

## A.3 MAXIMUM CONDUCTED OUTPUT POWER

|              |                               |            |           |
|--------------|-------------------------------|------------|-----------|
| Test Date    | 2023/10/04                    | Temp./Hum. | 24°C/60%  |
| Cable Loss   | 1.50dB                        | Tested By  | Sam Chang |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) |            |           |

### A.3.1 Conducted Output Power Result

- OFDM Modulation
- SPOT Check

Test SKU: SKU #1 (with LG (INPAQ), WA-P-LELE-04-009)

| 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                   | 1.39                                 | 1.08  | N/A                               | 3.920                                   | 8.17                                  | 24dBm |
|                 |            | 6175                   | 1.30                                 | 1.05  |                                   | 3.920                                   | 8.11                                  |       |
|                 |            | 6415                   | 1.05                                 | 1.07  |                                   | 3.860                                   | 7.93                                  |       |
|                 | 6          | 6435                   | 1.14                                 | 1.07  |                                   | 3.860                                   | 7.98                                  |       |
|                 |            | 6475                   | 1.37                                 | 1.22  |                                   | 3.860                                   | 8.17                                  |       |
|                 |            | 6515                   | 1.38                                 | 1.03  |                                   | 3.860                                   | 8.08                                  |       |
|                 | 7          | 6535                   | 0.56                                 | 0.22  |                                   | 3.860                                   | 7.26                                  |       |
|                 |            | 6695                   | 0.65                                 | -0.02 |                                   | 3.860                                   | 7.20                                  |       |
|                 |            | 6855                   | 0.71                                 | 0.04  |                                   | 3.290                                   | 6.69                                  |       |
|                 | 8          | 6875                   | 0.75                                 | 0.05  |                                   | 3.290                                   | 6.71                                  |       |
|                 |            | 6995                   | 0.70                                 | -0.17 |                                   | 3.290                                   | 6.59                                  |       |
|                 |            | 7115                   | -3.58                                | -3.18 |                                   | 3.290                                   | 2.92                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.09                                 | 4.88  | N/A                               | 3.920                                   | 11.92                                 | 24dBm |
|                 |            | 6165                   | 4.78                                 | 4.94  |                                   | 3.920                                   | 11.79                                 |       |
|                 |            | 6405                   | 4.62                                 | 4.72  |                                   | 3.860                                   | 11.54                                 |       |
|                 | 6          | 6445                   | 4.59                                 | 5.00  |                                   | 3.860                                   | 11.67                                 |       |
|                 |            | 6485                   | 4.86                                 | 4.86  |                                   | 3.860                                   | 11.73                                 |       |
|                 |            | 6525                   | 4.99                                 | 4.93  |                                   | 3.860                                   | 11.83                                 |       |
|                 | 7          | 6685                   | 4.13                                 | 3.88  |                                   | 3.860                                   | 10.88                                 |       |
|                 |            | 6845                   | 4.09                                 | 3.91  |                                   | 3.290                                   | 10.30                                 |       |
|                 | 8          | 6885                   | 4.21                                 | 3.92  |                                   | 3.290                                   | 10.37                                 |       |
|                 |            | 7005                   | 4.06                                 | 3.86  |                                   | 3.290                                   | 10.26                                 |       |
|                 |            | 7085                   | 4.40                                 | 4.16  |                                   | 3.290                                   | 10.58                                 |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2] = 3.92\text{dBi}$

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2] = 3.86\text{dBi}$

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2] = 3.29\text{dBi}$

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

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

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| 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                   | 6.82                                 | 6.24 | N/A                               | 3.92                                    | 13.47                                 | 24dBm |
|                 |            | 6145                   | 6.72                                 | 6.12 |                                   | 3.92                                    | 13.36                                 |       |
|                 |            | 6385                   | 7.02                                 | 6.51 |                                   | 3.86                                    | 13.64                                 |       |
|                 | 6          | 6465                   | 6.70                                 | 6.21 |                                   | 3.86                                    | 13.33                                 |       |
|                 |            | 6545                   | 6.85                                 | 6.00 |                                   | 3.86                                    | 13.32                                 |       |
|                 |            | 6625                   | 6.22                                 | 5.12 |                                   | 3.86                                    | 12.58                                 |       |
|                 | 7          | 6705                   | 5.81                                 | 5.13 |                                   | 3.86                                    | 12.35                                 |       |
|                 |            | 6785                   | 5.86                                 | 5.02 |                                   | 3.86                                    | 12.33                                 |       |
|                 | 8          | 6865                   | 5.71                                 | 5.25 |                                   | 3.29                                    | 11.79                                 |       |
|                 |            | 6945                   | 5.80                                 | 5.31 |                                   | 3.29                                    | 11.86                                 |       |
|                 |            | 7025                   | 6.19                                 | 5.41 |                                   | 3.29                                    | 12.12                                 |       |
| 802.11ax-HE160  | 5          | 6025                   | 9.56                                 | 9.54 | N/A                               | 3.92                                    | 16.48                                 | 24dBm |
|                 |            | 6185                   | 9.58                                 | 9.37 |                                   | 3.92                                    | 16.41                                 |       |
|                 |            | 6345                   | 9.82                                 | 9.52 |                                   | 3.86                                    | 16.54                                 |       |
|                 | 6          | 6505                   | 9.72                                 | 9.19 |                                   | 3.86                                    | 16.33                                 |       |
|                 |            | 6665                   | 9.04                                 | 8.29 |                                   | 3.86                                    | 15.55                                 |       |
|                 | 7          | 6825                   | 8.76                                 | 8.32 |                                   | 3.29                                    | 14.85                                 |       |
|                 |            | 6985                   | 9.04                                 | 8.69 |                                   | 3.29                                    | 15.17                                 |       |
|                 | 8          | 6985                   | 9.04                                 | 8.69 |                                   | 3.29                                    | 15.17                                 |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2] = 3.86$  dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2] = 3.29$  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).

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

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Test SKU: SKU #2 (with LG (Luxshare), L1LRF008-CS-H)

| 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                   | 1.39                                 | 1.08  | N/A                               | 3.920                                   | 8.17                                  | 24dBm |
|                 |            | 6175                   | 1.30                                 | 1.05  |                                   | 3.920                                   | 8.11                                  |       |
|                 |            | 6415                   | 1.05                                 | 1.07  |                                   | 2.480                                   | 6.55                                  |       |
|                 | 6          | 6435                   | 1.14                                 | 1.07  |                                   | 2.480                                   | 6.60                                  |       |
|                 |            | 6475                   | 1.37                                 | 1.22  |                                   | 2.480                                   | 6.79                                  |       |
|                 |            | 6515                   | 1.38                                 | 1.03  |                                   | 2.480                                   | 6.70                                  |       |
|                 | 7          | 6535                   | 0.56                                 | 0.22  |                                   | 2.480                                   | 5.88                                  |       |
|                 |            | 6695                   | 0.65                                 | -0.02 |                                   | 2.480                                   | 5.82                                  |       |
|                 |            | 6855                   | 0.71                                 | 0.04  |                                   | -2.990                                  | 0.41                                  |       |
|                 | 8          | 6875                   | 0.75                                 | 0.05  |                                   | -2.990                                  | 0.43                                  |       |
|                 |            | 6995                   | 0.70                                 | -0.17 |                                   | -2.990                                  | 0.31                                  |       |
|                 |            | 7115                   | -3.58                                | -3.18 |                                   | -2.990                                  | -3.36                                 |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.09                                 | 4.88  | N/A                               | 3.920                                   | 11.92                                 | 24dBm |
|                 |            | 6165                   | 4.78                                 | 4.94  |                                   | 3.920                                   | 11.79                                 |       |
|                 |            | 6405                   | 4.62                                 | 4.72  |                                   | 2.480                                   | 10.16                                 |       |
|                 | 6          | 6445                   | 4.59                                 | 5.00  |                                   | 2.480                                   | 10.29                                 |       |
|                 |            | 6485                   | 4.86                                 | 4.86  |                                   | 2.480                                   | 10.35                                 |       |
|                 | 7          | 6525                   | 4.99                                 | 4.93  |                                   | 2.480                                   | 10.45                                 |       |
|                 |            | 6685                   | 4.13                                 | 3.88  |                                   | 2.480                                   | 9.50                                  |       |
|                 |            | 6845                   | 4.09                                 | 3.91  |                                   | -2.990                                  | 4.02                                  |       |
|                 | 8          | 6885                   | 4.21                                 | 3.92  |                                   | -2.990                                  | 4.09                                  |       |
|                 |            | 7005                   | 4.06                                 | 3.86  |                                   | -2.990                                  | 3.98                                  |       |
|                 |            | 7085                   | 4.40                                 | 4.16  |                                   | -2.990                                  | 4.30                                  |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2]$ = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2]$ = 3.86dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2]$ = 3.29dBi

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

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

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| 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                   | 6.82                                 | 6.24 | N/A                               | 3.920                                   | 13.47                                 | 24dBm |
|                 |            | 6145                   | 6.72                                 | 6.12 |                                   | 3.920                                   | 13.36                                 |       |
|                 |            | 6385                   | 7.02                                 | 6.51 |                                   | 2.480                                   | 12.26                                 |       |
|                 | 6          | 6465                   | 6.70                                 | 6.21 |                                   | 2.480                                   | 11.95                                 |       |
|                 |            | 6545                   | 6.85                                 | 6.00 |                                   | 2.480                                   | 11.94                                 |       |
|                 |            | 6625                   | 6.22                                 | 5.12 |                                   | 2.480                                   | 11.20                                 |       |
|                 | 7          | 6705                   | 5.81                                 | 5.13 |                                   | 2.480                                   | 10.97                                 |       |
|                 |            | 6785                   | 5.86                                 | 5.02 |                                   | 2.480                                   | 10.95                                 |       |
|                 | 8          | 6865                   | 5.71                                 | 5.25 |                                   | -2.990                                  | 5.51                                  |       |
|                 |            | 6945                   | 5.80                                 | 5.31 |                                   | -2.990                                  | 5.58                                  |       |
|                 |            | 7025                   | 6.19                                 | 5.41 |                                   | -2.990                                  | 5.84                                  |       |
| 802.11ax-HE160  | 5          | 6025                   | 9.56                                 | 9.54 | N/A                               | 3.920                                   | 16.48                                 | 24dBm |
|                 |            | 6185                   | 9.58                                 | 9.37 |                                   | 3.920                                   | 16.41                                 |       |
|                 |            | 6345                   | 9.82                                 | 9.52 |                                   | 2.480                                   | 15.16                                 |       |
|                 | 6          | 6505                   | 9.72                                 | 9.19 |                                   | 2.480                                   | 14.95                                 |       |
|                 |            | 6665                   | 9.04                                 | 8.29 |                                   | 2.480                                   | 14.17                                 |       |
|                 | 7          | 6825                   | 8.76                                 | 8.32 |                                   | -2.990                                  | 8.57                                  |       |
|                 |            | 6985                   | 9.04                                 | 8.69 |                                   | -2.990                                  | 8.89                                  |       |
|                 | 8          |                        |                                      |      |                                   |                                         |                                       |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2] = 3.92\text{dBi}$

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2] = 3.86\text{dBi}$

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2] = 3.29\text{dBi}$

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

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

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Test SKU: SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110

| 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>Note 2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|-----------------------------------------|----------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |                                         |                                        |       |
| 802.11ax-HE20   | 5          | 5955                   | 0.83                                 | 0.55  | N/A                               | 4.28                                    | 7.98                                   | 24dBm |
|                 |            | 6175                   | 0.59                                 | 0.49  |                                   | 4.28                                    | 7.83                                   |       |
|                 |            | 6415                   | 0.40                                 | 0.42  |                                   | 4.28                                    | 7.70                                   |       |
|                 | 6          | 6435                   | 0.90                                 | 1.03  |                                   | 0.11                                    | 4.09                                   |       |
|                 |            | 6475                   | 1.25                                 | 1.12  |                                   | 0.11                                    | 4.31                                   |       |
|                 |            | 6515                   | 1.27                                 | 0.99  |                                   | 0.11                                    | 4.25                                   |       |
|                 | 7          | 6535                   | 0.54                                 | 0.02  |                                   | 2.24                                    | 5.54                                   |       |
|                 |            | 6695                   | 0.40                                 | -0.27 |                                   | 2.24                                    | 5.33                                   |       |
|                 |            | 6855                   | 0.59                                 | -0.25 |                                   | 2.24                                    | 5.44                                   |       |
|                 | 8          | 6875                   | 0.73                                 | -0.07 |                                   | 2.24                                    | 5.60                                   |       |
|                 |            | 6995                   | 0.43                                 | -0.28 |                                   | 1.26                                    | 4.36                                   |       |
|                 |            | 7115                   | -3.78                                | -3.29 |                                   | 1.26                                    | 0.74                                   |       |
| 802.11ax-HE40   | 5          | 5965                   | 4.38                                 | 4.43  | N/A                               | 4.28                                    | 11.70                                  | 24dBm |
|                 |            | 6165                   | 4.19                                 | 4.21  |                                   | 4.28                                    | 11.49                                  |       |
|                 |            | 6405                   | 4.12                                 | 4.36  |                                   | 4.28                                    | 11.53                                  |       |
|                 | 6          | 6445                   | 4.62                                 | 4.71  |                                   | 0.11                                    | 7.79                                   |       |
|                 |            | 6485                   | 4.64                                 | 4.79  |                                   | 0.11                                    | 7.84                                   |       |
|                 | 7          | 6525                   | 4.81                                 | 4.89  |                                   | 2.24                                    | 10.10                                  |       |
|                 |            | 6685                   | 3.97                                 | 3.85  |                                   | 2.24                                    | 9.16                                   |       |
|                 |            | 6845                   | 4.19                                 | 3.81  |                                   | 2.24                                    | 9.25                                   |       |
|                 | 8          | 6885                   | 4.29                                 | 3.94  |                                   | 1.26                                    | 8.39                                   |       |
|                 |            | 7005                   | 3.99                                 | 3.85  |                                   | 1.26                                    | 8.19                                   |       |
|                 |            | 7085                   | 4.34                                 | 4.02  |                                   | 1.26                                    | 8.45                                   |       |

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 =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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

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| 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>Note 2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|------|-----------------------------------|-----------------------------------------|----------------------------------------|-------|
|                 |            |                        | AUX                                  | Main |                                   |                                         |                                        |       |
| 802.11ax-HE80   | 5          | 5985                   | 5.80                                 | 6.10 | N/A                               | 4.28                                    | 13.24                                  | 24dBm |
|                 |            | 6145                   | 5.67                                 | 5.93 |                                   | 4.28                                    | 13.09                                  |       |
|                 |            | 6385                   | 5.66                                 | 6.20 |                                   | 4.28                                    | 13.23                                  |       |
|                 | 6          | 6465                   | 6.73                                 | 6.06 |                                   | 0.11                                    | 9.53                                   |       |
|                 |            | 6545                   | 6.64                                 | 5.84 |                                   | 2.24                                    | 11.51                                  |       |
|                 |            | 6625                   | 5.91                                 | 4.85 |                                   | 2.24                                    | 10.66                                  |       |
|                 | 7          | 6705                   | 5.63                                 | 4.86 |                                   | 2.24                                    | 10.51                                  |       |
|                 |            | 6785                   | 5.61                                 | 4.88 |                                   | 2.24                                    | 10.51                                  |       |
|                 | 8          | 6865                   | 5.52                                 | 4.83 |                                   | 2.24                                    | 10.44                                  |       |
|                 |            | 6945                   | 5.88                                 | 5.29 |                                   | 1.26                                    | 9.87                                   |       |
|                 |            | 7025                   | 5.94                                 | 5.41 |                                   | 1.26                                    | 9.95                                   |       |
| 802.11ax-HE160  | 5          | 6025                   | 8.60                                 | 9.21 | N/A                               | 4.28                                    | 16.21                                  | 24dBm |
|                 |            | 6185                   | 8.78                                 | 9.12 |                                   | 4.28                                    | 16.24                                  |       |
|                 |            | 6345                   | 9.43                                 | 9.11 |                                   | 4.28                                    | 16.56                                  |       |
|                 | 6          | 6505                   | 9.76                                 | 8.93 |                                   | 0.11                                    | 12.49                                  |       |
|                 |            | 6665                   | 8.68                                 | 8.04 |                                   | 2.24                                    | 13.62                                  |       |
|                 |            | 6825                   | 8.67                                 | 8.29 |                                   | 2.24                                    | 13.73                                  |       |
|                 | 8          | 6985                   | 8.87                                 | 8.66 |                                   | 1.26                                    | 13.04                                  |       |
|                 |            |                        |                                      |      |                                   |                                         |                                        |       |
|                 |            |                        |                                      |      |                                   |                                         |                                        |       |
|                 |            |                        |                                      |      |                                   |                                         |                                        |       |

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 =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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

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● Original FCC ID: BEJNT-16Z90R Power

Test SKU: SKU #1 (with LG (INPAQ), WA-P-LELE-04-009)

| 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                   | 1.55                                 | 1.31  | N/A                               | 3.920                                   | 8.36                                  | 24dBm |
|                 |            | 6175                   | 1.42                                 | 1.23  |                                   | 3.920                                   | 8.26                                  |       |
|                 |            | 6415                   | 1.26                                 | 1.27  |                                   | 3.860                                   | 8.14                                  |       |
|                 | 6          | 6435                   | 1.28                                 | 1.35  |                                   | 3.860                                   | 8.19                                  |       |
|                 |            | 6475                   | 1.60                                 | 1.37  |                                   | 3.860                                   | 8.36                                  |       |
|                 |            | 6515                   | 1.50                                 | 1.25  |                                   | 3.860                                   | 8.25                                  |       |
|                 | 7          | 6535                   | 0.77                                 | 0.49  |                                   | 3.860                                   | 7.50                                  |       |
|                 |            | 6695                   | 0.79                                 | 0.08  |                                   | 3.860                                   | 7.32                                  |       |
|                 |            | 6855                   | 0.88                                 | 0.15  |                                   | 3.290                                   | 6.83                                  |       |
|                 | 8          | 6875                   | 1.03                                 | 0.29  |                                   | 3.290                                   | 6.98                                  |       |
|                 |            | 6995                   | 0.81                                 | 0.10  |                                   | 3.290                                   | 6.77                                  |       |
|                 |            | 7115                   | -3.45                                | -2.95 |                                   | 3.290                                   | 3.11                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.20                                 | 5.13  | N/A                               | 3.920                                   | 12.10                                 | 24dBm |
|                 |            | 6165                   | 5.06                                 | 5.05  |                                   | 3.920                                   | 11.99                                 |       |
|                 |            | 6405                   | 4.89                                 | 5.01  |                                   | 3.860                                   | 11.82                                 |       |
|                 | 6          | 6445                   | 4.83                                 | 5.16  |                                   | 3.860                                   | 11.87                                 |       |
|                 |            | 6485                   | 5.08                                 | 5.10  |                                   | 3.860                                   | 11.96                                 |       |
|                 | 7          | 6525                   | 5.14                                 | 5.09  |                                   | 3.860                                   | 11.99                                 |       |
|                 |            | 6685                   | 4.36                                 | 4.13  |                                   | 3.860                                   | 11.12                                 |       |
|                 |            | 6845                   | 4.39                                 | 4.02  |                                   | 3.290                                   | 10.51                                 |       |
|                 | 8          | 6885                   | 4.51                                 | 4.21  |                                   | 3.290                                   | 10.66                                 |       |
|                 |            | 7005                   | 4.36                                 | 4.01  |                                   | 3.290                                   | 10.49                                 |       |
|                 |            | 7085                   | 4.62                                 | 4.35  |                                   | 3.290                                   | 10.79                                 |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2]$ = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2]$ = 3.86dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2]$ = 3.29dBi

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

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| 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                   | 7.03                                 | 6.42 | N/A                               | 3.92                                    | 13.67                                 | 24dBm |
|                 |            | 6145                   | 6.94                                 | 6.25 |                                   | 3.92                                    | 13.54                                 |       |
|                 |            | 6385                   | 7.19                                 | 6.71 |                                   | 3.86                                    | 13.83                                 |       |
|                 | 6          | 6465                   | 6.99                                 | 6.38 |                                   | 3.86                                    | 13.57                                 |       |
|                 |            | 6545                   | 7.00                                 | 6.27 |                                   | 3.86                                    | 13.52                                 |       |
|                 |            | 6625                   | 6.38                                 | 5.40 |                                   | 3.86                                    | 12.79                                 |       |
|                 | 7          | 6705                   | 6.08                                 | 5.30 |                                   | 3.86                                    | 12.58                                 |       |
|                 |            | 6785                   | 5.96                                 | 5.22 |                                   | 3.86                                    | 12.48                                 |       |
|                 |            | 6865                   | 5.92                                 | 5.34 |                                   | 3.29                                    | 11.94                                 |       |
|                 | 8          | 6945                   | 6.10                                 | 5.58 |                                   | 3.29                                    | 12.15                                 |       |
|                 |            | 7025                   | 6.37                                 | 5.72 |                                   | 3.29                                    | 12.36                                 |       |
|                 |            |                        |                                      |      |                                   |                                         |                                       |       |
| 802.11ax-HE160  | 5          | 6025                   | 9.79                                 | 9.76 | N/A                               | 3.92                                    | 16.71                                 | 24dBm |
|                 |            | 6185                   | 9.90                                 | 9.60 |                                   | 3.92                                    | 16.68                                 |       |
|                 |            | 6345                   | 10.02                                | 9.82 |                                   | 3.86                                    | 16.79                                 |       |
|                 | 6          | 6505                   | 9.90                                 | 9.36 |                                   | 3.86                                    | 16.51                                 |       |
|                 |            | 6665                   | 9.21                                 | 8.45 |                                   | 3.86                                    | 15.72                                 |       |
|                 |            | 6825                   | 8.95                                 | 8.54 |                                   | 3.29                                    | 15.05                                 |       |
|                 | 7          |                        |                                      |      |                                   |                                         |                                       |       |
|                 |            |                        |                                      |      |                                   |                                         |                                       |       |
|                 | 8          | 6985                   | 9.21                                 | 8.90 |                                   | 3.29                                    | 15.36                                 |       |
|                 |            |                        |                                      |      |                                   |                                         |                                       |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2] = 3.86$  dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2] = 3.29$  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).

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Test SKU: SKU #2 (with LG (Luxshare), L1LRF008-CS-H)

| 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                   | 1.55                                 | 1.31  | N/A                               | 3.920                                   | 8.36                                  | 24dBm |
|                 |            | 6175                   | 1.42                                 | 1.23  |                                   | 3.920                                   | 8.26                                  |       |
|                 |            | 6415                   | 1.26                                 | 1.27  |                                   | 2.480                                   | 6.76                                  |       |
|                 | 6          | 6435                   | 1.28                                 | 1.35  |                                   | 2.480                                   | 6.81                                  |       |
|                 |            | 6475                   | 1.60                                 | 1.37  |                                   | 2.480                                   | 6.98                                  |       |
|                 |            | 6515                   | 1.50                                 | 1.25  |                                   | 2.480                                   | 6.87                                  |       |
|                 | 7          | 6535                   | 0.77                                 | 0.49  |                                   | 2.480                                   | 6.12                                  |       |
|                 |            | 6695                   | 0.79                                 | 0.08  |                                   | 2.480                                   | 5.94                                  |       |
|                 |            | 6855                   | 0.88                                 | 0.15  |                                   | -2.990                                  | 0.55                                  |       |
|                 | 8          | 6875                   | 1.03                                 | 0.29  |                                   | -2.990                                  | 0.70                                  |       |
|                 |            | 6995                   | 0.81                                 | 0.10  |                                   | -2.990                                  | 0.49                                  |       |
|                 |            | 7115                   | -3.45                                | -2.95 |                                   | -2.990                                  | -3.17                                 |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.20                                 | 5.13  | N/A                               | 3.920                                   | 12.10                                 | 24dBm |
|                 |            | 6165                   | 5.06                                 | 5.05  |                                   | 3.920                                   | 11.99                                 |       |
|                 |            | 6405                   | 4.89                                 | 5.01  |                                   | 2.480                                   | 10.44                                 |       |
|                 | 6          | 6445                   | 4.83                                 | 5.16  |                                   | 2.480                                   | 10.49                                 |       |
|                 |            | 6485                   | 5.08                                 | 5.10  |                                   | 2.480                                   | 10.58                                 |       |
|                 | 7          | 6525                   | 5.14                                 | 5.09  |                                   | 2.480                                   | 10.61                                 |       |
|                 |            | 6685                   | 4.36                                 | 4.13  |                                   | 2.480                                   | 9.74                                  |       |
|                 |            | 6845                   | 4.39                                 | 4.02  |                                   | -2.990                                  | 4.23                                  |       |
|                 | 8          | 6885                   | 4.51                                 | 4.21  |                                   | -2.990                                  | 4.38                                  |       |
|                 |            | 7005                   | 4.36                                 | 4.01  |                                   | -2.990                                  | 4.21                                  |       |
|                 |            | 7085                   | 4.62                                 | 4.35  |                                   | -2.990                                  | 4.51                                  |       |

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2]$ = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2]$ = 3.86dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2]$ = 3.29dBi

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

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| 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                   | 7.03                                 | 6.42 | N/A                               | 3.920                                   | 13.67                                 | 24dBm |
|                 |            | 6145                   | 6.94                                 | 6.25 |                                   | 3.920                                   | 13.54                                 |       |
|                 |            | 6385                   | 7.19                                 | 6.71 |                                   | 2.480                                   | 12.45                                 |       |
|                 | 6          | 6465                   | 6.99                                 | 6.38 |                                   | 2.480                                   | 12.19                                 |       |
|                 |            | 6545                   | 7.00                                 | 6.27 |                                   | 2.480                                   | 12.14                                 |       |
|                 |            | 6625                   | 6.38                                 | 5.40 |                                   | 2.480                                   | 11.41                                 |       |
|                 | 7          | 6705                   | 6.08                                 | 5.30 |                                   | 2.480                                   | 11.20                                 |       |
|                 |            | 6785                   | 5.96                                 | 5.22 |                                   | 2.480                                   | 11.10                                 |       |
|                 | 8          | 6865                   | 5.92                                 | 5.34 |                                   | -2.990                                  | 5.66                                  |       |
|                 |            | 6945                   | 6.10                                 | 5.58 |                                   | -2.990                                  | 5.87                                  |       |
|                 |            | 7025                   | 6.37                                 | 5.72 |                                   | -2.990                                  | 6.08                                  |       |
| 802.11ax-HE160  | 5          | 6025                   | 9.79                                 | 9.76 | N/A                               | 3.920                                   | 16.71                                 | 24dBm |
|                 |            | 6185                   | 9.90                                 | 9.60 |                                   | 3.920                                   | 16.68                                 |       |
|                 |            | 6345                   | 10.02                                | 9.82 |                                   | 2.480                                   | 15.41                                 |       |
|                 | 6          | 6505                   | 9.90                                 | 9.36 |                                   | 2.480                                   | 15.13                                 |       |
|                 |            | 6665                   | 9.21                                 | 8.45 |                                   | 2.480                                   | 14.34                                 |       |
|                 | 7          | 6825                   | 8.95                                 | 8.54 |                                   | -2.990                                  | 8.77                                  |       |
|                 |            | 6985                   | 9.21                                 | 8.90 |                                   | -2.990                                  | 9.08                                  |       |
|                 | 8          |                        |                                      |      |                                   |                                         |                                       |       |

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 =  $10 \log[(10^{4.3/10} + 10^{3.5/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{4.2/10} + 10^{3.5/10})/2]$  = 3.86dBi

7125MHz: Directional gain =  $10 \log[(10^{4.1/10} + 10^{2.3/10})/2]$  = 3.29dBi

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

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Test SKU: SKU #1 (with LG (INPAQ), WA-P-LBLB-04-110)

| 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>Note 2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|-----------------------------------------|----------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |                                         |                                        |       |
| 802.11ax-HE20   | 5          | 5955                   | 1.06                                 | 0.72  | N/A                               | 4.28                                    | 8.18                                   | 24dBm |
|                 |            | 6175                   | 0.73                                 | 0.75  |                                   | 4.28                                    | 8.03                                   |       |
|                 |            | 6415                   | 0.61                                 | 0.63  |                                   | 4.28                                    | 7.91                                   |       |
|                 | 6          | 6435                   | 1.16                                 | 1.17  |                                   | 0.11                                    | 4.29                                   |       |
|                 |            | 6475                   | 1.47                                 | 1.29  |                                   | 0.11                                    | 4.50                                   |       |
|                 |            | 6515                   | 1.39                                 | 1.19  |                                   | 0.11                                    | 4.41                                   |       |
|                 | 7          | 6535                   | 0.72                                 | 0.32  |                                   | 2.24                                    | 5.77                                   |       |
|                 |            | 6695                   | 0.64                                 | -0.06 |                                   | 2.24                                    | 5.55                                   |       |
|                 |            | 6855                   | 0.75                                 | -0.01 |                                   | 2.24                                    | 5.64                                   |       |
|                 | 8          | 6875                   | 0.91                                 | 0.17  |                                   | 2.24                                    | 5.81                                   |       |
|                 |            | 6995                   | 0.70                                 | -0.06 |                                   | 1.26                                    | 4.61                                   |       |
|                 |            | 7115                   | -3.61                                | -3.00 |                                   | 1.26                                    | 0.98                                   |       |
| 802.11ax-HE40   | 5          | 5965                   | 4.55                                 | 4.68  | N/A                               | 4.28                                    | 11.91                                  | 24dBm |
|                 |            | 6165                   | 4.44                                 | 4.42  |                                   | 4.28                                    | 11.72                                  |       |
|                 |            | 6405                   | 4.33                                 | 4.49  |                                   | 4.28                                    | 11.70                                  |       |
|                 | 6          | 6445                   | 4.74                                 | 5.05  |                                   | 0.11                                    | 8.02                                   |       |
|                 |            | 6485                   | 4.89                                 | 4.95  |                                   | 0.11                                    | 8.04                                   |       |
|                 | 7          | 6525                   | 4.97                                 | 4.99  |                                   | 2.24                                    | 10.23                                  |       |
|                 |            | 6685                   | 4.19                                 | 4.03  |                                   | 2.24                                    | 9.36                                   |       |
|                 |            | 6845                   | 4.34                                 | 3.91  |                                   | 2.24                                    | 9.38                                   |       |
|                 | 8          | 6885                   | 4.43                                 | 4.04  |                                   | 1.26                                    | 8.51                                   |       |
|                 |            | 7005                   | 4.26                                 | 3.95  |                                   | 1.26                                    | 8.38                                   |       |
|                 |            | 7085                   | 4.50                                 | 4.24  |                                   | 1.26                                    | 8.64                                   |       |

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 =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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| 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>Note 2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|------|-----------------------------------|-----------------------------------------|----------------------------------------|-------|
|                 |            |                        | AUX                                  | Main |                                   |                                         |                                        |       |
| 802.11ax-HE80   | 5          | 5985                   | 6.02                                 | 6.30 | N/A                               | 4.28                                    | 13.45                                  | 24dBm |
|                 |            | 6145                   | 5.96                                 | 6.20 |                                   | 4.28                                    | 13.37                                  |       |
|                 |            | 6385                   | 5.82                                 | 6.52 |                                   | 4.28                                    | 13.47                                  |       |
|                 | 6          | 6465                   | 6.92                                 | 6.27 |                                   | 0.11                                    | 9.73                                   |       |
|                 |            | 6545                   | 6.72                                 | 6.02 |                                   | 2.24                                    | 11.63                                  |       |
|                 |            | 6625                   | 6.19                                 | 5.17 |                                   | 2.24                                    | 10.96                                  |       |
|                 | 7          | 6705                   | 5.81                                 | 5.20 |                                   | 2.24                                    | 10.77                                  |       |
|                 |            | 6785                   | 5.83                                 | 5.12 |                                   | 2.24                                    | 10.74                                  |       |
|                 | 8          | 6865                   | 5.77                                 | 5.05 |                                   | 2.24                                    | 10.68                                  |       |
|                 |            | 6945                   | 6.05                                 | 5.47 |                                   | 1.26                                    | 10.04                                  |       |
|                 |            | 7025                   | 6.16                                 | 5.53 |                                   | 1.26                                    | 10.13                                  |       |
| 802.11ax-HE160  | 5          | 6025                   | 8.93                                 | 9.33 | N/A                               | 4.28                                    | 16.42                                  | 24dBm |
|                 |            | 6185                   | 9.09                                 | 9.24 |                                   | 4.28                                    | 16.46                                  |       |
|                 |            | 6345                   | 9.53                                 | 9.25 |                                   | 4.28                                    | 16.68                                  |       |
|                 | 6          | 6505                   | 9.82                                 | 9.18 |                                   | 0.11                                    | 12.63                                  |       |
|                 |            | 6665                   | 8.96                                 | 8.21 |                                   | 2.24                                    | 13.85                                  |       |
|                 |            | 6825                   | 8.81                                 | 8.38 |                                   | 2.24                                    | 13.85                                  |       |
|                 | 8          | 6985                   | 9.09                                 | 8.79 |                                   | 1.26                                    | 13.21                                  |       |

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 =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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- OFDMA Modulation
- SPOT Check

Test SKU: SKU #1 (With INPAQ, WA-P-LELE-04-009)

### Tones: 26T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |            |       |                                                          |            |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|------------|-------|----------------------------------------------------------|------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 4 |       |                                                          | RU Index 8 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.51                                | -5.95 | 0.250                                                    | -6.31      | -6.04 | 0.250                                                    | -6.53      | -6.20 | 0.250                                                    | 3.92                                                    | 1.01                                    |
|               |            | 6175                   |       | -7.87                                | -7.96 | 0.250                                                    | -7.47      | -7.67 | 0.250                                                    | -7.87      | -7.87 | 0.250                                                    | 3.92                                                    | -0.39                                   |
|               |            | 6415                   |       | -7.97                                | -8.36 | 0.250                                                    | -8.04      | -8.28 | 0.250                                                    | -8.27      | -8.54 | 0.250                                                    | 3.86                                                    | -1.04                                   |
|               | 6          | 6435                   |       | -8.16                                | -8.19 | 0.250                                                    | -8.06      | -8.03 | 0.250                                                    | -8.27      | -8.39 | 0.250                                                    | 3.86                                                    | -0.92                                   |
|               |            | 6475                   |       | -8.33                                | -8.28 | 0.250                                                    | -8.11      | -8.30 | 0.250                                                    | -8.36      | -8.42 | 0.250                                                    | 3.86                                                    | -1.08                                   |
|               |            | 6515                   |       | -8.40                                | -8.53 | 0.250                                                    | -8.23      | -8.35 | 0.250                                                    | -8.51      | -8.67 | 0.250                                                    | 3.86                                                    | -1.17                                   |
|               | 7          | 6535                   |       | -9.11                                | -9.33 | 0.250                                                    | -9.11      | -9.12 | 0.250                                                    | -9.45      | -9.54 | 0.250                                                    | 3.86                                                    | -1.99                                   |
|               |            | 6695                   |       | -9.75                                | -9.18 | 0.250                                                    | -9.66      | -8.91 | 0.250                                                    | -9.81      | -9.12 | 0.250                                                    | 3.86                                                    | -2.15                                   |
|               |            | 6855                   |       | -9.25                                | -8.87 | 0.250                                                    | -9.19      | -8.67 | 0.250                                                    | -9.39      | -8.99 | 0.250                                                    | 3.29                                                    | -2.37                                   |
|               | 8          | 6875                   |       | -9.51                                | -8.91 | 0.250                                                    | -9.39      | -8.86 | 0.250                                                    | -9.68      | -9.16 | 0.250                                                    | 3.29                                                    | -2.57                                   |
|               |            | 6995                   |       | -8.54                                | -8.11 | 0.250                                                    | -8.32      | -7.97 | 0.250                                                    | -8.53      | -8.36 | 0.250                                                    | 3.29                                                    | -1.59                                   |
|               |            | 7115                   |       | -8.36                                | -7.93 | 0.250                                                    | -8.04      | -7.65 | 0.250                                                    | -8.26      | -7.80 | 0.250                                                    | 3.29                                                    | -1.29                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |            |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 8 |       |                                                          | RU Index 17 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.53                                | -6.28 | 0.250                                                    | -6.41      | -6.16 | 0.250                                                    | -6.46       | -6.16 | 0.250                                                    | 3.92                                                    | 0.90                                    |
|               |            | 6165                   |       | -7.49                                | -7.64 | 0.250                                                    | -7.71      | -7.80 | 0.250                                                    | -7.63       | -7.80 | 0.250                                                    | 3.92                                                    | -0.38                                   |
|               |            | 6405                   |       | -8.03                                | -8.13 | 0.250                                                    | -7.98      | -8.24 | 0.250                                                    | -8.26       | -8.49 | 0.250                                                    | 3.86                                                    | -0.96                                   |
|               | 6          | 6445                   |       | -8.07                                | -8.06 | 0.250                                                    | -8.40      | -8.26 | 0.250                                                    | -8.31       | -8.34 | 0.250                                                    | 3.86                                                    | -0.94                                   |
|               |            | 6485                   |       | -8.17                                | -8.18 | 0.250                                                    | -8.50      | -8.49 | 0.250                                                    | -8.65       | -8.62 | 0.250                                                    | 3.86                                                    | -1.05                                   |
|               | 7          | 6525                   |       | -8.39                                | -8.52 | 0.250                                                    | -8.72      | -8.75 | 0.250                                                    | -8.73       | -8.69 | 0.250                                                    | 3.86                                                    | -1.33                                   |
|               |            | 6685                   |       | -9.85                                | -9.23 | 0.250                                                    | -9.97      | -9.25 | 0.250                                                    | -9.86       | -9.21 | 0.250                                                    | 3.86                                                    | -2.40                                   |
|               |            | 6845                   |       | -9.15                                | -8.74 | 0.250                                                    | -9.23      | -8.83 | 0.250                                                    | -9.54       | -8.96 | 0.250                                                    | 3.29                                                    | -2.39                                   |
|               | 8          | 6885                   |       | -9.43                                | -9.05 | 0.250                                                    | -9.58      | -9.01 | 0.250                                                    | -9.65       | -9.21 | 0.250                                                    | 3.29                                                    | -2.69                                   |
|               |            | 7005                   |       | -8.34                                | -8.25 | 0.250                                                    | -8.45      | -8.49 | 0.250                                                    | -8.67       | -8.59 | 0.250                                                    | 3.29                                                    | -1.74                                   |
|               |            | 7085                   |       | -7.88                                | -7.49 | 0.250                                                    | -8.16      | -7.91 | 0.250                                                    | -9.08       | -8.65 | 0.250                                                    | 3.29                                                    | -1.13                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 18 |       |                                                          | RU Index 36 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.55                                | -5.94 | 0.250                                                    | -6.01       | -5.62 | 0.250                                                    | -6.86       | -6.46 | 0.250                                                    | 3.92                                                    | 1.37                                    |
|               |            | 6145                   |       | -7.55                                | -7.50 | 0.250                                                    | -7.20       | -7.13 | 0.250                                                    | -8.13       | -7.79 | 0.250                                                    | 3.92                                                    | 0.02                                    |
|               |            | 6385                   |       | -8.13                                | -8.04 | 0.250                                                    | -7.56       | -7.73 | 0.250                                                    | -8.43       | -8.35 | 0.250                                                    | 3.86                                                    | -0.52                                   |
|               | 6          | 6465                   |       | -8.62                                | -8.28 | 0.250                                                    | -8.19       | -7.88 | 0.250                                                    | -8.98       | -8.65 | 0.250                                                    | 3.86                                                    | -0.91                                   |
|               |            | 6545                   |       | -8.86                                | -8.61 | 0.250                                                    | -8.39       | -8.18 | 0.250                                                    | -9.44       | -9.07 | 0.250                                                    | 3.86                                                    | -1.16                                   |
|               | 7          | 6625                   |       | -9.96                                | -9.25 | 0.250                                                    | -9.58       | -8.71 | 0.250                                                    | -10.20      | -9.14 | 0.250                                                    | 3.86                                                    | -2.00                                   |
|               |            | 6705                   |       | -10.15                               | -9.17 | 0.250                                                    | -9.73       | -8.59 | 0.250                                                    | -10.32      | -9.27 | 0.250                                                    | 3.86                                                    | -2.00                                   |
|               |            | 6785                   |       | -9.43                                | -8.71 | 0.250                                                    | -8.63       | -8.16 | 0.250                                                    | -9.61       | -8.79 | 0.250                                                    | 3.86                                                    | -1.27                                   |
|               | 8          | 6865                   |       | -9.56                                | -8.78 | 0.250                                                    | -9.10       | -8.41 | 0.250                                                    | -10.13      | -9.40 | 0.250                                                    | 3.29                                                    | -2.19                                   |
|               |            | 6945                   |       | -8.50                                | -7.68 | 0.250                                                    | -8.05       | -7.34 | 0.250                                                    | -8.86       | -8.20 | 0.250                                                    | 3.29                                                    | -1.13                                   |
|               |            | 7025                   |       | -8.78                                | -8.35 | 0.250                                                    | -8.41       | -7.93 | 0.250                                                    | -9.48       | -8.78 | 0.250                                                    | 3.29                                                    | -1.61                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |                                                          |             |        |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|----------------------------------------------------------|-------------|--------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 0                           |        |                                                          | RU Index 18 |        |                                                          | RU Index 36 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -8.03                                | -8.29  | 0.250                                                    | -6.87       | -6.95  | 0.250                                                    | -6.50       | -6.30 | 0.250                                                    | 3.92                                                    | 0.78                                    |
|                      |            | 6185                   |       | -9.38                                | -9.02  | 0.250                                                    | -8.34       | -8.01  | 0.250                                                    | -7.83       | -7.62 | 0.250                                                    | 3.92                                                    | -0.54                                   |
|                      |            | 6345                   |       | -9.78                                | -9.10  | 0.250                                                    | -8.54       | -8.13  | 0.250                                                    | -8.28       | -7.63 | 0.250                                                    | 3.86                                                    | -0.82                                   |
|                      | 6          | 6505                   |       | -10.05                               | -9.75  | 0.250                                                    | -9.00       | -8.77  | 0.250                                                    | -8.71       | -8.30 | 0.250                                                    | 3.86                                                    | -1.38                                   |
|                      | 7          | 6665                   |       | -11.02                               | -11.22 | 0.250                                                    | -9.87       | -10.14 | 0.250                                                    | -9.45       | -9.61 | 0.250                                                    | 3.86                                                    | -2.41                                   |
|                      |            | 6825                   |       | -10.40                               | -10.69 | 0.250                                                    | -9.04       | -9.42  | 0.250                                                    | -8.63       | -8.99 | 0.250                                                    | 3.29                                                    | -2.26                                   |
|                      | 8          | 6985                   |       | -9.54                                | -9.67  | 0.250                                                    | -8.66       | -8.82  | 0.250                                                    | -8.25       | -8.19 | 0.250                                                    | 3.29                                                    | -1.67                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |        |                                                          |              |        |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|--------|----------------------------------------------------------|--------------|--------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S0                          |       |                                                          | RU Index S18 |        |                                                          | RU Index S36 |        |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.55                                | -6.22 | 0.250                                                    | -7.27        | -6.86  | 0.250                                                    | -8.75        | -8.50  | 0.250                                                    | 3.92                                                    | 0.80                                    |
|                      |            | 6185                   |       | -7.81                                | -7.66 | 0.250                                                    | -8.40        | -8.22  | 0.250                                                    | -9.93        | -9.67  | 0.250                                                    | 3.92                                                    | -0.55                                   |
|                      |            | 6345                   |       | -8.00                                | -7.59 | 0.250                                                    | -8.68        | -8.39  | 0.250                                                    | -10.34       | -9.92  | 0.250                                                    | 3.86                                                    | -0.67                                   |
|                      | 6          | 6505                   |       | -8.44                                | -8.32 | 0.250                                                    | -9.32        | -9.19  | 0.250                                                    | -10.88       | -10.82 | 0.250                                                    | 3.86                                                    | -1.26                                   |
|                      | 7          | 6665                   |       | -9.12                                | -9.64 | 0.250                                                    | -9.73        | -10.26 | 0.250                                                    | -10.90       | -11.58 | 0.250                                                    | 3.86                                                    | -2.25                                   |
|                      |            | 6825                   |       | -8.74                                | -9.11 | 0.250                                                    | -9.33        | -9.88  | 0.250                                                    | -10.98       | -11.32 | 0.250                                                    | 3.29                                                    | -2.37                                   |
|                      | 8          | 6985                   |       | -8.17                                | -8.33 | 0.250                                                    | -8.94        | -8.99  | 0.250                                                    | -10.40       | -10.60 | 0.250                                                    | 3.29                                                    | -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:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99\text{dBi}$$

