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|--|-------------|-------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |       |  | RU Index 62 |       |  |  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.92                                 | 1.17  | 0.15   | 1.72        | 1.07  | 0.15   | 4.28   | 9.00                             |
|               |            | 6165                   |       | 1.56                                 | 1.24  | 0.15   | 1.47        | 0.97  | 0.15   | 4.28   | 8.84                             |
|               |            | 6405                   |       | 1.62                                 | 1.25  | 0.15   | 1.63        | 1.35  | 0.15   | 4.28   | 8.93                             |
|               | 6          | 6445                   |       | 1.02                                 | 0.95  | 0.15   | 1.22        | 0.96  | 0.15   | 0.11   | 4.36                             |
|               |            | 6485                   |       | 1.17                                 | 0.77  | 0.15   | 1.02        | 1.33  | 0.15   | 0.11   | 4.45                             |
|               | 7          | 6525                   |       | 1.39                                 | 0.82  | 0.15   | 2.05        | 1.34  | 0.15   | 2.24   | 7.11                             |
|               |            | 6685                   |       | 1.04                                 | 0.13  | 0.15   | 1.25        | 0.17  | 0.15   | 2.24   | 6.14                             |
|               |            | 6845                   |       | 1.04                                 | -0.02 | 0.15   | 1.16        | 0.09  | 0.15   | 2.24   | 6.06                             |
|               | 8          | 6885                   |       | 0.81                                 | -0.22 | 0.15   | 0.65        | -0.17 | 0.15   | 1.26   | 4.75                             |
|               |            | 7005                   |       | 0.64                                 | -0.46 | 0.15   | 0.69        | -0.27 | 0.15   | 1.26   | 4.66                             |
|               |            | 7085                   |       | 0.85                                 | -0.12 | 0.15   | 0.96        | 0.47  | 0.15   | 1.26   | 5.14                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.19                                 | 2.58 | 0.15   | 2.24        | 2.8  | 0.15   | 2.25        | 2.37 | 0.15   | 4.28   | 9.97                             |
|               |            | 6145                   |       | 2.4                                  | 2.37 | 0.15   | 2.37        | 2.41 | 0.15   | 1.99        | 2.24 | 0.15   | 4.28   | 9.83                             |
|               |            | 6385                   |       | 1.94                                 | 2.08 | 0.15   | 2.27        | 2.28 | 0.15   | 2.09        | 2.26 | 0.15   | 4.28   | 9.72                             |
|               | 6          | 6465                   |       | 1.76                                 | 1.5  | 0.15   | 2.57        | 2.52 | 0.15   | 1.65        | 1.52 | 0.15   | 0.11   | 5.82                             |
|               |            | 6545                   |       | 1.28                                 | 1.86 | 0.15   | 2.23        | 2.86 | 0.15   | 1.87        | 2.3  | 0.15   | 2.24   | 7.96                             |
|               |            | 6625                   |       | 0.86                                 | 1.61 | 0.15   | 1.07        | 1.64 | 0.15   | 0.82        | 1.47 | 0.15   | 2.24   | 6.76                             |
|               | 7          | 6705                   |       | 1.02                                 | 1.57 | 0.15   | 1.12        | 1.67 | 0.15   | 0.7         | 1.5  | 0.15   | 2.24   | 6.80                             |
|               |            | 6785                   |       | 0.93                                 | 1.4  | 0.15   | 0.98        | 1.63 | 0.15   | 0.75        | 1.57 | 0.15   | 2.24   | 6.72                             |
|               |            | 6865                   |       | 0.67                                 | 1.25 | 0.15   | 1.14        | 1.81 | 0.15   | 0.25        | 0.7  | 0.15   | 2.24   | 6.89                             |
|               | 8          | 6945                   |       | 0.35                                 | 0.77 | 0.15   | 1.23        | 1.92 | 0.15   | 0.25        | 0.69 | 0.15   | 1.26   | 6.01                             |
|               |            | 7025                   |       | 0.03                                 | 0.77 | 0.15   | 1.1         | 1.7  | 0.15   | -0.15       | 1.06 | 0.15   | 1.26   | 5.83                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|-------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index 61                          |      |  | RU Index 62 |      |  | RU Index 64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.75                                 | 2.56 | 0.15   | 2.3         | 2.89 | 0.15   | 1.6         | 2.47 | 0.15   | 4.28   | 10.05                            |
|                      |            | 6185                   |       | 1.86                                 | 2.32 | 0.15   | 2.03        | 2.85 | 0.15   | 1.66        | 2.31 | 0.15   | 4.28   | 9.90                             |