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

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

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### Tones: 52T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 39 |       |                                                          | RU Index 40 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.21                                | -2.70 | 0.132                                                    | -3.09       | -2.91 | 0.132                                                    | -3.27       | -2.92 | 0.132                                                    | 3.92                                                    | 4.11                                    |
|               |            | 6175                   |       | -4.47                                | -4.68 | 0.132                                                    | -4.30       | -4.48 | 0.132                                                    | -4.42       | -4.70 | 0.132                                                    | 3.92                                                    | 2.67                                    |
|               |            | 6415                   |       | -4.82                                | -5.08 | 0.132                                                    | -4.86       | -5.16 | 0.132                                                    | -5.01       | -5.36 | 0.132                                                    | 3.86                                                    | 2.05                                    |
|               | 6          | 6435                   |       | -4.88                                | -5.07 | 0.132                                                    | -4.86       | -5.11 | 0.132                                                    | -5.13       | -5.13 | 0.132                                                    | 3.86                                                    | 2.03                                    |
|               |            | 6475                   |       | -5.13                                | -5.27 | 0.132                                                    | -5.01       | -5.12 | 0.132                                                    | -5.10       | -5.31 | 0.132                                                    | 3.86                                                    | 1.94                                    |
|               |            | 6515                   |       | -5.31                                | -5.30 | 0.132                                                    | -5.22       | -5.40 | 0.132                                                    | -5.23       | -5.47 | 0.132                                                    | 3.86                                                    | 1.70                                    |
|               | 7          | 6535                   |       | -6.02                                | -6.05 | 0.132                                                    | -6.06       | -6.04 | 0.132                                                    | -6.34       | -6.33 | 0.132                                                    | 3.86                                                    | 0.97                                    |
|               |            | 6695                   |       | -6.61                                | -6.06 | 0.132                                                    | -6.54       | -6.04 | 0.132                                                    | -6.58       | -6.07 | 0.132                                                    | 3.86                                                    | 0.72                                    |
|               |            | 6855                   |       | -6.17                                | -5.64 | 0.132                                                    | -6.24       | -5.60 | 0.132                                                    | -6.15       | -5.71 | 0.132                                                    | 3.29                                                    | 0.54                                    |
|               | 8          | 6875                   |       | -6.43                                | -5.74 | 0.132                                                    | -6.09       | -5.67 | 0.132                                                    | -6.44       | -5.89 | 0.132                                                    | 3.29                                                    | 0.56                                    |
|               |            | 6995                   |       | -5.46                                | -5.13 | 0.132                                                    | -5.28       | -4.93 | 0.132                                                    | -5.49       | -5.06 | 0.132                                                    | 3.29                                                    | 1.33                                    |
|               |            | 7115                   |       | -5.12                                | -4.73 | 0.132                                                    | -5.05       | -4.78 | 0.132                                                    | -8.92       | -8.39 | 0.132                                                    | 3.29                                                    | 1.52                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 40 |       |                                                          | RU Index 44 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.54                                | -3.00 | 0.132                                                    | -3.38       | -3.02 | 0.132                                                    | -3.42       | -3.09 | 0.132                                                    | 3.92                                                    | 3.87                                    |
|               |            | 6165                   |       | -4.33                                | -4.58 | 0.132                                                    | -4.39       | -4.65 | 0.132                                                    | -4.47       | -4.75 | 0.132                                                    | 3.92                                                    | 2.61                                    |
|               |            | 6405                   |       | -4.67                                | -5.28 | 0.132                                                    | -5.01       | -5.11 | 0.132                                                    | -4.96       | -5.31 | 0.132                                                    | 3.86                                                    | 2.04                                    |
|               | 6          | 6445                   |       | -5.12                                | -5.13 | 0.132                                                    | -5.26       | -4.99 | 0.132                                                    | -5.25       | -5.19 | 0.132                                                    | 3.86                                                    | 1.88                                    |
|               |            | 6485                   |       | -5.21                                | -5.21 | 0.132                                                    | -5.18       | -5.30 | 0.132                                                    | -5.18       | -5.34 | 0.132                                                    | 3.86                                                    | 1.79                                    |
|               | 7          | 6525                   |       | -5.49                                | -5.40 | 0.132                                                    | -5.51       | -5.61 | 0.132                                                    | -5.35       | -5.61 | 0.132                                                    | 3.86                                                    | 1.56                                    |
|               |            | 6685                   |       | -6.50                                | -6.13 | 0.132                                                    | -6.56       | -6.04 | 0.132                                                    | -6.66       | -6.16 | 0.132                                                    | 3.86                                                    | 0.71                                    |
|               |            | 6845                   |       | -6.12                                | -5.73 | 0.132                                                    | -6.41       | -5.67 | 0.132                                                    | -6.38       | -5.73 | 0.132                                                    | 3.29                                                    | 0.51                                    |
|               | 8          | 6885                   |       | -6.24                                | -5.89 | 0.132                                                    | -6.64       | -5.89 | 0.132                                                    | -6.60       | -6.17 | 0.132                                                    | 3.29                                                    | 0.37                                    |
|               |            | 7005                   |       | -5.37                                | -5.13 | 0.132                                                    | -5.40       | -5.11 | 0.132                                                    | -5.70       | -5.24 | 0.132                                                    | 3.29                                                    | 1.18                                    |
|               |            | 7085                   |       | -4.88                                | -4.48 | 0.132                                                    | -4.86       | -4.57 | 0.132                                                    | -5.11       | -4.82 | 0.132                                                    | 3.29                                                    | 1.76                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| 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<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.26                                | -3.44 | 0.132                                     | -2.85       | -2.98 | 0.132                                     | -3.52       | -3.53 | 0.132                                     | 3.92                                             | 4.15                             |
|               |            | 6145                   |       | -4.57                                | -4.21 | 0.132                                     | -4.31       | -4.17 | 0.132                                     | -5.09       | -4.74 | 0.132                                     | 3.92                                             | 2.82                             |
|               |            | 6385                   |       | -5.25                                | -4.94 | 0.132                                     | -4.95       | -4.62 | 0.132                                     | -5.66       | -5.62 | 0.132                                     | 3.86                                             | 2.22                             |
|               | 6          | 6465                   |       | -5.46                                | -5.63 | 0.132                                     | -5.15       | -5.24 | 0.132                                     | -5.81       | -5.86 | 0.132                                     | 3.86                                             | 1.81                             |
|               |            | 6545                   |       | -5.66                                | -5.78 | 0.132                                     | -5.52       | -5.53 | 0.132                                     | -6.04       | -6.43 | 0.132                                     | 3.86                                             | 1.48                             |
|               | 7          | 6625                   |       | -6.35                                | -7.12 | 0.132                                     | -6.11       | -6.78 | 0.132                                     | -6.37       | -7.28 | 0.132                                     | 3.86                                             | 0.57                             |
|               |            | 6705                   |       | -6.50                                | -7.35 | 0.132                                     | -5.84       | -6.82 | 0.132                                     | -6.42       | -7.45 | 0.132                                     | 3.86                                             | 0.70                             |
|               |            | 6785                   |       | -5.74                                | -6.45 | 0.132                                     | -5.43       | -6.11 | 0.132                                     | -5.90       | -6.70 | 0.132                                     | 3.86                                             | 1.25                             |
|               | 8          | 6865                   |       | -5.97                                | -6.83 | 0.132                                     | -5.60       | -6.55 | 0.132                                     | -6.40       | -7.18 | 0.132                                     | 3.29                                             | 0.38                             |
|               |            | 6945                   |       | -5.39                                | -5.65 | 0.132                                     | -4.67       | -5.23 | 0.132                                     | -5.41       | -5.89 | 0.132                                     | 3.29                                             | 1.49                             |
|               |            | 7025                   |       | -5.47                                | -6.09 | 0.132                                     | -5.31       | -5.80 | 0.132                                     | -5.97       | -6.40 | 0.132                                     | 3.29                                             | 0.88                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 37                          |       |                                                          | RU Index 44 |       |                                                          | RU Index 52 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.74                                | -4.96 | 0.132                                                    | -3.80       | -3.70 | 0.132                                                    | -3.21       | -3.16 | 0.132                                                    | 3.92                                                    | 3.88                                    |
|                      |            | 6185                   |       | -6.18                                | -5.57 | 0.132                                                    | -5.09       | -4.77 | 0.132                                                    | -4.60       | -4.32 | 0.132                                                    | 3.92                                                    | 2.60                                    |
|                      |            | 6345                   |       | -6.72                                | -6.02 | 0.132                                                    | -5.44       | -5.02 | 0.132                                                    | -4.98       | -4.55 | 0.132                                                    | 3.86                                                    | 2.24                                    |
|                      | 6          | 6505                   |       | -6.85                                | -6.72 | 0.132                                                    | -5.75       | -5.82 | 0.132                                                    | -5.44       | -5.30 | 0.132                                                    | 3.86                                                    | 1.63                                    |
|                      | 7          | 6665                   |       | -7.94                                | -8.26 | 0.132                                                    | -6.63       | -7.13 | 0.132                                                    | -6.08       | -6.54 | 0.132                                                    | 3.86                                                    | 0.70                                    |
|                      |            | 6825                   |       | -7.42                                | -7.66 | 0.132                                                    | -6.13       | -6.47 | 0.132                                                    | -5.64       | -6.18 | 0.132                                                    | 3.29                                                    | 0.53                                    |
|                      | 8          | 6985                   |       | -6.24                                | -6.67 | 0.132                                                    | -5.53       | -5.56 | 0.132                                                    | -5.09       | -5.36 | 0.132                                                    | 3.29                                                    | 1.21                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S37                         |       |                                                          | RU Index S44 |       |                                                          | RU Index S52 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.36                                | -3.25 | 0.132                                                    | -4.00        | -3.76 | 0.132                                                    | -5.71        | -5.36 | 0.132                                                    | 3.92                                                    | 3.76                                    |
|                      |            | 6185                   |       | -4.72                                | -4.49 | 0.132                                                    | -5.31        | -5.00 | 0.132                                                    | -6.57        | -6.67 | 0.132                                                    | 3.92                                                    | 2.46                                    |
|                      |            | 6345                   |       | -5.07                                | -4.56 | 0.132                                                    | -5.62        | -5.14 | 0.132                                                    | -7.29        | -6.63 | 0.132                                                    | 3.86                                                    | 2.19                                    |
|                      | 6          | 6505                   |       | -5.39                                | -5.30 | 0.132                                                    | -6.19        | -5.82 | 0.132                                                    | -7.66        | -7.47 | 0.132                                                    | 3.86                                                    | 1.66                                    |
|                      | 7          | 6665                   |       | -6.26                                | -6.77 | 0.132                                                    | -6.72        | -7.25 | 0.132                                                    | -7.86        | -8.51 | 0.132                                                    | 3.86                                                    | 0.49                                    |
|                      |            | 6825                   |       | -5.69                                | -6.13 | 0.132                                                    | -6.26        | -6.80 | 0.132                                                    | -7.98        | -8.39 | 0.132                                                    | 3.29                                                    | 0.53                                    |
|                      | 8          | 6985                   |       | -5.01                                | -5.40 | 0.132                                                    | -5.87        | -6.00 | 0.132                                                    | -7.49        | -7.59 | 0.132                                                    | 3.29                                                    | 1.23                                    |

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 &gt; 98%.

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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### Tones: 106T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 54 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.25                                | 0.11  | N/A                                                      | -0.31       | 0.02  | N/A                                                      | 3.92                                                    | 6.86                                    |
|               |            | 6175                   |       | -1.21                                | -1.39 | N/A                                                      | -1.42       | -1.44 | N/A                                                      | 3.92                                                    | 5.63                                    |
|               |            | 6415                   |       | -1.59                                | -1.99 | N/A                                                      | -1.78       | -2.16 | N/A                                                      | 3.86                                                    | 5.08                                    |
|               | 6          | 6435                   |       | -1.98                                | -1.80 | N/A                                                      | -1.92       | -1.86 | N/A                                                      | 3.86                                                    | 4.98                                    |
|               |            | 6475                   |       | -1.89                                | -2.07 | N/A                                                      | -2.25       | -2.18 | N/A                                                      | 3.86                                                    | 4.89                                    |
|               |            | 6515                   |       | -2.08                                | -2.19 | N/A                                                      | -2.18       | -2.14 | N/A                                                      | 3.86                                                    | 4.74                                    |
|               | 7          | 6535                   |       | -2.88                                | -3.13 | N/A                                                      | -3.16       | -3.22 | N/A                                                      | 3.86                                                    | 3.87                                    |
|               |            | 6695                   |       | -3.55                                | -3.00 | N/A                                                      | -3.52       | -2.92 | N/A                                                      | 3.86                                                    | 3.66                                    |
|               |            | 6855                   |       | -3.10                                | -2.62 | N/A                                                      | -3.23       | -2.57 | N/A                                                      | 3.29                                                    | 3.45                                    |
|               | 8          | 6875                   |       | -3.26                                | -2.72 | N/A                                                      | -3.34       | -2.77 | N/A                                                      | 3.29                                                    | 3.32                                    |
|               |            | 6995                   |       | -2.12                                | -1.81 | N/A                                                      | -2.18       | -1.95 | N/A                                                      | 3.29                                                    | 4.34                                    |
|               |            | 7115                   |       | -1.95                                | -1.59 | N/A                                                      | -8.91       | -8.28 | N/A                                                      | 3.29                                                    | 4.53                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 54 |       |                                                          | RU Index 56 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.25                                | 0.03  | N/A                                                      | -0.17       | -0.01 | N/A                                                      | -0.35       | -0.12 | N/A                                                      | 3.92                                                    | 6.84                                    |
|               |            | 6165                   |       | -1.34                                | -1.59 | N/A                                                      | -1.39       | -1.49 | N/A                                                      | -1.45       | -1.60 | N/A                                                      | 3.92                                                    | 5.49                                    |
|               |            | 6405                   |       | -1.76                                | -2.17 | N/A                                                      | -1.65       | -2.09 | N/A                                                      | -2.07       | -2.22 | N/A                                                      | 3.86                                                    | 5.01                                    |
|               | 6          | 6445                   |       | -2.03                                | -2.13 | N/A                                                      | -1.90       | -2.01 | N/A                                                      | -2.10       | -2.00 | N/A                                                      | 3.86                                                    | 4.92                                    |
|               |            | 6485                   |       | -2.06                                | -2.22 | N/A                                                      | -1.94       | -2.11 | N/A                                                      | -2.35       | -2.22 | N/A                                                      | 3.86                                                    | 4.85                                    |
|               | 7          | 6525                   |       | -2.36                                | -2.44 | N/A                                                      | -2.26       | -2.29 | N/A                                                      | -2.43       | -2.63 | N/A                                                      | 3.86                                                    | 4.60                                    |
|               |            | 6685                   |       | -3.42                                | -2.98 | N/A                                                      | -3.62       | -3.11 | N/A                                                      | -3.62       | -3.09 | N/A                                                      | 3.86                                                    | 3.68                                    |
|               |            | 6845                   |       | -3.05                                | -2.67 | N/A                                                      | -3.29       | -2.64 | N/A                                                      | -3.39       | -2.85 | N/A                                                      | 3.29                                                    | 3.44                                    |
|               | 8          | 6885                   |       | -3.35                                | -2.71 | N/A                                                      | -3.54       | -2.77 | N/A                                                      | -3.69       | -3.05 | N/A                                                      | 3.29                                                    | 3.28                                    |
|               |            | 7005                   |       | -2.47                                | -2.06 | N/A                                                      | -2.36       | -2.11 | N/A                                                      | -2.50       | -2.31 | N/A                                                      | 3.29                                                    | 4.07                                    |
|               |            | 7085                   |       | -1.95                                | -1.49 | N/A                                                      | -2.11       | -1.54 | N/A                                                      | -2.03       | -1.73 | N/A                                                      | 3.29                                                    | 4.59                                    |

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

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Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.37                                | -0.41 | N/A                                                      | 0.18        | -0.05 | N/A                                                      | -0.81       | -0.64 | N/A                                                      | 3.92                                                    | 7.00                                    |
|               |            | 6145                   |       | -1.68                                | -1.35 | N/A                                                      | -1.43       | -1.19 | N/A                                                      | -1.95       | -1.78 | N/A                                                      | 3.92                                                    | 5.62                                    |
|               |            | 6385                   |       | -2.32                                | -2.00 | N/A                                                      | -2.12       | -1.92 | N/A                                                      | -2.61       | -2.53 | N/A                                                      | 3.86                                                    | 4.85                                    |
|               | 6          | 6465                   |       | -2.36                                | -2.61 | N/A                                                      | -2.02       | -2.52 | N/A                                                      | -2.65       | -2.89 | N/A                                                      | 3.86                                                    | 4.61                                    |
|               |            | 6545                   |       | -2.73                                | -2.92 | N/A                                                      | -2.62       | -2.81 | N/A                                                      | -3.10       | -3.38 | N/A                                                      | 3.86                                                    | 4.16                                    |
|               | 7          | 6625                   |       | -3.42                                | -4.18 | N/A                                                      | -3.10       | -3.74 | N/A                                                      | -3.55       | -4.27 | N/A                                                      | 3.86                                                    | 3.46                                    |
|               |            | 6705                   |       | -3.40                                | -4.29 | N/A                                                      | -2.86       | -4.00 | N/A                                                      | -3.25       | -4.49 | N/A                                                      | 3.86                                                    | 3.48                                    |
|               |            | 6785                   |       | -2.39                                | -3.12 | N/A                                                      | -2.09       | -2.86 | N/A                                                      | -2.85       | -3.67 | N/A                                                      | 3.86                                                    | 4.41                                    |
|               | 8          | 6865                   |       | -2.66                                | -3.49 | N/A                                                      | -2.53       | -3.32 | N/A                                                      | -3.16       | -4.09 | N/A                                                      | 3.29                                                    | 3.39                                    |
|               |            | 6945                   |       | -1.76                                | -2.36 | N/A                                                      | -1.54       | -2.03 | N/A                                                      | -2.33       | -2.64 | N/A                                                      | 3.29                                                    | 4.52                                    |
|               |            | 7025                   |       | -2.26                                | -2.70 | N/A                                                      | -2.11       | -2.60 | N/A                                                      | -2.86       | -3.10 | N/A                                                      | 3.29                                                    | 3.95                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.51                                | -1.63 | N/A                                                      | -0.72       | -0.60 | N/A                                                      | -0.44       | -0.07 | N/A                                                      | 3.92                                                    | 6.68                                    |
|                      |            | 6185                   |       | -2.98                                | -2.66 | N/A                                                      | -2.10       | -1.85 | N/A                                                      | -1.74       | -1.38 | N/A                                                      | 3.92                                                    | 5.37                                    |
|                      |            | 6345                   |       | -3.67                                | -2.96 | N/A                                                      | -2.69       | -1.96 | N/A                                                      | -2.09       | -1.50 | N/A                                                      | 3.86                                                    | 5.09                                    |
|                      | 6          | 6505                   |       | -3.55                                | -3.51 | N/A                                                      | -2.49       | -2.50 | N/A                                                      | -2.25       | -2.18 | N/A                                                      | 3.86                                                    | 4.66                                    |
|                      | 7          | 6665                   |       | -4.83                                | -4.83 | N/A                                                      | -3.86       | -4.00 | N/A                                                      | -3.26       | -3.44 | N/A                                                      | 3.86                                                    | 3.52                                    |
|                      |            | 6825                   |       | -4.19                                | -4.22 | N/A                                                      | -3.49       | -3.32 | N/A                                                      | -2.91       | -2.65 | N/A                                                      | 3.29                                                    | 3.52                                    |
|                      | 8          | 6985                   |       | -3.31                                | -3.26 | N/A                                                      | -2.41       | -2.32 | N/A                                                      | -2.10       | -1.98 | N/A                                                      | 3.29                                                    | 4.26                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S53                         |       |                                                          | RU Index S56 |       |                                                          | RU Index S60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.40                                | -0.05 | N/A                                                      | -0.90        | -0.58 | N/A                                                      | -2.55        | -2.26 | N/A                                                      | 3.92                                                    | 6.71                                    |
|                      |            | 6185                   |       | -1.65                                | -1.44 | N/A                                                      | -2.15        | -1.80 | N/A                                                      | -3.48        | -3.48 | N/A                                                      | 3.92                                                    | 5.39                                    |
|                      |            | 6345                   |       | -1.93                                | -1.37 | N/A                                                      | -2.42        | -1.91 | N/A                                                      | -3.87        | -3.42 | N/A                                                      | 3.86                                                    | 5.23                                    |
|                      | 6          | 6505                   |       | -2.34                                | -2.21 | N/A                                                      | -2.90        | -2.81 | N/A                                                      | -4.51        | -4.20 | N/A                                                      | 3.86                                                    | 4.60                                    |
|                      | 7          | 6665                   |       | -3.52                                | -3.51 | N/A                                                      | -4.08        | -3.95 | N/A                                                      | -5.34        | -5.29 | N/A                                                      | 3.86                                                    | 3.36                                    |
|                      |            | 6825                   |       | -2.88                                | -2.92 | N/A                                                      | -3.34        | -3.38 | N/A                                                      | -4.89        | -4.95 | N/A                                                      | 3.29                                                    | 3.40                                    |
|                      | 8          | 6985                   |       | -2.12                                | -1.93 | N/A                                                      | -2.81        | -2.66 | N/A                                                      | -4.21        | -4.04 | N/A                                                      | 3.29                                                    | 4.28                                    |

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 &gt; 98%.

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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### Tones: 242T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.67                                 | 2.13  | 0.150                                                 | 3.92                                                    | 8.99                                    |
|               |            | 6175                   |       | 1.71                                 | 2.19  | 0.150                                                 | 3.92                                                    | 9.04                                    |
|               |            | 6415                   |       | 1.45                                 | 1.93  | 0.150                                                 | 3.86                                                    | 8.72                                    |
|               | 6          | 6435                   |       | 0.84                                 | 1.45  | 0.150                                                 | 3.86                                                    | 8.18                                    |
|               |            | 6475                   |       | 1.00                                 | 1.42  | 0.150                                                 | 3.86                                                    | 8.24                                    |
|               |            | 6515                   |       | 1.08                                 | 1.32  | 0.150                                                 | 3.86                                                    | 8.22                                    |
|               | 7          | 6535                   |       | 0.95                                 | 1.31  | 0.150                                                 | 3.86                                                    | 8.15                                    |
|               |            | 6695                   |       | 1.13                                 | 1.40  | 0.150                                                 | 3.86                                                    | 8.29                                    |
|               |            | 6855                   |       | 1.10                                 | 1.49  | 0.150                                                 | 3.29                                                    | 7.75                                    |
|               | 8          | 6875                   |       | 0.45                                 | 0.75  | 0.150                                                 | 3.29                                                    | 7.05                                    |
|               |            | 6995                   |       | 0.38                                 | 0.48  | 0.150                                                 | 3.29                                                    | 6.88                                    |
|               |            | 7115                   |       | -3.41                                | -3.04 | 0.150                                                 | 3.29                                                    | 3.23                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                          | RU Index 62 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.34                                 | 0.98  | 0.150                                                    | 1.49        | 0.96  | 0.150                                                    | 3.92                                                    | 8.31                                    |
|               |            | 6165                   |       | 1.17                                 | 1.06  | 0.150                                                    | 1.14        | 0.77  | 0.150                                                    | 3.92                                                    | 8.20                                    |
|               |            | 6405                   |       | 1.14                                 | 1.19  | 0.150                                                    | 1.15        | 1.09  | 0.150                                                    | 3.86                                                    | 8.19                                    |
|               | 6          | 6445                   |       | 0.61                                 | 0.83  | 0.150                                                    | 0.84        | 0.59  | 0.150                                                    | 3.86                                                    | 7.74                                    |
|               |            | 6485                   |       | 0.76                                 | 0.58  | 0.150                                                    | 0.48        | 0.96  | 0.150                                                    | 3.86                                                    | 7.75                                    |
|               | 7          | 6525                   |       | 0.89                                 | 0.52  | 0.150                                                    | 1.64        | 1.12  | 0.150                                                    | 3.86                                                    | 8.41                                    |
|               |            | 6685                   |       | 0.66                                 | -0.26 | 0.150                                                    | 0.79        | -0.23 | 0.150                                                    | 3.86                                                    | 7.33                                    |
|               |            | 6845                   |       | 0.62                                 | -0.38 | 0.150                                                    | 0.70        | -0.20 | 0.150                                                    | 3.29                                                    | 6.72                                    |
|               | 8          | 6885                   |       | 0.36                                 | -0.39 | 0.150                                                    | 0.32        | -0.37 | 0.150                                                    | 3.29                                                    | 6.45                                    |
|               |            | 7005                   |       | 0.35                                 | -0.75 | 0.150                                                    | 0.32        | -0.50 | 0.150                                                    | 3.29                                                    | 6.38                                    |
|               |            | 7085                   |       | 0.30                                 | -0.35 | 0.150                                                    | 0.68        | 0.07  | 0.150                                                    | 3.29                                                    | 6.84                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| 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<br>10log(1/X)<br>Note 3 | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 1.86                                 | 2.42 | 0.150                                     | 2.02        | 2.61 | 0.150                                     | 1.89        | 1.98 | 0.150                                     | 3.92                                             | 9.41                             |
|               |            | 6145                   |       | 1.96                                 | 2.26 | 0.150                                     | 1.94        | 2.31 | 0.150                                     | 1.59        | 2.09 | 0.150                                     | 3.92                                             | 9.21                             |
|               |            | 6385                   |       | 1.54                                 | 1.81 | 0.150                                     | 2.01        | 2.09 | 0.150                                     | 1.93        | 1.97 | 0.150                                     | 3.86                                             | 9.07                             |
|               | 6          | 6465                   |       | 1.3                                  | 1.32 | 0.150                                     | 2.36        | 2.31 | 0.150                                     | 1.27        | 1.35 | 0.150                                     | 3.86                                             | 9.36                             |
|               |            | 6545                   |       | 0.83                                 | 1.66 | 0.150                                     | 1.78        | 2.59 | 0.150                                     | 1.65        | 2.06 | 0.150                                     | 3.86                                             | 9.22                             |
|               | 7          | 6625                   |       | 0.35                                 | 1.45 | 0.150                                     | 0.74        | 1.57 | 0.150                                     | 0.34        | 1.31 | 0.150                                     | 3.86                                             | 8.20                             |
|               |            | 6705                   |       | 0.53                                 | 1.30 | 0.150                                     | 0.66        | 1.47 | 0.150                                     | 0.51        | 1.25 | 0.150                                     | 3.86                                             | 8.10                             |
|               |            | 6785                   |       | 0.40                                 | 1.26 | 0.150                                     | 0.47        | 1.26 | 0.150                                     | 0.49        | 1.41 | 0.150                                     | 3.86                                             | 7.99                             |
|               | 8          | 6865                   |       | 0.31                                 | 0.98 | 0.150                                     | 0.72        | 1.64 | 0.150                                     | 0.03        | 0.45 | 0.150                                     | 3.29                                             | 7.65                             |
|               |            | 6945                   |       | 0.07                                 | 0.59 | 0.150                                     | 0.82        | 1.58 | 0.150                                     | -0.16       | 0.49 | 0.150                                     | 3.29                                             | 7.67                             |
|               |            | 7025                   |       | -0.24                                | 0.64 | 0.150                                     | 0.7         | 1.66 | 0.150                                     | -0.4        | 0.73 | 0.150                                     | 3.29                                             | 7.66                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.39                                 | 2.12 | 0.150                                                    | 1.85        | 2.57 | 0.150                                                    | 1.16        | 2.03 | 0.150                                                    | 3.92                                                    | 9.31                                    |
|                      |            | 6185                   |       | 1.33                                 | 1.92 | 0.150                                                    | 1.73        | 2.35 | 0.150                                                    | 1.32        | 1.88 | 0.150                                                    | 3.92                                                    | 9.13                                    |
|                      |            | 6345                   |       | 1.45                                 | 1.95 | 0.150                                                    | 1.72        | 2.26 | 0.150                                                    | 1.26        | 1.92 | 0.150                                                    | 3.86                                                    | 9.02                                    |
|                      | 6          | 6505                   |       | 1.04                                 | 1.42 | 0.150                                                    | 2.09        | 2.58 | 0.150                                                    | 0.97        | 1.29 | 0.150                                                    | 3.86                                                    | 9.36                                    |
|                      | 7          | 6665                   |       | -0.32                                | 0.86 | 0.150                                                    | 0.07        | 1.36 | 0.150                                                    | -0.18       | 1.4  | 0.150                                                    | 3.86                                                    | 7.78                                    |
|                      |            | 6825                   |       | -0.53                                | 0.91 | 0.150                                                    | -0.23       | 1.24 | 0.150                                                    | -0.61       | 0.87 | 0.150                                                    | 3.29                                                    | 7.02                                    |
|                      | 8          | 6985                   |       | -1.00                                | 0.15 | 0.150                                                    | 0.19        | 1.59 | 0.150                                                    | -0.99       | 0.42 | 0.150                                                    | 3.29                                                    | 7.40                                    |

| 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<br>10log(1/X)<br>Note 3 | AUX          | Main | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX          | Main | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.10                                 | 2.29 | 0.150                                     | 1.08         | 1.95 | 0.150                                     | 1.19         | 2.16 | 0.150                                     | 3.92                                             | 8.82                             |
|                      |            | 6185                   |       | 1.31                                 | 1.91 | 0.150                                     | 1.03         | 2.08 | 0.150                                     | 1.33         | 2.00 | 0.150                                     | 3.92                                             | 8.76                             |
|                      |            | 6345                   |       | 1.13                                 | 1.70 | 0.150                                     | 1.20         | 1.91 | 0.150                                     | 1.42         | 1.98 | 0.150                                     | 3.86                                             | 8.73                             |
|                      | 6          | 6505                   |       | 0.97                                 | 1.50 | 0.150                                     | 1.60         | 2.24 | 0.150                                     | 1.35         | 2.07 | 0.150                                     | 3.86                                             | 8.95                             |
|                      | 7          | 6665                   |       | -0.6                                 | 0.86 | 0.150                                     | -0.78        | 0.88 | 0.150                                     | -0.86        | 1.07 | 0.150                                     | 3.86                                             | 7.23                             |
|                      |            | 6825                   |       | -0.91                                | 0.85 | 0.150                                     | -0.1         | 0.83 | 0.150                                     | -0.64        | 0.49 | 0.150                                     | 3.29                                             | 6.84                             |
|                      | 8          | 6985                   |       | -1.05                                | 0.26 | 0.150                                     | -0.26        | 1.01 | 0.150                                     | -0.92        | 0.51 | 0.150                                     | 3.29                                             | 6.87                             |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 4.79                                 | 5.22 | N/A                                                   | 3.92                                                    | 11.94                                   |
|               |            | 6165                   |       | 4.66                                 | 5.16 | N/A                                                   | 3.92                                                    | 11.85                                   |
|               |            | 6405                   |       | 4.61                                 | 5.01 | N/A                                                   | 3.86                                                    | 11.68                                   |
|               | 6          | 6445                   |       | 4.73                                 | 5.13 | N/A                                                   | 3.86                                                    | 11.80                                   |
|               |            | 6485                   |       | 4.93                                 | 5.30 | N/A                                                   | 3.86                                                    | 11.99                                   |
|               | 7          | 6525                   |       | 4.90                                 | 5.04 | N/A                                                   | 3.86                                                    | 11.84                                   |
|               |            | 6685                   |       | 4.24                                 | 4.53 | N/A                                                   | 3.86                                                    | 11.26                                   |
|               |            | 6845                   |       | 4.09                                 | 4.35 | N/A                                                   | 3.29                                                    | 10.52                                   |
|               | 8          | 6885                   |       | 4.26                                 | 4.56 | N/A                                                   | 3.29                                                    | 10.71                                   |
|               |            | 7005                   |       | 4.20                                 | 4.29 | N/A                                                   | 3.29                                                    | 10.55                                   |
|               |            | 7085                   |       | 4.37                                 | 4.57 | N/A                                                   | 3.29                                                    | 10.77                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                          | RU Index 66 |      |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 4.87                                 | 5.02 | N/A                                                      | 4.78        | 5.06 | N/A                                                      | 3.92                                                    | 11.88                                   |
|               |            | 6145                   |       | 4.88                                 | 5.00 | N/A                                                      | 5.03        | 4.85 | N/A                                                      | 3.92                                                    | 11.87                                   |
|               |            | 6385                   |       | 4.59                                 | 4.76 | N/A                                                      | 4.83        | 4.83 | N/A                                                      | 3.86                                                    | 11.70                                   |
|               | 6          | 6465                   |       | 4.94                                 | 4.75 | N/A                                                      | 4.8         | 4.96 | N/A                                                      | 3.86                                                    | 11.75                                   |
|               |            | 6545                   |       | 4.59                                 | 5.29 | N/A                                                      | 4.66        | 4.94 | N/A                                                      | 3.86                                                    | 11.82                                   |
|               | 7          | 6625                   |       | 3.75                                 | 4.15 | N/A                                                      | 3.84        | 4.09 | N/A                                                      | 3.86                                                    | 10.84                                   |
|               |            | 6705                   |       | 3.83                                 | 4.21 | N/A                                                      | 3.88        | 4.35 | N/A                                                      | 3.86                                                    | 10.99                                   |
|               |            | 6785                   |       | 3.73                                 | 4.08 | N/A                                                      | 3.66        | 4.20 | N/A                                                      | 3.86                                                    | 10.81                                   |
|               | 8          | 6865                   |       | 3.70                                 | 4.17 | N/A                                                      | 3.97        | 4.15 | N/A                                                      | 3.29                                                    | 10.36                                   |
|               |            | 6945                   |       | 4.04                                 | 4.05 | N/A                                                      | 3.73        | 4.15 | N/A                                                      | 3.29                                                    | 10.35                                   |
|               |            | 7025                   |       | 3.72                                 | 4.14 | N/A                                                      | 4.01        | 4.24 | N/A                                                      | 3.29                                                    | 10.43                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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

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| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                           |             |      |                                                           | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|-----------------------------------------------------------|-------------|------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 65                          |      |                                                           | RU Index 66 |      |                                                           |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> | AUX         | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.56                                 | 4.79 | N/A                                                       | 4.29        | 4.90 | N/A                                                       | 3.92                                                    | 11.61                                   |
|                      |            | 6185                   |       | 4.47                                 | 4.83 | N/A                                                       | 4.51        | 4.74 | N/A                                                       | 3.92                                                    | 11.58                                   |
|                      |            | 6345                   |       | 4.41                                 | 4.77 | N/A                                                       | 4.50        | 4.78 | N/A                                                       | 3.86                                                    | 11.51                                   |
|                      | 6          | 6505                   |       | 4.79                                 | 4.55 | N/A                                                       | 4.60        | 4.93 | N/A                                                       | 3.86                                                    | 11.64                                   |
|                      | 7          | 6665                   |       | 3.61                                 | 3.99 | N/A                                                       | 3.14        | 3.79 | N/A                                                       | 3.86                                                    | 10.67                                   |
|                      |            | 6825                   |       | 3.37                                 | 4.07 | N/A                                                       | 3.31        | 4.21 | N/A                                                       | 3.29                                                    | 10.08                                   |
|                      | 8          | 6985                   |       | 3.73                                 | 3.92 | N/A                                                       | 3.39        | 4.25 | N/A                                                       | 3.29                                                    | 10.14                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                           |              |      |                                                           | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|-----------------------------------------------------------|--------------|------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S65                         |      |                                                           | RU Index S66 |      |                                                           |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 4.34                                 | 4.81 | N/A                                                       | 4.35         | 4.82 | N/A                                                       | 3.92                                                    | 11.52                                   |
|                      |            | 6185                   |       | 4.23                                 | 4.70 | N/A                                                       | 4.34         | 4.68 | N/A                                                       | 3.92                                                    | 11.44                                   |
|                      |            | 6345                   |       | 4.05                                 | 4.53 | N/A                                                       | 4.41         | 4.63 | N/A                                                       | 3.86                                                    | 11.39                                   |
|                      | 6          | 6505                   |       | 4.40                                 | 4.89 | N/A                                                       | 4.47         | 4.93 | N/A                                                       | 3.86                                                    | 11.58                                   |
|                      | 7          | 6665                   |       | 3.54                                 | 4.01 | N/A                                                       | 3.44         | 4.03 | N/A                                                       | 3.86                                                    | 10.65                                   |
|                      |            | 6825                   |       | 3.40                                 | 3.91 | N/A                                                       | 3.51         | 4.00 | N/A                                                       | 3.29                                                    | 10.06                                   |
|                      | 8          | 6985                   |       | 3.54                                 | 3.93 | N/A                                                       | 3.61         | 4.15 | N/A                                                       | 3.29                                                    | 10.19                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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

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### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 6.93                                 | 6.18 | 0.159                                                 | 3.92                                                    | 13.66                                   |
|               |            | 6145                   |       | 6.80                                 | 5.88 | 0.159                                                 | 3.92                                                    | 13.45                                   |
|               |            | 6385                   |       | 6.90                                 | 6.38 | 0.159                                                 | 3.86                                                    | 13.68                                   |
|               | 6          | 6465                   |       | 6.77                                 | 5.98 | 0.159                                                 | 3.86                                                    | 13.42                                   |
|               |            | 6545                   |       | 6.86                                 | 6.07 | 0.159                                                 | 3.86                                                    | 13.51                                   |
|               | 7          | 6625                   |       | 6.31                                 | 5.16 | 0.159                                                 | 3.86                                                    | 12.80                                   |
|               |            | 6705                   |       | 6.01                                 | 4.98 | 0.159                                                 | 3.86                                                    | 12.55                                   |
|               |            | 6785                   |       | 5.73                                 | 5.03 | 0.159                                                 | 3.86                                                    | 12.42                                   |
|               | 8          | 6865                   |       | 5.82                                 | 4.94 | 0.159                                                 | 3.29                                                    | 11.86                                   |
|               |            | 6945                   |       | 6.01                                 | 5.36 | 0.159                                                 | 3.29                                                    | 12.16                                   |
|               |            | 7025                   |       | 6.08                                 | 5.50 | 0.159                                                 | 3.29                                                    | 12.26                                   |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                           |              |      |                                                           | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------|------------|------------------------|-------|--------------------------------------|------|-----------------------------------------------------------|--------------|------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                |            |                        |       | RU Index 67                          |      |                                                           | RU Index S67 |      |                                                           |                                                         |                                         |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 6.79                                 | 6.49 | 0.159                                                     | 6.89         | 6.22 | 0.159                                                     | 3.92                                                    | 13.73                                   |
|                |            | 6185                   |       | 6.93                                 | 6.27 | 0.159                                                     | 7.06         | 6.51 | 0.159                                                     | 3.92                                                    | 13.88                                   |
|                |            | 6345                   |       | 7.40                                 | 6.55 | 0.159                                                     | 7.15         | 6.51 | 0.159                                                     | 3.86                                                    | 14.03                                   |
|                | 6          | 6505                   |       | 6.44                                 | 5.74 | 0.159                                                     | 6.55         | 5.90 | 0.159                                                     | 3.86                                                    | 13.27                                   |
|                | 7          | 6665                   |       | 6.48                                 | 5.39 | 0.159                                                     | 6.15         | 5.37 | 0.159                                                     | 3.86                                                    | 13.00                                   |
|                |            | 6825                   |       | 6.01                                 | 5.27 | 0.159                                                     | 5.58         | 4.92 | 0.159                                                     | 3.29                                                    | 12.12                                   |
|                | 8          | 6985                   |       | 5.87                                 | 5.22 | 0.159                                                     | 6.04         | 5.01 | 0.159                                                     | 3.29                                                    | 12.02                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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Test SKU: SKU #2 (With LUXSHARE-ICT, L1LRF008-CS-H)

### Tones: 26T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                             |            |       |                                                             |            |       |                                                             | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------------|------------|-------|-------------------------------------------------------------|------------|-------|-------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                             | RU Index 4 |       |                                                             | RU Index 8 |       |                                                             |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.51                                | -5.95 | 0.250                                                       | -6.31      | -6.04 | 0.250                                                       | -6.53      | -6.20 | 0.250                                                       | 3.92                                                    | 1.01                                    |
|               |            | 6175                   |       | -7.87                                | -7.96 | 0.250                                                       | -7.47      | -7.67 | 0.250                                                       | -7.87      | -7.87 | 0.250                                                       | 3.92                                                    | -0.39                                   |
|               |            | 6415                   |       | -7.97                                | -8.36 | 0.250                                                       | -8.04      | -8.28 | 0.250                                                       | -8.27      | -8.54 | 0.250                                                       | 2.48                                                    | -2.42                                   |
|               | 6          | 6435                   |       | -8.16                                | -8.19 | 0.250                                                       | -8.06      | -8.03 | 0.250                                                       | -8.27      | -8.39 | 0.250                                                       | 2.48                                                    | -2.30                                   |
|               |            | 6475                   |       | -8.33                                | -8.28 | 0.250                                                       | -8.11      | -8.30 | 0.250                                                       | -8.36      | -8.42 | 0.250                                                       | 2.48                                                    | -2.46                                   |
|               |            | 6515                   |       | -8.40                                | -8.53 | 0.250                                                       | -8.23      | -8.35 | 0.250                                                       | -8.51      | -8.67 | 0.250                                                       | 2.48                                                    | -2.55                                   |
|               | 7          | 6535                   |       | -9.11                                | -9.33 | 0.250                                                       | -9.11      | -9.12 | 0.250                                                       | -9.45      | -9.54 | 0.250                                                       | 2.48                                                    | -3.37                                   |
|               |            | 6695                   |       | -9.75                                | -9.18 | 0.250                                                       | -9.66      | -8.91 | 0.250                                                       | -9.81      | -9.12 | 0.250                                                       | 2.48                                                    | -3.53                                   |
|               |            | 6855                   |       | -9.25                                | -8.87 | 0.250                                                       | -9.19      | -8.67 | 0.250                                                       | -9.39      | -8.99 | 0.250                                                       | -2.99                                                   | -8.65                                   |
|               | 8          | 6875                   |       | -9.51                                | -8.91 | 0.250                                                       | -9.39      | -8.86 | 0.250                                                       | -9.68      | -9.16 | 0.250                                                       | -2.99                                                   | -8.85                                   |
|               |            | 6995                   |       | -8.54                                | -8.11 | 0.250                                                       | -8.32      | -7.97 | 0.250                                                       | -8.53      | -8.36 | 0.250                                                       | -2.99                                                   | -7.87                                   |
|               |            | 7115                   |       | -8.36                                | -7.93 | 0.250                                                       | -8.04      | -7.65 | 0.250                                                       | -8.26      | -7.80 | 0.250                                                       | -2.99                                                   | -7.57                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |            |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 8 |       |                                                          | RU Index 17 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.53                                | -6.28 | 0.250                                                    | -6.41      | -6.16 | 0.250                                                    | -6.46       | -6.16 | 0.250                                                    | 3.92                                                    | 0.90                                    |
|               |            | 6165                   |       | -7.49                                | -7.64 | 0.250                                                    | -7.71      | -7.80 | 0.250                                                    | -7.63       | -7.80 | 0.250                                                    | 3.92                                                    | -0.38                                   |
|               |            | 6405                   |       | -8.03                                | -8.13 | 0.250                                                    | -7.98      | -8.24 | 0.250                                                    | -8.26       | -8.49 | 0.250                                                    | 2.48                                                    | -2.34                                   |
|               | 6          | 6445                   |       | -8.07                                | -8.06 | 0.250                                                    | -8.40      | -8.26 | 0.250                                                    | -8.31       | -8.34 | 0.250                                                    | 2.48                                                    | -2.32                                   |
|               |            | 6485                   |       | -8.17                                | -8.18 | 0.250                                                    | -8.50      | -8.49 | 0.250                                                    | -8.65       | -8.62 | 0.250                                                    | 2.48                                                    | -2.43                                   |
|               | 7          | 6525                   |       | -8.39                                | -8.52 | 0.250                                                    | -8.72      | -8.75 | 0.250                                                    | -8.73       | -8.69 | 0.250                                                    | 2.48                                                    | -2.71                                   |
|               |            | 6685                   |       | -9.85                                | -9.23 | 0.250                                                    | -9.97      | -9.25 | 0.250                                                    | -9.86       | -9.21 | 0.250                                                    | 2.48                                                    | -3.78                                   |
|               |            | 6845                   |       | -9.15                                | -8.74 | 0.250                                                    | -9.23      | -8.83 | 0.250                                                    | -9.54       | -8.96 | 0.250                                                    | -2.99                                                   | -8.67                                   |
|               | 8          | 6885                   |       | -9.43                                | -9.05 | 0.250                                                    | -9.58      | -9.01 | 0.250                                                    | -9.65       | -9.21 | 0.250                                                    | -2.99                                                   | -8.97                                   |
|               |            | 7005                   |       | -8.34                                | -8.25 | 0.250                                                    | -8.45      | -8.49 | 0.250                                                    | -8.67       | -8.59 | 0.250                                                    | -2.99                                                   | -8.02                                   |
|               |            | 7085                   |       | -7.88                                | -7.49 | 0.250                                                    | -8.16      | -7.91 | 0.250                                                    | -9.08       | -8.65 | 0.250                                                    | -2.99                                                   | -7.41                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                      |             |       |                                                      |             |        |                                                      | Directional Antenna Gain (dBi)<br><sup>Note 4</sup> | Max EIRP (dBm)<br><sup>Note 5</sup> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|------------------------------------------------------|-------------|-------|------------------------------------------------------|-------------|--------|------------------------------------------------------|-----------------------------------------------------|-------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                      | RU Index 18 |       |                                                      | RU Index 36 |        |                                                      |                                                     |                                     |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main   | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> |                                                     |                                     |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.55                                | -5.94 | 0.250                                                | -6.01       | -5.62 | 0.250                                                | -6.86       | -6.46  | 0.250                                                | 3.92                                                | 1.37                                |
|               |            | 6145                   |       | -7.55                                | -7.50 | 0.250                                                | -7.20       | -7.13 | 0.250                                                | -8.13       | -7.79  | 0.250                                                | 3.92                                                | 0.02                                |
|               |            | 6385                   |       | -8.13                                | -8.04 | 0.250                                                | -7.56       | -7.73 | 0.250                                                | -8.43       | -8.35  | 0.250                                                | 2.48                                                | -1.90                               |
|               | 6          | 6465                   |       | -8.62                                | -8.28 | 0.250                                                | -8.19       | -7.88 | 0.250                                                | -8.98       | -8.65  | 0.250                                                | 2.48                                                | -2.29                               |
|               |            | 6545                   |       | -8.86                                | -8.61 | 0.250                                                | -8.39       | -8.18 | 0.250                                                | -9.44       | -9.07  | 0.250                                                | 2.48                                                | -2.54                               |
|               |            | 6625                   |       | -9.96                                | -9.25 | 0.250                                                | -9.58       | -8.71 | 0.250                                                | -10.20      | -9.14  | 0.250                                                | 2.48                                                | -3.38                               |
|               | 7          | 6705                   |       | -10.15                               | -9.17 | 0.250                                                | -9.73       | -8.59 | 0.250                                                | -10.32      | -9.27  | 0.250                                                | 2.48                                                | -3.38                               |
|               |            | 6785                   |       | -9.43                                | -8.71 | 0.250                                                | -8.63       | -8.16 | 0.250                                                | -9.61       | -8.79  | 0.250                                                | 2.48                                                | -2.65                               |
|               |            | 8                      |       | 6865                                 | -9.56 | -8.78                                                | 0.250       | -9.10 | -8.41                                                | 0.250       | -10.13 | -9.40                                                | 0.250                                               | -2.99                               |
|               | 6945       |                        |       | -8.50                                | -7.68 | 0.250                                                | -8.05       | -7.34 | 0.250                                                | -8.86       | -8.20  | 0.250                                                | -2.99                                               | -7.41                               |
|               | 7025       |                        |       | -8.78                                | -8.35 | 0.250                                                | -8.41       | -7.93 | 0.250                                                | -9.48       | -8.78  | 0.250                                                | -2.99                                               | -7.89                               |
|               |            |                        |       |                                      |       |                                                      |             |       |                                                      |             |        |                                                      |                                                     |                                     |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |                                                      |             |        |                                                      |             |       |                                                      | Directional Antenna Gain (dBi)<br><sup>Note 4</sup> | Max EIRP (dBm)<br><sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|------------------------------------------------------|-------------|--------|------------------------------------------------------|-------------|-------|------------------------------------------------------|-----------------------------------------------------|-------------------------------------|
|                      |            |                        |       | RU Index 0                           |        |                                                      | RU Index 18 |        |                                                      | RU Index 36 |       |                                                      |                                                     |                                     |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main   | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> |                                                     |                                     |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -8.03                                | -8.29  | 0.250                                                | -6.87       | -6.95  | 0.250                                                | -6.50       | -6.30 | 0.250                                                | 3.92                                                | 0.78                                |
|                      |            | 6185                   |       | -9.38                                | -9.02  | 0.250                                                | -8.34       | -8.01  | 0.250                                                | -7.83       | -7.62 | 0.250                                                | 3.92                                                | -0.54                               |
|                      |            | 6345                   |       | -9.78                                | -9.10  | 0.250                                                | -8.54       | -8.13  | 0.250                                                | -8.28       | -7.63 | 0.250                                                | 2.48                                                | -2.20                               |
|                      | 6          | 6505                   |       | -10.05                               | -9.75  | 0.250                                                | -9.00       | -8.77  | 0.250                                                | -8.71       | -8.30 | 0.250                                                | 2.48                                                | -2.76                               |
|                      | 7          | 6665                   |       | -11.02                               | -11.22 | 0.250                                                | -9.87       | -10.14 | 0.250                                                | -9.45       | -9.61 | 0.250                                                | 2.48                                                | -3.79                               |
|                      |            | 6825                   |       | -10.40                               | -10.69 | 0.250                                                | -9.04       | -9.42  | 0.250                                                | -8.63       | -8.99 | 0.250                                                | -2.99                                               | -8.54                               |
|                      | 8          | 6985                   |       | -9.54                                | -9.67  | 0.250                                                | -8.66       | -8.82  | 0.250                                                | -8.25       | -8.19 | 0.250                                                | -2.99                                               | -7.95                               |
|                      |            |                        |       |                                      |        |                                                      |             |        |                                                      |             |       |                                                      |                                                     |                                     |

| 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 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   | -6.55                                | -6.22 | 0.250                                          | -7.27        | -6.86  | 0.250                                          | -8.75        | -8.50  | 0.250                                          | 3.92                                             | 0.80                             |
|                      |            | 6185                   |       | -7.81                                | -7.66 | 0.250                                          | -8.40        | -8.22  | 0.250                                          | -9.93        | -9.67  | 0.250                                          | 3.92                                             | -0.55                            |
|                      |            | 6345                   |       | -8.00                                | -7.59 | 0.250                                          | -8.68        | -8.39  | 0.250                                          | -10.34       | -9.92  | 0.250                                          | 2.48                                             | -2.05                            |
|                      | 6          | 6505                   |       | -8.44                                | -8.32 | 0.250                                          | -9.32        | -9.19  | 0.250                                          | -10.88       | -10.82 | 0.250                                          | 2.48                                             | -2.64                            |
|                      | 7          | 6665                   |       | -9.12                                | -9.64 | 0.250                                          | -9.73        | -10.26 | 0.250                                          | -10.90       | -11.58 | 0.250                                          | 2.48                                             | -3.63                            |
|                      |            | 6825                   |       | -8.74                                | -9.11 | 0.250                                          | -9.33        | -9.88  | 0.250                                          | -10.98       | -11.32 | 0.250                                          | -2.99                                            | -8.65                            |
|                      | 8          | 6985                   |       | -8.17                                | -8.33 | 0.250                                          | -8.94        | -8.99  | 0.250                                          | -10.40       | -10.60 | 0.250                                          | -2.99                                            | -7.98                            |
|                      |            |                        |       |                                      |       |                                                |              |        |                                                |              |        |                                                |                                                  |                                  |

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 &gt; 98%.

4. 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>4.7/10</sup> + 10<sup>2.9/10</sup>)/2]= 3.92dBi

6525MHz: Directional gain = 10 log[(10<sup>1.3/10</sup> + 10<sup>3.4/10</sup>)/2]= 2.48dBi

7125MHz: Directional gain = 10 log[(10<sup>-1.6/10</sup> + 10<sup>-4.9/10</sup>)/2]= -2.99dBi

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

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

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### Tones: 52T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 39 |       |                                                          | RU Index 40 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.21                                | -2.70 | 0.132                                                    | -3.09       | -2.91 | 0.132                                                    | -3.27       | -2.92 | 0.132                                                    | 3.92                                                    | 4.11                                    |
|               |            | 6175                   |       | -4.47                                | -4.68 | 0.132                                                    | -4.30       | -4.48 | 0.132                                                    | -4.42       | -4.70 | 0.132                                                    | 3.92                                                    | 2.67                                    |
|               |            | 6415                   |       | -4.82                                | -5.08 | 0.132                                                    | -4.86       | -5.16 | 0.132                                                    | -5.01       | -5.36 | 0.132                                                    | 2.48                                                    | 0.67                                    |
|               | 6          | 6435                   |       | -4.88                                | -5.07 | 0.132                                                    | -4.86       | -5.11 | 0.132                                                    | -5.13       | -5.13 | 0.132                                                    | 2.48                                                    | 0.65                                    |
|               |            | 6475                   |       | -5.13                                | -5.27 | 0.132                                                    | -5.01       | -5.12 | 0.132                                                    | -5.10       | -5.31 | 0.132                                                    | 2.48                                                    | 0.56                                    |
|               |            | 6515                   |       | -5.31                                | -5.30 | 0.132                                                    | -5.22       | -5.40 | 0.132                                                    | -5.23       | -5.47 | 0.132                                                    | 2.48                                                    | 0.32                                    |
|               | 7          | 6535                   |       | -6.02                                | -6.05 | 0.132                                                    | -6.06       | -6.04 | 0.132                                                    | -6.34       | -6.33 | 0.132                                                    | 2.48                                                    | -0.41                                   |
|               |            | 6695                   |       | -6.61                                | -6.06 | 0.132                                                    | -6.54       | -6.04 | 0.132                                                    | -6.58       | -6.07 | 0.132                                                    | 2.48                                                    | -0.66                                   |
|               |            | 6855                   |       | -6.17                                | -5.64 | 0.132                                                    | -6.24       | -5.60 | 0.132                                                    | -6.15       | -5.71 | 0.132                                                    | -2.99                                                   | -5.74                                   |
|               | 8          | 6875                   |       | -6.43                                | -5.74 | 0.132                                                    | -6.09       | -5.67 | 0.132                                                    | -6.44       | -5.89 | 0.132                                                    | -2.99                                                   | -5.72                                   |
|               |            | 6995                   |       | -5.46                                | -5.13 | 0.132                                                    | -5.28       | -4.93 | 0.132                                                    | -5.49       | -5.06 | 0.132                                                    | -2.99                                                   | -4.95                                   |
|               |            | 7115                   |       | -5.12                                | -4.73 | 0.132                                                    | -5.05       | -4.78 | 0.132                                                    | -8.92       | -8.39 | 0.132                                                    | -2.99                                                   | -4.76                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 40 |       |                                                          | RU Index 44 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.54                                | -3.00 | 0.132                                                    | -3.38       | -3.02 | 0.132                                                    | -3.42       | -3.09 | 0.132                                                    | 3.92                                                    | 3.87                                    |
|               |            | 6165                   |       | -4.33                                | -4.58 | 0.132                                                    | -4.39       | -4.65 | 0.132                                                    | -4.47       | -4.75 | 0.132                                                    | 3.92                                                    | 2.61                                    |
|               |            | 6405                   |       | -4.67                                | -5.28 | 0.132                                                    | -5.01       | -5.11 | 0.132                                                    | -4.96       | -5.31 | 0.132                                                    | 2.48                                                    | 0.66                                    |
|               | 6          | 6445                   |       | -5.12                                | -5.13 | 0.132                                                    | -5.26       | -4.99 | 0.132                                                    | -5.25       | -5.19 | 0.132                                                    | 2.48                                                    | 0.50                                    |
|               |            | 6485                   |       | -5.21                                | -5.21 | 0.132                                                    | -5.18       | -5.30 | 0.132                                                    | -5.18       | -5.34 | 0.132                                                    | 2.48                                                    | 0.41                                    |
|               | 7          | 6525                   |       | -5.49                                | -5.40 | 0.132                                                    | -5.51       | -5.61 | 0.132                                                    | -5.35       | -5.61 | 0.132                                                    | 2.48                                                    | 0.18                                    |
|               |            | 6685                   |       | -6.50                                | -6.13 | 0.132                                                    | -6.56       | -6.04 | 0.132                                                    | -6.66       | -6.16 | 0.132                                                    | 2.48                                                    | -0.67                                   |
|               |            | 6845                   |       | -6.12                                | -5.73 | 0.132                                                    | -6.41       | -5.67 | 0.132                                                    | -6.38       | -5.73 | 0.132                                                    | -2.99                                                   | -5.77                                   |
|               | 8          | 6885                   |       | -6.24                                | -5.89 | 0.132                                                    | -6.64       | -5.89 | 0.132                                                    | -6.60       | -6.17 | 0.132                                                    | -2.99                                                   | -5.91                                   |
|               |            | 7005                   |       | -5.37                                | -5.13 | 0.132                                                    | -5.40       | -5.11 | 0.132                                                    | -5.70       | -5.24 | 0.132                                                    | -2.99                                                   | -5.10                                   |
|               |            | 7085                   |       | -4.88                                | -4.48 | 0.132                                                    | -4.86       | -4.57 | 0.132                                                    | -5.11       | -4.82 | 0.132                                                    | -2.99                                                   | -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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 44 |       |                                                          | RU Index 52 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.26                                | -3.44 | 0.132                                                    | -2.85       | -2.98 | 0.132                                                    | -3.52       | -3.53 | 0.132                                                    | 3.92                                                    | 4.15                                    |
|               |            | 6145                   |       | -4.57                                | -4.21 | 0.132                                                    | -4.31       | -4.17 | 0.132                                                    | -5.09       | -4.74 | 0.132                                                    | 3.92                                                    | 2.82                                    |
|               |            | 6385                   |       | -5.25                                | -4.94 | 0.132                                                    | -4.95       | -4.62 | 0.132                                                    | -5.66       | -5.62 | 0.132                                                    | 2.48                                                    | 0.84                                    |
|               | 6          | 6465                   |       | -5.46                                | -5.63 | 0.132                                                    | -5.15       | -5.24 | 0.132                                                    | -5.81       | -5.86 | 0.132                                                    | 2.48                                                    | 0.43                                    |
|               |            | 6545                   |       | -5.66                                | -5.78 | 0.132                                                    | -5.52       | -5.53 | 0.132                                                    | -6.04       | -6.43 | 0.132                                                    | 2.48                                                    | 0.10                                    |
|               | 7          | 6625                   |       | -6.35                                | -7.12 | 0.132                                                    | -6.11       | -6.78 | 0.132                                                    | -6.37       | -7.28 | 0.132                                                    | 2.48                                                    | -0.81                                   |
|               |            | 6705                   |       | -6.50                                | -7.35 | 0.132                                                    | -5.84       | -6.82 | 0.132                                                    | -6.42       | -7.45 | 0.132                                                    | 2.48                                                    | -0.68                                   |
|               |            | 6785                   |       | -5.74                                | -6.45 | 0.132                                                    | -5.43       | -6.11 | 0.132                                                    | -5.90       | -6.70 | 0.132                                                    | 2.48                                                    | -0.13                                   |
|               | 8          | 6865                   |       | -5.97                                | -6.83 | 0.132                                                    | -5.60       | -6.55 | 0.132                                                    | -6.40       | -7.18 | 0.132                                                    | -2.99                                                   | -5.90                                   |
|               |            | 6945                   |       | -5.39                                | -5.65 | 0.132                                                    | -4.67       | -5.23 | 0.132                                                    | -5.41       | -5.89 | 0.132                                                    | -2.99                                                   | -4.79                                   |
|               |            | 7025                   |       | -5.47                                | -6.09 | 0.132                                                    | -5.31       | -5.80 | 0.132                                                    | -5.97       | -6.40 | 0.132                                                    | -2.99                                                   | -5.40                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 37                          |       |                                                          | RU Index 44 |       |                                                          | RU Index 52 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.74                                | -4.96 | 0.132                                                    | -3.80       | -3.70 | 0.132                                                    | -3.21       | -3.16 | 0.132                                                    | 3.92                                                    | 3.88                                    |
|                      |            | 6185                   |       | -6.18                                | -5.57 | 0.132                                                    | -5.09       | -4.77 | 0.132                                                    | -4.60       | -4.32 | 0.132                                                    | 3.92                                                    | 2.60                                    |
|                      |            | 6345                   |       | -6.72                                | -6.02 | 0.132                                                    | -5.44       | -5.02 | 0.132                                                    | -4.98       | -4.55 | 0.132                                                    | 2.48                                                    | 0.86                                    |
|                      | 6          | 6505                   |       | -6.85                                | -6.72 | 0.132                                                    | -5.75       | -5.82 | 0.132                                                    | -5.44       | -5.30 | 0.132                                                    | 2.48                                                    | 0.25                                    |
|                      | 7          | 6665                   |       | -7.94                                | -8.26 | 0.132                                                    | -6.63       | -7.13 | 0.132                                                    | -6.08       | -6.54 | 0.132                                                    | 2.48                                                    | -0.68                                   |
|                      |            | 6825                   |       | -7.42                                | -7.66 | 0.132                                                    | -6.13       | -6.47 | 0.132                                                    | -5.64       | -6.18 | 0.132                                                    | -2.99                                                   | -5.75                                   |
|                      | 8          | 6985                   |       | -6.24                                | -6.67 | 0.132                                                    | -5.53       | -5.56 | 0.132                                                    | -5.09       | -5.36 | 0.132                                                    | -2.99                                                   | -5.07                                   |

| 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 S37                         |       |                                           | RU Index S44 |       |                                           | RU Index S52 |       |                                           |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.36                                | -3.25 | 0.132                                     | -4.00        | -3.76 | 0.132                                     | -5.71        | -5.36 | 0.132                                     | 3.92                                             | 3.76                             |
|                      |            | 6185                   |       | -4.72                                | -4.49 | 0.132                                     | -5.31        | -5.00 | 0.132                                     | -6.57        | -6.67 | 0.132                                     | 3.92                                             | 2.46                             |
|                      |            | 6345                   |       | -5.07                                | -4.56 | 0.132                                     | -5.62        | -5.14 | 0.132                                     | -7.29        | -6.63 | 0.132                                     | 2.48                                             | 0.81                             |
|                      | 6          | 6505                   |       | -5.39                                | -5.30 | 0.132                                     | -6.19        | -5.82 | 0.132                                     | -7.66        | -7.47 | 0.132                                     | 2.48                                             | 0.28                             |
|                      | 7          | 6665                   |       | -6.26                                | -6.77 | 0.132                                     | -6.72        | -7.25 | 0.132                                     | -7.86        | -8.51 | 0.132                                     | 2.48                                             | -0.89                            |
|                      |            | 6825                   |       | -5.69                                | -6.13 | 0.132                                     | -6.26        | -6.80 | 0.132                                     | -7.98        | -8.39 | 0.132                                     | -2.99                                            | -5.75                            |
|                      | 8          | 6985                   |       | -5.01                                | -5.40 | 0.132                                     | -5.87        | -6.00 | 0.132                                     | -7.49        | -7.59 | 0.132                                     | -2.99                                            | -5.05                            |
|                      |            |                        |       |                                      |       |                                           |              |       |                                           |              |       |                                           |                                                  |                                  |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+

Directional gain (dBi).

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

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### 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  | -0.25                                | 0.11  | N/A                                               | -0.31       | 0.02  | N/A                                               | 3.92                                             | 6.86                             |
|               |            | 6175                   |       | -1.21                                | -1.39 | N/A                                               | -1.42       | -1.44 | N/A                                               | 3.92                                             | 5.63                             |
|               |            | 6415                   |       | -1.59                                | -1.99 | N/A                                               | -1.78       | -2.16 | N/A                                               | 2.48                                             | 3.70                             |
|               | 6          | 6435                   |       | -1.98                                | -1.80 | N/A                                               | -1.92       | -1.86 | N/A                                               | 2.48                                             | 3.60                             |
|               |            | 6475                   |       | -1.89                                | -2.07 | N/A                                               | -2.25       | -2.18 | N/A                                               | 2.48                                             | 3.51                             |
|               |            | 6515                   |       | -2.08                                | -2.19 | N/A                                               | -2.18       | -2.14 | N/A                                               | 2.48                                             | 3.36                             |
|               | 7          | 6535                   |       | -2.88                                | -3.13 | N/A                                               | -3.16       | -3.22 | N/A                                               | 2.48                                             | 2.49                             |
|               |            | 6695                   |       | -3.55                                | -3.00 | N/A                                               | -3.52       | -2.92 | N/A                                               | 2.48                                             | 2.28                             |
|               |            | 6855                   |       | -3.10                                | -2.62 | N/A                                               | -3.23       | -2.57 | N/A                                               | -2.99                                            | -2.83                            |
|               | 8          | 6875                   |       | -3.26                                | -2.72 | N/A                                               | -3.34       | -2.77 | N/A                                               | -2.99                                            | -2.96                            |
|               |            | 6995                   |       | -2.12                                | -1.81 | N/A                                               | -2.18       | -1.95 | N/A                                               | -2.99                                            | -1.94                            |
|               |            | 7115                   |       | -1.95                                | -1.59 | N/A                                               | -8.91       | -8.28 | N/A                                               | -2.99                                            | -1.75                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 54 |       |                                                          | RU Index 56 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.25                                | 0.03  | N/A                                                      | -0.17       | -0.01 | N/A                                                      | -0.35       | -0.12 | N/A                                                      | 3.92                                                    | 6.84                                    |
|               |            | 6165                   |       | -1.34                                | -1.59 | N/A                                                      | -1.39       | -1.49 | N/A                                                      | -1.45       | -1.60 | N/A                                                      | 3.92                                                    | 5.49                                    |
|               |            | 6405                   |       | -1.76                                | -2.17 | N/A                                                      | -1.65       | -2.09 | N/A                                                      | -2.07       | -2.22 | N/A                                                      | 2.48                                                    | 3.63                                    |
|               | 6          | 6445                   |       | -2.03                                | -2.13 | N/A                                                      | -1.90       | -2.01 | N/A                                                      | -2.10       | -2.00 | N/A                                                      | 2.48                                                    | 3.54                                    |
|               |            | 6485                   |       | -2.06                                | -2.22 | N/A                                                      | -1.94       | -2.11 | N/A                                                      | -2.35       | -2.22 | N/A                                                      | 2.48                                                    | 3.47                                    |
|               | 7          | 6525                   |       | -2.36                                | -2.44 | N/A                                                      | -2.26       | -2.29 | N/A                                                      | -2.43       | -2.63 | N/A                                                      | 2.48                                                    | 3.22                                    |
|               |            | 6685                   |       | -3.42                                | -2.98 | N/A                                                      | -3.62       | -3.11 | N/A                                                      | -3.62       | -3.09 | N/A                                                      | 2.48                                                    | 2.30                                    |
|               |            | 6845                   |       | -3.05                                | -2.67 | N/A                                                      | -3.29       | -2.64 | N/A                                                      | -3.39       | -2.85 | N/A                                                      | -2.99                                                   | -2.84                                   |
|               | 8          | 6885                   |       | -3.35                                | -2.71 | N/A                                                      | -3.54       | -2.77 | N/A                                                      | -3.69       | -3.05 | N/A                                                      | -2.99                                                   | -3.00                                   |
|               |            | 7005                   |       | -2.47                                | -2.06 | N/A                                                      | -2.36       | -2.11 | N/A                                                      | -2.50       | -2.31 | N/A                                                      | -2.99                                                   | -2.21                                   |
|               |            | 7085                   |       | -1.95                                | -1.49 | N/A                                                      | -2.11       | -1.54 | N/A                                                      | -2.03       | -1.73 | N/A                                                      | -2.99                                                   | -1.69                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.37                                | -0.41 | N/A                                                      | 0.18        | -0.05 | N/A                                                      | -0.81       | -0.64 | N/A                                                      | 3.92                                                    | 7.00                                    |
|               |            | 6145                   |       | -1.68                                | -1.35 | N/A                                                      | -1.43       | -1.19 | N/A                                                      | -1.95       | -1.78 | N/A                                                      | 3.92                                                    | 5.62                                    |
|               |            | 6385                   |       | -2.32                                | -2.00 | N/A                                                      | -2.12       | -1.92 | N/A                                                      | -2.61       | -2.53 | N/A                                                      | 2.48                                                    | 3.47                                    |
|               | 6          | 6465                   |       | -2.36                                | -2.61 | N/A                                                      | -2.02       | -2.52 | N/A                                                      | -2.65       | -2.89 | N/A                                                      | 2.48                                                    | 3.23                                    |
|               |            | 6545                   |       | -2.73                                | -2.92 | N/A                                                      | -2.62       | -2.81 | N/A                                                      | -3.10       | -3.38 | N/A                                                      | 2.48                                                    | 2.78                                    |
|               | 7          | 6625                   |       | -3.42                                | -4.18 | N/A                                                      | -3.10       | -3.74 | N/A                                                      | -3.55       | -4.27 | N/A                                                      | 2.48                                                    | 2.08                                    |
|               |            | 6705                   |       | -3.40                                | -4.29 | N/A                                                      | -2.86       | -4.00 | N/A                                                      | -3.25       | -4.49 | N/A                                                      | 2.48                                                    | 2.10                                    |
|               |            | 6785                   |       | -2.39                                | -3.12 | N/A                                                      | -2.09       | -2.86 | N/A                                                      | -2.85       | -3.67 | N/A                                                      | 2.48                                                    | 3.03                                    |
|               | 8          | 6865                   |       | -2.66                                | -3.49 | N/A                                                      | -2.53       | -3.32 | N/A                                                      | -3.16       | -4.09 | N/A                                                      | -2.99                                                   | -2.89                                   |
|               |            | 6945                   |       | -1.76                                | -2.36 | N/A                                                      | -1.54       | -2.03 | N/A                                                      | -2.33       | -2.64 | N/A                                                      | -2.99                                                   | -1.76                                   |
|               |            | 7025                   |       | -2.26                                | -2.70 | N/A                                                      | -2.11       | -2.60 | N/A                                                      | -2.86       | -3.10 | N/A                                                      | -2.99                                                   | -2.33                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.51                                | -1.63 | N/A                                                      | -0.72       | -0.60 | N/A                                                      | -0.44       | -0.07 | N/A                                                      | 3.92                                                    | 6.68                                    |
|                      |            | 6185                   |       | -2.98                                | -2.66 | N/A                                                      | -2.10       | -1.85 | N/A                                                      | -1.74       | -1.38 | N/A                                                      | 3.92                                                    | 5.37                                    |
|                      |            | 6345                   |       | -3.67                                | -2.96 | N/A                                                      | -2.69       | -1.96 | N/A                                                      | -2.09       | -1.50 | N/A                                                      | 2.48                                                    | 3.71                                    |
|                      | 6          | 6505                   |       | -3.55                                | -3.51 | N/A                                                      | -2.49       | -2.50 | N/A                                                      | -2.25       | -2.18 | N/A                                                      | 2.48                                                    | 3.28                                    |
|                      | 7          | 6665                   |       | -4.83                                | -4.83 | N/A                                                      | -3.86       | -4.00 | N/A                                                      | -3.26       | -3.44 | N/A                                                      | 2.48                                                    | 2.14                                    |
|                      |            | 6825                   |       | -4.19                                | -4.22 | N/A                                                      | -3.49       | -3.32 | N/A                                                      | -2.91       | -2.65 | N/A                                                      | -2.99                                                   | -2.76                                   |
|                      | 8          | 6985                   |       | -3.31                                | -3.26 | N/A                                                      | -2.41       | -2.32 | N/A                                                      | -2.10       | -1.98 | N/A                                                      | -2.99                                                   | -2.02                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S53                         |       |                                                          | RU Index S56 |       |                                                          | RU Index S60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.40                                | -0.05 | N/A                                                      | -0.90        | -0.58 | N/A                                                      | -2.55        | -2.26 | N/A                                                      | 3.92                                                    | 6.71                                    |
|                      |            | 6185                   |       | -1.65                                | -1.44 | N/A                                                      | -2.15        | -1.80 | N/A                                                      | -3.48        | -3.48 | N/A                                                      | 3.92                                                    | 5.39                                    |
|                      |            | 6345                   |       | -1.93                                | -1.37 | N/A                                                      | -2.42        | -1.91 | N/A                                                      | -3.87        | -3.42 | N/A                                                      | 2.48                                                    | 3.85                                    |
|                      | 6          | 6505                   |       | -2.34                                | -2.21 | N/A                                                      | -2.90        | -2.81 | N/A                                                      | -4.51        | -4.20 | N/A                                                      | 2.48                                                    | 3.22                                    |
|                      | 7          | 6665                   |       | -3.52                                | -3.51 | N/A                                                      | -4.08        | -3.95 | N/A                                                      | -5.34        | -5.29 | N/A                                                      | 2.48                                                    | 1.98                                    |
|                      |            | 6825                   |       | -2.88                                | -2.92 | N/A                                                      | -3.34        | -3.38 | N/A                                                      | -4.89        | -4.95 | N/A                                                      | -2.99                                                   | -2.88                                   |
|                      | 8          | 6985                   |       | -2.12                                | -1.93 | N/A                                                      | -2.81        | -2.66 | N/A                                                      | -4.21        | -4.04 | N/A                                                      | -2.99                                                   | -2.00                                   |

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 &gt; 98%.