|                      |            | 6345                   |       | 1.8                                  | 2.33 | 0.15   | 2.18        | 2.57 | 0.15   | 1.81        | 2.34 | 0.15   | 4.28   | 9.82                             |
|                      | 6          | 6505                   |       | 1.48                                 | 1.79 | 0.15   | 2.37        | 2.84 | 0.15   | 1.3         | 1.81 | 0.15   | 0.11   | 5.88                             |
|                      |            | 6665                   |       | -0.1                                 | 1.33 | 0.15   | 0.43        | 1.78 | 0.15   | 0.17        | 1.72 | 0.15   | 2.24   | 6.56                             |
|                      |            | 6825                   |       | -0.17                                | 1.26 | 0.15   | 0.22        | 1.51 | 0.15   | -0.35       | 1.16 | 0.15   | 2.24   | 6.31                             |
|                      | 8          | 6985                   |       | -0.67                                | 0.6  | 0.15   | 0.59        | 1.92 | 0.15   | -0.8        | 0.78 | 0.15   | 1.26   | 5.73                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |      |  |              |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|------|--|--------------|------|--|--|----------------------------------|
|                      |            |                        |       | RU Index S61                         |      |  | RU Index S62 |      |  | RU Index S64 |      |  |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.39                                 | 2.55 | 0.15   | 1.3          | 2.52 | 0.15   | 1.68         | 2.39 | 0.15   | 4.28   | 9.49                             |
|                      |            | 6185                   |       | 1.61                                 | 2.32 | 0.15   | 1.4          | 2.46 | 0.15   | 1.76         | 2.44 | 0.15   | 4.28   | 9.55                             |
|                      |            | 6345                   |       | 1.61                                 | 2.22 | 0.15   | 1.55         | 2.31 | 0.15   | 1.85         | 2.43 | 0.15   | 4.28   | 9.59                             |
|                      | 6          | 6505                   |       | 1.48                                 | 1.78 | 0.15   | 1.98         | 2.49 | 0.15   | 1.74         | 2.33 | 0.15   | 0.11   | 5.51                             |
|                      |            | 6665                   |       | -0.28                                | 1.39 | 0.15   | -0.52        | 1.19 | 0.15   | -0.48        | 1.5  | 0.15   | 2.24   | 6.04                             |
|                      |            | 6825                   |       | -0.66                                | 1.31 | 0.15   | 0.23         | 1.25 | 0.15   | -0.38        | 0.75 | 0.15   | 2.24   | 6.17                             |
|                      | 8          | 6985                   |       | -0.76                                | 0.54 | 0.15   | 0.07         | 1.44 | 0.15   | -0.44        | 0.97 | 0.15   | 1.26   | 5.23                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 484T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |      |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|------|
|               |            |                        |       | RU Index 65                          |      |  |  |                                  |      |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |      |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.13                                 | 5.37 | N/A  | 4.28   | 12.54                            |      |
|               |            | 6165                   |       | 5.11                                 | 5.35 | N/A  | 4.28   | 12.52                            |      |
|               |            | 6405                   |       | 5.05                                 | 5.19 | N/A  | 4.28   | 12.41                            |      |
|               | 6          | 6445                   |       | 5.16                                 | 5.37 | N/A  | 0.11   | 8.39                             |      |
|               |            | 6485                   |       | 5.17                                 | 5.53 | N/A  | 0.11   | 8.47                             |      |
|               |            | 6525                   |       | 5.32                                 | 5.32 | N/A  | 2.24   | 10.57                            |      |
|               | 7          | 6685                   |       | 4.62                                 | 4.68 | N/A  | 2.24   | 9.90                             |      |
|               |            | 6845                   |       | 4.53                                 | 4.46 | N/A  | 2.24   | 9.75                             |      |
|               |            | 6885                   |       | 4.69                                 | 4.7  | N/A  | 1.26   | 8.97                             |      |
|               |            | 7005                   |       | 4.45                                 | 4.39 | N/A  | 1.26   | 8.69                             |      |