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92\text{dBi}$ 

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48\text{dBi}$ 

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99\text{dBi}$ 

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

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)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.67                                 | 2.13  | 0.150                                                 | 3.92                                                    | 8.99                                    |
|               |            | 6175                   |       | 1.71                                 | 2.19  | 0.150                                                 | 3.92                                                    | 9.04                                    |
|               |            | 6415                   |       | 1.45                                 | 1.93  | 0.150                                                 | 2.48                                                    | 7.34                                    |
|               | 6          | 6435                   |       | 0.84                                 | 1.45  | 0.150                                                 | 2.48                                                    | 6.80                                    |
|               |            | 6475                   |       | 1.00                                 | 1.42  | 0.150                                                 | 2.48                                                    | 6.86                                    |
|               |            | 6515                   |       | 1.08                                 | 1.32  | 0.150                                                 | 2.48                                                    | 6.84                                    |
|               | 7          | 6535                   |       | 0.95                                 | 1.31  | 0.150                                                 | 2.48                                                    | 6.77                                    |
|               |            | 6695                   |       | 1.13                                 | 1.40  | 0.150                                                 | 2.48                                                    | 6.91                                    |
|               |            | 6855                   |       | 1.10                                 | 1.49  | 0.150                                                 | -2.99                                                   | 1.47                                    |
|               | 8          | 6875                   |       | 0.45                                 | 0.75  | 0.150                                                 | -2.99                                                   | 0.77                                    |
|               |            | 6995                   |       | 0.38                                 | 0.48  | 0.150                                                 | -2.99                                                   | 0.60                                    |
|               |            | 7115                   |       | -3.41                                | -3.04 | 0.150                                                 | -2.99                                                   | -3.05                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                          | RU Index 62 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.34                                 | 0.98  | 0.150                                                    | 1.49        | 0.96  | 0.150                                                    | 3.92                                                    | 8.31                                    |
|               |            | 6165                   |       | 1.17                                 | 1.06  | 0.150                                                    | 1.14        | 0.77  | 0.150                                                    | 3.92                                                    | 8.20                                    |
|               |            | 6405                   |       | 1.14                                 | 1.19  | 0.150                                                    | 1.15        | 1.09  | 0.150                                                    | 2.48                                                    | 6.81                                    |
|               | 6          | 6445                   |       | 0.61                                 | 0.83  | 0.150                                                    | 0.84        | 0.59  | 0.150                                                    | 2.48                                                    | 6.36                                    |
|               |            | 6485                   |       | 0.76                                 | 0.58  | 0.150                                                    | 0.48        | 0.96  | 0.150                                                    | 2.48                                                    | 6.37                                    |
|               | 7          | 6525                   |       | 0.89                                 | 0.52  | 0.150                                                    | 1.64        | 1.12  | 0.150                                                    | 2.48                                                    | 7.03                                    |
|               |            | 6685                   |       | 0.66                                 | -0.26 | 0.150                                                    | 0.79        | -0.23 | 0.150                                                    | 2.48                                                    | 5.95                                    |
|               |            | 6845                   |       | 0.62                                 | -0.38 | 0.150                                                    | 0.7         | -0.20 | 0.150                                                    | -2.99                                                   | 0.44                                    |
|               | 8          | 6885                   |       | 0.36                                 | -0.39 | 0.150                                                    | 0.32        | -0.37 | 0.150                                                    | -2.99                                                   | 0.17                                    |
|               |            | 7005                   |       | 0.35                                 | -0.75 | 0.150                                                    | 0.32        | -0.50 | 0.150                                                    | -2.99                                                   | 0.10                                    |
|               |            | 7085                   |       | 0.30                                 | -0.35 | 0.150                                                    | 0.68        | 0.07  | 0.150                                                    | -2.99                                                   | 0.56                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 1.86                                 | 2.42 | 0.150                                                    | 2.02        | 2.61 | 0.15                                                     | 1.89        | 1.98 | 0.150                                                    | 3.92                                                    | 9.41                                    |
|               |            | 6145                   |       | 1.96                                 | 2.26 | 0.150                                                    | 1.94        | 2.31 | 0.15                                                     | 1.59        | 2.09 | 0.150                                                    | 3.92                                                    | 9.21                                    |
|               |            | 6385                   |       | 1.54                                 | 1.81 | 0.150                                                    | 2.01        | 2.09 | 0.15                                                     | 1.93        | 1.97 | 0.150                                                    | 2.48                                                    | 7.69                                    |
|               | 6          | 6465                   |       | 1.3                                  | 1.32 | 0.150                                                    | 2.36        | 2.31 | 0.15                                                     | 1.27        | 1.35 | 0.150                                                    | 2.48                                                    | 7.98                                    |
|               |            | 6545                   |       | 0.83                                 | 1.66 | 0.150                                                    | 1.78        | 2.59 | 0.15                                                     | 1.65        | 2.06 | 0.150                                                    | 2.48                                                    | 7.84                                    |
|               | 7          | 6625                   |       | 0.35                                 | 1.45 | 0.150                                                    | 0.74        | 1.57 | 0.15                                                     | 0.34        | 1.31 | 0.150                                                    | 2.48                                                    | 6.82                                    |
|               |            | 6705                   |       | 0.53                                 | 1.30 | 0.150                                                    | 0.66        | 1.47 | 0.15                                                     | 0.51        | 1.25 | 0.150                                                    | 2.48                                                    | 6.72                                    |
|               |            | 6785                   |       | 0.4                                  | 1.26 | 0.150                                                    | 0.47        | 1.26 | 0.15                                                     | 0.49        | 1.41 | 0.150                                                    | 2.48                                                    | 6.61                                    |
|               | 8          | 6865                   |       | 0.31                                 | 0.98 | 0.150                                                    | 0.72        | 1.64 | 0.15                                                     | 0.03        | 0.45 | 0.150                                                    | -2.99                                                   | 1.37                                    |
|               |            | 6945                   |       | 0.07                                 | 0.59 | 0.150                                                    | 0.82        | 1.58 | 0.15                                                     | -0.16       | 0.49 | 0.150                                                    | -2.99                                                   | 1.39                                    |
|               |            | 7025                   |       | -0.24                                | 0.64 | 0.150                                                    | 0.7         | 1.66 | 0.15                                                     | -0.4        | 0.73 | 0.150                                                    | -2.99                                                   | 1.38                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.39                                 | 2.12 | 0.150                                                    | 1.85        | 2.57 | 0.15                                                     | 1.16        | 2.03 | 0.150                                                    | 3.92                                                    | 9.31                                    |
|                      |            | 6185                   |       | 1.33                                 | 1.92 | 0.150                                                    | 1.73        | 2.35 | 0.15                                                     | 1.32        | 1.88 | 0.150                                                    | 3.92                                                    | 9.13                                    |
|                      |            | 6345                   |       | 1.45                                 | 1.95 | 0.150                                                    | 1.72        | 2.26 | 0.15                                                     | 1.26        | 1.92 | 0.150                                                    | 2.48                                                    | 7.64                                    |
|                      | 6          | 6505                   |       | 1.04                                 | 1.42 | 0.150                                                    | 2.09        | 2.58 | 0.15                                                     | 0.97        | 1.29 | 0.150                                                    | 2.48                                                    | 7.98                                    |
|                      | 7          | 6665                   |       | -0.32                                | 0.86 | 0.150                                                    | 0.07        | 1.36 | 0.15                                                     | -0.18       | 1.40 | 0.150                                                    | 2.48                                                    | 6.40                                    |
|                      |            | 6825                   |       | -0.53                                | 0.91 | 0.150                                                    | -0.23       | 1.24 | 0.15                                                     | -0.61       | 0.87 | 0.150                                                    | -2.99                                                   | 0.74                                    |
|                      | 8          | 6985                   |       | -1.00                                | 0.15 | 0.150                                                    | 0.19        | 1.59 | 0.15                                                     | -0.99       | 0.42 | 0.150                                                    | -2.99                                                   | 1.12                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |              |      |                                                          |              |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|--------------|------|----------------------------------------------------------|--------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S61                         |      |                                                          | RU Index S62 |      |                                                          | RU Index S64 |      |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.10                                 | 2.29 | 0.150                                                    | 1.08         | 1.95 | 0.15                                                     | 1.19         | 2.16 | 0.150                                                    | 3.92                                                    | 8.82                                    |
|                      |            | 6185                   |       | 1.31                                 | 1.91 | 0.150                                                    | 1.03         | 2.08 | 0.15                                                     | 1.33         | 2.00 | 0.150                                                    | 3.92                                                    | 8.76                                    |
|                      |            | 6345                   |       | 1.13                                 | 1.70 | 0.150                                                    | 1.20         | 1.91 | 0.15                                                     | 1.42         | 1.98 | 0.150                                                    | 2.48                                                    | 7.35                                    |
|                      | 6          | 6505                   |       | 0.97                                 | 1.50 | 0.150                                                    | 1.60         | 2.24 | 0.15                                                     | 1.35         | 2.07 | 0.150                                                    | 2.48                                                    | 7.57                                    |
|                      | 7          | 6665                   |       | -0.60                                | 0.86 | 0.150                                                    | -0.78        | 0.88 | 0.15                                                     | -0.86        | 1.07 | 0.150                                                    | 2.48                                                    | 5.85                                    |
|                      |            | 6825                   |       | -0.91                                | 0.85 | 0.150                                                    | -0.10        | 0.83 | 0.15                                                     | -0.64        | 0.49 | 0.150                                                    | -2.99                                                   | 0.56                                    |
|                      | 8          | 6985                   |       | -1.05                                | 0.26 | 0.150                                                    | -0.26        | 1.01 | 0.15                                                     | -0.92        | 0.51 | 0.150                                                    | -2.99                                                   | 0.59                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92\text{dBi}$

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48\text{dBi}$

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99\text{dBi}$

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

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

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### Tones: 484T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 4.79                                 | 5.22 | N/A                                                   | 3.92                                                    | 11.94                                   |
|               |            | 6165                   |       | 4.66                                 | 5.16 | N/A                                                   | 3.92                                                    | 11.85                                   |
|               |            | 6405                   |       | 4.61                                 | 5.01 | N/A                                                   | 2.48                                                    | 10.30                                   |
|               | 6          | 6445                   |       | 4.73                                 | 5.13 | N/A                                                   | 2.48                                                    | 10.42                                   |
|               |            | 6485                   |       | 4.93                                 | 5.30 | N/A                                                   | 2.48                                                    | 10.61                                   |
|               | 7          | 6525                   |       | 4.90                                 | 5.04 | N/A                                                   | 2.48                                                    | 10.46                                   |
|               |            | 6685                   |       | 4.24                                 | 4.53 | N/A                                                   | 2.48                                                    | 9.88                                    |
|               |            | 6845                   |       | 4.09                                 | 4.35 | N/A                                                   | -2.99                                                   | 4.24                                    |
|               | 8          | 6885                   |       | 4.26                                 | 4.56 | N/A                                                   | -2.99                                                   | 4.43                                    |
|               |            | 7005                   |       | 4.20                                 | 4.29 | N/A                                                   | -2.99                                                   | 4.27                                    |
|               |            | 7085                   |       | 4.37                                 | 4.57 | N/A                                                   | -2.99                                                   | 4.49                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                          | RU Index 66 |      |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 4.87                                 | 5.02 | N/A                                                      | 4.78        | 5.06 | N/A                                                      | 3.92                                                    | 11.88                                   |
|               |            | 6145                   |       | 4.88                                 | 5.00 | N/A                                                      | 5.03        | 4.85 | N/A                                                      | 3.92                                                    | 11.87                                   |
|               |            | 6385                   |       | 4.59                                 | 4.76 | N/A                                                      | 4.83        | 4.83 | N/A                                                      | 2.48                                                    | 10.32                                   |
|               | 6          | 6465                   |       | 4.94                                 | 4.75 | N/A                                                      | 4.80        | 4.96 | N/A                                                      | 2.48                                                    | 10.37                                   |
|               |            | 6545                   |       | 4.59                                 | 5.29 | N/A                                                      | 4.66        | 4.94 | N/A                                                      | 2.48                                                    | 10.44                                   |
|               | 7          | 6625                   |       | 3.75                                 | 4.15 | N/A                                                      | 3.84        | 4.09 | N/A                                                      | 2.48                                                    | 9.46                                    |
|               |            | 6705                   |       | 3.83                                 | 4.21 | N/A                                                      | 3.88        | 4.35 | N/A                                                      | 2.48                                                    | 9.61                                    |
|               |            | 6785                   |       | 3.73                                 | 4.08 | N/A                                                      | 3.66        | 4.20 | N/A                                                      | 2.48                                                    | 9.43                                    |
|               | 8          | 6865                   |       | 3.70                                 | 4.17 | N/A                                                      | 3.97        | 4.15 | N/A                                                      | -2.99                                                   | 4.08                                    |
|               |            | 6945                   |       | 4.04                                 | 4.05 | N/A                                                      | 3.73        | 4.15 | N/A                                                      | -2.99                                                   | 4.07                                    |
|               |            | 7025                   |       | 3.72                                 | 4.14 | N/A                                                      | 4.01        | 4.24 | N/A                                                      | -2.99                                                   | 4.15                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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| 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-HE160 (80L) | 5          | 6025                   | 484T  | 4.56                                 | 4.79 | N/A                                            | 4.29        | 4.90 | N/A                                            | 3.92                                             | 11.61                            |
|                      |            | 6185                   |       | 4.47                                 | 4.83 | N/A                                            | 4.51        | 4.74 | N/A                                            | 3.92                                             | 11.58                            |
|                      |            | 6345                   |       | 4.41                                 | 4.77 | N/A                                            | 4.50        | 4.78 | N/A                                            | 2.48                                             | 10.13                            |
|                      | 6          | 6505                   |       | 4.79                                 | 4.55 | N/A                                            | 4.60        | 4.93 | N/A                                            | 2.48                                             | 10.26                            |
|                      | 7          | 6665                   |       | 3.61                                 | 3.99 | N/A                                            | 3.14        | 3.79 | N/A                                            | 2.48                                             | 9.29                             |
|                      |            | 6825                   |       | 3.37                                 | 4.07 | N/A                                            | 3.31        | 4.21 | N/A                                            | -2.99                                            | 3.80                             |
|                      | 8          | 6985                   |       | 3.73                                 | 3.92 | N/A                                            | 3.39        | 4.25 | N/A                                            | -2.99                                            | 3.86                             |
|                      |            |                        |       |                                      |      |                                                |             |      |                                                |                                                  |                                  |

| 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 S65                         |      |                                                | RU Index S66 |      |                                                |                                                  |                                  |
|                      |            |                        |       | 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                   | 484T  | 4.34                                 | 4.81 | N/A                                            | 4.35         | 4.82 | N/A                                            | 3.92                                             | 11.52                            |
|                      |            | 6185                   |       | 4.23                                 | 4.70 | N/A                                            | 4.34         | 4.68 | N/A                                            | 3.92                                             | 11.44                            |
|                      |            | 6345                   |       | 4.05                                 | 4.53 | N/A                                            | 4.41         | 4.63 | N/A                                            | 2.48                                             | 10.01                            |
|                      | 6          | 6505                   |       | 4.40                                 | 4.89 | N/A                                            | 4.47         | 4.93 | N/A                                            | 2.48                                             | 10.20                            |
|                      | 7          | 6665                   |       | 3.54                                 | 4.01 | N/A                                            | 3.44         | 4.03 | N/A                                            | 2.48                                             | 9.27                             |
|                      |            | 6825                   |       | 3.40                                 | 3.91 | N/A                                            | 3.51         | 4.00 | N/A                                            | -2.99                                            | 3.78                             |
|                      | 8          | 6985                   |       | 3.54                                 | 3.93 | N/A                                            | 3.61         | 4.15 | N/A                                            | -2.99                                            | 3.91                             |
|                      |            |                        |       |                                      |      |                                                |              |      |                                                |                                                  |                                  |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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

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### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 6.93                                 | 6.18 | 0.159                                                 | 3.92                                                    | 13.66                                   |
|               |            | 6145                   |       | 6.8                                  | 5.88 | 0.159                                                 | 3.92                                                    | 13.45                                   |
|               |            | 6385                   |       | 6.90                                 | 6.38 | 0.159                                                 | 2.48                                                    | 12.30                                   |
|               | 6          | 6465                   |       | 6.77                                 | 5.98 | 0.159                                                 | 2.48                                                    | 12.04                                   |
|               |            | 6545                   |       | 6.86                                 | 6.07 | 0.159                                                 | 2.48                                                    | 12.13                                   |
|               | 7          | 6625                   |       | 6.31                                 | 5.16 | 0.159                                                 | 2.48                                                    | 11.42                                   |
|               |            | 6705                   |       | 6.01                                 | 4.98 | 0.159                                                 | 2.48                                                    | 11.17                                   |
|               |            | 6785                   |       | 5.73                                 | 5.03 | 0.159                                                 | 2.48                                                    | 11.04                                   |
|               | 8          | 6865                   |       | 5.82                                 | 4.94 | 0.159                                                 | -2.99                                                   | 5.58                                    |
|               |            | 6945                   |       | 6.01                                 | 5.36 | 0.159                                                 | -2.99                                                   | 5.88                                    |
|               |            | 7025                   |       | 6.08                                 | 5.50 | 0.159                                                 | -2.99                                                   | 5.98                                    |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                           |              |      |                                                           | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------|------------|------------------------|-------|--------------------------------------|------|-----------------------------------------------------------|--------------|------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                |            |                        |       | RU Index 67                          |      |                                                           | RU Index S67 |      |                                                           |                                                         |                                         |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 6.79                                 | 6.49 | 0.159                                                     | 6.89         | 6.22 | 0.159                                                     | 3.92                                                    | 13.73                                   |
|                |            | 6185                   |       | 6.93                                 | 6.27 | 0.159                                                     | 7.06         | 6.51 | 0.159                                                     | 3.92                                                    | 13.88                                   |
|                |            | 6345                   |       | 7.40                                 | 6.55 | 0.159                                                     | 7.15         | 6.51 | 0.159                                                     | 3.92                                                    | 12.65                                   |
|                | 6          | 6505                   |       | 6.44                                 | 5.74 | 0.159                                                     | 6.55         | 5.90 | 0.159                                                     | 2.48                                                    | 11.89                                   |
|                | 7          | 6665                   |       | 6.48                                 | 5.39 | 0.159                                                     | 6.15         | 5.37 | 0.159                                                     | 2.48                                                    | 11.62                                   |
|                |            | 6825                   |       | 6.01                                 | 5.27 | 0.159                                                     | 5.58         | 4.92 | 0.159                                                     | -2.99                                                   | 5.84                                    |
|                | 8          | 6985                   |       | 5.87                                 | 5.22 | 0.159                                                     | 6.04         | 5.01 | 0.159                                                     | -2.99                                                   | 5.74                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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

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Test SKU: SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110

### Tones: 26T

| 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 (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -7.08                                | -6.66 | 0.250                                          | -6.89      | -6.62 | 0.250                                          | -6.89      | -6.87 | 0.250                                          | 4.28                                             | 0.79                             |
|               |            | 6175                   |       | -8.43                                | -8.45 | 0.250                                          | -8.07      | -8.05 | 0.250                                          | -8.36      | -8.59 | 0.250                                          | 4.28                                             | -0.52                            |
|               |            | 6415                   |       | -8.55                                | -8.91 | 0.250                                          | -8.47      | -8.80 | 0.250                                          | -8.92      | -9.09 | 0.250                                          | 4.28                                             | -1.09                            |
|               | 6          | 6435                   |       | -8.39                                | -8.33 | 0.250                                          | -8.13      | -8.19 | 0.250                                          | -8.34      | -8.48 | 0.250                                          | 0.11                                             | -4.79                            |
|               |            | 6475                   |       | -8.47                                | -8.52 | 0.250                                          | -8.37      | -8.30 | 0.250                                          | -8.55      | -8.73 | 0.250                                          | 0.11                                             | -4.96                            |
|               |            | 6515                   |       | -8.53                                | -8.69 | 0.250                                          | -8.34      | -8.59 | 0.250                                          | -8.83      | -8.71 | 0.250                                          | 0.11                                             | -5.09                            |
|               | 7          | 6535                   |       | -9.43                                | -9.48 | 0.250                                          | -9.19      | -9.24 | 0.250                                          | -9.49      | -9.60 | 0.250                                          | 2.24                                             | -3.71                            |
|               |            | 6695                   |       | -10.03                               | -9.50 | 0.250                                          | -9.80      | -9.05 | 0.250                                          | -10.04     | -9.20 | 0.250                                          | 2.24                                             | -3.91                            |
|               |            | 6855                   |       | -9.39                                | -8.83 | 0.250                                          | -9.34      | -8.84 | 0.250                                          | -9.60      | -8.94 | 0.250                                          | 2.24                                             | -3.58                            |
|               | 8          | 6875                   |       | -9.48                                | -9.15 | 0.250                                          | -9.50      | -9.03 | 0.250                                          | -9.93      | -9.30 | 0.250                                          | 2.24                                             | -3.76                            |
|               |            | 6995                   |       | -8.47                                | -8.43 | 0.250                                          | -8.44      | -8.12 | 0.250                                          | -8.59      | -8.37 | 0.250                                          | 1.26                                             | -3.76                            |
|               |            | 7115                   |       | -8.40                                | -7.85 | 0.250                                          | -8.32      | -7.80 | 0.250                                          | -8.28      | -7.99 | 0.250                                          | 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 0                           |       |                                                | RU Index 8 |       |                                                | RU Index 17 |       |                                                |                                                  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -7.08                                | -6.79 | 0.250                                          | -7.01      | -6.63 | 0.250                                          | -7.10       | -6.85 | 0.250                                          | 4.28                                             | 0.72                             |
|               |            | 6165                   |       | -8.13                                | -8.13 | 0.250                                          | -8.16      | -8.40 | 0.250                                          | -8.17       | -8.50 | 0.250                                          | 4.28                                             | -0.59                            |
|               |            | 6405                   |       | -8.53                                | -8.72 | 0.250                                          | -8.60      | -9.03 | 0.250                                          | -8.81       | -9.19 | 0.250                                          | 4.28                                             | -1.08                            |
|               | 6          | 6445                   |       | -8.36                                | -8.41 | 0.250                                          | -8.58      | -8.33 | 0.250                                          | -8.57       | -8.63 | 0.250                                          | 0.11                                             | -5.01                            |
|               |            | 6485                   |       | -8.38                                | -8.39 | 0.250                                          | -8.60      | -8.52 | 0.250                                          | -8.67       | -8.76 | 0.250                                          | 0.11                                             | -5.01                            |
|               | 7          | 6525                   |       | -8.66                                | -8.75 | 0.250                                          | -8.80      | -8.79 | 0.250                                          | -8.70       | -8.79 | 0.250                                          | 2.24                                             | -3.20                            |
|               |            | 6685                   |       | -10.00                               | -9.23 | 0.250                                          | -9.94      | -9.47 | 0.250                                          | -9.88       | -9.32 | 0.250                                          | 2.24                                             | -4.09                            |
|               |            | 6845                   |       | -9.41                                | -8.75 | 0.250                                          | -9.31      | -9.06 | 0.250                                          | -9.75       | -9.08 | 0.250                                          | 2.24                                             | -3.57                            |
|               | 8          | 6885                   |       | -9.68                                | -8.92 | 0.250                                          | -9.68      | -9.09 | 0.250                                          | -9.80       | -9.47 | 0.250                                          | 1.26                                             | -4.76                            |
|               |            | 7005                   |       | -8.54                                | -8.27 | 0.250                                          | -8.67      | -8.43 | 0.250                                          | -8.67       | -8.66 | 0.250                                          | 1.26                                             | -3.88                            |
|               |            | 7085                   |       | -8.14                                | -7.83 | 0.250                                          | -8.41      | -7.95 | 0.250                                          | -9.20       | -8.82 | 0.250                                          | 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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                               | RU Index 18 |       |                                                               | RU Index 36 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -7.38                                | -6.70 | 0.250                                                         | -6.57       | -6.07 | 0.250                                                         | -7.55       | -7.03 | 0.250                                                         | 4.28                                                    | 1.23                                    |
|               |            | 6145                   |       | -8.12                                | -7.91 | 0.250                                                         | -7.68       | -7.61 | 0.250                                                         | -8.41       | -8.41 | 0.250                                                         | 4.28                                                    | -0.10                                   |
|               |            | 6385                   |       | -8.67                                | -8.73 | 0.250                                                         | -8.18       | -8.12 | 0.250                                                         | -9.02       | -8.92 | 0.250                                                         | 4.28                                                    | -0.61                                   |
|               | 6          | 6465                   |       | -8.80                                | -8.44 | 0.250                                                         | -8.15       | -7.84 | 0.250                                                         | -9.25       | -8.84 | 0.250                                                         | 0.11                                                    | -4.62                                   |
|               |            | 6545                   |       | -8.98                                | -8.81 | 0.250                                                         | -8.59       | -8.32 | 0.250                                                         | -9.50       | -9.19 | 0.250                                                         | 2.24                                                    | -2.95                                   |
|               | 7          | 6625                   |       | -10.10                               | -9.43 | 0.250                                                         | -9.59       | -8.76 | 0.250                                                         | -10.43      | -9.20 | 0.250                                                         | 2.24                                                    | -3.65                                   |
|               |            | 6705                   |       | -10.24                               | -9.25 | 0.250                                                         | -9.84       | -8.74 | 0.250                                                         | -10.57      | -9.33 | 0.250                                                         | 2.24                                                    | -3.75                                   |
|               |            | 6785                   |       | -9.42                                | -8.86 | 0.250                                                         | -8.73       | -8.18 | 0.250                                                         | -9.50       | -8.83 | 0.250                                                         | 2.24                                                    | -2.95                                   |
|               | 8          | 6865                   |       | -9.89                                | -8.84 | 0.250                                                         | -9.31       | -8.48 | 0.250                                                         | -10.26      | -9.49 | 0.250                                                         | 2.24                                                    | -3.37                                   |
|               |            | 6945                   |       | -8.46                                | -7.83 | 0.250                                                         | -8.01       | -7.39 | 0.250                                                         | -9.11       | -8.25 | 0.250                                                         | 1.26                                                    | -3.17                                   |
|               |            | 7025                   |       | -9.03                                | -8.30 | 0.250                                                         | -8.62       | -8.09 | 0.250                                                         | -9.58       | -8.94 | 0.250                                                         | 1.26                                                    | -3.83                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |                                                               |             |        |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|---------------------------------------------------------------|-------------|--------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 0                           |        |                                                               | RU Index 18 |        |                                                               | RU Index 36 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -8.52                                | -8.88  | 0.250                                                         | -7.41       | -7.34  | 0.250                                                         | -7.13       | -7.11 | 0.250                                                         | 4.28                                                    | 0.42                                    |
|                      |            | 6185                   |       | -9.99                                | -9.69  | 0.250                                                         | -8.77       | -8.48  | 0.250                                                         | -8.46       | -8.06 | 0.250                                                         | 4.28                                                    | -0.72                                   |
|                      |            | 6345                   |       | -10.35                               | -9.76  | 0.250                                                         | -9.26       | -8.52  | 0.250                                                         | -8.96       | -8.19 | 0.250                                                         | 4.28                                                    | -1.02                                   |
|                      | 6          | 6505                   |       | -10.11                               | -9.90  | 0.250                                                         | -9.01       | -8.93  | 0.250                                                         | -8.79       | -8.54 | 0.250                                                         | 0.11                                                    | -5.29                                   |
|                      | 7          | 6665                   |       | -11.25                               | -11.38 | 0.250                                                         | -9.93       | -10.16 | 0.250                                                         | -9.55       | -9.78 | 0.250                                                         | 2.24                                                    | -4.16                                   |
|                      |            | 6825                   |       | -10.38                               | -10.68 | 0.250                                                         | -9.31       | -9.58  | 0.250                                                         | -8.82       | -9.29 | 0.250                                                         | 2.24                                                    | -3.55                                   |
|                      | 8          | 6985                   |       | -9.75                                | -9.69  | 0.250                                                         | -8.74       | -8.83  | 0.250                                                         | -8.37       | -8.40 | 0.250                                                         | 1.26                                                    | -3.86                                   |

| 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 S0                          |       |                                                           | RU Index S18 |        |                                                           | RU Index S36 |        |                                                           |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -7.11                                | -6.89 | 0.250                                                     | -7.80        | -7.40  | 0.250                                                     | -9.30        | -9.06  | 0.250                                                     | 4.28                                             | 0.54                             |
|                      |            | 6185                   |       | -8.38                                | -8.04 | 0.250                                                     | -8.89        | -8.89  | 0.250                                                     | -10.47       | -10.30 | 0.250                                                     | 4.28                                             | -0.67                            |
|                      |            | 6345                   |       | -8.69                                | -8.23 | 0.250                                                     | -9.22        | -8.81  | 0.250                                                     | -11.05       | -10.56 | 0.250                                                     | 4.28                                             | -0.91                            |
|                      | 6          | 6505                   |       | -8.58                                | -8.54 | 0.250                                                     | -9.54        | -9.17  | 0.250                                                     | -11.02       | -10.89 | 0.250                                                     | 0.11                                             | -5.19                            |
|                      | 7          | 6665                   |       | -9.26                                | -9.82 | 0.250                                                     | -9.87        | -10.27 | 0.250                                                     | -11.01       | -11.53 | 0.250                                                     | 2.24                                             | -4.03                            |
|                      |            | 6825                   |       | -8.77                                | -9.22 | 0.250                                                     | -9.24        | -9.92  | 0.250                                                     | -11.13       | -11.48 | 0.250                                                     | 2.24                                             | -3.49                            |
|                      | 8          | 6985                   |       | -8.35                                | -8.42 | 0.250                                                     | -9.01        | -9.26  | 0.250                                                     | -10.63       | -10.66 | 0.250                                                     | 1.26                                             | -3.86                            |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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

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### Tones: 52T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                               | RU Index 39 |       |                                                               | RU Index 40 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.81                                | -3.22 | 0.132                                                         | -3.74       | -3.36 | 0.132                                                         | -3.77       | -3.57 | 0.132                                                         | 4.28                                                    | 3.917                                   |
|               |            | 6175                   |       | -5.04                                | -5.20 | 0.132                                                         | -5.04       | -5.05 | 0.132                                                         | -4.93       | -5.18 | 0.132                                                         | 4.28                                                    | 2.377                                   |
|               |            | 6415                   |       | -5.40                                | -5.69 | 0.132                                                         | -5.33       | -5.77 | 0.132                                                         | -5.65       | -5.98 | 0.132                                                         | 4.28                                                    | 1.880                                   |
|               | 6          | 6435                   |       | -5.00                                | -5.21 | 0.132                                                         | -5.00       | -5.15 | 0.132                                                         | -5.17       | -5.16 | 0.132                                                         | 0.11                                                    | -1.822                                  |
|               |            | 6475                   |       | -5.28                                | -5.37 | 0.132                                                         | -5.18       | -5.28 | 0.132                                                         | -5.33       | -5.46 | 0.132                                                         | 0.11                                                    | -1.977                                  |
|               |            | 6515                   |       | -5.51                                | -5.56 | 0.132                                                         | -5.40       | -5.43 | 0.132                                                         | -5.52       | -5.60 | 0.132                                                         | 0.11                                                    | -2.163                                  |
|               | 7          | 6535                   |       | -6.13                                | -6.34 | 0.132                                                         | -6.39       | -6.21 | 0.132                                                         | -6.42       | -6.48 | 0.132                                                         | 2.24                                                    | -0.851                                  |
|               |            | 6695                   |       | -6.55                                | -5.97 | 0.132                                                         | -6.50       | -6.12 | 0.132                                                         | -6.70       | -6.10 | 0.132                                                         | 2.24                                                    | -0.868                                  |
|               |            | 6855                   |       | -6.11                                | -5.76 | 0.132                                                         | -6.30       | -5.63 | 0.132                                                         | -6.25       | -5.83 | 0.132                                                         | 2.24                                                    | -0.549                                  |
|               | 8          | 6875                   |       | -6.51                                | -5.93 | 0.132                                                         | -6.36       | -5.81 | 0.132                                                         | -6.45       | -5.93 | 0.132                                                         | 2.24                                                    | -0.694                                  |
|               |            | 6995                   |       | -5.57                                | -5.20 | 0.132                                                         | -5.39       | -4.93 | 0.132                                                         | -5.56       | -5.39 | 0.132                                                         | 1.26                                                    | -0.752                                  |
|               |            | 7115                   |       | -5.28                                | -4.88 | 0.132                                                         | -5.21       | -4.96 | 0.132                                                         | -9.03       | -8.66 | 0.132                                                         | 1.26                                                    | -0.673                                  |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                               | RU Index 40 |       |                                                               | RU Index 44 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -4.09                                | -3.56 | 0.132                                                         | -3.98       | -3.62 | 0.132                                                         | -4.03       | -3.75 | 0.132                                                         | 4.28                                                    | 3.63                                    |
|               |            | 6165                   |       | -4.98                                | -5.18 | 0.132                                                         | -4.98       | -5.20 | 0.132                                                         | -5.10       | -5.16 | 0.132                                                         | 4.28                                                    | 2.34                                    |
|               |            | 6405                   |       | -5.35                                | -5.72 | 0.132                                                         | -5.60       | -5.77 | 0.132                                                         | -5.68       | -5.99 | 0.132                                                         | 4.28                                                    | 1.89                                    |
|               | 6          | 6445                   |       | -5.23                                | -5.16 | 0.132                                                         | -5.26       | -5.16 | 0.132                                                         | -5.38       | -5.49 | 0.132                                                         | 0.11                                                    | -1.94                                   |
|               |            | 6485                   |       | -5.44                                | -5.49 | 0.132                                                         | -5.20       | -5.17 | 0.132                                                         | -5.34       | -5.51 | 0.132                                                         | 0.11                                                    | -1.93                                   |
|               | 7          | 6525                   |       | -5.50                                | -5.49 | 0.132                                                         | -5.47       | -5.54 | 0.132                                                         | -5.44       | -5.67 | 0.132                                                         | 2.24                                                    | -0.11                                   |
|               |            | 6685                   |       | -6.60                                | -6.14 | 0.132                                                         | -6.63       | -6.01 | 0.132                                                         | -6.92       | -6.05 | 0.132                                                         | 2.24                                                    | -0.93                                   |
|               |            | 6845                   |       | -6.23                                | -5.69 | 0.132                                                         | -6.35       | -5.68 | 0.132                                                         | -6.48       | -5.91 | 0.132                                                         | 2.24                                                    | -0.57                                   |
|               | 8          | 6885                   |       | -6.50                                | -5.92 | 0.132                                                         | -6.55       | -5.82 | 0.132                                                         | -6.65       | -6.29 | 0.132                                                         | 1.26                                                    | -1.77                                   |
|               |            | 7005                   |       | -5.56                                | -5.09 | 0.132                                                         | -5.54       | -5.28 | 0.132                                                         | -5.73       | -5.45 | 0.132                                                         | 1.26                                                    | -0.92                                   |
|               |            | 7085                   |       | -4.98                                | -4.80 | 0.132                                                         | -4.87       | -4.55 | 0.132                                                         | -5.32       | -4.93 | 0.132                                                         | 1.26                                                    | -0.30                                   |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                               | RU Index 44 |       |                                                               | RU Index 52 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -4.02                                | -4.01 | 0.132                                                         | -3.42       | -3.53 | 0.132                                                         | -3.90       | -4.13 | 0.132                                                         | 4.28                                                    | 3.95                                    |
|               |            | 6145                   |       | -5.08                                | -4.89 | 0.132                                                         | -4.69       | -4.81 | 0.132                                                         | -5.64       | -5.53 | 0.132                                                         | 4.28                                                    | 2.67                                    |
|               |            | 6385                   |       | -5.88                                | -5.59 | 0.132                                                         | -5.42       | -5.13 | 0.132                                                         | -6.26       | -6.04 | 0.132                                                         | 4.28                                                    | 2.15                                    |
|               | 6          | 6465                   |       | -5.57                                | -5.70 | 0.132                                                         | -5.28       | -5.52 | 0.132                                                         | -5.79       | -6.12 | 0.132                                                         | 0.11                                                    | -2.15                                   |
|               |            | 6545                   |       | -5.79                                | -5.92 | 0.132                                                         | -5.53       | -5.72 | 0.132                                                         | -6.35       | -6.35 | 0.132                                                         | 2.24                                                    | -0.24                                   |
|               | 7          | 6625                   |       | -6.54                                | -7.05 | 0.132                                                         | -6.31       | -6.87 | 0.132                                                         | -6.62       | -7.38 | 0.132                                                         | 2.24                                                    | -1.20                                   |
|               |            | 6705                   |       | -6.61                                | -7.41 | 0.132                                                         | -6.00       | -7.16 | 0.132                                                         | -6.54       | -7.61 | 0.132                                                         | 2.24                                                    | -1.16                                   |
|               |            | 6785                   |       | -5.91                                | -6.66 | 0.132                                                         | -5.63       | -6.36 | 0.132                                                         | -6.09       | -6.99 | 0.132                                                         | 2.24                                                    | -0.60                                   |
|               | 8          | 6865                   |       | -6.20                                | -6.97 | 0.132                                                         | -5.71       | -6.75 | 0.132                                                         | -6.58       | -7.50 | 0.132                                                         | 2.24                                                    | -0.82                                   |
|               |            | 6945                   |       | -5.46                                | -5.81 | 0.132                                                         | -4.70       | -5.29 | 0.132                                                         | -5.40       | -6.04 | 0.132                                                         | 1.26                                                    | -0.58                                   |
|               |            | 7025                   |       | -5.56                                | -6.07 | 0.132                                                         | -5.49       | -5.93 | 0.132                                                         | -6.20       | -6.48 | 0.132                                                         | 1.26                                                    | -1.30                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 37                          |       |                                                               | RU Index 44 |       |                                                               | RU Index 52 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -5.06                                | -5.51 | 0.132                                                         | -4.39       | -4.31 | 0.132                                                         | -3.94       | -3.77 | 0.132                                                         | 4.28                                                    | 3.57                                    |
|                      |            | 6185                   |       | -6.76                                | -6.23 | 0.132                                                         | -5.63       | -5.53 | 0.132                                                         | -5.18       | -5.12 | 0.132                                                         | 4.28                                                    | 2.27                                    |
|                      |            | 6345                   |       | -7.15                                | -6.79 | 0.132                                                         | -6.27       | -5.46 | 0.132                                                         | -5.37       | -5.06 | 0.132                                                         | 4.28                                                    | 2.21                                    |
|                      | 6          | 6505                   |       | -7.08                                | -6.81 | 0.132                                                         | -5.93       | -5.76 | 0.132                                                         | -5.74       | -5.28 | 0.132                                                         | 0.11                                                    | -2.25                                   |
|                      | 7          | 6665                   |       | -8.06                                | -8.25 | 0.132                                                         | -6.77       | -7.38 | 0.132                                                         | -6.27       | -6.49 | 0.132                                                         | 2.24                                                    | -1.00                                   |
|                      |            | 6825                   |       | -7.47                                | -7.70 | 0.132                                                         | -6.23       | -6.68 | 0.132                                                         | -5.77       | -6.22 | 0.132                                                         | 2.24                                                    | -0.61                                   |
|                      | 8          | 6985                   |       | -6.50                                | -6.91 | 0.132                                                         | -5.68       | -5.89 | 0.132                                                         | -5.31       | -5.48 | 0.132                                                         | 1.26                                                    | -0.99                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |              |       |                                                               |              |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|--------------|-------|---------------------------------------------------------------|--------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S37                         |       |                                                               | RU Index S44 |       |                                                               | RU Index S52 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.83                                | -3.85 | 0.132                                                         | -4.72        | -4.18 | 0.132                                                         | -6.23        | -6.02 | 0.132                                                         | 4.28                                                    | 3.58                                    |
|                      |            | 6185                   |       | -5.30                                | -5.04 | 0.132                                                         | -5.87        | -5.66 | 0.132                                                         | -7.27        | -7.13 | 0.132                                                         | 4.28                                                    | 2.25                                    |
|                      |            | 6345                   |       | -5.47                                | -5.30 | 0.132                                                         | -6.04        | -5.79 | 0.132                                                         | -7.95        | -7.35 | 0.132                                                         | 4.28                                                    | 2.04                                    |
|                      | 6          | 6505                   |       | -5.36                                | -5.37 | 0.132                                                         | -6.34        | -6.15 | 0.132                                                         | -7.86        | -7.77 | 0.132                                                         | 0.11                                                    | -2.11                                   |
|                      |            | 6665                   |       | -6.46                                | -6.78 | 0.132                                                         | -6.78        | -7.32 | 0.132                                                         | -8.06        | -8.75 | 0.132                                                         | 2.24                                                    | -1.23                                   |
|                      | 7          | 6825                   |       | -5.60                                | -6.36 | 0.132                                                         | -6.31        | -6.90 | 0.132                                                         | -8.14        | -8.60 | 0.132                                                         | 2.24                                                    | -0.58                                   |
|                      |            | 6985                   |       | -5.15                                | -5.49 | 0.132                                                         | -6.04        | -6.15 | 0.132                                                         | -7.67        | -7.68 | 0.132                                                         | 1.26                                                    | -0.91                                   |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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

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### 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 (dB) 10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor (dB) 10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.90                                | -0.57 | N/A                                                 | -0.89       | -0.41 | N/A                                                 | 4.28                                             | 6.65                             |
|               |            | 6175                   |       | -1.92                                | -1.87 | N/A                                                 | -2.18       | -2.13 | N/A                                                 | 4.28                                             | 5.40                             |
|               |            | 6415                   |       | -2.43                                | -2.53 | N/A                                                 | -2.42       | -2.80 | N/A                                                 | 4.28                                             | 4.81                             |
|               | 6          | 6435                   |       | -2.13                                | -1.93 | N/A                                                 | -1.96       | -1.88 | N/A                                                 | 0.11                                             | 1.20                             |
|               |            | 6475                   |       | -2.13                                | -2.15 | N/A                                                 | -2.33       | -2.25 | N/A                                                 | 0.11                                             | 0.98                             |
|               |            | 6515                   |       | -2.16                                | -2.35 | N/A                                                 | -2.30       | -2.15 | N/A                                                 | 0.11                                             | 0.90                             |
|               | 7          | 6535                   |       | -2.98                                | -3.23 | N/A                                                 | -3.18       | -3.33 | N/A                                                 | 2.24                                             | 2.15                             |
|               |            | 6695                   |       | -3.65                                | -3.31 | N/A                                                 | -3.54       | -3.14 | N/A                                                 | 2.24                                             | 1.91                             |
|               |            | 6855                   |       | -3.25                                | -2.78 | N/A                                                 | -3.31       | -2.76 | N/A                                                 | 2.24                                             | 2.24                             |
|               | 8          | 6875                   |       | -3.37                                | -2.78 | N/A                                                 | -3.29       | -2.92 | N/A                                                 | 2.24                                             | 2.19                             |
|               |            | 6995                   |       | -2.18                                | -2.02 | N/A                                                 | -2.13       | -1.99 | N/A                                                 | 1.26                                             | 2.21                             |
|               |            | 7115                   |       | -2.30                                | -1.90 | N/A                                                 | -9.10       | -8.46 | N/A                                                 | 1.26                                             | 2.17                             |

| 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 53                          |       |                                                           | RU Index 54 |       |                                                           | RU Index 56 |       |                                                           |                                                  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.91                                | -0.62 | N/A                                                       | -1.03       | -0.65 | N/A                                                       | -0.77       | -0.80 | N/A                                                       | 4.28                                             | 6.53                             |
|               |            | 6165                   |       | -1.83                                | -2.23 | N/A                                                       | -1.92       | -2.13 | N/A                                                       | -2.02       | -2.24 | N/A                                                       | 4.28                                             | 5.27                             |
|               |            | 6405                   |       | -2.39                                | -2.67 | N/A                                                       | -2.39       | -2.76 | N/A                                                       | -2.51       | -2.76 | N/A                                                       | 4.28                                             | 4.76                             |
|               | 6          | 6445                   |       | -2.12                                | -2.16 | N/A                                                       | -2.01       | -2.05 | N/A                                                       | -2.31       | -2.23 | N/A                                                       | 0.11                                             | 1.09                             |
|               |            | 6485                   |       | -2.33                                | -2.36 | N/A                                                       | -2.20       | -2.33 | N/A                                                       | -2.46       | -2.43 | N/A                                                       | 0.11                                             | 0.86                             |
|               | 7          | 6525                   |       | -2.40                                | -2.46 | N/A                                                       | -2.37       | -2.50 | N/A                                                       | -2.44       | -2.67 | N/A                                                       | 2.24                                             | 2.82                             |
|               |            | 6685                   |       | -3.59                                | -3.28 | N/A                                                       | -3.73       | -3.01 | N/A                                                       | -3.60       | -3.17 | N/A                                                       | 2.24                                             | 1.90                             |
|               |            | 6845                   |       | -3.29                                | -2.60 | N/A                                                       | -3.41       | -2.66 | N/A                                                       | -3.52       | -2.84 | N/A                                                       | 2.24                                             | 2.32                             |
|               | 8          | 6885                   |       | -3.54                                | -2.97 | N/A                                                       | -3.48       | -2.98 | N/A                                                       | -3.63       | -3.14 | N/A                                                       | 1.26                                             | 1.05                             |
|               |            | 7005                   |       | -2.44                                | -2.28 | N/A                                                       | -2.45       | -2.11 | N/A                                                       | -2.63       | -2.28 | N/A                                                       | 1.26                                             | 1.99                             |
|               |            | 7085                   |       | -2.17                                | -1.75 | N/A                                                       | -2.08       | -1.83 | N/A                                                       | -2.21       | -1.83 | N/A                                                       | 1.26                                             | 2.32                             |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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

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| 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 (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -1.02                                | -0.97 | N/A                                            | -0.38       | -0.50 | N/A                                            | -1.49       | -0.91 | N/A                                            | 4.28                                             | 6.85                             |
|               |            | 6145                   |       | -2.09                                | -2.14 | N/A                                            | -1.98       | -1.79 | N/A                                            | -2.63       | -2.29 | N/A                                            | 4.28                                             | 5.41                             |
|               |            | 6385                   |       | -2.91                                | -2.59 | N/A                                            | -2.86       | -2.32 | N/A                                            | -3.31       | -2.95 | N/A                                            | 4.28                                             | 4.71                             |
|               | 6          | 6465                   |       | -2.42                                | -2.91 | N/A                                            | -2.21       | -2.48 | N/A                                            | -2.70       | -2.99 | N/A                                            | 0.11                                             | 0.78                             |
|               |            | 6545                   |       | -2.84                                | -3.00 | N/A                                            | -2.68       | -2.86 | N/A                                            | -3.34       | -3.67 | N/A                                            | 2.24                                             | 2.48                             |
|               | 7          | 6625                   |       | -3.56                                | -4.33 | N/A                                            | -3.20       | -3.82 | N/A                                            | -3.58       | -4.25 | N/A                                            | 2.24                                             | 1.75                             |
|               |            | 6705                   |       | -3.29                                | -4.53 | N/A                                            | -3.15       | -4.12 | N/A                                            | -3.55       | -4.65 | N/A                                            | 2.24                                             | 1.64                             |
|               |            | 6785                   |       | -2.50                                | -3.30 | N/A                                            | -2.29       | -3.08 | N/A                                            | -2.93       | -3.59 | N/A                                            | 2.24                                             | 2.58                             |
|               | 8          | 6865                   |       | -2.86                                | -3.52 | N/A                                            | -2.58       | -3.48 | N/A                                            | -3.40       | -4.21 | N/A                                            | 2.24                                             | 2.24                             |
|               |            | 6945                   |       | -1.92                                | -2.56 | N/A                                            | -1.60       | -2.27 | N/A                                            | -2.49       | -2.82 | N/A                                            | 1.26                                             | 2.35                             |
|               |            | 7025                   |       | -2.44                                | -2.90 | N/A                                            | -2.35       | -2.84 | N/A                                            | -3.05       | -3.24 | N/A                                            | 1.26                                             | 1.68                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                               | RU Index 56 |       |                                                               | RU Index 60 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -2.10                                | -2.19 | N/A                                                           | -1.25       | -1.22 | N/A                                                           | -0.89       | -0.84 | N/A                                                           | 4.28                                                    | 6.43                                    |
|                      |            | 6185                   |       | -3.58                                | -3.38 | N/A                                                           | -2.46       | -2.35 | N/A                                                           | -2.39       | -1.87 | N/A                                                           | 4.28                                                    | 5.17                                    |
|                      |            | 6345                   |       | -4.35                                | -3.71 | N/A                                                           | -3.26       | -2.46 | N/A                                                           | -2.67       | -2.07 | N/A                                                           | 4.28                                                    | 4.93                                    |
|                      | 6          | 6505                   |       | -3.75                                | -3.70 | N/A                                                           | -2.81       | -2.80 | N/A                                                           | -2.40       | -2.29 | N/A                                                           | 0.11                                                    | 0.78                                    |
|                      | 7          | 6665                   |       | -4.91                                | -5.17 | N/A                                                           | -3.82       | -4.09 | N/A                                                           | -3.36       | -3.49 | N/A                                                           | 2.24                                                    | 1.83                                    |
|                      |            | 6825                   |       | -4.37                                | -4.24 | N/A                                                           | -3.56       | -3.31 | N/A                                                           | -3.11       | -2.90 | N/A                                                           | 2.24                                                    | 2.25                                    |
|                      | 8          | 6985                   |       | -3.41                                | -3.40 | N/A                                                           | -2.65       | -2.43 | N/A                                                           | -2.08       | -2.17 | N/A                                                           | 1.26                                                    | 2.15                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S53                         |       |                                                          | RU Index S56 |       |                                                          | RU Index S60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.88                                | -0.64 | N/A                                                      | -1.60        | -1.17 | N/A                                                      | -3.15        | -2.85 | N/A                                                      | 4.28                                                    | 6.53                                    |
|                      |            | 6185                   |       | -2.22                                | -2.01 | N/A                                                      | -2.78        | -2.56 | N/A                                                      | -4.22        | -3.83 | N/A                                                      | 4.28                                                    | 5.18                                    |
|                      |            | 6345                   |       | -2.45                                | -2.23 | N/A                                                      | -2.94        | -2.64 | N/A                                                      | -4.46        | -4.24 | N/A                                                      | 4.28                                                    | 4.95                                    |
|                      | 6          | 6505                   |       | -2.38                                | -2.21 | N/A                                                      | -2.94        | -2.86 | N/A                                                      | -4.53        | -4.44 | N/A                                                      | 0.11                                                    | 0.83                                    |
|                      | 7          | 6665                   |       | -3.50                                | -3.65 | N/A                                                      | -4.09        | -4.11 | N/A                                                      | -5.46        | -5.40 | N/A                                                      | 2.24                                                    | 1.68                                    |
|                      |            | 6825                   |       | -3.15                                | -2.94 | N/A                                                      | -3.60        | -3.69 | N/A                                                      | -5.03        | -5.23 | N/A                                                      | 2.24                                                    | 2.21                                    |
|                      | 8          | 6985                   |       | -2.37                                | -2.04 | N/A                                                      | -2.82        | -2.58 | N/A                                                      | -4.26        | -4.12 | N/A                                                      | 1.26                                                    | 2.07                                    |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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 (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.00                                 | 1.36  | 0.150                                                  | 4.28                                             | 8.62                             |
|               |            | 6175                   |       | 1.26                                 | 1.45  | 0.150                                                  | 4.28                                             | 8.80                             |
|               |            | 6415                   |       | 0.67                                 | 1.40  | 0.150                                                  | 4.28                                             | 8.49                             |
|               | 6          | 6435                   |       | 0.81                                 | 1.27  | 0.150                                                  | 0.11                                             | 4.32                             |
|               |            | 6475                   |       | 0.91                                 | 1.27  | 0.150                                                  | 0.11                                             | 4.36                             |
|               |            | 6515                   |       | 1.06                                 | 1.31  | 0.150                                                  | 0.11                                             | 4.46                             |
|               | 7          | 6535                   |       | 0.92                                 | 1.18  | 0.150                                                  | 2.24                                             | 6.45                             |
|               |            | 6695                   |       | 0.96                                 | 1.37  | 0.150                                                  | 2.24                                             | 6.57                             |
|               |            | 6855                   |       | 0.91                                 | 1.26  | 0.150                                                  | 2.24                                             | 6.49                             |
|               | 8          | 6875                   |       | 0.50                                 | 0.59  | 0.150                                                  | 2.24                                             | 5.95                             |
|               |            | 6995                   |       | 0.43                                 | 0.41  | 0.150                                                  | 1.26                                             | 4.84                             |
|               |            | 7115                   |       | -3.47                                | -3.10 | 0.150                                                  | 1.26                                             | 1.14                             |

| 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 61                          |       |                                                        | RU Index 62 |       |                                                        |                                                  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB) <sup>Note 3</sup><br>10log(1/X) | AUX         | Main  | Duty Cycle Factor (dB) <sup>Note 3</sup><br>10log(1/X) |                                                  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 0.92                                 | 0.39  | 0.150                                                  | 0.79        | 0.21  | 0.150                                                  | 4.28                                             | 8.10                             |
|               |            | 6165                   |       | 0.65                                 | 0.61  | 0.150                                                  | 0.69        | 0.29  | 0.150                                                  | 4.28                                             | 8.07                             |
|               |            | 6405                   |       | 0.82                                 | 0.53  | 0.150                                                  | 0.58        | 0.59  | 0.150                                                  | 4.28                                             | 8.12                             |
|               | 6          | 6445                   |       | 0.37                                 | 0.51  | 0.150                                                  | 0.64        | 0.64  | 0.150                                                  | 0.11                                             | 3.91                             |
|               |            | 6485                   |       | 0.60                                 | 0.45  | 0.150                                                  | 0.41        | 0.97  | 0.150                                                  | 0.11                                             | 3.97                             |
|               | 7          | 6525                   |       | 0.83                                 | 0.44  | 0.150                                                  | 1.61        | 1.06  | 0.150                                                  | 2.24                                             | 6.74                             |
|               |            | 6685                   |       | 0.39                                 | -0.36 | 0.150                                                  | 0.68        | -0.32 | 0.150                                                  | 2.24                                             | 5.61                             |
|               |            | 6845                   |       | 0.58                                 | -0.38 | 0.150                                                  | 0.72        | -0.16 | 0.150                                                  | 2.24                                             | 5.70                             |
|               | 8          | 6885                   |       | 0.23                                 | -0.62 | 0.150                                                  | 0.05        | -0.49 | 0.150                                                  | 1.26                                             | 4.25                             |
|               |            | 7005                   |       | 0.12                                 | -0.87 | 0.150                                                  | 0.11        | -0.74 | 0.150                                                  | 1.26                                             | 4.13                             |
|               |            | 7085                   |       | 0.36                                 | -0.41 | 0.150                                                  | 0.59        | 0.09  | 0.150                                                  | 1.26                                             | 4.77                             |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                               |             |      |                                                               |             |      |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |      |                                                               | RU Index 62 |      |                                                               | RU Index 64 |      |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 1.46                                 | 1.78 | 0.150                                                         | 1.37        | 1.93 | 0.150                                                         | 1.34        | 1.59 | 0.150                                                         | 4.28                                                    | 9.10                                    |
|               |            | 6145                   |       | 1.48                                 | 1.81 | 0.150                                                         | 1.31        | 1.58 | 0.150                                                         | 1.27        | 1.46 | 0.150                                                         | 4.28                                                    | 9.09                                    |
|               |            | 6385                   |       | 0.99                                 | 1.22 | 0.150                                                         | 1.30        | 1.38 | 0.150                                                         | 1.17        | 1.48 | 0.150                                                         | 4.28                                                    | 8.78                                    |
|               | 6          | 6465                   |       | 1.19                                 | 1.07 | 0.150                                                         | 2.27        | 2.31 | 0.150                                                         | 1.28        | 1.13 | 0.150                                                         | 0.11                                                    | 5.56                                    |
|               |            | 6545                   |       | 0.62                                 | 1.62 | 0.150                                                         | 1.74        | 2.47 | 0.150                                                         | 1.54        | 1.99 | 0.150                                                         | 2.24                                                    | 7.52                                    |
|               | 7          | 6625                   |       | 0.16                                 | 1.24 | 0.150                                                         | 0.52        | 1.37 | 0.150                                                         | 0.24        | 1.32 | 0.150                                                         | 2.24                                                    | 6.37                                    |
|               |            | 6705                   |       | 0.59                                 | 1.08 | 0.150                                                         | 0.51        | 1.36 | 0.150                                                         | 0.36        | 1.29 | 0.150                                                         | 2.24                                                    | 6.36                                    |
|               |            | 6785                   |       | 0.32                                 | 1.16 | 0.150                                                         | 0.30        | 1.09 | 0.150                                                         | 0.31        | 1.10 | 0.150                                                         | 2.24                                                    | 6.16                                    |
|               | 8          | 6865                   |       | 0.21                                 | 0.94 | 0.150                                                         | 0.52        | 1.33 | 0.150                                                         | -0.05       | 0.26 | 0.150                                                         | 2.24                                                    | 6.34                                    |
|               |            | 6945                   |       | -0.11                                | 0.43 | 0.150                                                         | 0.78        | 1.34 | 0.150                                                         | -0.23       | 0.44 | 0.150                                                         | 1.26                                                    | 5.49                                    |
|               |            | 7025                   |       | -0.45                                | 0.52 | 0.150                                                         | 0.53        | 1.56 | 0.150                                                         | -0.53       | 0.80 | 0.150                                                         | 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 61                          |       |                                                           | RU Index 62 |      |                                                           | RU Index 64 |      |                                                           |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 0.89                                 | 1.85  | 0.150                                                     | 1.37        | 1.85 | 0.150                                                     | 0.77        | 1.66 | 0.150                                                     | 4.28                                             | 9.06                             |
|                      |            | 6185                   |       | 0.84                                 | 1.42  | 0.150                                                     | 1.16        | 1.87 | 0.150                                                     | 0.57        | 1.33 | 0.150                                                     | 4.28                                             | 8.97                             |
|                      |            | 6345                   |       | 0.81                                 | 1.21  | 0.150                                                     | 1.10        | 1.58 | 0.150                                                     | 0.62        | 1.30 | 0.150                                                     | 4.28                                             | 8.79                             |
|                      | 6          | 6505                   |       | 1.04                                 | 1.22  | 0.150                                                     | 1.86        | 2.35 | 0.150                                                     | 0.95        | 1.18 | 0.150                                                     | 0.11                                             | 5.38                             |
|                      | 7          | 6665                   |       | -0.58                                | 0.70  | 0.150                                                     | -0.04       | 1.24 | 0.150                                                     | -0.40       | 1.20 | 0.150                                                     | 2.24                                             | 6.05                             |
|                      |            | 6825                   |       | -0.71                                | 0.93  | 0.150                                                     | -0.18       | 1.01 | 0.150                                                     | -0.86       | 0.59 | 0.150                                                     | 2.24                                             | 5.86                             |
|                      | 8          | 6985                   |       | -1.08                                | -0.07 | 0.150                                                     | 0.13        | 1.43 | 0.150                                                     | -1.09       | 0.30 | 0.150                                                     | 1.26                                             | 5.25                             |

| 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 S61                         |      |                                                | RU Index S62 |      |                                                | RU Index S64 |      |                                                |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 0.52                                 | 1.88 | 0.150                                          | 0.37         | 1.35 | 0.150                                          | 0.73         | 1.50 | 0.150                                          | 4.28                                             | 8.69                             |
|                      |            | 6185                   |       | 0.59                                 | 1.33 | 0.150                                          | 0.46         | 1.41 | 0.150                                          | 0.84         | 1.47 | 0.150                                          | 4.28                                             | 8.61                             |
|                      |            | 6345                   |       | 0.69                                 | 1.21 | 0.150                                          | 0.56         | 1.40 | 0.150                                          | 0.92         | 1.4  | 0.150                                          | 4.28                                             | 8.61                             |
|                      | 6          | 6505                   |       | 0.73                                 | 1.42 | 0.150                                          | 1.53         | 2.08 | 0.150                                          | 1.26         | 1.97 | 0.150                                          | 0.11                                             | 5.08                             |
|                      | 7          | 6665                   |       | -0.82                                | 0.96 | 0.150                                          | -1.01        | 0.77 | 0.150                                          | -1.12        | 1.02 | 0.150                                          | 2.24                                             | 5.56                             |
|                      |            | 6825                   |       | -1.05                                | 0.73 | 0.150                                          | -0.29        | 0.75 | 0.150                                          | -0.80        | 0.45 | 0.150                                          | 2.24                                             | 5.66                             |
|                      | 8          | 6985                   |       | -1.18                                | 0.18 | 0.150                                          | -0.39        | 0.97 | 0.150                                          | -1.1         | 0.41 | 0.150                                          | 1.26                                             | 4.76                             |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 4.34                                 | 4.63 | N/A                                                            | 4.28                                                    | 11.78                                   |
|               |            | 6165                   |       | 4.04                                 | 4.59 | N/A                                                            | 4.28                                                    | 11.61                                   |
|               |            | 6405                   |       | 3.96                                 | 4.42 | N/A                                                            | 4.28                                                    | 11.49                                   |
|               | 6          | 6445                   |       | 4.56                                 | 5.15 | N/A                                                            | 0.11                                                    | 7.99                                    |
|               |            | 6485                   |       | 4.80                                 | 5.20 | N/A                                                            | 0.11                                                    | 8.12                                    |
|               | 7          | 6525                   |       | 4.86                                 | 5.01 | N/A                                                            | 2.24                                                    | 10.19                                   |
|               |            | 6685                   |       | 4.09                                 | 4.42 | N/A                                                            | 2.24                                                    | 9.51                                    |
|               |            | 6845                   |       | 4.12                                 | 4.27 | N/A                                                            | 2.24                                                    | 9.45                                    |
|               | 8          | 6885                   |       | 4.08                                 | 4.38 | N/A                                                            | 1.26                                                    | 8.50                                    |
|               |            | 7005                   |       | 4.04                                 | 4.10 | N/A                                                            | 1.26                                                    | 8.34                                    |
|               |            | 7085                   |       | 4.17                                 | 4.44 | N/A                                                            | 1.26                                                    | 8.58                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                |             |      |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|-------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                                | RU Index 66 |      |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 4.24                                 | 4.62 | N/A                                                            | 4.18        | 4.51 | N/A                                                            | 4.28                                                    | 11.72                                   |
|               |            | 6145                   |       | 4.33                                 | 4.19 | N/A                                                            | 4.33        | 4.45 | N/A                                                            | 4.28                                                    | 11.68                                   |
|               |            | 6385                   |       | 3.91                                 | 4.10 | N/A                                                            | 4.36        | 4.31 | N/A                                                            | 4.28                                                    | 11.63                                   |
|               | 6          | 6465                   |       | 4.92                                 | 4.54 | N/A                                                            | 4.79        | 4.90 | N/A                                                            | 0.11                                                    | 7.97                                    |
|               |            | 6545                   |       | 4.48                                 | 5.09 | N/A                                                            | 4.53        | 4.63 | N/A                                                            | 2.24                                                    | 10.05                                   |
|               | 7          | 6625                   |       | 3.83                                 | 4.00 | N/A                                                            | 3.61        | 4.09 | N/A                                                            | 2.24                                                    | 9.17                                    |
|               |            | 6705                   |       | 3.78                                 | 3.87 | N/A                                                            | 3.69        | 4.24 | N/A                                                            | 2.24                                                    | 9.22                                    |
|               |            | 6785                   |       | 3.62                                 | 3.95 | N/A                                                            | 3.47        | 4.10 | N/A                                                            | 2.24                                                    | 9.05                                    |
|               | 8          | 6865                   |       | 3.73                                 | 4.23 | N/A                                                            | 3.85        | 4.03 | N/A                                                            | 2.24                                                    | 9.24                                    |
|               |            | 6945                   |       | 4.05                                 | 3.92 | N/A                                                            | 3.67        | 3.96 | N/A                                                            | 1.26                                                    | 8.26                                    |
|               |            | 7025                   |       | 3.58                                 | 4.08 | N/A                                                            | 3.94        | 4.05 | N/A                                                            | 1.26                                                    | 8.27                                    |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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

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| 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 (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 3.89                                 | 4.42 | N/A                                                    | 3.61        | 4.27 | N/A                                                    | 4.28                                             | 11.45                            |
|                      |            | 6185                   |       | 4.03                                 | 4.26 | N/A                                                    | 3.98        | 4.06 | N/A                                                    | 4.28                                             | 11.44                            |
|                      |            | 6345                   |       | 3.94                                 | 4.19 | N/A                                                    | 4.01        | 4.04 | N/A                                                    | 4.28                                             | 11.36                            |
|                      | 6          | 6505                   |       | 4.71                                 | 4.59 | N/A                                                    | 4.54        | 4.91 | N/A                                                    | 0.11                                             | 7.85                             |
|                      | 7          | 6665                   |       | 3.38                                 | 3.78 | N/A                                                    | 3.08        | 3.77 | N/A                                                    | 2.24                                             | 8.83                             |
|                      |            | 6825                   |       | 3.19                                 | 3.72 | N/A                                                    | 3.23        | 4.10 | N/A                                                    | 2.24                                             | 8.94                             |
|                      | 8          | 6985                   |       | 3.63                                 | 3.76 | N/A                                                    | 3.31        | 4.21 | N/A                                                    | 1.26                                             | 8.05                             |
|                      |            |                        |       |                                      |      |                                                        |             |      |                                                        |                                                  |                                  |

| 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 S65                         |      |                                                        | RU Index S66 |      |                                                        |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 3.70                                 | 4.31 | N/A                                                    | 3.78         | 4.36 | N/A                                                    | 4.28                                             | 11.37                            |
|                      |            | 6185                   |       | 3.52                                 | 4.16 | N/A                                                    | 3.75         | 4.12 | N/A                                                    | 4.28                                             | 11.23                            |
|                      |            | 6345                   |       | 3.40                                 | 3.93 | N/A                                                    | 3.95         | 4.18 | N/A                                                    | 4.28                                             | 11.36                            |
|                      | 6          | 6505                   |       | 4.38                                 | 4.78 | N/A                                                    | 4.43         | 4.80 | N/A                                                    | 0.11                                             | 7.74                             |
|                      | 7          | 6665                   |       | 3.46                                 | 3.91 | N/A                                                    | 3.14         | 3.98 | N/A                                                    | 2.24                                             | 8.94                             |
|                      |            | 6825                   |       | 3.33                                 | 3.93 | N/A                                                    | 3.25         | 3.99 | N/A                                                    | 2.24                                             | 8.89                             |
|                      | 8          | 6985                   |       | 3.36                                 | 3.95 | N/A                                                    | 3.29         | 4.13 | N/A                                                    | 1.26                                             | 8.00                             |
|                      |            |                        |       |                                      |      |                                                        |              |      |                                                        |                                                  |                                  |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                              | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                                              |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)</small><br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 5.71                                 | 6.09 | 0.159                                                                        | 4.28                                                    | 13.35                                   |
|               |            | 6145                   |       | 5.83                                 | 5.64 | 0.159                                                                        | 4.28                                                    | 13.19                                   |
|               |            | 6385                   |       | 5.81                                 | 6.2  | 0.159                                                                        | 4.28                                                    | 13.46                                   |
|               | 6          | 6465                   |       | 6.77                                 | 5.85 | 0.159                                                                        | 0.11                                                    | 9.61                                    |
|               |            | 6545                   |       | 6.67                                 | 5.85 | 0.159                                                                        | 2.24                                                    | 11.69                                   |
|               | 7          | 6625                   |       | 6.02                                 | 4.92 | 0.159                                                                        | 2.24                                                    | 10.91                                   |
|               |            | 6705                   |       | 5.71                                 | 4.83 | 0.159                                                                        | 2.24                                                    | 10.70                                   |
|               |            | 6785                   |       | 5.70                                 | 4.82 | 0.159                                                                        | 2.24                                                    | 10.69                                   |
|               | 8          | 6865                   |       | 5.50                                 | 5.03 | 0.159                                                                        | 2.24                                                    | 10.68                                   |
|               |            | 6945                   |       | 5.79                                 | 5.17 | 0.159                                                                        | 1.26                                                    | 9.92                                    |
|               |            | 7025                   |       | 6.06                                 | 5.27 | 0.159                                                                        | 1.26                                                    | 10.11                                   |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                |              |      |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|--------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                |            |                        |       | RU Index 67                          |      |                                                                | RU Index S67 |      |                                                                |                                                         |                                         |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 5.91                                 | 6.11 | 0.159                                                          | 6.01         | 6.15 | 0.159                                                          | 4.28                                                    | 13.53                                   |
|                |            | 6185                   |       | 5.96                                 | 5.84 | 0.159                                                          | 5.95         | 6.06 | 0.159                                                          | 4.28                                                    | 13.45                                   |
|                |            | 6345                   |       | 6.29                                 | 6.18 | 0.159                                                          | 5.80         | 6.22 | 0.159                                                          | 4.28                                                    | 13.68                                   |
|                | 6          | 6505                   |       | 6.26                                 | 5.51 | 0.159                                                          | 6.31         | 5.86 | 0.159                                                          | 0.11                                                    | 9.37                                    |
|                | 7          | 6665                   |       | 6.28                                 | 5.02 | 0.159                                                          | 5.94         | 5.29 | 0.159                                                          | 2.24                                                    | 11.10                                   |
|                |            | 6825                   |       | 5.71                                 | 5.07 | 0.159                                                          | 5.47         | 4.82 | 0.159                                                          | 2.24                                                    | 10.81                                   |
|                | 8          | 6985                   |       | 5.64                                 | 5.32 | 0.159                                                          | 5.52         | 4.83 | 0.159                                                          | 1.26                                                    | 9.91                                    |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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

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- Original FCC ID: BEJNT-16Z90R Power

Test SKU: SKU #1 (with LG (INPAQ), WA-P-LBLB-04-110)

### Tones: 26T

| 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   | -6.26                                | -5.81 | 0.278                                          | -6.17      | -5.87 | 0.278                                          | -6.23      | -5.99 | 0.278                                          | 3.92                                             | 1.19                             |
|               |            | 6175                   |       | -7.59                                | -7.66 | 0.278                                          | -7.37      | -7.41 | 0.278                                          | -7.61      | -7.71 | 0.278                                          | 3.92                                             | -0.18                            |
|               |            | 6415                   |       | -7.83                                | -8.14 | 0.278                                          | -7.75      | -8.01 | 0.278                                          | -8.14      | -8.25 | 0.278                                          | 3.86                                             | -0.73                            |
|               | 6          | 6435                   |       | -7.93                                | -8.01 | 0.278                                          | -7.83      | -7.76 | 0.278                                          | -7.99      | -8.11 | 0.278                                          | 3.86                                             | -0.65                            |
|               |            | 6475                   |       | -8.22                                | -8.12 | 0.278                                          | -7.91      | -8.00 | 0.278                                          | -8.17      | -8.32 | 0.278                                          | 3.86                                             | -0.81                            |
|               |            | 6515                   |       | -8.30                                | -8.35 | 0.278                                          | -8.05      | -8.20 | 0.278                                          | -8.34      | -8.42 | 0.278                                          | 3.86                                             | -0.98                            |
|               | 7          | 6535                   |       | -9.01                                | -9.19 | 0.278                                          | -8.95      | -9.02 | 0.278                                          | -9.31      | -9.29 | 0.278                                          | 3.86                                             | -1.84                            |
|               |            | 6695                   |       | -9.61                                | -9.05 | 0.278                                          | -9.45      | -8.75 | 0.278                                          | -9.70      | -8.97 | 0.278                                          | 3.86                                             | -1.94                            |
|               |            | 6855                   |       | -9.08                                | -8.65 | 0.278                                          | -9.02      | -8.46 | 0.278                                          | -9.17      | -8.71 | 0.278                                          | 3.29                                             | -2.15                            |
|               | 8          | 6875                   |       | -9.27                                | -8.81 | 0.278                                          | -9.24      | -8.60 | 0.278                                          | -9.47      | -8.86 | 0.278                                          | 3.29                                             | -2.33                            |
|               |            | 6995                   |       | -8.26                                | -7.95 | 0.278                                          | -8.17      | -7.80 | 0.278                                          | -8.33      | -8.07 | 0.278                                          | 3.29                                             | -1.40                            |
|               |            | 7115                   |       | -8.14                                | -7.70 | 0.278                                          | -7.92      | -7.46 | 0.278                                          | -8.08      | -7.68 | 0.278                                          | 3.29                                             | -1.11                            |

| 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   | -6.33                                | -5.98 | 0.278                                          | -6.20      | -5.96 | 0.278                                          | -6.24       | -5.93 | 0.278                                          | 3.92                                             | 1.13                             |
|               |            | 6165                   |       | -7.28                                | -7.43 | 0.278                                          | -7.41      | -7.65 | 0.278                                          | -7.43       | -7.63 | 0.278                                          | 3.92                                             | -0.15                            |
|               |            | 6405                   |       | -7.73                                | -7.98 | 0.278                                          | -7.88      | -8.14 | 0.278                                          | -8.02       | -8.26 | 0.278                                          | 3.86                                             | -0.70                            |
|               | 6          | 6445                   |       | -7.93                                | -7.96 | 0.278                                          | -8.23      | -8.09 | 0.278                                          | -8.14       | -8.22 | 0.278                                          | 3.86                                             | -0.80                            |
|               |            | 6485                   |       | -8.06                                | -8.07 | 0.278                                          | -8.33      | -8.31 | 0.278                                          | -8.38       | -8.38 | 0.278                                          | 3.86                                             | -0.92                            |
|               | 7          | 6525                   |       | -8.28                                | -8.31 | 0.278                                          | -8.42      | -8.50 | 0.278                                          | -8.45       | -8.53 | 0.278                                          | 3.86                                             | -1.15                            |
|               |            | 6685                   |       | -9.59                                | -9.01 | 0.278                                          | -9.73      | -9.11 | 0.278                                          | -9.69       | -9.01 | 0.278                                          | 3.86                                             | -2.14                            |
|               |            | 6845                   |       | -8.96                                | -8.47 | 0.278                                          | -9.06      | -8.65 | 0.278                                          | -9.29       | -8.72 | 0.278                                          | 3.29                                             | -2.13                            |
|               | 8          | 6885                   |       | -9.33                                | -8.75 | 0.278                                          | -9.43      | -8.88 | 0.278                                          | -9.53       | -9.10 | 0.278                                          | 3.29                                             | -2.45                            |
|               |            | 7005                   |       | -8.21                                | -8.04 | 0.278                                          | -8.35      | -8.25 | 0.278                                          | -8.41       | -8.29 | 0.278                                          | 3.29                                             | -1.55                            |
|               |            | 7085                   |       | -7.78                                | -7.38 | 0.278                                          | -7.96      | -7.64 | 0.278                                          | -8.82       | -8.36 | 0.278                                          | 3.29                                             | -1.00                            |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 18 |       |                                                          | RU Index 36 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.42                                | -5.75 | 0.278                                                    | -5.73       | -5.35 | 0.278                                                    | -6.60       | -6.16 | 0.278                                                    | 3.92                                                    | 1.67                                    |
|               |            | 6145                   |       | -7.31                                | -7.23 | 0.278                                                    | -7.01       | -6.83 | 0.278                                                    | -7.84       | -7.61 | 0.278                                                    | 3.92                                                    | 0.29                                    |
|               |            | 6385                   |       | -7.86                                | -7.91 | 0.278                                                    | -7.41       | -7.44 | 0.278                                                    | -8.25       | -8.18 | 0.278                                                    | 3.86                                                    | -0.28                                   |
|               | 6          | 6465                   |       | -8.51                                | -8.10 | 0.278                                                    | -7.90       | -7.58 | 0.278                                                    | -8.81       | -8.46 | 0.278                                                    | 3.86                                                    | -0.59                                   |
|               |            | 6545                   |       | -8.62                                | -8.41 | 0.278                                                    | -8.28       | -8.02 | 0.278                                                    | -9.18       | -8.91 | 0.278                                                    | 3.86                                                    | -1.00                                   |
|               | 7          | 6625                   |       | -9.86                                | -9.05 | 0.278                                                    | -9.28       | -8.50 | 0.278                                                    | -10.09      | -9.04 | 0.278                                                    | 3.86                                                    | -1.72                                   |
|               |            | 6705                   |       | -9.99                                | -9.03 | 0.278                                                    | -9.46       | -8.43 | 0.278                                                    | -10.18      | -9.01 | 0.278                                                    | 3.86                                                    | -1.77                                   |
|               |            | 6785                   |       | -9.18                                | -8.48 | 0.278                                                    | -8.48       | -7.87 | 0.278                                                    | -9.33       | -8.57 | 0.278                                                    | 3.86                                                    | -1.02                                   |
|               | 8          | 6865                   |       | -9.40                                | -8.61 | 0.278                                                    | -8.95       | -8.14 | 0.278                                                    | -9.96       | -9.10 | 0.278                                                    | 3.29                                                    | -1.95                                   |
|               |            | 6945                   |       | -8.23                                | -7.49 | 0.278                                                    | -7.76       | -7.10 | 0.278                                                    | -8.76       | -7.98 | 0.278                                                    | 3.29                                                    | -0.84                                   |
|               |            | 7025                   |       | -8.64                                | -8.10 | 0.278                                                    | -8.30       | -7.71 | 0.278                                                    | -9.29       | -8.59 | 0.278                                                    | 3.29                                                    | -1.42                                   |

| 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 0                           |        |                                        | RU Index 18 |       |                                        | RU Index 36 |       |                                        |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor 10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.82                                | -8.04  | 0.278                                  | -6.65       | -6.69 | 0.278                                  | -6.40       | -6.17 | 0.278                                  | 3.92                                             | 0.92                             |
|                      |            | 6185                   |       | -9.08                                | -8.81  | 0.278                                  | -8.04       | -7.81 | 0.278                                  | -7.73       | -7.36 | 0.278                                  | 3.92                                             | -0.33                            |
|                      |            | 6345                   |       | -9.62                                | -8.92  | 0.278                                  | -8.39       | -7.84 | 0.278                                  | -8.00       | -7.44 | 0.278                                  | 3.86                                             | -0.56                            |
|                      | 6          | 6505                   |       | -9.80                                | -9.55  | 0.278                                  | -8.80       | -8.47 | 0.278                                  | -8.41       | -8.12 | 0.278                                  | 3.86                                             | -1.11                            |
|                      | 7          | 6665                   |       | -10.86                               | -11.02 | 0.278                                  | -9.64       | -9.84 | 0.278                                  | -9.25       | -9.44 | 0.278                                  | 3.86                                             | -2.20                            |
|                      |            | 6825                   |       | -10.17                               | -10.43 | 0.278                                  | -8.86       | -9.27 | 0.278                                  | -8.51       | -8.85 | 0.278                                  | 3.29                                             | -2.10                            |
|                      | 8          | 6985                   |       | -9.40                                | -9.53  | 0.278                                  | -8.43       | -8.58 | 0.278                                  | -8.04       | -8.06 | 0.278                                  | 3.29                                             | -1.47                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                             |              |       |                                                             |              |        |                                                             | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------------|--------------|-------|-------------------------------------------------------------|--------------|--------|-------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S0                          |       |                                                             | RU Index S18 |       |                                                             | RU Index S36 |        |                                                             |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.27                                | -6.05 | 0.278                                                       | -6.98        | -6.67 | 0.278                                                       | -8.61        | -8.24  | 0.278                                                       | 3.92                                                    | 1.05                                    |
|                      |            | 6185                   |       | -7.61                                | -7.38 | 0.278                                                       | -8.22        | -8.04 | 0.278                                                       | -9.68        | -9.49  | 0.278                                                       | 3.92                                                    | -0.29                                   |
|                      |            | 6345                   |       | -7.90                                | -7.45 | 0.278                                                       | -8.47        | -8.09 | 0.278                                                       | -10.18       | -9.70  | 0.278                                                       | 3.86                                                    | -0.52                                   |
|                      | 6          | 6505                   |       | -8.27                                | -8.20 | 0.278                                                       | -9.15        | -8.93 | 0.278                                                       | -10.73       | -10.53 | 0.278                                                       | 3.86                                                    | -1.09                                   |
|                      | 7          | 6665                   |       | -8.94                                | -9.44 | 0.278                                                       | -9.54        | -9.96 | 0.278                                                       | -10.73       | -11.37 | 0.278                                                       | 3.86                                                    | -2.03                                   |
|                      |            | 6825                   |       | -8.44                                | -8.96 | 0.278                                                       | -9.07        | -9.63 | 0.278                                                       | -10.78       | -11.21 | 0.278                                                       | 3.29                                                    | -2.11                                   |
|                      | 8          | 6985                   |       | -8.05                                | -8.17 | 0.278                                                       | -8.74        | -8.87 | 0.278                                                       | -10.21       | -10.45 | 0.278                                                       | 3.29                                                    | -1.53                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[10^{4.7/10} + 10^{2.9/10}/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[10^{1.3/10} + 10^{3.4/10}/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[10^{-1.6/10} + 10^{-4.9/10}/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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### 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)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.06                                | -2.59 | 0.146                                  | -2.92       | -2.65 | 0.146                                  | -3.00       | -2.82 | 0.146                                  | 3.92                                             | 4.293                            |
|               |            | 6175                   |       | -4.19                                | -4.40 | 0.146                                  | -4.20       | -4.32 | 0.146                                  | -4.31       | -4.44 | 0.146                                  | 3.92                                             | 2.817                            |
|               |            | 6415                   |       | -4.53                                | -4.95 | 0.146                                  | -4.58       | -4.95 | 0.146                                  | -4.81       | -5.10 | 0.146                                  | 3.86                                             | 2.281                            |
|               | 6          | 6435                   |       | -4.75                                | -4.87 | 0.146                                  | -4.59       | -4.81 | 0.146                                  | -4.88       | -4.87 | 0.146                                  | 3.86                                             | 2.318                            |
|               |            | 6475                   |       | -4.96                                | -4.99 | 0.146                                  | -4.91       | -4.92 | 0.146                                  | -4.93       | -5.01 | 0.146                                  | 3.86                                             | 2.101                            |
|               |            | 6515                   |       | -5.05                                | -5.17 | 0.146                                  | -5.00       | -5.12 | 0.146                                  | -5.06       | -5.23 | 0.146                                  | 3.86                                             | 1.957                            |
|               | 7          | 6535                   |       | -5.82                                | -5.95 | 0.146                                  | -5.95       | -5.94 | 0.146                                  | -6.04       | -6.11 | 0.146                                  | 3.86                                             | 1.132                            |
|               |            | 6695                   |       | -6.35                                | -5.80 | 0.146                                  | -6.26       | -5.75 | 0.146                                  | -6.40       | -5.81 | 0.146                                  | 3.86                                             | 1.019                            |
|               |            | 6855                   |       | -5.88                                | -5.44 | 0.146                                  | -6.00       | -5.41 | 0.146                                  | -6.04       | -5.55 | 0.146                                  | 3.29                                             | 0.792                            |
|               | 8          | 6875                   |       | -6.13                                | -5.58 | 0.146                                  | -5.98       | -5.56 | 0.146                                  | -6.28       | -5.68 | 0.146                                  | 3.29                                             | 0.681                            |
|               |            | 6995                   |       | -5.20                                | -4.85 | 0.146                                  | -5.13       | -4.76 | 0.146                                  | -5.21       | -4.96 | 0.146                                  | 3.29                                             | 1.505                            |
|               |            | 7115                   |       | -4.85                                | -4.56 | 0.146                                  | -4.86       | -4.53 | 0.146                                  | -8.70       | -8.26 | 0.146                                  | 3.29                                             | 1.754                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 40 |       |                                                          | RU Index 44 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.30                                | -2.77 | 0.146                                                    | -3.20       | -2.89 | 0.146                                                    | -3.16       | -2.91 | 0.146                                                    | 3.92                                                    | 4.05                                    |
|               |            | 6165                   |       | -4.17                                | -4.38 | 0.146                                                    | -4.21       | -4.42 | 0.146                                                    | -4.34       | -4.48 | 0.146                                                    | 3.92                                                    | 2.80                                    |
|               |            | 6405                   |       | -4.52                                | -5.03 | 0.146                                                    | -4.72       | -5.01 | 0.146                                                    | -4.78       | -5.17 | 0.146                                                    | 3.86                                                    | 2.25                                    |
|               | 6          | 6445                   |       | -4.90                                | -4.88 | 0.146                                                    | -4.96       | -4.89 | 0.146                                                    | -4.97       | -5.03 | 0.146                                                    | 3.86                                                    | 2.13                                    |
|               |            | 6485                   |       | -5.03                                | -5.08 | 0.146                                                    | -4.92       | -5.06 | 0.146                                                    | -5.03       | -5.20 | 0.146                                                    | 3.86                                                    | 2.03                                    |
|               | 7          | 6525                   |       | -5.24                                | -5.21 | 0.146                                                    | -5.21       | -5.34 | 0.146                                                    | -5.12       | -5.31 | 0.146                                                    | 3.86                                                    | 1.80                                    |
|               |            | 6685                   |       | -6.33                                | -5.89 | 0.146                                                    | -6.34       | -5.87 | 0.146                                                    | -6.47       | -5.90 | 0.146                                                    | 3.86                                                    | 0.92                                    |
|               |            | 6845                   |       | -5.94                                | -5.44 | 0.146                                                    | -6.13       | -5.48 | 0.146                                                    | -6.18       | -5.56 | 0.146                                                    | 3.29                                                    | 0.76                                    |
|               | 8          | 6885                   |       | -6.14                                | -5.64 | 0.146                                                    | -6.38       | -5.69 | 0.146                                                    | -6.35       | -5.92 | 0.146                                                    | 3.29                                                    | 0.56                                    |
|               |            | 7005                   |       | -5.17                                | -4.83 | 0.146                                                    | -5.24       | -4.99 | 0.146                                                    | -5.43       | -5.13 | 0.146                                                    | 3.29                                                    | 1.45                                    |
|               |            | 7085                   |       | -4.69                                | -4.33 | 0.146                                                    | -4.75       | -4.42 | 0.146                                                    | -5.01       | -4.59 | 0.146                                                    | 3.29                                                    | 1.94                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| 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<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.08                                | -3.28 | 0.146                                     | -2.70       | -2.82 | 0.146                                     | -3.33       | -3.33 | 0.146                                     | 3.92                                             | 4.32                             |
|               |            | 6145                   |       | -4.39                                | -4.07 | 0.146                                     | -4.01       | -3.90 | 0.146                                     | -4.80       | -4.58 | 0.146                                     | 3.92                                             | 3.12                             |
|               |            | 6385                   |       | -5.10                                | -4.73 | 0.146                                     | -4.69       | -4.46 | 0.146                                     | -5.49       | -5.33 | 0.146                                     | 3.86                                             | 2.44                             |
|               | 6          | 6465                   |       | -5.27                                | -5.37 | 0.146                                     | -4.93       | -5.06 | 0.146                                     | -5.60       | -5.66 | 0.146                                     | 3.86                                             | 2.02                             |
|               |            | 6545                   |       | -5.49                                | -5.64 | 0.146                                     | -5.23       | -5.41 | 0.146                                     | -5.92       | -6.16 | 0.146                                     | 3.86                                             | 1.70                             |
|               | 7          | 6625                   |       | -6.25                                | -6.84 | 0.146                                     | -5.81       | -6.49 | 0.146                                     | -6.24       | -7.05 | 0.146                                     | 3.86                                             | 0.88                             |
|               |            | 6705                   |       | -6.28                                | -7.07 | 0.146                                     | -5.70       | -6.70 | 0.146                                     | -6.22       | -7.26 | 0.146                                     | 3.86                                             | 0.85                             |
|               |            | 6785                   |       | -5.63                                | -6.25 | 0.146                                     | -5.25       | -5.89 | 0.146                                     | -5.77       | -6.52 | 0.146                                     | 3.86                                             | 1.46                             |
|               | 8          | 6865                   |       | -5.82                                | -6.58 | 0.146                                     | -5.49       | -6.41 | 0.146                                     | -6.24       | -7.08 | 0.146                                     | 3.29                                             | 0.52                             |
|               |            | 6945                   |       | -5.09                                | -5.36 | 0.146                                     | -4.43       | -5.08 | 0.146                                     | -5.15       | -5.67 | 0.146                                     | 3.29                                             | 1.70                             |
|               |            | 7025                   |       | -5.37                                | -5.84 | 0.146                                     | -5.17       | -5.58 | 0.146                                     | -5.81       | -6.27 | 0.146                                     | 3.29                                             | 1.08                             |