|               |            | 8                      |       | 7085                                 | 4.58 | 4.78   | N/A  | 1.26                             | 8.95 |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |             |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|-------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 65                          |      |  | RU Index 66 |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 5.13                                 | 5.22 | N/A  | 5.19        | 5.26 | N/A  | 4.28   | 12.52                            |
|               |            | 6145                   |       | 5.26                                 | 5.15 | N/A  | 5.33        | 5.09 | N/A  | 4.28   | 12.50                            |
|               |            | 6385                   |       | 4.9                                  | 4.93 | N/A  | 5.31        | 5.04 | N/A  | 4.28   | 12.47                            |
|               | 6          | 6465                   |       | 5.33                                 | 4.91 | N/A  | 5.17        | 5.36 | N/A  | 0.11   | 8.39                             |
|               |            | 6545                   |       | 5.04                                 | 5.41 | N/A  | 5.07        | 5.15 | N/A  | 2.24   | 10.48                            |
|               |            | 6625                   |       | 4.27                                 | 4.34 | N/A  | 4.2         | 4.38 | N/A  | 2.24   | 9.56                             |
|               | 7          | 6705                   |       | 4.3                                  | 4.33 | N/A  | 4.22        | 4.56 | N/A  | 2.24   | 9.64                             |
|               |            | 6785                   |       | 4.1                                  | 4.43 | N/A  | 4.17        | 4.63 | N/A  | 2.24   | 9.66                             |
|               |            | 6865                   |       | 4.2                                  | 4.51 | N/A  | 4.38        | 4.35 | N/A  | 2.24   | 9.62                             |
|               | 8          | 6945                   |       | 4.45                                 | 4.19 | N/A  | 4.12        | 4.5  | N/A  | 1.26   | 8.59                             |
|               |            | 7025                   |       | 4.12                                 | 4.42 | N/A  | 4.28        | 4.37 | N/A  | 1.26   | 8.60                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |             |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|-------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index 65                          |      |   | RU Index 66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX         | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.83                                 | 5.33 | N/A   | 4.58        | 5.31 | N/A   | 4.28   | 12.38                            |
|                      |            | 6185                   |       | 4.85                                 | 5.17 | N/A   | 4.93        | 5.13 | N/A   | 4.28   | 12.32                            |
|                      |            | 6345                   |       | 4.77                                 | 5.05 | N/A   | 4.85        | 5.12 | N/A   | 4.28   | 12.28                            |
|                      | 6          | 6505                   |       | 5.17                                 | 5.05 | N/A   | 5.15        | 5.22 | N/A   | 0.11   | 8.31                             |
|                      | 7          | 6665                   |       | 3.76                                 | 4.41 | N/A   | 3.45        | 4.3  | N/A   | 2.24   | 9.35                             |
|                      |            | 6825                   |       | 3.83                                 | 4.35 | N/A   | 3.53        | 4.53 | N/A   | 2.24   | 9.35                             |
|                      |            | 8                      |       | 6985                                 | 4.19 | 4.3   | N/A         | 4.01 | 4.57  | N/A  | 1.26                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |   |              |      |   | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---|--------------|------|---|--|----------------------------------|
|                      |            |                        |       | RU Index S65                         |      |   | RU Index S66 |      |   |  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) | AUX          | Main | Duty Cycle Factor <sup>Note 3</sup><br>10log(1/X) |  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.76                                 | 5.3  | N/A   | 4.65         | 5.28 | N/A   | 4.28   | 12.33                            |
|                      |            | 6185                   |       | 4.72                                 | 5.18 | N/A   | 4.77         | 4.94 | N/A   | 4.28   | 12.25                            |
|                      |            | 6345                   |       | 4.53                                 | 5.08 | N/A   | 4.81         | 5.01 | N/A   | 4.28   | 12.20                            |
|                      | 6          | 6505                   |       | 4.97                                 | 5.28 | N/A   | 4.84         | 5.16 | N/A   | 0.11   | 8.25                             |