| 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)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.47                                | -4.68 | 0.146                                  | -3.62       | -3.49 | 0.146                                  | -3.11       | -3.00 | 0.146                                  | 3.92                                             | 4.02                             |
|                      |            | 6185                   |       | -5.95                                | -5.47 | 0.146                                  | -4.83       | -4.57 | 0.146                                  | -4.42       | -4.18 | 0.146                                  | 3.92                                             | 2.78                             |
|                      |            | 6345                   |       | -6.49                                | -5.88 | 0.146                                  | -5.31       | -4.73 | 0.146                                  | -4.70       | -4.27 | 0.146                                  | 3.86                                             | 2.54                             |
|                      | 6          | 6505                   |       | -6.72                                | -6.54 | 0.146                                  | -5.60       | -5.52 | 0.146                                  | -5.31       | -5.05 | 0.146                                  | 3.86                                             | 1.84                             |
|                      | 7          | 6665                   |       | -7.69                                | -8.02 | 0.146                                  | -6.50       | -6.92 | 0.146                                  | -5.97       | -6.34 | 0.146                                  | 3.86                                             | 0.87                             |
|                      |            | 6825                   |       | -7.18                                | -7.40 | 0.146                                  | -5.91       | -6.34 | 0.146                                  | -5.40       | -5.97 | 0.146                                  | 3.29                                             | 0.77                             |
|                      | 8          | 6985                   |       | -6.12                                | -6.53 | 0.146                                  | -5.26       | -5.46 | 0.146                                  | -4.90       | -5.17 | 0.146                                  | 3.29                                             | 1.41                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S37                         |       |                                                          | RU Index S44 |       |                                                          | RU Index S52 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.06                                | -3.09 | 0.146                                                    | -3.84        | -3.56 | 0.146                                                    | -5.45        | -5.10 | 0.146                                                    | 3.92                                                    | 4.00                                    |
|                      |            | 6185                   |       | -4.54                                | -4.21 | 0.146                                                    | -5.10        | -4.89 | 0.146                                                    | -6.47        | -6.39 | 0.146                                                    | 3.92                                                    | 2.70                                    |
|                      |            | 6345                   |       | -4.78                                | -4.37 | 0.146                                                    | -5.32        | -4.94 | 0.146                                                    | -7.14        | -6.47 | 0.146                                                    | 3.86                                                    | 2.45                                    |
|                      | 6          | 6505                   |       | -5.16                                | -5.10 | 0.146                                                    | -5.99        | -5.68 | 0.146                                                    | -7.53        | -7.35 | 0.146                                                    | 3.86                                                    | 1.89                                    |
|                      | 7          | 6665                   |       | -6.04                                | -6.47 | 0.146                                                    | -6.42        | -6.98 | 0.146                                                    | -7.71        | -8.34 | 0.146                                                    | 3.86                                                    | 0.77                                    |
|                      |            | 6825                   |       | -5.40                                | -6.02 | 0.146                                                    | -6.05        | -6.60 | 0.146                                                    | -7.76        | -8.25 | 0.146                                                    | 3.29                                                    | 0.75                                    |
|                      | 8          | 6985                   |       | -4.79                                | -5.22 | 0.146                                                    | -5.66        | -5.78 | 0.146                                                    | -7.33        | -7.43 | 0.146                                                    | 3.29                                                    | 1.45                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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### Tones: 106T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 54 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.05                                | 0.22  | N/A                                                      | -0.05       | 0.28  | N/A                                                      | 3.92                                                    | 7.05                                    |
|               |            | 6175                   |       | -1.03                                | -1.21 | N/A                                                      | -1.24       | -1.30 | N/A                                                      | 3.92                                                    | 5.81                                    |
|               |            | 6415                   |       | -1.47                                | -1.87 | N/A                                                      | -1.56       | -2.00 | N/A                                                      | 3.86                                                    | 5.20                                    |
|               | 6          | 6435                   |       | -1.72                                | -1.66 | N/A                                                      | -1.69       | -1.72 | N/A                                                      | 3.86                                                    | 5.18                                    |
|               |            | 6475                   |       | -1.72                                | -1.84 | N/A                                                      | -1.96       | -1.90 | N/A                                                      | 3.86                                                    | 5.09                                    |
|               |            | 6515                   |       | -1.90                                | -1.93 | N/A                                                      | -1.89       | -2.00 | N/A                                                      | 3.86                                                    | 4.96                                    |
|               | 7          | 6535                   |       | -2.78                                | -2.98 | N/A                                                      | -2.90       | -2.97 | N/A                                                      | 3.86                                                    | 3.99                                    |
|               |            | 6695                   |       | -3.44                                | -2.82 | N/A                                                      | -3.33       | -2.77 | N/A                                                      | 3.86                                                    | 3.83                                    |
|               |            | 6855                   |       | -2.96                                | -2.34 | N/A                                                      | -3.05       | -2.43 | N/A                                                      | 3.29                                                    | 3.66                                    |
|               | 8          | 6875                   |       | -2.97                                | -2.48 | N/A                                                      | -3.09       | -2.61 | N/A                                                      | 3.29                                                    | 3.58                                    |
|               |            | 6995                   |       | -1.92                                | -1.69 | N/A                                                      | -1.97       | -1.77 | N/A                                                      | 3.29                                                    | 4.50                                    |
|               |            | 7115                   |       | -1.84                                | -1.41 | N/A                                                      | -8.68       | -8.14 | N/A                                                      | 3.29                                                    | 4.68                                    |

| 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<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.14                                | 0.16  | N/A                                       | -0.07       | 0.19  | N/A                                       | -0.10       | 0.07  | N/A                                       | 3.92                                             | 6.99                             |
|               |            | 6165                   |       | -1.13                                | -1.30 | N/A                                       | -1.19       | -1.34 | N/A                                       | -1.31       | -1.45 | N/A                                       | 3.92                                             | 5.72                             |
|               |            | 6405                   |       | -1.56                                | -1.89 | N/A                                       | -1.51       | -1.93 | N/A                                       | -1.79       | -2.10 | N/A                                       | 3.86                                             | 5.16                             |
|               | 6          | 6445                   |       | -1.79                                | -1.85 | N/A                                       | -1.72       | -1.76 | N/A                                       | -1.83       | -1.88 | N/A                                       | 3.86                                             | 5.13                             |
|               |            | 6485                   |       | -1.95                                | -1.96 | N/A                                       | -1.83       | -2.00 | N/A                                       | -2.13       | -2.10 | N/A                                       | 3.86                                             | 4.96                             |
|               | 7          | 6525                   |       | -2.08                                | -2.15 | N/A                                       | -2.12       | -2.19 | N/A                                       | -2.19       | -2.39 | N/A                                       | 3.86                                             | 4.76                             |
|               |            | 6685                   |       | -3.30                                | -2.85 | N/A                                       | -3.34       | -2.85 | N/A                                       | -3.42       | -2.86 | N/A                                       | 3.86                                             | 3.80                             |
|               |            | 6845                   |       | -2.86                                | -2.39 | N/A                                       | -3.02       | -2.40 | N/A                                       | -3.22       | -2.62 | N/A                                       | 3.29                                             | 3.68                             |
|               | 8          | 6885                   |       | -3.13                                | -2.60 | N/A                                       | -3.24       | -2.67 | N/A                                       | -3.47       | -2.85 | N/A                                       | 3.29                                             | 3.44                             |
|               |            | 7005                   |       | -2.17                                | -1.84 | N/A                                       | -2.12       | -1.83 | N/A                                       | -2.30       | -2.04 | N/A                                       | 3.29                                             | 4.33                             |
|               |            | 7085                   |       | -1.83                                | -1.38 | N/A                                       | -1.82       | -1.40 | N/A                                       | -1.91       | -1.54 | N/A                                       | 3.29                                             | 4.70                             |

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

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6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.18                                | -0.21 | N/A                                                      | 0.29        | 0.21  | N/A                                                      | -0.54       | -0.34 | N/A                                                      | 3.92                                                    | 7.18                                    |
|               |            | 6145                   |       | -1.48                                | -1.24 | N/A                                                      | -1.26       | -1.03 | N/A                                                      | -1.81       | -1.58 | N/A                                                      | 3.92                                                    | 5.79                                    |
|               |            | 6385                   |       | -2.19                                | -1.84 | N/A                                                      | -1.88       | -1.63 | N/A                                                      | -2.44       | -2.23 | N/A                                                      | 3.86                                                    | 5.12                                    |
|               | 6          | 6465                   |       | -2.11                                | -2.44 | N/A                                                      | -1.92       | -2.23 | N/A                                                      | -2.47       | -2.75 | N/A                                                      | 3.86                                                    | 4.80                                    |
|               |            | 6545                   |       | -2.46                                | -2.72 | N/A                                                      | -2.35       | -2.53 | N/A                                                      | -2.98       | -3.20 | N/A                                                      | 3.86                                                    | 4.43                                    |
|               | 7          | 6625                   |       | -3.24                                | -3.94 | N/A                                                      | -2.88       | -3.62 | N/A                                                      | -3.34       | -4.09 | N/A                                                      | 3.86                                                    | 3.64                                    |
|               |            | 6705                   |       | -3.12                                | -4.19 | N/A                                                      | -2.74       | -3.86 | N/A                                                      | -3.12       | -4.32 | N/A                                                      | 3.86                                                    | 3.61                                    |
|               |            | 6785                   |       | -2.16                                | -2.94 | N/A                                                      | -1.96       | -2.72 | N/A                                                      | -2.56       | -3.43 | N/A                                                      | 3.86                                                    | 4.55                                    |
|               | 8          | 6865                   |       | -2.55                                | -3.29 | N/A                                                      | -2.32       | -3.15 | N/A                                                      | -3.00       | -3.82 | N/A                                                      | 3.29                                                    | 3.59                                    |
|               |            | 6945                   |       | -1.57                                | -2.10 | N/A                                                      | -1.30       | -1.82 | N/A                                                      | -2.09       | -2.47 | N/A                                                      | 3.29                                                    | 4.75                                    |
|               |            | 7025                   |       | -2.14                                | -2.49 | N/A                                                      | -1.91       | -2.34 | N/A                                                      | -2.74       | -2.93 | N/A                                                      | 3.29                                                    | 4.18                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.40                                | -1.50 | N/A                                                      | -0.58       | -0.47 | N/A                                                      | -0.21       | 0.08  | N/A                                                      | 3.92                                                    | 6.87                                    |
|                      |            | 6185                   |       | -2.70                                | -2.48 | N/A                                                      | -1.84       | -1.60 | N/A                                                      | -1.44       | -1.22 | N/A                                                      | 3.92                                                    | 5.60                                    |
|                      |            | 6345                   |       | -3.45                                | -2.72 | N/A                                                      | -2.39       | -1.73 | N/A                                                      | -1.84       | -1.21 | N/A                                                      | 3.86                                                    | 5.36                                    |
|                      | 6          | 6505                   |       | -3.35                                | -3.33 | N/A                                                      | -2.36       | -2.39 | N/A                                                      | -2.07       | -1.95 | N/A                                                      | 3.86                                                    | 4.86                                    |
|                      | 7          | 6665                   |       | -4.59                                | -4.73 | N/A                                                      | -3.64       | -3.77 | N/A                                                      | -2.99       | -3.22 | N/A                                                      | 3.86                                                    | 3.77                                    |
|                      |            | 6825                   |       | -3.97                                | -3.92 | N/A                                                      | -3.20       | -3.02 | N/A                                                      | -2.63       | -2.55 | N/A                                                      | 3.29                                                    | 3.71                                    |
|                      | 8          | 6985                   |       | -3.10                                | -3.06 | N/A                                                      | -2.16       | -2.15 | N/A                                                      | -1.86       | -1.81 | N/A                                                      | 3.29                                                    | 4.47                                    |

| 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<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.11                                | 0.08  | N/A                                                  | -0.78        | -0.41 | N/A                                                  | -2.30        | -1.97 | N/A                                                  | 3.92                                             | 6.92                             |
|                      |            | 6185                   |       | -1.46                                | -1.22 | N/A                                                  | -1.97        | -1.70 | N/A                                                  | -3.33        | -3.26 | N/A                                                  | 3.92                                             | 5.59                             |
|                      |            | 6345                   |       | -1.71                                | -1.26 | N/A                                                  | -2.21        | -1.73 | N/A                                                  | -3.74        | -3.26 | N/A                                                  | 3.86                                             | 5.39                             |
|                      | 6          | 6505                   |       | -2.18                                | -1.98 | N/A                                                  | -2.67        | -2.57 | N/A                                                  | -4.26        | -4.09 | N/A                                                  | 3.86                                             | 4.79                             |
|                      | 7          | 6665                   |       | -3.23                                | -3.32 | N/A                                                  | -3.83        | -3.74 | N/A                                                  | -5.14        | -5.11 | N/A                                                  | 3.86                                             | 3.60                             |
|                      |            | 6825                   |       | -2.69                                | -2.63 | N/A                                                  | -3.23        | -3.24 | N/A                                                  | -4.63        | -4.80 | N/A                                                  | 3.29                                             | 3.64                             |
|                      | 8          | 6985                   |       | -1.94                                | -1.79 | N/A                                                  | -2.54        | -2.37 | N/A                                                  | -4.01        | -3.91 | N/A                                                  | 3.29                                             | 4.44                             |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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### Tones: 242T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.78                                 | 2.31  | 0.15                                                  | 3.92                                                    | 9.13                                    |
|               |            | 6175                   |       | 1.84                                 | 2.31  | 0.15                                                  | 3.92                                                    | 9.16                                    |
|               |            | 6415                   |       | 1.59                                 | 2.22  | 0.15                                                  | 3.86                                                    | 8.94                                    |
|               | 6          | 6435                   |       | 1.08                                 | 1.74  | 0.15                                                  | 3.86                                                    | 8.44                                    |
|               |            | 6475                   |       | 1.16                                 | 1.66  | 0.15                                                  | 3.86                                                    | 8.44                                    |
|               |            | 6515                   |       | 1.38                                 | 1.61  | 0.15                                                  | 3.86                                                    | 8.52                                    |
|               | 7          | 6535                   |       | 1.23                                 | 1.44  | 0.15                                                  | 3.86                                                    | 8.36                                    |
|               |            | 6695                   |       | 1.31                                 | 1.61  | 0.15                                                  | 3.86                                                    | 8.48                                    |
|               |            | 6855                   |       | 1.29                                 | 1.61  | 0.15                                                  | 3.29                                                    | 7.90                                    |
|               | 8          | 6875                   |       | 0.75                                 | 0.99  | 0.15                                                  | 3.29                                                    | 7.32                                    |
|               |            | 6995                   |       | 0.62                                 | 0.78  | 0.15                                                  | 3.29                                                    | 7.15                                    |
|               |            | 7115                   |       | -3.22                                | -2.75 | 0.15                                                  | 3.29                                                    | 3.47                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                          | RU Index 62 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.63                                 | 1.17  | 0.15                                                     | 1.6         | 1.09  | 0.15                                                     | 3.92                                                    | 8.49                                    |
|               |            | 6165                   |       | 1.46                                 | 1.23  | 0.15                                                     | 1.3         | 1.06  | 0.15                                                     | 3.92                                                    | 8.43                                    |
|               |            | 6405                   |       | 1.43                                 | 1.3   | 0.15                                                     | 1.36        | 1.31  | 0.15                                                     | 3.86                                                    | 8.39                                    |
|               | 6          | 6445                   |       | 0.72                                 | 0.95  | 0.15                                                     | 1.03        | 0.83  | 0.15                                                     | 3.86                                                    | 7.95                                    |
|               |            | 6485                   |       | 0.98                                 | 0.79  | 0.15                                                     | 0.71        | 1.24  | 0.15                                                     | 3.86                                                    | 8.00                                    |
|               | 7          | 6525                   |       | 1.09                                 | 0.78  | 0.15                                                     | 1.81        | 1.38  | 0.15                                                     | 3.86                                                    | 8.62                                    |
|               |            | 6685                   |       | 0.85                                 | 0.02  | 0.15                                                     | 1.02        | 0.06  | 0.15                                                     | 3.86                                                    | 7.59                                    |
|               |            | 6845                   |       | 0.76                                 | -0.16 | 0.15                                                     | 1           | 0.02  | 0.15                                                     | 3.29                                                    | 6.99                                    |
|               | 8          | 6885                   |       | 0.49                                 | -0.27 | 0.15                                                     | 0.43        | -0.26 | 0.15                                                     | 3.29                                                    | 6.58                                    |
|               |            | 7005                   |       | 0.47                                 | -0.49 | 0.15                                                     | 0.55        | -0.32 | 0.15                                                     | 3.29                                                    | 6.59                                    |
|               |            | 7085                   |       | 0.52                                 | -0.06 | 0.15                                                     | 0.81        | 0.35  | 0.15                                                     | 3.29                                                    | 7.04                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.12                                 | 2.55 | 0.15                                                     | 2.13        | 2.78 | 0.15                                                     | 2.01        | 2.28 | 0.15                                                     | 3.92                                                    | 9.55                                    |
|               |            | 6145                   |       | 2.26                                 | 2.42 | 0.15                                                     | 2.09        | 2.46 | 0.15                                                     | 1.88        | 2.19 | 0.15                                                     | 3.92                                                    | 9.42                                    |
|               |            | 6385                   |       | 1.83                                 | 2.02 | 0.15                                                     | 2.12        | 2.23 | 0.15                                                     | 2.03        | 2.2  | 0.15                                                     | 3.86                                                    | 9.20                                    |
|               | 6          | 6465                   |       | 1.58                                 | 1.46 | 0.15                                                     | 2.5         | 2.52 | 0.15                                                     | 1.53        | 1.55 | 0.15                                                     | 3.86                                                    | 9.53                                    |
|               |            | 6545                   |       | 0.98                                 | 1.87 | 0.15                                                     | 1.94        | 2.79 | 0.15                                                     | 1.76        | 2.31 | 0.15                                                     | 3.86                                                    | 9.41                                    |
|               | 7          | 6625                   |       | 0.6                                  | 1.55 | 0.15                                                     | 0.87        | 1.72 | 0.15                                                     | 0.61        | 1.49 | 0.15                                                     | 3.86                                                    | 8.34                                    |
|               |            | 6705                   |       | 0.77                                 | 1.56 | 0.15                                                     | 0.87        | 1.71 | 0.15                                                     | 0.62        | 1.5  | 0.15                                                     | 3.86                                                    | 8.33                                    |
|               |            | 6785                   |       | 0.64                                 | 1.41 | 0.15                                                     | 0.69        | 1.54 | 0.15                                                     | 0.62        | 1.54 | 0.15                                                     | 3.86                                                    | 8.16                                    |
|               | 8          | 6865                   |       | 0.55                                 | 1.24 | 0.15                                                     | 0.92        | 1.74 | 0.15                                                     | 0.22        | 0.69 | 0.15                                                     | 3.29                                                    | 7.80                                    |
|               |            | 6945                   |       | 0.19                                 | 0.77 | 0.15                                                     | 1.11        | 1.77 | 0.15                                                     | 0.07        | 0.75 | 0.15                                                     | 3.29                                                    | 7.90                                    |
|               |            | 7025                   |       | -0.1                                 | 0.74 | 0.15                                                     | 0.91        | 1.77 | 0.15                                                     | -0.21       | 1.02 | 0.15                                                     | 3.29                                                    | 7.81                                    |

| 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 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  | 1.66                                 | 2.42 | 0.15                                           | 1.97        | 2.71 | 0.15                                           | 1.44        | 2.3  | 0.15                                           | 3.92                                             | 9.44                             |
|                      |            | 6185                   |       | 1.6                                  | 2.11 | 0.15                                           | 1.91        | 2.59 | 0.15                                           | 1.54        | 2.15 | 0.15                                           | 3.92                                             | 9.34                             |
|                      |            | 6345                   |       | 1.62                                 | 2.16 | 0.15                                           | 1.98        | 2.37 | 0.15                                           | 1.47        | 2.11 | 0.15                                           | 3.86                                             | 9.20                             |
|                      | 6          | 6505                   |       | 1.29                                 | 1.53 | 0.15                                           | 2.26        | 2.69 | 0.15                                           | 1.17        | 1.58 | 0.15                                           | 3.86                                             | 9.50                             |
|                      | 7          | 6665                   |       | -0.12                                | 1.06 | 0.15                                           | 0.29        | 1.58 | 0.15                                           | -0.08       | 1.5  | 0.15                                           | 3.86                                             | 8.00                             |
|                      |            | 6825                   |       | -0.38                                | 1.17 | 0.15                                           | 0.03        | 1.35 | 0.15                                           | -0.45       | 1    | 0.15                                           | 3.29                                             | 7.19                             |
|                      | 8          | 6985                   |       | -0.75                                | 0.37 | 0.15                                           | 0.43        | 1.7  | 0.15                                           | -0.89       | 0.61 | 0.15                                           | 3.29                                             | 7.56                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                             |              |      |                                                             |              |      |                                                             | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------------|--------------|------|-------------------------------------------------------------|--------------|------|-------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S61                         |      |                                                             | RU Index S62 |      |                                                             | RU Index S64 |      |                                                             |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX          | Main | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX          | Main | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 1.28                                 | 2.48 | 0.15                                                        | 1.25         | 2.25 | 0.15                                                        | 1.46         | 2.29 | 0.15                                                        | 3.92                                                    | 9.00                                    |
|                      |            | 6185                   |       | 1.42                                 | 2.1  | 0.15                                                        | 1.32         | 2.21 | 0.15                                                        | 1.6          | 2.21 | 0.15                                                        | 3.92                                                    | 9.00                                    |
|                      |            | 6345                   |       | 1.41                                 | 1.97 | 0.15                                                        | 1.41         | 2.05 | 0.15                                                        | 1.68         | 2.27 | 0.15                                                        | 3.86                                                    | 9.01                                    |
|                      | 6          | 6505                   |       | 1.14                                 | 1.76 | 0.15                                                        | 1.84         | 2.36 | 0.15                                                        | 1.59         | 2.21 | 0.15                                                        | 3.86                                                    | 9.13                                    |
|                      | 7          | 6665                   |       | -0.44                                | 1.15 | 0.15                                                        | -0.61        | 1.05 | 0.15                                                        | -0.67        | 1.29 | 0.15                                                        | 3.86                                                    | 7.45                                    |
|                      |            | 6825                   |       | -0.68                                | 1.08 | 0.15                                                        | 0.1          | 1.13 | 0.15                                                        | -0.5         | 0.65 | 0.15                                                        | 3.29                                                    | 7.10                                    |
|                      | 8          | 6985                   |       | -0.91                                | 0.53 | 0.15                                                        | -0.01        | 1.28 | 0.15                                                        | -0.65        | 0.62 | 0.15                                                        | 3.29                                                    | 7.13                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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### Tones: 484T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 5.09                                 | 5.37 | N/A                                                   | 3.92                                                    | 12.16                                   |
|               |            | 6165                   |       | 4.92                                 | 5.36 | N/A                                                   | 3.92                                                    | 12.08                                   |
|               |            | 6405                   |       | 4.8                                  | 5.16 | N/A                                                   | 3.86                                                    | 11.85                                   |
|               | 6          | 6445                   |       | 4.92                                 | 5.42 | N/A                                                   | 3.86                                                    | 12.05                                   |
|               |            | 6485                   |       | 5.03                                 | 5.42 | N/A                                                   | 3.86                                                    | 12.10                                   |
|               | 7          | 6525                   |       | 5.16                                 | 5.29 | N/A                                                   | 3.86                                                    | 12.10                                   |
|               |            | 6685                   |       | 4.34                                 | 4.68 | N/A                                                   | 3.86                                                    | 11.38                                   |
|               |            | 6845                   |       | 4.34                                 | 4.54 | N/A                                                   | 3.29                                                    | 10.74                                   |
|               | 8          | 6885                   |       | 4.43                                 | 4.74 | N/A                                                   | 3.29                                                    | 10.89                                   |
|               |            | 7005                   |       | 4.35                                 | 4.41 | N/A                                                   | 3.29                                                    | 10.68                                   |
|               |            | 7085                   |       | 4.5                                  | 4.78 | N/A                                                   | 3.29                                                    | 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  | 5.12                                 | 5.21 | N/A                                            | 5.05        | 5.27 | N/A                                            | 3.92                                             | 12.10                            |
|               |            | 6145                   |       | 5.11                                 | 5.14 | N/A                                            | 5.19        | 5.13 | N/A                                            | 3.92                                             | 12.09                            |
|               |            | 6385                   |       | 4.73                                 | 4.97 | N/A                                            | 5.13        | 5.04 | N/A                                            | 3.86                                             | 11.96                            |
|               | 6          | 6465                   |       | 5.18                                 | 4.94 | N/A                                            | 5.06        | 5.24 | N/A                                            | 3.86                                             | 12.02                            |
|               |            | 6545                   |       | 4.77                                 | 5.42 | N/A                                            | 4.87        | 5.07 | N/A                                            | 3.86                                             | 11.98                            |
|               | 7          | 6625                   |       | 4.00                                 | 4.35 | N/A                                            | 4.04        | 4.31 | N/A                                            | 3.86                                             | 11.05                            |
|               |            | 6705                   |       | 4.1                                  | 4.33 | N/A                                            | 3.99        | 4.48 | N/A                                            | 3.86                                             | 11.11                            |
|               |            | 6785                   |       | 3.94                                 | 4.37 | N/A                                            | 3.96        | 4.49 | N/A                                            | 3.86                                             | 11.10                            |
|               | 8          | 6865                   |       | 3.96                                 | 4.45 | N/A                                            | 4.25        | 4.42 | N/A                                            | 3.29                                             | 10.64                            |
|               |            | 6945                   |       | 4.22                                 | 4.25 | N/A                                            | 4           | 4.45 | N/A                                            | 3.29                                             | 10.54                            |
|               |            | 7025                   |       | 4.01                                 | 4.34 | N/A                                            | 4.22        | 4.44 | N/A                                            | 3.29                                             | 10.63                            |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| 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  | 4.67                                 | 5.05 | N/A                                               | 4.45        | 5.1  | N/A                                               | 3.92                                             | 11.79                            |
|                      |            | 6185                   |       | 4.73                                 | 4.96 | N/A                                               | 4.75        | 4.95 | N/A                                               | 3.92                                             | 11.78                            |
|                      |            | 6345                   |       | 4.65                                 | 4.94 | N/A                                               | 4.68        | 4.92 | N/A                                               | 3.86                                             | 11.67                            |
|                      | 6          | 6505                   |       | 5.01                                 | 4.78 | N/A                                               | 4.85        | 5.16 | N/A                                               | 3.86                                             | 11.88                            |
|                      | 7          | 6665                   |       | 3.76                                 | 4.15 | N/A                                               | 3.36        | 4.03 | N/A                                               | 3.86                                             | 10.83                            |
|                      |            | 6825                   |       | 3.56                                 | 4.19 | N/A                                               | 3.46        | 4.32 | N/A                                               | 3.29                                             | 10.21                            |
|                      | 8          | 6985                   |       | 3.87                                 | 4.09 | N/A                                               | 3.69        | 4.47 | N/A                                               | 3.29                                             | 10.40                            |

| 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 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                   | 484T  | 4.46                                 | 5.09 | N/A                                            | 4.52         | 5.01 | N/A                                            | 3.92                                             | 11.72                            |
|                      |            | 6185                   |       | 4.49                                 | 4.97 | N/A                                            | 4.57         | 4.86 | N/A                                            | 3.92                                             | 11.67                            |
|                      |            | 6345                   |       | 4.34                                 | 4.79 | N/A                                            | 4.68         | 4.93 | N/A                                            | 3.86                                             | 11.68                            |
|                      | 6          | 6505                   |       | 4.66                                 | 5.15 | N/A                                            | 4.68         | 5.11 | N/A                                            | 3.86                                             | 11.78                            |
|                      | 7          | 6665                   |       | 3.71                                 | 4.26 | N/A                                            | 3.6          | 4.31 | N/A                                            | 3.86                                             | 10.86                            |
|                      |            | 6825                   |       | 3.6                                  | 4.21 | N/A                                            | 3.68         | 4.27 | N/A                                            | 3.29                                             | 10.29                            |
|                      | 8          | 6985                   |       | 3.72                                 | 4.21 | N/A                                            | 3.76         | 4.37 | N/A                                            | 3.29                                             | 10.38                            |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.07                                 | 6.42 | 0.159                                                 | 3.92                                                    | 13.85                                   |
|               |            | 6145                   |       | 6.97                                 | 6.19 | 0.159                                                 | 3.92                                                    | 13.69                                   |
|               |            | 6385                   |       | 7.15                                 | 6.56 | 0.159                                                 | 3.86                                                    | 13.89                                   |
|               | 6          | 6465                   |       | 7.03                                 | 6.2  | 0.159                                                 | 3.86                                                    | 13.66                                   |
|               |            | 6545                   |       | 7.05                                 | 6.2  | 0.159                                                 | 3.86                                                    | 13.68                                   |
|               | 7          | 6625                   |       | 6.45                                 | 5.41 | 0.159                                                 | 3.86                                                    | 12.99                                   |
|               |            | 6705                   |       | 6.11                                 | 5.21 | 0.159                                                 | 3.86                                                    | 12.71                                   |
|               |            | 6785                   |       | 5.99                                 | 5.13 | 0.159                                                 | 3.86                                                    | 12.61                                   |
|               | 8          | 6865                   |       | 5.98                                 | 5.32 | 0.159                                                 | 3.29                                                    | 12.12                                   |
|               |            | 6945                   |       | 6.23                                 | 5.57 | 0.159                                                 | 3.29                                                    | 12.37                                   |
|               |            | 7025                   |       | 6.35                                 | 5.68 | 0.159                                                 | 3.29                                                    | 12.49                                   |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                           |              |      |                                                           | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------|------------|------------------------|-------|--------------------------------------|------|-----------------------------------------------------------|--------------|------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                |            |                        |       | RU Index 67                          |      |                                                           | RU Index S67 |      |                                                           |                                                         |                                         |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 7.08                                 | 6.61 | 0.159                                                     | 7.12         | 6.45 | 0.159                                                     | 3.92                                                    | 13.94                                   |
|                |            | 6185                   |       | 7.05                                 | 6.37 | 0.159                                                     | 7.34         | 6.6  | 0.159                                                     | 3.92                                                    | 14.08                                   |
|                |            | 6345                   |       | 7.44                                 | 6.69 | 0.159                                                     | 7.24         | 6.75 | 0.159                                                     | 3.86                                                    | 14.11                                   |
|                | 6          | 6505                   |       | 6.67                                 | 5.92 | 0.159                                                     | 6.67         | 6    | 0.159                                                     | 3.86                                                    | 13.38                                   |
|                | 7          | 6665                   |       | 6.6                                  | 5.5  | 0.159                                                     | 6.26         | 5.49 | 0.159                                                     | 3.86                                                    | 13.11                                   |
|                |            | 6825                   |       | 6.25                                 | 5.46 | 0.159                                                     | 5.79         | 5.13 | 0.159                                                     | 3.29                                                    | 12.33                                   |
|                | 8          | 6985                   |       | 5.96                                 | 5.52 | 0.159                                                     | 6.08         | 5.29 | 0.159                                                     | 3.29                                                    | 12.20                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

Test SKU: SKU #2 (with LG (Luxshare), L1LRF008-CS-H)

**Tones: 26T**

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                             |            |       |                                                             |            |       |                                                             | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------------|------------|-------|-------------------------------------------------------------|------------|-------|-------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                             | RU Index 4 |       |                                                             | RU Index 8 |       |                                                             |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>$10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.26                                | -5.81 | 0.278                                                       | -6.17      | -5.87 | 0.278                                                       | -6.23      | -5.99 | 0.278                                                       | 3.92                                                    | 1.19                                    |
|               |            | 6175                   |       | -7.59                                | -7.66 | 0.278                                                       | -7.37      | -7.41 | 0.278                                                       | -7.61      | -7.71 | 0.278                                                       | 3.92                                                    | -0.18                                   |
|               |            | 6415                   |       | -7.83                                | -8.14 | 0.278                                                       | -7.75      | -8.01 | 0.278                                                       | -8.14      | -8.25 | 0.278                                                       | 2.48                                                    | -2.11                                   |
|               | 6          | 6435                   |       | -7.93                                | -8.01 | 0.278                                                       | -7.83      | -7.76 | 0.278                                                       | -7.99      | -8.11 | 0.278                                                       | 2.48                                                    | -2.03                                   |
|               |            | 6475                   |       | -8.22                                | -8.12 | 0.278                                                       | -7.91      | -8.00 | 0.278                                                       | -8.17      | -8.32 | 0.278                                                       | 2.48                                                    | -2.19                                   |
|               |            | 6515                   |       | -8.30                                | -8.35 | 0.278                                                       | -8.05      | -8.20 | 0.278                                                       | -8.34      | -8.42 | 0.278                                                       | 2.48                                                    | -2.36                                   |
|               | 7          | 6535                   |       | -9.01                                | -9.19 | 0.278                                                       | -8.95      | -9.02 | 0.278                                                       | -9.31      | -9.29 | 0.278                                                       | 2.48                                                    | -3.22                                   |
|               |            | 6695                   |       | -9.61                                | -9.05 | 0.278                                                       | -9.45      | -8.75 | 0.278                                                       | -9.70      | -8.97 | 0.278                                                       | 2.48                                                    | -3.32                                   |
|               |            | 6855                   |       | -9.08                                | -8.65 | 0.278                                                       | -9.02      | -8.46 | 0.278                                                       | -9.17      | -8.71 | 0.278                                                       | -2.99                                                   | -8.43                                   |
|               | 8          | 6875                   |       | -9.27                                | -8.81 | 0.278                                                       | -9.24      | -8.60 | 0.278                                                       | -9.47      | -8.86 | 0.278                                                       | -2.99                                                   | -8.61                                   |
|               |            | 6995                   |       | -8.26                                | -7.95 | 0.278                                                       | -8.17      | -7.80 | 0.278                                                       | -8.33      | -8.07 | 0.278                                                       | -2.99                                                   | -7.68                                   |
|               |            | 7115                   |       | -8.14                                | -7.70 | 0.278                                                       | -7.92      | -7.46 | 0.278                                                       | -8.08      | -7.68 | 0.278                                                       | -2.99                                                   | -7.39                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |            |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 8 |       |                                                          | RU Index 17 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX        | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.33                                | -5.98 | 0.278                                                    | -6.20      | -5.96 | 0.278                                                    | -6.24       | -5.93 | 0.278                                                    | 3.92                                                    | 1.13                                    |
|               |            | 6165                   |       | -7.28                                | -7.43 | 0.278                                                    | -7.41      | -7.65 | 0.278                                                    | -7.43       | -7.63 | 0.278                                                    | 3.92                                                    | -0.15                                   |
|               |            | 6405                   |       | -7.73                                | -7.98 | 0.278                                                    | -7.88      | -8.14 | 0.278                                                    | -8.02       | -8.26 | 0.278                                                    | 2.48                                                    | -2.08                                   |
|               | 6          | 6445                   |       | -7.93                                | -7.96 | 0.278                                                    | -8.23      | -8.09 | 0.278                                                    | -8.14       | -8.22 | 0.278                                                    | 2.48                                                    | -2.18                                   |
|               |            | 6485                   |       | -8.06                                | -8.07 | 0.278                                                    | -8.33      | -8.31 | 0.278                                                    | -8.38       | -8.38 | 0.278                                                    | 2.48                                                    | -2.30                                   |
|               | 7          | 6525                   |       | -8.28                                | -8.31 | 0.278                                                    | -8.42      | -8.50 | 0.278                                                    | -8.45       | -8.53 | 0.278                                                    | 2.48                                                    | -2.53                                   |
|               |            | 6685                   |       | -9.59                                | -9.01 | 0.278                                                    | -9.73      | -9.11 | 0.278                                                    | -9.69       | -9.01 | 0.278                                                    | 2.48                                                    | -3.52                                   |
|               |            | 6845                   |       | -8.96                                | -8.47 | 0.278                                                    | -9.06      | -8.65 | 0.278                                                    | -9.29       | -8.72 | 0.278                                                    | -2.99                                                   | -8.41                                   |
|               | 8          | 6885                   |       | -9.33                                | -8.75 | 0.278                                                    | -9.43      | -8.88 | 0.278                                                    | -9.53       | -9.10 | 0.278                                                    | -2.99                                                   | -8.73                                   |
|               |            | 7005                   |       | -8.21                                | -8.04 | 0.278                                                    | -8.35      | -8.25 | 0.278                                                    | -8.41       | -8.29 | 0.278                                                    | -2.99                                                   | -7.83                                   |
|               |            | 7085                   |       | -7.78                                | -7.38 | 0.278                                                    | -7.96      | -7.64 | 0.278                                                    | -8.82       | -8.36 | 0.278                                                    | -2.99                                                   | -7.28                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                          | RU Index 18 |       |                                                          | RU Index 36 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -6.42                                | -5.75 | 0.278                                                    | -5.73       | -5.35 | 0.278                                                    | -6.60       | -6.16 | 0.278                                                    | 3.92                                                    | 1.67                                    |
|               |            | 6145                   |       | -7.31                                | -7.23 | 0.278                                                    | -7.01       | -6.83 | 0.278                                                    | -7.84       | -7.61 | 0.278                                                    | 3.92                                                    | 0.29                                    |
|               |            | 6385                   |       | -7.86                                | -7.91 | 0.278                                                    | -7.41       | -7.44 | 0.278                                                    | -8.25       | -8.18 | 0.278                                                    | 2.48                                                    | -1.66                                   |
|               | 6          | 6465                   |       | -8.51                                | -8.10 | 0.278                                                    | -7.90       | -7.58 | 0.278                                                    | -8.81       | -8.46 | 0.278                                                    | 2.48                                                    | -1.97                                   |
|               |            | 6545                   |       | -8.62                                | -8.41 | 0.278                                                    | -8.28       | -8.02 | 0.278                                                    | -9.18       | -8.91 | 0.278                                                    | 2.48                                                    | -2.38                                   |
|               | 7          | 6625                   |       | -9.86                                | -9.05 | 0.278                                                    | -9.28       | -8.50 | 0.278                                                    | -10.09      | -9.04 | 0.278                                                    | 2.48                                                    | -3.10                                   |
|               |            | 6705                   |       | -9.99                                | -9.03 | 0.278                                                    | -9.46       | -8.43 | 0.278                                                    | -10.18      | -9.01 | 0.278                                                    | 2.48                                                    | -3.15                                   |
|               |            | 6785                   |       | -9.18                                | -8.48 | 0.278                                                    | -8.48       | -7.87 | 0.278                                                    | -9.33       | -8.57 | 0.278                                                    | 2.48                                                    | -2.40                                   |
|               | 8          | 6865                   |       | -9.40                                | -8.61 | 0.278                                                    | -8.95       | -8.14 | 0.278                                                    | -9.96       | -9.10 | 0.278                                                    | -2.99                                                   | -8.23                                   |
|               |            | 6945                   |       | -8.23                                | -7.49 | 0.278                                                    | -7.76       | -7.10 | 0.278                                                    | -8.76       | -7.98 | 0.278                                                    | -2.99                                                   | -7.12                                   |
|               |            | 7025                   |       | -8.64                                | -8.10 | 0.278                                                    | -8.30       | -7.71 | 0.278                                                    | -9.29       | -8.59 | 0.278                                                    | -2.99                                                   | -7.70                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |       |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|-------|
|                      |            |                        |       | RU Index 0                           |        |                                                          | RU Index 18 |       |                                                          | RU Index 36 |       |                                                          |                                                         |                                         |       |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |       |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -7.82                                | -8.04  | 0.278                                                    | -6.65       | -6.69 | 0.278                                                    | -6.40       | -6.17 | 0.278                                                    | 3.92                                                    | 0.92                                    |       |
|                      |            | 6185                   |       | -9.08                                | -8.81  | 0.278                                                    | -8.04       | -7.81 | 0.278                                                    | -7.73       | -7.36 | 0.278                                                    | 3.92                                                    | -0.33                                   |       |
|                      |            | 6345                   |       | -9.62                                | -8.92  | 0.278                                                    | -8.39       | -7.84 | 0.278                                                    | -8.00       | -7.44 | 0.278                                                    | 2.48                                                    | -1.94                                   |       |
|                      | 6          | 6505                   |       | -9.80                                | -9.55  | 0.278                                                    | -8.80       | -8.47 | 0.278                                                    | -8.41       | -8.12 | 0.278                                                    | 2.48                                                    | -2.49                                   |       |
|                      |            | 7                      |       | 6665                                 | -10.86 | -11.02                                                   | 0.278       | -9.64 | -9.84                                                    | 0.278       | -9.25 | -9.44                                                    | 0.278                                                   | 2.48                                    | -3.58 |
|                      |            |                        |       | 6825                                 | -10.17 | -10.43                                                   | 0.278       | -8.86 | -9.27                                                    | 0.278       | -8.51 | -8.85                                                    | 0.278                                                   | -2.99                                   | -8.38 |
|                      | 8          | 6985                   |       | -9.40                                | -9.53  | 0.278                                                    | -8.43       | -8.58 | 0.278                                                    | -8.04       | -8.06 | 0.278                                                    | -2.99                                                   | -7.75                                   |       |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |        |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|--------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S0                          |       |                                                          | RU Index S18 |       |                                                          | RU Index S36 |        |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.27                                | -6.05 | 0.278                                                    | -6.98        | -6.67 | 0.278                                                    | -8.61        | -8.24  | 0.278                                                    | 3.92                                                    | 1.05                                    |
|                      |            | 6185                   |       | -7.61                                | -7.38 | 0.278                                                    | -8.22        | -8.04 | 0.278                                                    | -9.68        | -9.49  | 0.278                                                    | 3.92                                                    | -0.29                                   |
|                      |            | 6345                   |       | -7.90                                | -7.45 | 0.278                                                    | -8.47        | -8.09 | 0.278                                                    | -10.18       | -9.70  | 0.278                                                    | 2.48                                                    | -1.90                                   |
|                      | 6          | 6505                   |       | -8.27                                | -8.20 | 0.278                                                    | -9.15        | -8.93 | 0.278                                                    | -10.73       | -10.53 | 0.278                                                    | 2.48                                                    | -2.47                                   |
|                      | 7          | 6665                   |       | -8.94                                | -9.44 | 0.278                                                    | -9.54        | -9.96 | 0.278                                                    | -10.73       | -11.37 | 0.278                                                    | 2.48                                                    | -3.41                                   |
|                      |            | 6825                   |       | -8.44                                | -8.96 | 0.278                                                    | -9.07        | -9.63 | 0.278                                                    | -10.78       | -11.21 | 0.278                                                    | -2.99                                                   | -8.39                                   |
|                      | 8          | 6985                   |       | -8.05                                | -8.17 | 0.278                                                    | -8.74        | -8.87 | 0.278                                                    | -10.21       | -10.45 | 0.278                                                    | -2.99                                                   | -7.81                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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### 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)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor 10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.06                                | -2.59 | 0.146                                  | -2.92       | -2.65 | 0.146                                  | -3.00       | -2.82 | 0.146                                  | 3.92                                             | 4.293                            |
|               |            | 6175                   |       | -4.19                                | -4.40 | 0.146                                  | -4.20       | -4.32 | 0.146                                  | -4.31       | -4.44 | 0.146                                  | 3.92                                             | 2.817                            |
|               |            | 6415                   |       | -4.53                                | -4.95 | 0.146                                  | -4.58       | -4.95 | 0.146                                  | -4.81       | -5.10 | 0.146                                  | 2.48                                             | 0.901                            |
|               | 6          | 6435                   |       | -4.75                                | -4.87 | 0.146                                  | -4.59       | -4.81 | 0.146                                  | -4.88       | -4.87 | 0.146                                  | 2.48                                             | 0.938                            |
|               |            | 6475                   |       | -4.96                                | -4.99 | 0.146                                  | -4.91       | -4.92 | 0.146                                  | -4.93       | -5.01 | 0.146                                  | 2.48                                             | 0.721                            |
|               |            | 6515                   |       | -5.05                                | -5.17 | 0.146                                  | -5.00       | -5.12 | 0.146                                  | -5.06       | -5.23 | 0.146                                  | 2.48                                             | 0.577                            |
|               | 7          | 6535                   |       | -5.82                                | -5.95 | 0.146                                  | -5.95       | -5.94 | 0.146                                  | -6.04       | -6.11 | 0.146                                  | 2.48                                             | -0.248                           |
|               |            | 6695                   |       | -6.35                                | -5.80 | 0.146                                  | -6.26       | -5.75 | 0.146                                  | -6.40       | -5.81 | 0.146                                  | 2.48                                             | -0.361                           |
|               |            | 6855                   |       | -5.88                                | -5.44 | 0.146                                  | -6.00       | -5.41 | 0.146                                  | -6.04       | -5.55 | 0.146                                  | -2.99                                            | -5.488                           |
|               | 8          | 6875                   |       | -6.13                                | -5.58 | 0.146                                  | -5.98       | -5.56 | 0.146                                  | -6.28       | -5.68 | 0.146                                  | -2.99                                            | -5.599                           |
|               |            | 6995                   |       | -5.20                                | -4.85 | 0.146                                  | -5.13       | -4.76 | 0.146                                  | -5.21       | -4.96 | 0.146                                  | -2.99                                            | -4.775                           |
|               |            | 7115                   |       | -4.85                                | -4.56 | 0.146                                  | -4.86       | -4.53 | 0.146                                  | -8.70       | -8.26 | 0.146                                  | -2.99                                            | -4.526                           |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 40 |       |                                                          | RU Index 44 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.30                                | -2.77 | 0.146                                                    | -3.20       | -2.89 | 0.146                                                    | -3.16       | -2.91 | 0.146                                                    | 3.92                                                    | 4.05                                    |
|               |            | 6165                   |       | -4.17                                | -4.38 | 0.146                                                    | -4.21       | -4.42 | 0.146                                                    | -4.34       | -4.48 | 0.146                                                    | 3.92                                                    | 2.80                                    |
|               |            | 6405                   |       | -4.52                                | -5.03 | 0.146                                                    | -4.72       | -5.01 | 0.146                                                    | -4.78       | -5.17 | 0.146                                                    | 2.48                                                    | 0.87                                    |
|               | 6          | 6445                   |       | -4.90                                | -4.88 | 0.146                                                    | -4.96       | -4.89 | 0.146                                                    | -4.97       | -5.03 | 0.146                                                    | 2.48                                                    | 0.75                                    |
|               |            | 6485                   |       | -5.03                                | -5.08 | 0.146                                                    | -4.92       | -5.06 | 0.146                                                    | -5.03       | -5.20 | 0.146                                                    | 2.48                                                    | 0.65                                    |
|               | 7          | 6525                   |       | -5.24                                | -5.21 | 0.146                                                    | -5.21       | -5.34 | 0.146                                                    | -5.12       | -5.31 | 0.146                                                    | 2.48                                                    | 0.42                                    |
|               |            | 6685                   |       | -6.33                                | -5.89 | 0.146                                                    | -6.34       | -5.87 | 0.146                                                    | -6.47       | -5.90 | 0.146                                                    | 2.48                                                    | -0.46                                   |
|               |            | 6845                   |       | -5.94                                | -5.44 | 0.146                                                    | -6.13       | -5.48 | 0.146                                                    | -6.18       | -5.56 | 0.146                                                    | -2.99                                                   | -5.52                                   |
|               | 8          | 6885                   |       | -6.14                                | -5.64 | 0.146                                                    | -6.38       | -5.69 | 0.146                                                    | -6.35       | -5.92 | 0.146                                                    | -2.99                                                   | -5.72                                   |
|               |            | 7005                   |       | -5.17                                | -4.83 | 0.146                                                    | -5.24       | -4.99 | 0.146                                                    | -5.43       | -5.13 | 0.146                                                    | -2.99                                                   | -4.83                                   |
|               |            | 7085                   |       | -4.69                                | -4.33 | 0.146                                                    | -4.75       | -4.42 | 0.146                                                    | -5.01       | -4.59 | 0.146                                                    | -2.99                                                   | -4.34                                   |

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

2. EIRP limit is 24dBm

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

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                          | RU Index 44 |       |                                                          | RU Index 52 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.08                                | -3.28 | 0.146                                                    | -2.70       | -2.82 | 0.146                                                    | -3.33       | -3.33 | 0.146                                                    | 3.92                                                    | 4.32                                    |
|               |            | 6145                   |       | -4.39                                | -4.07 | 0.146                                                    | -4.01       | -3.90 | 0.146                                                    | -4.80       | -4.58 | 0.146                                                    | 3.92                                                    | 3.12                                    |
|               |            | 6385                   |       | -5.10                                | -4.73 | 0.146                                                    | -4.69       | -4.46 | 0.146                                                    | -5.49       | -5.33 | 0.146                                                    | 2.48                                                    | 1.06                                    |
|               | 6          | 6465                   |       | -5.27                                | -5.37 | 0.146                                                    | -4.93       | -5.06 | 0.146                                                    | -5.60       | -5.66 | 0.146                                                    | 2.48                                                    | 0.64                                    |
|               |            | 6545                   |       | -5.49                                | -5.64 | 0.146                                                    | -5.23       | -5.41 | 0.146                                                    | -5.92       | -6.16 | 0.146                                                    | 2.48                                                    | 0.32                                    |
|               | 7          | 6625                   |       | -6.25                                | -6.84 | 0.146                                                    | -5.81       | -6.49 | 0.146                                                    | -6.24       | -7.05 | 0.146                                                    | 2.48                                                    | -0.50                                   |
|               |            | 6705                   |       | -6.28                                | -7.07 | 0.146                                                    | -5.70       | -6.70 | 0.146                                                    | -6.22       | -7.26 | 0.146                                                    | 2.48                                                    | -0.53                                   |
|               |            | 6785                   |       | -5.63                                | -6.25 | 0.146                                                    | -5.25       | -5.89 | 0.146                                                    | -5.77       | -6.52 | 0.146                                                    | 2.48                                                    | 0.08                                    |
|               | 8          | 6865                   |       | -5.82                                | -6.58 | 0.146                                                    | -5.49       | -6.41 | 0.146                                                    | -6.24       | -7.08 | 0.146                                                    | -2.99                                                   | -5.76                                   |
|               |            | 6945                   |       | -5.09                                | -5.36 | 0.146                                                    | -4.43       | -5.08 | 0.146                                                    | -5.15       | -5.67 | 0.146                                                    | -2.99                                                   | -4.58                                   |
|               |            | 7025                   |       | -5.37                                | -5.84 | 0.146                                                    | -5.17       | -5.58 | 0.146                                                    | -5.81       | -6.27 | 0.146                                                    | -2.99                                                   | -5.20                                   |

| 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   | -4.47                                | -4.68 | 0.146                                          | -3.62       | -3.49 | 0.146                                          | -3.11       | -3.00 | 0.146                                          | 3.92                                             | 4.02                             |
|                      |            | 6185                   |       | -5.95                                | -5.47 | 0.146                                          | -4.83       | -4.57 | 0.146                                          | -4.42       | -4.18 | 0.146                                          | 3.92                                             | 2.78                             |
|                      |            | 6345                   |       | -6.49                                | -5.88 | 0.146                                          | -5.31       | -4.73 | 0.146                                          | -4.70       | -4.27 | 0.146                                          | 2.48                                             | 1.16                             |
|                      | 6          | 6505                   |       | -6.72                                | -6.54 | 0.146                                          | -5.60       | -5.52 | 0.146                                          | -5.31       | -5.05 | 0.146                                          | 2.48                                             | 0.46                             |
|                      | 7          | 6665                   |       | -7.69                                | -8.02 | 0.146                                          | -6.50       | -6.92 | 0.146                                          | -5.97       | -6.34 | 0.146                                          | 2.48                                             | -0.51                            |
|                      |            | 6825                   |       | -7.18                                | -7.40 | 0.146                                          | -5.91       | -6.34 | 0.146                                          | -5.40       | -5.97 | 0.146                                          | -2.99                                            | -5.51                            |
|                      | 8          | 6985                   |       | -6.12                                | -6.53 | 0.146                                          | -5.26       | -5.46 | 0.146                                          | -4.90       | -5.17 | 0.146                                          | -2.99                                            | -4.87                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |              |       |                                                          |              |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|--------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S37                         |       |                                                          | RU Index S44 |       |                                                          | RU Index S52 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.06                                | -3.09 | 0.146                                                    | -3.84        | -3.56 | 0.146                                                    | -5.45        | -5.10 | 0.146                                                    | 3.92                                                    | 4.00                                    |
|                      |            | 6185                   |       | -4.54                                | -4.21 | 0.146                                                    | -5.10        | -4.89 | 0.146                                                    | -6.47        | -6.39 | 0.146                                                    | 3.92                                                    | 2.70                                    |
|                      |            | 6345                   |       | -4.78                                | -4.37 | 0.146                                                    | -5.32        | -4.94 | 0.146                                                    | -7.14        | -6.47 | 0.146                                                    | 2.48                                                    | 1.07                                    |
|                      | 6          | 6505                   |       | -5.16                                | -5.10 | 0.146                                                    | -5.99        | -5.68 | 0.146                                                    | -7.53        | -7.35 | 0.146                                                    | 2.48                                                    | 0.51                                    |
|                      | 7          | 6665                   |       | -6.04                                | -6.47 | 0.146                                                    | -6.42        | -6.98 | 0.146                                                    | -7.71        | -8.34 | 0.146                                                    | 2.48                                                    | -0.61                                   |
|                      |            | 6825                   |       | -5.40                                | -6.02 | 0.146                                                    | -6.05        | -6.60 | 0.146                                                    | -7.76        | -8.25 | 0.146                                                    | -2.99                                                   | -5.53                                   |
|                      | 8          | 6985                   |       | -4.79                                | -5.22 | 0.146                                                    | -5.66        | -5.78 | 0.146                                                    | -7.33        | -7.43 | 0.146                                                    | -2.99                                                   | -4.83                                   |

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 &gt; 98%.

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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### 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  | -0.05                                | 0.22  | N/A                                               | -0.05       | 0.28  | N/A                                               | 3.92                                             | 7.05                             |
|               |            | 6175                   |       | -1.03                                | -1.21 | N/A                                               | -1.24       | -1.30 | N/A                                               | 3.92                                             | 5.81                             |
|               |            | 6415                   |       | -1.47                                | -1.87 | N/A                                               | -1.56       | -2.00 | N/A                                               | 2.48                                             | 3.82                             |
|               | 6          | 6435                   |       | -1.72                                | -1.66 | N/A                                               | -1.69       | -1.72 | N/A                                               | 2.48                                             | 3.80                             |
|               |            | 6475                   |       | -1.72                                | -1.84 | N/A                                               | -1.96       | -1.90 | N/A                                               | 2.48                                             | 3.71                             |
|               |            | 6515                   |       | -1.90                                | -1.93 | N/A                                               | -1.89       | -2.00 | N/A                                               | 2.48                                             | 3.58                             |
|               | 7          | 6535                   |       | -2.78                                | -2.98 | N/A                                               | -2.90       | -2.97 | N/A                                               | 2.48                                             | 2.61                             |
|               |            | 6695                   |       | -3.44                                | -2.82 | N/A                                               | -3.33       | -2.77 | N/A                                               | 2.48                                             | 2.45                             |
|               |            | 6855                   |       | -2.96                                | -2.34 | N/A                                               | -3.05       | -2.43 | N/A                                               | -2.99                                            | -2.62                            |
|               | 8          | 6875                   |       | -2.97                                | -2.48 | N/A                                               | -3.09       | -2.61 | N/A                                               | -2.99                                            | -2.70                            |
|               |            | 6995                   |       | -1.92                                | -1.69 | N/A                                               | -1.97       | -1.77 | N/A                                               | -2.99                                            | -1.78                            |
|               |            | 7115                   |       | -1.84                                | -1.41 | N/A                                               | -8.68       | -8.14 | N/A                                               | -2.99                                            | -1.60                            |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 54 |       |                                                          | RU Index 56 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.14                                | 0.16  | N/A                                                      | -0.07       | 0.19  | N/A                                                      | -0.10       | 0.07  | N/A                                                      | 3.92                                                    | 6.99                                    |
|               |            | 6165                   |       | -1.13                                | -1.30 | N/A                                                      | -1.19       | -1.34 | N/A                                                      | -1.31       | -1.45 | N/A                                                      | 3.92                                                    | 5.72                                    |
|               |            | 6405                   |       | -1.56                                | -1.89 | N/A                                                      | -1.51       | -1.93 | N/A                                                      | -1.79       | -2.10 | N/A                                                      | 2.48                                                    | 3.78                                    |
|               | 6          | 6445                   |       | -1.79                                | -1.85 | N/A                                                      | -1.72       | -1.76 | N/A                                                      | -1.83       | -1.88 | N/A                                                      | 2.48                                                    | 3.75                                    |
|               |            | 6485                   |       | -1.95                                | -1.96 | N/A                                                      | -1.83       | -2.00 | N/A                                                      | -2.13       | -2.10 | N/A                                                      | 2.48                                                    | 3.58                                    |
|               | 7          | 6525                   |       | -2.08                                | -2.15 | N/A                                                      | -2.12       | -2.19 | N/A                                                      | -2.19       | -2.39 | N/A                                                      | 2.48                                                    | 3.38                                    |
|               |            | 6685                   |       | -3.30                                | -2.85 | N/A                                                      | -3.34       | -2.85 | N/A                                                      | -3.42       | -2.86 | N/A                                                      | 2.48                                                    | 2.42                                    |
|               |            | 6845                   |       | -2.86                                | -2.39 | N/A                                                      | -3.02       | -2.40 | N/A                                                      | -3.22       | -2.62 | N/A                                                      | -2.99                                                   | -2.60                                   |
|               | 8          | 6885                   |       | -3.13                                | -2.60 | N/A                                                      | -3.24       | -2.67 | N/A                                                      | -3.47       | -2.85 | N/A                                                      | -2.99                                                   | -2.84                                   |
|               |            | 7005                   |       | -2.17                                | -1.84 | N/A                                                      | -2.12       | -1.83 | N/A                                                      | -2.30       | -2.04 | N/A                                                      | -2.99                                                   | -1.95                                   |
|               |            | 7085                   |       | -1.83                                | -1.38 | N/A                                                      | -1.82       | -1.40 | N/A                                                      | -1.91       | -1.54 | N/A                                                      | -2.99                                                   | -1.58                                   |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.18                                | -0.21 | N/A                                                      | 0.29        | 0.21  | N/A                                                      | -0.54       | -0.34 | N/A                                                      | 3.92                                                    | 7.18                                    |
|               |            | 6145                   |       | -1.48                                | -1.24 | N/A                                                      | -1.26       | -1.03 | N/A                                                      | -1.81       | -1.58 | N/A                                                      | 3.92                                                    | 5.79                                    |
|               |            | 6385                   |       | -2.19                                | -1.84 | N/A                                                      | -1.88       | -1.63 | N/A                                                      | -2.44       | -2.23 | N/A                                                      | 2.48                                                    | 3.74                                    |
|               | 6          | 6465                   |       | -2.11                                | -2.44 | N/A                                                      | -1.92       | -2.23 | N/A                                                      | -2.47       | -2.75 | N/A                                                      | 2.48                                                    | 3.42                                    |
|               |            | 6545                   |       | -2.46                                | -2.72 | N/A                                                      | -2.35       | -2.53 | N/A                                                      | -2.98       | -3.20 | N/A                                                      | 2.48                                                    | 3.05                                    |
|               | 7          | 6625                   |       | -3.24                                | -3.94 | N/A                                                      | -2.88       | -3.62 | N/A                                                      | -3.34       | -4.09 | N/A                                                      | 2.48                                                    | 2.26                                    |
|               |            | 6705                   |       | -3.12                                | -4.19 | N/A                                                      | -2.74       | -3.86 | N/A                                                      | -3.12       | -4.32 | N/A                                                      | 2.48                                                    | 2.23                                    |
|               |            | 6785                   |       | -2.16                                | -2.94 | N/A                                                      | -1.96       | -2.72 | N/A                                                      | -2.56       | -3.43 | N/A                                                      | 2.48                                                    | 3.17                                    |
|               | 8          | 6865                   |       | -2.55                                | -3.29 | N/A                                                      | -2.32       | -3.15 | N/A                                                      | -3.00       | -3.82 | N/A                                                      | -2.99                                                   | -2.69                                   |
|               |            | 6945                   |       | -1.57                                | -2.10 | N/A                                                      | -1.30       | -1.82 | N/A                                                      | -2.09       | -2.47 | N/A                                                      | -2.99                                                   | -1.53                                   |
|               |            | 7025                   |       | -2.14                                | -2.49 | N/A                                                      | -1.91       | -2.34 | N/A                                                      | -2.74       | -2.93 | N/A                                                      | -2.99                                                   | -2.10                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                          | RU Index 56 |       |                                                          | RU Index 60 |       |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.40                                | -1.50 | N/A                                                      | -0.58       | -0.47 | N/A                                                      | -0.21       | 0.08  | N/A                                                      | 3.92                                                    | 6.87                                    |
|                      |            | 6185                   |       | -2.70                                | -2.48 | N/A                                                      | -1.84       | -1.60 | N/A                                                      | -1.44       | -1.22 | N/A                                                      | 3.92                                                    | 5.60                                    |
|                      |            | 6345                   |       | -3.45                                | -2.72 | N/A                                                      | -2.39       | -1.73 | N/A                                                      | -1.84       | -1.21 | N/A                                                      | 2.48                                                    | 3.98                                    |
|                      | 6          | 6505                   |       | -3.35                                | -3.33 | N/A                                                      | -2.36       | -2.39 | N/A                                                      | -2.07       | -1.95 | N/A                                                      | 2.48                                                    | 3.48                                    |
|                      | 7          | 6665                   |       | -4.59                                | -4.73 | N/A                                                      | -3.64       | -3.77 | N/A                                                      | -2.99       | -3.22 | N/A                                                      | 2.48                                                    | 2.39                                    |
|                      |            | 6825                   |       | -3.97                                | -3.92 | N/A                                                      | -3.20       | -3.02 | N/A                                                      | -2.63       | -2.55 | N/A                                                      | -2.99                                                   | -2.57                                   |
|                      | 8          | 6985                   |       | -3.10                                | -3.06 | N/A                                                      | -2.16       | -2.15 | N/A                                                      | -1.86       | -1.81 | N/A                                                      | -2.99                                                   | -1.81                                   |
|                      |            |                        |       |                                      |       |                                                          |             |       |                                                          |             |       |                                                          |                                                         |                                         |
|                      |            |                        |       |                                      |       |                                                          |             |       |                                                          |             |       |                                                          |                                                         |                                         |

| 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<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main  | Duty Cycle Factor<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 106T  | -0.11                                | 0.08  | N/A                                                  | -0.78        | -0.41 | N/A                                                  | -2.30        | -1.97 | N/A                                                  | 3.92                                             | 6.92                             |
|                      |            | 6185                   |       | -1.46                                | -1.22 | N/A                                                  | -1.97        | -1.70 | N/A                                                  | -3.33        | -3.26 | N/A                                                  | 3.92                                             | 5.59                             |
|                      |            | 6345                   |       | -1.71                                | -1.26 | N/A                                                  | -2.21        | -1.73 | N/A                                                  | -3.74        | -3.26 | N/A                                                  | 2.48                                             | 4.01                             |
|                      | 6          | 6505                   |       | -2.18                                | -1.98 | N/A                                                  | -2.67        | -2.57 | N/A                                                  | -4.26        | -4.09 | N/A                                                  | 2.48                                             | 3.41                             |
|                      | 7          | 6665                   |       | -3.23                                | -3.32 | N/A                                                  | -3.83        | -3.74 | N/A                                                  | -5.14        | -5.11 | N/A                                                  | 2.48                                             | 2.22                             |
|                      |            | 6825                   |       | -2.69                                | -2.63 | N/A                                                  | -3.23        | -3.24 | N/A                                                  | -4.63        | -4.80 | N/A                                                  | -2.99                                            | -2.64                            |
|                      | 8          | 6985                   |       | -1.94                                | -1.79 | N/A                                                  | -2.54        | -2.37 | N/A                                                  | -4.01        | -3.91 | N/A                                                  | -2.99                                            | -1.84                            |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

### Tones: 242T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                       | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                       |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor 10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.78                                 | 2.31  | 0.15                                                  | 3.92                                                    | 9.13                                    |
|               |            | 6175                   |       | 1.84                                 | 2.31  | 0.15                                                  | 3.92                                                    | 9.16                                    |
|               |            | 6415                   |       | 1.59                                 | 2.22  | 0.15                                                  | 2.48                                                    | 7.56                                    |
|               | 6          | 6435                   |       | 1.08                                 | 1.74  | 0.15                                                  | 2.48                                                    | 7.06                                    |
|               |            | 6475                   |       | 1.16                                 | 1.66  | 0.15                                                  | 2.48                                                    | 7.06                                    |
|               |            | 6515                   |       | 1.38                                 | 1.61  | 0.15                                                  | 2.48                                                    | 7.14                                    |
|               | 7          | 6535                   |       | 1.23                                 | 1.44  | 0.15                                                  | 2.48                                                    | 6.98                                    |
|               |            | 6695                   |       | 1.31                                 | 1.61  | 0.15                                                  | 2.48                                                    | 7.10                                    |
|               |            | 6855                   |       | 1.29                                 | 1.61  | 0.15                                                  | -2.99                                                   | 1.62                                    |
|               | 8          | 6875                   |       | 0.75                                 | 0.99  | 0.15                                                  | -2.99                                                   | 1.04                                    |
|               |            | 6995                   |       | 0.62                                 | 0.78  | 0.15                                                  | -2.99                                                   | 0.87                                    |
|               |            | 7115                   |       | -3.22                                | -2.75 | 0.15                                                  | -2.99                                                   | -2.81                                   |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                          |             |       |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------|-------------|-------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                          | RU Index 62 |       |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.63                                 | 1.17  | 0.15                                                     | 1.6         | 1.09  | 0.15                                                     | 3.92                                                    | 8.49                                    |
|               |            | 6165                   |       | 1.46                                 | 1.23  | 0.15                                                     | 1.3         | 1.06  | 0.15                                                     | 3.92                                                    | 8.43                                    |
|               |            | 6405                   |       | 1.43                                 | 1.3   | 0.15                                                     | 1.36        | 1.31  | 0.15                                                     | 2.48                                                    | 7.01                                    |
|               | 6          | 6445                   |       | 0.72                                 | 0.95  | 0.15                                                     | 1.03        | 0.83  | 0.15                                                     | 2.48                                                    | 6.57                                    |
|               |            | 6485                   |       | 0.98                                 | 0.79  | 0.15                                                     | 0.71        | 1.24  | 0.15                                                     | 2.48                                                    | 6.62                                    |
|               | 7          | 6525                   |       | 1.09                                 | 0.78  | 0.15                                                     | 1.81        | 1.38  | 0.15                                                     | 2.48                                                    | 7.24                                    |
|               |            | 6685                   |       | 0.85                                 | 0.02  | 0.15                                                     | 1.02        | 0.06  | 0.15                                                     | 2.48                                                    | 6.21                                    |
|               |            | 6845                   |       | 0.76                                 | -0.16 | 0.15                                                     | 1           | 0.02  | 0.15                                                     | -2.99                                                   | 0.71                                    |
|               | 8          | 6885                   |       | 0.49                                 | -0.27 | 0.15                                                     | 0.43        | -0.26 | 0.15                                                     | -2.99                                                   | 0.30                                    |
|               |            | 7005                   |       | 0.47                                 | -0.49 | 0.15                                                     | 0.55        | -0.32 | 0.15                                                     | -2.99                                                   | 0.31                                    |
|               |            | 7085                   |       | 0.52                                 | -0.06 | 0.15                                                     | 0.81        | 0.35  | 0.15                                                     | -2.99                                                   | 0.76                                    |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 2.12                                 | 2.55 | 0.15                                                     | 2.13        | 2.78 | 0.15                                                     | 2.01        | 2.28 | 0.15                                                     | 3.92                                                    | 9.55                                    |
|               |            | 6145                   |       | 2.26                                 | 2.42 | 0.15                                                     | 2.09        | 2.46 | 0.15                                                     | 1.88        | 2.19 | 0.15                                                     | 3.92                                                    | 9.42                                    |
|               |            | 6385                   |       | 1.83                                 | 2.02 | 0.15                                                     | 2.12        | 2.23 | 0.15                                                     | 2.03        | 2.2  | 0.15                                                     | 2.48                                                    | 7.82                                    |
|               | 6          | 6465                   |       | 1.58                                 | 1.46 | 0.15                                                     | 2.5         | 2.52 | 0.15                                                     | 1.53        | 1.55 | 0.15                                                     | 2.48                                                    | 8.15                                    |
|               |            | 6545                   |       | 0.98                                 | 1.87 | 0.15                                                     | 1.94        | 2.79 | 0.15                                                     | 1.76        | 2.31 | 0.15                                                     | 2.48                                                    | 8.03                                    |
|               | 7          | 6625                   |       | 0.6                                  | 1.55 | 0.15                                                     | 0.87        | 1.72 | 0.15                                                     | 0.61        | 1.49 | 0.15                                                     | 2.48                                                    | 6.96                                    |
|               |            | 6705                   |       | 0.77                                 | 1.56 | 0.15                                                     | 0.87        | 1.71 | 0.15                                                     | 0.62        | 1.5  | 0.15                                                     | 2.48                                                    | 6.95                                    |
|               |            | 6785                   |       | 0.64                                 | 1.41 | 0.15                                                     | 0.69        | 1.54 | 0.15                                                     | 0.62        | 1.54 | 0.15                                                     | 2.48                                                    | 6.78                                    |
|               | 8          | 6865                   |       | 0.55                                 | 1.24 | 0.15                                                     | 0.92        | 1.74 | 0.15                                                     | 0.22        | 0.69 | 0.15                                                     | -2.99                                                   | 1.52                                    |
|               |            | 6945                   |       | 0.19                                 | 0.77 | 0.15                                                     | 1.11        | 1.77 | 0.15                                                     | 0.07        | 0.75 | 0.15                                                     | -2.99                                                   | 1.62                                    |
|               |            | 7025                   |       | -0.1                                 | 0.74 | 0.15                                                     | 0.91        | 1.77 | 0.15                                                     | -0.21       | 1.02 | 0.15                                                     | -2.99                                                   | 1.53                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                          |             |      |                                                          |             |      |                                                          | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|-------------|------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 61                          |      |                                                          | RU Index 62 |      |                                                          | RU Index 64 |      |                                                          |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.66                                 | 2.42 | 0.15                                                     | 1.97        | 2.71 | 0.15                                                     | 1.44        | 2.3  | 0.15                                                     | 3.92                                                    | 9.44                                    |
|                      |            | 6185                   |       | 1.6                                  | 2.11 | 0.15                                                     | 1.91        | 2.59 | 0.15                                                     | 1.54        | 2.15 | 0.15                                                     | 3.92                                                    | 9.34                                    |
|                      |            | 6345                   |       | 1.62                                 | 2.16 | 0.15                                                     | 1.98        | 2.37 | 0.15                                                     | 1.47        | 2.11 | 0.15                                                     | 2.48                                                    | 7.82                                    |
|                      | 6          | 6505                   |       | 1.29                                 | 1.53 | 0.15                                                     | 2.26        | 2.69 | 0.15                                                     | 1.17        | 1.58 | 0.15                                                     | 2.48                                                    | 8.12                                    |
|                      | 7          | 6665                   |       | -0.12                                | 1.06 | 0.15                                                     | 0.29        | 1.58 | 0.15                                                     | -0.08       | 1.5  | 0.15                                                     | 2.48                                                    | 6.62                                    |
|                      |            | 6825                   |       | -0.38                                | 1.17 | 0.15                                                     | 0.03        | 1.35 | 0.15                                                     | -0.45       | 1    | 0.15                                                     | -2.99                                                   | 0.91                                    |
|                      | 8          | 6985                   |       | -0.75                                | 0.37 | 0.15                                                     | 0.43        | 1.7  | 0.15                                                     | -0.89       | 0.61 | 0.15                                                     | -2.99                                                   | 1.28                                    |

| 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  | 1.28                                 | 2.48 | 0.15                                           | 1.25         | 2.25 | 0.15                                           | 1.46         | 2.29 | 0.15                                           | 3.92                                             | 9.00                             |
|                      |            | 6185                   |       | 1.42                                 | 2.1  | 0.15                                           | 1.32         | 2.21 | 0.15                                           | 1.6          | 2.21 | 0.15                                           | 3.92                                             | 9.00                             |
|                      |            | 6345                   |       | 1.41                                 | 1.97 | 0.15                                           | 1.41         | 2.05 | 0.15                                           | 1.68         | 2.27 | 0.15                                           | 2.48                                             | 7.63                             |
|                      | 6          | 6505                   |       | 1.14                                 | 1.76 | 0.15                                           | 1.84         | 2.36 | 0.15                                           | 1.59         | 2.21 | 0.15                                           | 2.48                                             | 7.75                             |
|                      | 7          | 6665                   |       | -0.44                                | 1.15 | 0.15                                           | -0.61        | 1.05 | 0.15                                           | -0.67        | 1.29 | 0.15                                           | 2.48                                             | 6.07                             |
|                      |            | 6825                   |       | -0.68                                | 1.08 | 0.15                                           | 0.1          | 1.13 | 0.15                                           | -0.5         | 0.65 | 0.15                                           | -2.99                                            | 0.82                             |
|                      | 8          | 6985                   |       | -0.91                                | 0.53 | 0.15                                           | -0.01        | 1.28 | 0.15                                           | -0.65        | 0.62 | 0.15                                           | -2.99                                            | 0.85                             |

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:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99\text{dBi}$$

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

**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  | 5.09                                 | 5.37 | N/A                                            | 3.92                                             | 12.16                            |
|               |            | 6165                   |       | 4.92                                 | 5.36 | N/A                                            | 3.92                                             | 12.08                            |
|               |            | 6405                   |       | 4.8                                  | 5.16 | N/A                                            | 2.48                                             | 10.47                            |
|               | 6          | 6445                   |       | 4.92                                 | 5.42 | N/A                                            | 2.48                                             | 10.67                            |
|               |            | 6485                   |       | 5.03                                 | 5.42 | N/A                                            | 2.48                                             | 10.72                            |
|               | 7          | 6525                   |       | 5.16                                 | 5.29 | N/A                                            | 2.48                                             | 10.72                            |
|               |            | 6685                   |       | 4.34                                 | 4.68 | N/A                                            | 2.48                                             | 10.00                            |
|               |            | 6845                   |       | 4.34                                 | 4.54 | N/A                                            | -2.99                                            | 4.46                             |
|               | 8          | 6885                   |       | 4.43                                 | 4.74 | N/A                                            | -2.99                                            | 4.61                             |
|               |            | 7005                   |       | 4.35                                 | 4.41 | N/A                                            | -2.99                                            | 4.40                             |
|               |            | 7085                   |       | 4.5                                  | 4.78 | N/A                                            | -2.99                                            | 4.66                             |

| 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  | 5.12                                 | 5.21 | N/A                                            | 5.05        | 5.27 | N/A                                            | 3.92                                             | 12.10                            |
|               |            | 6145                   |       | 5.11                                 | 5.14 | N/A                                            | 5.19        | 5.13 | N/A                                            | 3.92                                             | 12.09                            |
|               |            | 6385                   |       | 4.73                                 | 4.97 | N/A                                            | 5.13        | 5.04 | N/A                                            | 2.48                                             | 10.58                            |
|               | 6          | 6465                   |       | 5.18                                 | 4.94 | N/A                                            | 5.06        | 5.24 | N/A                                            | 2.48                                             | 10.64                            |
|               |            | 6545                   |       | 4.77                                 | 5.42 | N/A                                            | 4.87        | 5.07 | N/A                                            | 2.48                                             | 10.60                            |
|               | 7          | 6625                   |       | 4                                    | 4.35 | N/A                                            | 4.04        | 4.31 | N/A                                            | 2.48                                             | 9.67                             |
|               |            | 6705                   |       | 4.1                                  | 4.33 | N/A                                            | 3.99        | 4.48 | N/A                                            | 2.48                                             | 9.73                             |
|               |            | 6785                   |       | 3.94                                 | 4.37 | N/A                                            | 3.96        | 4.49 | N/A                                            | 2.48                                             | 9.72                             |
|               | 8          | 6865                   |       | 3.96                                 | 4.45 | N/A                                            | 4.25        | 4.42 | N/A                                            | -2.99                                            | 4.36                             |
|               |            | 6945                   |       | 4.22                                 | 4.25 | N/A                                            | 4           | 4.45 | N/A                                            | -2.99                                            | 4.26                             |
|               |            | 7025                   |       | 4.01                                 | 4.34 | N/A                                            | 4.22        | 4.44 | N/A                                            | -2.99                                            | 4.35                             |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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| 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  | 4.67                                 | 5.05 | N/A                                               | 4.45        | 5.1  | N/A                                               | 3.92                                             | 11.79                            |
|                      |            | 6185                   |       | 4.73                                 | 4.96 | N/A                                               | 4.75        | 4.95 | N/A                                               | 3.92                                             | 11.78                            |
|                      |            | 6345                   |       | 4.65                                 | 4.94 | N/A                                               | 4.68        | 4.92 | N/A                                               | 2.48                                             | 10.29                            |
|                      | 6          | 6505                   |       | 5.01                                 | 4.78 | N/A                                               | 4.85        | 5.16 | N/A                                               | 2.48                                             | 10.50                            |
|                      | 7          | 6665                   |       | 3.76                                 | 4.15 | N/A                                               | 3.36        | 4.03 | N/A                                               | 2.48                                             | 9.45                             |
|                      |            | 6825                   |       | 3.56                                 | 4.19 | N/A                                               | 3.46        | 4.32 | N/A                                               | -2.99                                            | 3.93                             |
|                      | 8          | 6985                   |       | 3.87                                 | 4.09 | N/A                                               | 3.69        | 4.47 | N/A                                               | -2.99                                            | 4.12                             |

| 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 S65                         |      |                                                | RU Index S66 |      |                                                |                                                  |                                  |
|                      |            |                        |       | 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                   | 484T  | 4.46                                 | 5.09 | N/A                                            | 4.52         | 5.01 | N/A                                            | 3.92                                             | 11.72                            |
|                      |            | 6185                   |       | 4.49                                 | 4.97 | N/A                                            | 4.57         | 4.86 | N/A                                            | 3.92                                             | 11.67                            |
|                      |            | 6345                   |       | 4.34                                 | 4.79 | N/A                                            | 4.68         | 4.93 | N/A                                            | 2.48                                             | 10.30                            |
|                      | 6          | 6505                   |       | 4.66                                 | 5.15 | N/A                                            | 4.68         | 5.11 | N/A                                            | 2.48                                             | 10.40                            |
|                      | 7          | 6665                   |       | 3.71                                 | 4.26 | N/A                                            | 3.6          | 4.31 | N/A                                            | 2.48                                             | 9.48                             |
|                      |            | 6825                   |       | 3.6                                  | 4.21 | N/A                                            | 3.68         | 4.27 | N/A                                            | -2.99                                            | 4.01                             |
|                      | 8          | 6985                   |       | 3.72                                 | 4.21 | N/A                                            | 3.76         | 4.37 | N/A                                            | -2.99                                            | 4.10                             |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2]$  = 3.92dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2]$  = 2.48dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2]$  = -2.99dBi

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

### 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  | 7.07                                 | 6.42 | 0.159                                          | 3.92                                             | 13.85                            |
|               |            | 6145                   |       | 6.97                                 | 6.19 | 0.159                                          | 3.92                                             | 13.69                            |
|               |            | 6385                   |       | 7.15                                 | 6.56 | 0.159                                          | 2.48                                             | 12.51                            |
|               | 6          | 6465                   |       | 7.03                                 | 6.2  | 0.159                                          | 2.48                                             | 12.28                            |
|               |            | 6545                   |       | 7.05                                 | 6.2  | 0.159                                          | 2.48                                             | 12.30                            |
|               | 7          | 6625                   |       | 6.45                                 | 5.41 | 0.159                                          | 2.48                                             | 11.61                            |
|               |            | 6705                   |       | 6.11                                 | 5.21 | 0.159                                          | 2.48                                             | 11.33                            |
|               |            | 6785                   |       | 5.99                                 | 5.13 | 0.159                                          | 2.48                                             | 11.23                            |
|               | 8          | 6865                   |       | 5.98                                 | 5.32 | 0.159                                          | -2.99                                            | 5.84                             |
|               |            | 6945                   |       | 6.23                                 | 5.57 | 0.159                                          | -2.99                                            | 6.09                             |
|               |            | 7025                   |       | 6.35                                 | 5.68 | 0.159                                          | -2.99                                            | 6.21                             |

| 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 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  | 7.08                                 | 6.61 | 0.159                                          | 7.12         | 6.45 | 0.159                                          | 3.92                                             | 13.94                            |
|                |            | 6185                   |       | 7.05                                 | 6.37 | 0.159                                          | 7.34         | 6.6  | 0.159                                          | 3.92                                             | 14.08                            |
|                |            | 6345                   |       | 7.44                                 | 6.69 | 0.159                                          | 7.24         | 6.75 | 0.159                                          | 3.92                                             | 14.09                            |
|                | 6          | 6505                   |       | 6.67                                 | 5.92 | 0.159                                          | 6.67         | 6    | 0.159                                          | 2.48                                             | 12.00                            |
|                | 7          | 6665                   |       | 6.6                                  | 5.5  | 0.159                                          | 6.26         | 5.49 | 0.159                                          | 2.48                                             | 11.73                            |
|                |            | 6825                   |       | 6.25                                 | 5.46 | 0.159                                          | 5.79         | 5.13 | 0.159                                          | -2.99                                            | 6.05                             |
|                | 8          | 6985                   |       | 5.96                                 | 5.52 | 0.159                                          | 6.08         | 5.29 | 0.159                                          | -2.99                                            | 5.92                             |

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{4.7/10} + 10^{2.9/10})/2] = 3.92$  dBi

6525MHz: Directional gain =  $10 \log[(10^{1.3/10} + 10^{3.4/10})/2] = 2.48$  dBi

7125MHz: Directional gain =  $10 \log[(10^{-1.6/10} + 10^{-4.9/10})/2] = -2.99$  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 (dBm) = Max of Average Conducted Output Power (dBm) [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor(dB)]+ Directional gain (dBi).