|                      | 7          | 6665                   |       | 3.85                                 | 4.4  | N/A   | 3.79         | 4.46 | N/A   | 2.24   | 9.39                             |
|                      |            | 6825                   |       | 3.9                                  | 4.5  | N/A   | 3.88         | 4.51 | N/A   | 2.24   | 9.46                             |
|                      |            | 8                      |       | 6985                                 | 3.89 | 4.23  | N/A          | 3.96 | 4.61  | N/A  | 1.26                             |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925-6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425-6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525-6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875-7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 996T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|------|--|--|----------------------------------|
|               |            |                        |       | RU Index 67                          |      |  |  |                                  |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 6.76                                 | 6.38 | 0.159  | 4.28   | 14.02                            |
|               |            | 6145                   |       | 6.86                                 | 5.96 | 0.159  | 4.28   | 13.88                            |
|               |            | 6385                   |       | 7.08                                 | 6.32 | 0.159  | 4.28   | 14.17                            |
|               | 6          | 6465                   |       | 6.99                                 | 6.08 | 0.159  | 0.11   | 9.84                             |
|               |            | 6545                   |       | 7.02                                 | 5.87 | 0.159  | 2.24   | 11.89                            |
|               | 7          | 6625                   |       | 6.3                                  | 5.13 | 0.159  | 2.24   | 11.16                            |
|               |            | 6705                   |       | 6.2                                  | 5.03 | 0.159  | 2.24   | 11.06                            |
|               |            | 6785                   |       | 6.08                                 | 4.91 | 0.159  | 2.24   | 10.94                            |
|               | 8          | 6865                   |       | 5.84                                 | 5.13 | 0.159  | 2.24   | 10.91                            |
|               |            | 6945                   |       | 6                                    | 5.08 | 0.159  | 1.26   | 9.99                             |
|               |            | 7025                   |       | 6.07                                 | 5.42 | 0.159  | 1.26   | 10.19                            |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |  |              |       |  | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------|------------|------------------------|-------|--------------------------------------|------|--|--------------|-------|--|--|----------------------------------|
|                |            |                        |       | RU Index 67                          |      |  | RU Index S67 |       |  |  |                                  |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor 10log(1/X) <sup>Note 3</sup> |  |                                  |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.05                                 | 6.26 | 0.159  | 6.94         | 6.11  | 0.159  | 4.28   | 14.12                            |
|                |            | 6185                   |       | 6.93                                 | 6.15 | 0.159  | 7.04         | 6.153 | 0.159  | 4.28   | 14.07                            |
|                |            | 6345                   |       | 7.22                                 | 6.51 | 0.159  | 7.14         | 6.14  | 0.159  | 4.28   | 14.33                            |
|                | 6          | 6505                   |       | 6.91                                 | 5.69 | 0.159  | 6.88         | 5.84  | 0.159  | 0.11   | 9.67                             |
|                |            | 6665                   |       | 6.79                                 | 5.47 | 0.159  | 6.47         | 5.12  | 0.159  | 2.24   | 11.59                            |
|                | 7          | 6825                   |       | 6.33                                 | 5.3  | 0.159  | 6.05         | 4.88  | 0.159  | 2.24   | 11.25                            |
|                |            | 6985                   |       | 6.12                                 | 5.27 | 0.159  | 6            | 5.27  | 0.159  | 1.26   | 10.15                            |

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

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

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

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

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

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

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.