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Test SKU: SKU (Mode) 1 with LG (INPAQ), WA-P-LBLB-04-110

### 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 0                           |       |                                                | RU Index 4 |       |                                                | RU Index 8 |       |                                                |                                                  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 26T   | -6.88                                | -6.37 | 0.278                                          | -6.73      | -6.47 | 0.278                                          | -6.74      | -6.62 | 0.278                                          | 4.28                                             | 0.97                             |
|               |            | 6175                   |       | -8.27                                | -8.34 | 0.278                                          | -7.90      | -7.91 | 0.278                                          | -8.15      | -8.31 | 0.278                                          | 4.28                                             | -0.34                            |
|               |            | 6415                   |       | -8.36                                | -8.78 | 0.278                                          | -8.26      | -8.67 | 0.278                                          | -8.71      | -8.82 | 0.278                                          | 4.28                                             | -0.89                            |
|               | 6          | 6435                   |       | -8.13                                | -8.13 | 0.278                                          | -7.96      | -7.96 | 0.278                                          | -8.13      | -8.18 | 0.278                                          | 0.11                                             | -4.56                            |
|               |            | 6475                   |       | -8.36                                | -8.23 | 0.278                                          | -8.11      | -8.10 | 0.278                                          | -8.29      | -8.45 | 0.278                                          | 0.11                                             | -4.71                            |
|               |            | 6515                   |       | -8.40                                | -8.45 | 0.278                                          | -8.13      | -8.40 | 0.278                                          | -8.53      | -8.57 | 0.278                                          | 0.11                                             | -4.86                            |
|               | 7          | 6535                   |       | -9.15                                | -9.25 | 0.278                                          | -9.06      | -9.10 | 0.278                                          | -9.38      | -9.43 | 0.278                                          | 2.24                                             | -3.55                            |
|               |            | 6695                   |       | -9.80                                | -9.24 | 0.278                                          | -9.54      | -8.92 | 0.278                                          | -9.75      | -9.09 | 0.278                                          | 2.24                                             | -3.69                            |
|               |            | 6855                   |       | -9.26                                | -8.71 | 0.278                                          | -9.08      | -8.64 | 0.278                                          | -9.32      | -8.76 | 0.278                                          | 2.24                                             | -3.33                            |
|               | 8          | 6875                   |       | -9.37                                | -8.93 | 0.278                                          | -9.31      | -8.75 | 0.278                                          | -9.67      | -9.02 | 0.278                                          | 2.24                                             | -3.49                            |
|               |            | 6995                   |       | -8.35                                | -8.14 | 0.278                                          | -8.23      | -7.94 | 0.278                                          | -8.40      | -8.25 | 0.278                                          | 1.26                                             | -3.53                            |
|               |            | 7115                   |       | -8.19                                | -7.75 | 0.278                                          | -8.08      | -7.61 | 0.278                                          | -8.16      | -7.75 | 0.278                                          | 1.26                                             | -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 0                           |       |                                                | RU Index 8 |       |                                                | RU Index 17 |       |                                                |                                                  |                                  |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX        | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE40 | 5          | 5965                   | 26T   | -6.97                                | -6.63 | 0.278                                          | -6.79      | -6.43 | 0.278                                          | -6.92       | -6.61 | 0.278                                          | 4.28                                             | 0.96                             |
|               |            | 6165                   |       | -7.92                                | -8.01 | 0.278                                          | -7.98      | -8.30 | 0.278                                          | -7.89       | -8.24 | 0.278                                          | 4.28                                             | -0.40                            |
|               |            | 6405                   |       | -8.41                                | -8.48 | 0.278                                          | -8.44      | -8.77 | 0.278                                          | -8.51       | -8.94 | 0.278                                          | 4.28                                             | -0.88                            |
|               | 6          | 6445                   |       | -8.13                                | -8.13 | 0.278                                          | -8.28      | -8.19 | 0.278                                          | -8.29       | -8.35 | 0.278                                          | 0.11                                             | -4.73                            |
|               |            | 6485                   |       | -8.25                                | -8.26 | 0.278                                          | -8.41      | -8.37 | 0.278                                          | -8.48       | -8.54 | 0.278                                          | 0.11                                             | -4.86                            |
|               | 7          | 6525                   |       | -8.41                                | -8.48 | 0.278                                          | -8.55      | -8.55 | 0.278                                          | -8.53       | -8.67 | 0.278                                          | 2.24                                             | -2.92                            |
|               |            | 6685                   |       | -9.75                                | -9.08 | 0.278                                          | -9.80      | -9.21 | 0.278                                          | -9.77       | -9.12 | 0.278                                          | 2.24                                             | -3.87                            |
|               |            | 6845                   |       | -9.13                                | -8.52 | 0.278                                          | -9.17      | -8.80 | 0.278                                          | -9.48       | -8.78 | 0.278                                          | 2.24                                             | -3.29                            |
|               | 8          | 6885                   |       | -9.53                                | -8.81 | 0.278                                          | -9.50      | -8.95 | 0.278                                          | -9.69       | -9.26 | 0.278                                          | 1.26                                             | -4.61                            |
|               |            | 7005                   |       | -8.36                                | -8.11 | 0.278                                          | -8.43      | -8.33 | 0.278                                          | -8.47       | -8.47 | 0.278                                          | 1.26                                             | -3.68                            |
|               |            | 7085                   |       | -7.90                                | -7.58 | 0.278                                          | -8.14      | -7.72 | 0.278                                          | -8.97       | -8.54 | 0.278                                          | 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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 0                           |       |                                                               | RU Index 18 |       |                                                               | RU Index 36 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 26T   | -7.11                                | -6.43 | 0.278                                                         | -6.32       | -5.84 | 0.278                                                         | -7.29       | -6.75 | 0.278                                                         | 4.28                                                    | 1.49                                    |
|               |            | 6145                   |       | -7.92                                | -7.73 | 0.278                                                         | -7.58       | -7.33 | 0.278                                                         | -8.31       | -8.27 | 0.278                                                         | 4.28                                                    | 0.12                                    |
|               |            | 6385                   |       | -8.41                                | -8.53 | 0.278                                                         | -7.98       | -8.02 | 0.278                                                         | -8.83       | -8.75 | 0.278                                                         | 4.28                                                    | -0.43                                   |
|               | 6          | 6465                   |       | -8.67                                | -8.18 | 0.278                                                         | -7.99       | -7.65 | 0.278                                                         | -9.00       | -8.63 | 0.278                                                         | 0.11                                                    | -4.42                                   |
|               |            | 6545                   |       | -8.72                                | -8.52 | 0.278                                                         | -8.40       | -8.12 | 0.278                                                         | -9.27       | -9.08 | 0.278                                                         | 2.24                                                    | -2.73                                   |
|               | 7          | 6625                   |       | -9.99                                | -9.17 | 0.278                                                         | -9.45       | -8.65 | 0.278                                                         | -10.27      | -9.09 | 0.278                                                         | 2.24                                                    | -3.50                                   |
|               |            | 6705                   |       | -10.05                               | -9.11 | 0.278                                                         | -9.61       | -8.50 | 0.278                                                         | -10.35      | -9.19 | 0.278                                                         | 2.24                                                    | -3.49                                   |
|               |            | 6785                   |       | -9.28                                | -8.58 | 0.278                                                         | -8.62       | -8.04 | 0.278                                                         | -9.39       | -8.70 | 0.278                                                         | 2.24                                                    | -2.79                                   |
|               | 8          | 6865                   |       | -9.60                                | -8.67 | 0.278                                                         | -9.01       | -8.32 | 0.278                                                         | -10.13      | -9.28 | 0.278                                                         | 2.24                                                    | -3.12                                   |
|               |            | 6945                   |       | -8.36                                | -7.64 | 0.278                                                         | -7.82       | -7.17 | 0.278                                                         | -8.87       | -8.11 | 0.278                                                         | 1.26                                                    | -2.93                                   |
|               |            | 7025                   |       | -8.79                                | -8.17 | 0.278                                                         | -8.50       | -7.89 | 0.278                                                         | -9.36       | -8.73 | 0.278                                                         | 1.26                                                    | -3.64                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |        |                                                               |             |        |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|--------|---------------------------------------------------------------|-------------|--------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 0                           |        |                                                               | RU Index 18 |        |                                                               | RU Index 36 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 26T   | -8.31                                | -8.69  | 0.278                                                         | -7.21       | -7.16  | 0.278                                                         | -6.91       | -6.86 | 0.278                                                         | 4.28                                                    | 0.68                                    |
|                      |            | 6185                   |       | -9.69                                | -9.40  | 0.278                                                         | -8.63       | -8.26  | 0.278                                                         | -8.34       | -7.89 | 0.278                                                         | 4.28                                                    | -0.54                                   |
|                      |            | 6345                   |       | -10.15                               | -9.53  | 0.278                                                         | -9.03       | -8.40  | 0.278                                                         | -8.66       | -7.97 | 0.278                                                         | 4.28                                                    | -0.73                                   |
|                      | 6          | 6505                   |       | -9.97                                | -9.75  | 0.278                                                         | -8.86       | -8.64  | 0.278                                                         | -8.49       | -8.28 | 0.278                                                         | 0.11                                                    | -4.99                                   |
|                      | 7          | 6665                   |       | -11.03                               | -11.18 | 0.278                                                         | -9.71       | -10.03 | 0.278                                                         | -9.39       | -9.60 | 0.278                                                         | 2.24                                                    | -3.97                                   |
|                      |            | 6825                   |       | -10.28                               | -10.49 | 0.278                                                         | -9.03       | -9.32  | 0.278                                                         | -8.67       | -9.05 | 0.278                                                         | 2.24                                                    | -3.33                                   |
|                      | 8          | 6985                   |       | -9.47                                | -9.58  | 0.278                                                         | -8.48       | -8.70  | 0.278                                                         | -8.22       | -8.16 | 0.278                                                         | 1.26                                                    | -3.64                                   |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |              |        |                                                               |              |        |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|--------------|--------|---------------------------------------------------------------|--------------|--------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index S0                          |       |                                                               | RU Index S18 |        |                                                               | RU Index S36 |        |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX          | Main   | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 26T   | -6.93                                | -6.74 | 0.278                                                         | -7.55        | -7.20  | 0.278                                                         | -9.10        | -8.78  | 0.278                                                         | 4.28                                                    | 0.73                                    |
|                      |            | 6185                   |       | -8.27                                | -7.92 | 0.278                                                         | -8.73        | -8.61  | 0.278                                                         | -10.37       | -10.18 | 0.278                                                         | 4.28                                                    | -0.52                                   |
|                      |            | 6345                   |       | -8.47                                | -8.05 | 0.278                                                         | -9.10        | -8.63  | 0.278                                                         | -10.75       | -10.39 | 0.278                                                         | 4.28                                                    | -0.69                                   |
|                      | 6          | 6505                   |       | -8.40                                | -8.39 | 0.278                                                         | -9.27        | -9.04  | 0.278                                                         | -10.90       | -10.63 | 0.278                                                         | 0.11                                                    | -5.00                                   |
|                      | 7          | 6665                   |       | -9.03                                | -9.64 | 0.278                                                         | -9.70        | -10.09 | 0.278                                                         | -10.90       | -11.42 | 0.278                                                         | 2.24                                                    | -3.80                                   |
|                      |            | 6825                   |       | -8.50                                | -9.04 | 0.278                                                         | -9.14        | -9.73  | 0.278                                                         | -10.90       | -11.31 | 0.278                                                         | 2.24                                                    | -3.23                                   |
|                      | 8          | 6985                   |       | -8.20                                | -8.27 | 0.278                                                         | -8.87        | -8.96  | 0.278                                                         | -10.40       | -10.55 | 0.278                                                         | 1.26                                                    | -3.69                                   |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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### 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 (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE20 | 5          | 5955                   | 52T   | -3.64                                | -3.09 | 0.146                                          | -3.63       | -3.15 | 0.146                                          | -3.57       | -3.32 | 0.146                                          | 4.28                                             | 4.080                            |
|               |            | 6175                   |       | -4.75                                | -5.03 | 0.146                                          | -4.87       | -4.90 | 0.146                                          | -4.83       | -4.95 | 0.146                                          | 4.28                                             | 2.551                            |
|               |            | 6415                   |       | -5.22                                | -5.45 | 0.146                                          | -5.19       | -5.60 | 0.146                                          | -5.36       | -5.70 | 0.146                                          | 4.28                                             | 2.103                            |
|               | 6          | 6435                   |       | -4.86                                | -4.92 | 0.146                                          | -4.77       | -4.86 | 0.146                                          | -5.05       | -5.00 | 0.146                                          | 0.11                                             | -1.548                           |
|               |            | 6475                   |       | -5.07                                | -5.07 | 0.146                                          | -4.99       | -5.07 | 0.146                                          | -5.09       | -5.17 | 0.146                                          | 0.11                                             | -1.764                           |
|               |            | 6515                   |       | -5.22                                | -5.31 | 0.146                                          | -5.17       | -5.17 | 0.146                                          | -5.25       | -5.42 | 0.146                                          | 0.11                                             | -1.904                           |
|               | 7          | 6535                   |       | -6.00                                | -6.10 | 0.146                                          | -6.14       | -6.11 | 0.146                                          | -6.15       | -6.29 | 0.146                                          | 2.24                                             | -0.653                           |
|               |            | 6695                   |       | -6.44                                | -5.86 | 0.146                                          | -6.31       | -5.93 | 0.146                                          | -6.56       | -5.91 | 0.146                                          | 2.24                                             | -0.720                           |
|               |            | 6855                   |       | -5.97                                | -5.64 | 0.146                                          | -6.20       | -5.51 | 0.146                                          | -6.09       | -5.64 | 0.146                                          | 2.24                                             | -0.406                           |
|               | 8          | 6875                   |       | -6.24                                | -5.71 | 0.146                                          | -6.13       | -5.70 | 0.146                                          | -6.35       | -5.75 | 0.146                                          | 2.24                                             | -0.513                           |
|               |            | 6995                   |       | -5.30                                | -5.04 | 0.146                                          | -5.22       | -4.83 | 0.146                                          | -5.32       | -5.14 | 0.146                                          | 1.26                                             | -0.604                           |
|               |            | 7115                   |       | -4.99                                | -4.66 | 0.146                                          | -4.93       | -4.71 | 0.146                                          | -8.83       | -8.41 | 0.146                                          | 1.26                                             | -0.402                           |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                               | RU Index 40 |       |                                                               | RU Index 44 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 52T   | -3.83                                | -3.29 | 0.146                                                         | -3.76       | -3.45 | 0.146                                                         | -3.79       | -3.52 | 0.146                                                         | 4.28                                                    | 3.88                                    |
|               |            | 6165                   |       | -4.69                                | -4.91 | 0.146                                                         | -4.74       | -5.00 | 0.146                                                         | -5.00       | -5.06 | 0.146                                                         | 4.28                                                    | 2.64                                    |
|               |            | 6405                   |       | -5.11                                | -5.62 | 0.146                                                         | -5.35       | -5.55 | 0.146                                                         | -5.39       | -5.78 | 0.146                                                         | 4.28                                                    | 2.08                                    |
|               | 6          | 6445                   |       | -4.98                                | -4.97 | 0.146                                                         | -4.96       | -4.89 | 0.146                                                         | -5.12       | -5.22 | 0.146                                                         | 0.11                                                    | -1.66                                   |
|               |            | 6485                   |       | -5.20                                | -5.28 | 0.146                                                         | -4.92       | -5.06 | 0.146                                                         | -5.11       | -5.30 | 0.146                                                         | 0.11                                                    | -1.72                                   |
|               | 7          | 6525                   |       | -5.30                                | -5.26 | 0.146                                                         | -5.21       | -5.34 | 0.146                                                         | -5.27       | -5.38 | 0.146                                                         | 2.24                                                    | 0.12                                    |
|               |            | 6685                   |       | -6.38                                | -6.03 | 0.146                                                         | -6.34       | -5.87 | 0.146                                                         | -6.63       | -5.95 | 0.146                                                         | 2.24                                                    | -0.70                                   |
|               |            | 6845                   |       | -6.13                                | -5.50 | 0.146                                                         | -6.13       | -5.48 | 0.146                                                         | -6.29       | -5.72 | 0.146                                                         | 2.24                                                    | -0.40                                   |
|               | 8          | 6885                   |       | -6.21                                | -5.69 | 0.146                                                         | -6.38       | -5.69 | 0.146                                                         | -6.52       | -6.09 | 0.146                                                         | 1.26                                                    | -1.61                                   |
|               |            | 7005                   |       | -5.32                                | -4.89 | 0.146                                                         | -5.24       | -4.99 | 0.146                                                         | -5.57       | -5.22 | 0.146                                                         | 1.26                                                    | -0.70                                   |
|               |            | 7085                   |       | -4.87                                | -4.53 | 0.146                                                         | -4.75       | -4.42 | 0.146                                                         | -5.07       | -4.66 | 0.146                                                         | 1.26                                                    | -0.17                                   |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 37                          |       |                                                               | RU Index 44 |       |                                                               | RU Index 52 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 52T   | -3.75                                | -3.88 | 0.146                                                         | -3.28       | -3.39 | 0.146                                                         | -3.78       | -3.92 | 0.146                                                         | 4.28                                                    | 4.10                                    |
|               |            | 6145                   |       | -4.84                                | -4.65 | 0.146                                                         | -4.58       | -4.57 | 0.146                                                         | -5.44       | -5.26 | 0.146                                                         | 4.28                                                    | 2.86                                    |
|               |            | 6385                   |       | -5.61                                | -5.37 | 0.146                                                         | -5.32       | -5.00 | 0.146                                                         | -6.04       | -5.93 | 0.146                                                         | 4.28                                                    | 2.28                                    |
|               | 6          | 6465                   |       | -5.40                                | -5.49 | 0.146                                                         | -5.02       | -5.23 | 0.146                                                         | -5.65       | -5.84 | 0.146                                                         | 0.11                                                    | -1.86                                   |
|               |            | 6545                   |       | -5.59                                | -5.76 | 0.146                                                         | -5.42       | -5.48 | 0.146                                                         | -6.08       | -6.23 | 0.146                                                         | 2.24                                                    | -0.05                                   |
|               | 7          | 6625                   |       | -6.43                                | -6.91 | 0.146                                                         | -6.01       | -6.66 | 0.146                                                         | -6.37       | -7.13 | 0.146                                                         | 2.24                                                    | -0.93                                   |
|               |            | 6705                   |       | -6.39                                | -7.19 | 0.146                                                         | -5.83       | -6.89 | 0.146                                                         | -6.40       | -7.42 | 0.146                                                         | 2.24                                                    | -0.93                                   |
|               |            | 6785                   |       | -5.72                                | -6.40 | 0.146                                                         | -5.40       | -6.06 | 0.146                                                         | -5.90       | -6.71 | 0.146                                                         | 2.24                                                    | -0.32                                   |
|               | 8          | 6865                   |       | -5.91                                | -6.71 | 0.146                                                         | -5.58       | -6.58 | 0.146                                                         | -6.41       | -7.23 | 0.146                                                         | 2.24                                                    | -0.65                                   |
|               |            | 6945                   |       | -5.19                                | -5.53 | 0.146                                                         | -4.50       | -5.16 | 0.146                                                         | -5.30       | -5.83 | 0.146                                                         | 1.26                                                    | -0.40                                   |
|               |            | 7025                   |       | -5.42                                | -5.97 | 0.146                                                         | -5.33       | -5.67 | 0.146                                                         | -5.99       | -6.33 | 0.146                                                         | 1.26                                                    | -1.08                                   |

| 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 (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 52T   | -4.94                                | -5.30 | 0.146                                                  | -4.24       | -4.04 | 0.146                                                  | -3.73       | -3.55 | 0.146                                                  | 4.28                                             | 3.80                             |
|                      |            | 6185                   |       | -6.46                                | -6.05 | 0.146                                                  | -5.42       | -5.23 | 0.146                                                  | -4.90       | -4.85 | 0.146                                                  | 4.28                                             | 2.56                             |
|                      |            | 6345                   |       | -7.00                                | -6.51 | 0.146                                                  | -5.99       | -5.21 | 0.146                                                  | -5.20       | -4.95 | 0.146                                                  | 4.28                                             | 2.36                             |
|                      | 6          | 6505                   |       | -6.90                                | -6.70 | 0.146                                                  | -5.70       | -5.63 | 0.146                                                  | -5.45       | -5.18 | 0.146                                                  | 0.11                                             | -2.05                            |
|                      |            | 7                      |       | 6665                                 | -7.79 | -8.13                                                  | 0.146       | -6.61 | -7.08                                                  | 0.146       | -6.14 | -6.39                                                  | 0.146                                            | 2.24                             |
|                      | 6825       |                        |       | -7.33                                | -7.49 | 0.146                                                  | -6.03       | -6.52 | 0.146                                                  | -5.55       | -6.02 | 0.146                                                  | 2.24                                             | -0.38                            |
|                      | 8          | 6985                   |       | -6.26                                | -6.64 | 0.146                                                  | -5.38       | -5.62 | 0.146                                                  | -5.04       | -5.32 | 0.146                                                  | 1.26                                             | -0.76                            |

| 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 (dB)<br>10log(1/X)<br>Note 3 | AUX          | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX          | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 52T   | -3.63                                | -3.56 | 0.146                                          | -4.52        | -4.01 | 0.146                                          | -6.06        | -5.76 | 0.146                                          | 4.28                                             | 3.84                             |
|                      |            | 6185                   |       | -5.19                                | -4.77 | 0.146                                          | -5.59        | -5.51 | 0.146                                          | -7.13        | -7.02 | 0.146                                          | 4.28                                             | 2.46                             |
|                      |            | 6345                   |       | -5.29                                | -5.03 | 0.146                                          | -5.80        | -5.61 | 0.146                                          | -7.78        | -7.15 | 0.146                                          | 4.28                                             | 2.28                             |
|                      | 6          | 6505                   |       | -5.22                                | -5.21 | 0.146                                          | -6.12        | -5.87 | 0.146                                          | -7.73        | -7.48 | 0.146                                          | 0.11                                             | -1.95                            |
|                      | 7          | 6665                   |       | -6.17                                | -6.55 | 0.146                                          | -6.49        | -7.11 | 0.146                                          | -7.84        | -8.52 | 0.146                                          | 2.24                                             | -0.96                            |
|                      |            | 6825                   |       | -5.48                                | -6.21 | 0.146                                          | -6.11        | -6.70 | 0.146                                          | -7.95        | -8.35 | 0.146                                          | 2.24                                             | -0.43                            |
|                      | 8          | 6985                   |       | -4.95                                | -5.33 | 0.146                                          | -5.82        | -5.86 | 0.146                                          | -7.51        | -7.53 | 0.146                                          | 1.26                                             | -0.72                            |

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

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

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6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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### Tones: 106T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                                |             |       |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------------|-------------|-------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                                | RU Index 54 |       |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | -0.61                                | -0.35 | N/A                                                            | -0.66       | -0.22 | N/A                                                            | 4.28                                                    | 6.86                                    |
|               |            | 6175                   |       | -1.65                                | -1.71 | N/A                                                            | -1.88       | -1.97 | N/A                                                            | 4.28                                                    | 5.61                                    |
|               |            | 6415                   |       | -2.16                                | -2.32 | N/A                                                            | -2.16       | -2.54 | N/A                                                            | 4.28                                                    | 5.05                                    |
|               | 6          | 6435                   |       | -1.85                                | -1.79 | N/A                                                            | -1.85       | -1.77 | N/A                                                            | 0.11                                                    | 1.31                                    |
|               |            | 6475                   |       | -1.83                                | -1.96 | N/A                                                            | -2.13       | -2.01 | N/A                                                            | 0.11                                                    | 1.23                                    |
|               |            | 6515                   |       | -2.03                                | -2.05 | N/A                                                            | -2.05       | -2.05 | N/A                                                            | 0.11                                                    | 1.08                                    |
|               | 7          | 6535                   |       | -2.87                                | -3.13 | N/A                                                            | -3.05       | -3.17 | N/A                                                            | 2.24                                                    | 2.25                                    |
|               |            | 6695                   |       | -3.52                                | -3.01 | N/A                                                            | -3.39       | -2.95 | N/A                                                            | 2.24                                                    | 2.09                                    |
|               |            | 6855                   |       | -3.09                                | -2.54 | N/A                                                            | -3.18       | -2.51 | N/A                                                            | 2.24                                                    | 2.44                                    |
|               | 8          | 6875                   |       | -3.08                                | -2.58 | N/A                                                            | -3.18       | -2.76 | N/A                                                            | 2.24                                                    | 2.43                                    |
|               |            | 6995                   |       | -1.99                                | -1.77 | N/A                                                            | -2.03       | -1.86 | N/A                                                            | 1.26                                                    | 2.39                                    |
|               |            | 7115                   |       | -2.01                                | -1.60 | N/A                                                            | -8.84       | -8.27 | N/A                                                            | 1.26                                                    | 2.47                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                                  |             |       |                                                                  |             |       |                                                                  | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|------------------------------------------------------------------|-------------|-------|------------------------------------------------------------------|-------------|-------|------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 53                          |       |                                                                  | RU Index 54 |       |                                                                  | RU Index 56 |       |                                                                  |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>$10\log(1/X)$<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>$10\log(1/X)$<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>$10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 106T  | -0.66                                | -0.36 | N/A                                                              | -0.74       | -0.37 | N/A                                                              | -0.55       | -0.55 | N/A                                                              | 4.28                                                    | 6.78                                    |
|               |            | 6165                   |       | -1.62                                | -1.97 | N/A                                                              | -1.64       | -2.00 | N/A                                                              | -1.85       | -1.95 | N/A                                                              | 4.28                                                    | 5.50                                    |
|               |            | 6405                   |       | -2.14                                | -2.46 | N/A                                                              | -2.11       | -2.55 | N/A                                                              | -2.38       | -2.65 | N/A                                                              | 4.28                                                    | 4.99                                    |
|               | 6          | 6445                   |       | -1.99                                | -1.92 | N/A                                                              | -1.81       | -1.91 | N/A                                                              | -2.02       | -2.07 | N/A                                                              | 0.11                                                    | 1.26                                    |
|               |            | 6485                   |       | -2.06                                | -2.11 | N/A                                                              | -2.03       | -2.18 | N/A                                                              | -2.32       | -2.18 | N/A                                                              | 0.11                                                    | 1.04                                    |
|               | 7          | 6525                   |       | -2.22                                | -2.34 | N/A                                                              | -2.27       | -2.28 | N/A                                                              | -2.25       | -2.49 | N/A                                                              | 2.24                                                    | 2.98                                    |
|               |            | 6685                   |       | -3.48                                | -2.98 | N/A                                                              | -3.48       | -2.91 | N/A                                                              | -3.48       | -3.03 | N/A                                                              | 2.24                                                    | 2.06                                    |
|               |            | 6845                   |       | -3.01                                | -2.50 | N/A                                                              | -3.20       | -2.55 | N/A                                                              | -3.30       | -2.70 | N/A                                                              | 2.24                                                    | 2.50                                    |
|               | 8          | 6885                   |       | -3.24                                | -2.69 | N/A                                                              | -3.37       | -2.84 | N/A                                                              | -3.52       | -2.95 | N/A                                                              | 1.26                                                    | 1.31                                    |
|               |            | 7005                   |       | -2.28                                | -2.03 | N/A                                                              | -2.25       | -1.95 | N/A                                                              | -2.42       | -2.09 | N/A                                                              | 1.26                                                    | 2.17                                    |
|               |            | 7085                   |       | -1.97                                | -1.53 | N/A                                                              | -1.87       | -1.55 | N/A                                                              | -2.07       | -1.66 | N/A                                                              | 1.26                                                    | 2.56                                    |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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| 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 (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br>Note 3 |                                                  |                                  |
| 802.11ax-HE80 | 5          | 5985                   | 106T  | -0.78                                | -0.83 | N/A                                            | -0.23       | -0.38 | N/A                                            | -1.23       | -0.81 | N/A                                            | 4.28                                             | 6.99                             |
|               |            | 6145                   |       | -1.97                                | -1.88 | N/A                                            | -1.80       | -1.56 | N/A                                            | -2.45       | -2.10 | N/A                                            | 4.28                                             | 5.61                             |
|               |            | 6385                   |       | -2.75                                | -2.42 | N/A                                            | -2.57       | -2.14 | N/A                                            | -3.10       | -2.81 | N/A                                            | 4.28                                             | 4.94                             |
|               | 6          | 6465                   |       | -2.18                                | -2.62 | N/A                                            | -1.97       | -2.36 | N/A                                            | -2.57       | -2.89 | N/A                                            | 0.11                                             | 0.96                             |
|               |            | 6545                   |       | -2.62                                | -2.85 | N/A                                            | -2.54       | -2.66 | N/A                                            | -3.06       | -3.40 | N/A                                            | 2.24                                             | 2.65                             |
|               | 7          | 6625                   |       | -3.39                                | -4.11 | N/A                                            | -2.94       | -3.68 | N/A                                            | -3.47       | -4.15 | N/A                                            | 2.24                                             | 1.96                             |
|               |            | 6705                   |       | -3.18                                | -4.26 | N/A                                            | -2.92       | -3.91 | N/A                                            | -3.32       | -4.41 | N/A                                            | 2.24                                             | 1.86                             |
|               |            | 6785                   |       | -2.29                                | -3.00 | N/A                                            | -2.02       | -2.87 | N/A                                            | -2.64       | -3.49 | N/A                                            | 2.24                                             | 2.83                             |
|               | 8          | 6865                   |       | -2.70                                | -3.42 | N/A                                            | -2.47       | -3.34 | N/A                                            | -3.19       | -4.02 | N/A                                            | 2.24                                             | 2.37                             |
|               |            | 6945                   |       | -1.68                                | -2.26 | N/A                                            | -1.43       | -1.98 | N/A                                            | -2.29       | -2.57 | N/A                                            | 1.26                                             | 2.57                             |
|               |            | 7025                   |       | -2.22                                | -2.67 | N/A                                            | -2.11       | -2.54 | N/A                                            | -2.80       | -3.11 | N/A                                            | 1.26                                             | 1.95                             |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 53                          |       |                                                               | RU Index 56 |       |                                                               | RU Index 60 |       |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 106T  | -1.88                                | -2.06 | N/A                                                           | -1.13       | -1.10 | N/A                                                           | -0.75       | -0.54 | N/A                                                           | 4.28                                                    | 6.65                                    |
|                      |            | 6185                   |       | -3.39                                | -3.08 | N/A                                                           | -2.30       | -2.16 | N/A                                                           | -2.09       | -1.69 | N/A                                                           | 4.28                                                    | 5.40                                    |
|                      |            | 6345                   |       | -4.09                                | -3.41 | N/A                                                           | -3.02       | -2.30 | N/A                                                           | -2.42       | -1.79 | N/A                                                           | 4.28                                                    | 5.20                                    |
|                      | 6          | 6505                   |       | -3.45                                | -3.46 | N/A                                                           | -2.53       | -2.53 | N/A                                                           | -2.21       | -2.05 | N/A                                                           | 0.11                                                    | 0.99                                    |
|                      | 7          | 6665                   |       | -4.74                                | -4.89 | N/A                                                           | -3.71       | -3.89 | N/A                                                           | -3.14       | -3.34 | N/A                                                           | 2.24                                                    | 2.01                                    |
|                      |            | 6825                   |       | -4.15                                | -4.02 | N/A                                                           | -3.29       | -3.14 | N/A                                                           | -2.81       | -2.63 | N/A                                                           | 2.24                                                    | 2.53                                    |
|                      | 8          | 6985                   |       | -3.19                                | -3.15 | N/A                                                           | -2.36       | -2.30 | N/A                                                           | -1.92       | -2.00 | N/A                                                           | 1.26                                                    | 2.31                                    |

| 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  | -0.64                                | -0.42 | N/A                                            | -1.39        | -0.93 | N/A                                            | -2.90        | -2.65 | N/A                                            | 4.28                                             | 6.76                             |
|                      |            | 6185                   |       | -1.95                                | -1.86 | N/A                                            | -2.59        | -2.34 | N/A                                            | -3.93        | -3.73 | N/A                                            | 4.28                                             | 5.39                             |
|                      |            | 6345                   |       | -2.17                                | -1.94 | N/A                                            | -2.71        | -2.37 | N/A                                            | -4.36        | -3.94 | N/A                                            | 4.28                                             | 5.24                             |
|                      | 6          | 6505                   |       | -2.27                                | -2.10 | N/A                                            | -2.84        | -2.73 | N/A                                            | -4.32        | -4.29 | N/A                                            | 0.11                                             | 0.94                             |
|                      | 7          | 6665                   |       | -3.36                                | -3.42 | N/A                                            | -3.94        | -3.90 | N/A                                            | -5.27        | -5.18 | N/A                                            | 2.24                                             | 1.86                             |
|                      |            | 6825                   |       | -2.86                                | -2.79 | N/A                                            | -3.35        | -3.44 | N/A                                            | -4.83        | -4.94 | N/A                                            | 2.24                                             | 2.43                             |
|                      | 8          | 6985                   |       | -2.14                                | -1.91 | N/A                                            | -2.71        | -2.48 | N/A                                            | -4.11        | -3.99 | N/A                                            | 1.26                                             | 2.25                             |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

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### Tones: 242T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.12                                 | 1.65  | 0.15                                                           | 4.28                                                    | 8.83                                    |
|               |            | 6175                   |       | 1.39                                 | 1.73  | 0.15                                                           | 4.28                                                    | 9.00                                    |
|               |            | 6415                   |       | 0.93                                 | 1.66  | 0.15                                                           | 4.28                                                    | 8.75                                    |
|               | 6          | 6435                   |       | 0.91                                 | 1.54  | 0.15                                                           | 0.11                                                    | 4.51                                    |
|               |            | 6475                   |       | 1.08                                 | 1.54  | 0.15                                                           | 0.11                                                    | 4.59                                    |
|               |            | 6515                   |       | 1.28                                 | 1.53  | 0.15                                                           | 0.11                                                    | 4.68                                    |
|               | 7          | 6535                   |       | 1.09                                 | 1.33  | 0.15                                                           | 2.24                                                    | 6.61                                    |
|               |            | 6695                   |       | 1.16                                 | 1.56  | 0.15                                                           | 2.24                                                    | 6.76                                    |
|               |            | 6855                   |       | 1.12                                 | 1.43  | 0.15                                                           | 2.24                                                    | 6.68                                    |
|               | 8          | 6875                   |       | 0.68                                 | 0.82  | 0.15                                                           | 2.24                                                    | 6.15                                    |
|               |            | 6995                   |       | 0.57                                 | 0.70  | 0.15                                                           | 1.26                                                    | 5.06                                    |
|               |            | 7115                   |       | -3.32                                | -2.81 | 0.15                                                           | 1.26                                                    | 1.36                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|-------|---------------------------------------------------------------|-------------|-------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |       |                                                               | RU Index 62 |       |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 242T  | 1.08                                 | 0.57  | 0.15                                                          | 1.05        | 0.48  | 0.15                                                          | 4.28                                                    | 8.27                                    |
|               |            | 6165                   |       | 0.79                                 | 0.76  | 0.15                                                          | 0.81        | 0.44  | 0.15                                                          | 4.28                                                    | 8.22                                    |
|               |            | 6405                   |       | 0.93                                 | 0.65  | 0.15                                                          | 0.74        | 0.79  | 0.15                                                          | 4.28                                                    | 8.23                                    |
|               | 6          | 6445                   |       | 0.67                                 | 0.78  | 0.15                                                          | 0.87        | 0.75  | 0.15                                                          | 0.11                                                    | 4.08                                    |
|               |            | 6485                   |       | 0.88                                 | 0.68  | 0.15                                                          | 0.58        | 1.14  | 0.15                                                          | 0.11                                                    | 4.14                                    |
|               | 7          | 6525                   |       | 0.96                                 | 0.60  | 0.15                                                          | 1.71        | 1.20  | 0.15                                                          | 2.24                                                    | 6.86                                    |
|               |            | 6685                   |       | 0.66                                 | -0.15 | 0.15                                                          | 0.90        | -0.14 | 0.15                                                          | 2.24                                                    | 5.81                                    |
|               |            | 6845                   |       | 0.68                                 | -0.28 | 0.15                                                          | 0.86        | -0.03 | 0.15                                                          | 2.24                                                    | 5.84                                    |
|               | 8          | 6885                   |       | 0.43                                 | -0.43 | 0.15                                                          | 0.31        | -0.36 | 0.15                                                          | 1.26                                                    | 4.44                                    |
|               |            | 7005                   |       | 0.32                                 | -0.69 | 0.15                                                          | 0.35        | -0.45 | 0.15                                                          | 1.26                                                    | 4.39                                    |
|               |            | 7085                   |       | 0.47                                 | -0.14 | 0.15                                                          | 0.69        | 0.22  | 0.15                                                          | 1.26                                                    | 4.88                                    |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                               |             |      |                                                               |             |      |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 61                          |      |                                                               | RU Index 62 |      |                                                               | RU Index 64 |      |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 242T  | 1.57                                 | 1.90 | 0.15                                                          | 1.51        | 2.20 | 0.15                                                          | 1.55        | 1.71 | 0.15                                                          | 4.28                                                    | 9.31                                    |
|               |            | 6145                   |       | 1.71                                 | 1.94 | 0.15                                                          | 1.48        | 1.77 | 0.15                                                          | 1.37        | 1.59 | 0.15                                                          | 4.28                                                    | 9.27                                    |
|               |            | 6385                   |       | 1.28                                 | 1.43 | 0.15                                                          | 1.59        | 1.62 | 0.15                                                          | 1.38        | 1.69 | 0.15                                                          | 4.28                                                    | 9.05                                    |
|               | 6          | 6465                   |       | 1.38                                 | 1.32 | 0.15                                                          | 2.42        | 2.45 | 0.15                                                          | 1.44        | 1.4  | 0.15                                                          | 0.11                                                    | 5.71                                    |
|               |            | 6545                   |       | 0.80                                 | 1.72 | 0.15                                                          | 1.89        | 2.60 | 0.15                                                          | 1.68        | 2.13 | 0.15                                                          | 2.24                                                    | 7.66                                    |
|               | 7          | 6625                   |       | 0.43                                 | 1.50 | 0.15                                                          | 0.78        | 1.62 | 0.15                                                          | 0.44        | 1.42 | 0.15                                                          | 2.24                                                    | 6.62                                    |
|               |            | 6705                   |       | 0.71                                 | 1.36 | 0.15                                                          | 0.69        | 1.62 | 0.15                                                          | 0.46        | 1.39 | 0.15                                                          | 2.24                                                    | 6.58                                    |
|               |            | 6785                   |       | 0.57                                 | 1.35 | 0.15                                                          | 0.55        | 1.34 | 0.15                                                          | 0.54        | 1.36 | 0.15                                                          | 2.24                                                    | 6.38                                    |
|               | 8          | 6865                   |       | 0.43                                 | 1.07 | 0.15                                                          | 0.72        | 1.58 | 0.15                                                          | 0.15        | 0.53 | 0.15                                                          | 2.24                                                    | 6.57                                    |
|               |            | 6945                   |       | 0.10                                 | 0.59 | 0.15                                                          | 1.02        | 1.60 | 0.15                                                          | -0.02       | 0.61 | 0.15                                                          | 1.26                                                    | 5.74                                    |
|               |            | 7025                   |       | -0.23                                | 0.66 | 0.15                                                          | 0.82        | 1.71 | 0.15                                                          | -0.37       | 0.97 | 0.15                                                          | 1.26                                                    | 5.71                                    |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                               |             |      |                                                               |             |      |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|-------------|------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                      |            |                        |       | RU Index 61                          |      |                                                               | RU Index 62 |      |                                                               | RU Index 64 |      |                                                               |                                                         |                                         |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 242T  | 1.00                                 | 1.96 | 0.15                                                          | 1.50        | 2.11 | 0.15                                                          | 0.88        | 1.80 | 0.15                                                          | 4.28                                                    | 9.26                                    |
|                      |            | 6185                   |       | 1.05                                 | 1.61 | 0.15                                                          | 1.39        | 2.01 | 0.15                                                          | 0.87        | 1.63 | 0.15                                                          | 4.28                                                    | 9.15                                    |
|                      |            | 6345                   |       | 1.06                                 | 1.47 | 0.15                                                          | 1.36        | 1.82 | 0.15                                                          | 0.92        | 1.51 | 0.15                                                          | 4.28                                                    | 9.04                                    |
|                      | 6          | 6505                   |       | 1.19                                 | 1.45 | 0.15                                                          | 2.13        | 2.56 | 0.15                                                          | 1.08        | 1.41 | 0.15                                                          | 0.11                                                    | 5.62                                    |
|                      | 7          | 6665                   |       | -0.32                                | 0.93 | 0.15                                                          | 0.16        | 1.44 | 0.15                                                          | -0.19       | 1.38 | 0.15                                                          | 2.24                                                    | 6.25                                    |
|                      |            | 6825                   |       | -0.43                                | 1.10 | 0.15                                                          | -0.03       | 1.26 | 0.15                                                          | -0.56       | 0.82 | 0.15                                                          | 2.24                                                    | 6.06                                    |
|                      | 8          | 6985                   |       | -0.94                                | 0.23 | 0.15                                                          | 0.32        | 1.53 | 0.15                                                          | -0.95       | 0.43 | 0.15                                                          | 1.26                                                    | 5.39                                    |

| 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 S61                         |      |                                                           | RU Index S62 |      |                                                           | RU Index S64 |      |                                                           |                                                  |                                  |
|                      |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 242T  | 0.71                                 | 2.01 | 0.15                                                      | 0.66         | 1.57 | 0.15                                                      | 0.84         | 1.72 | 0.15                                                      | 4.28                                             | 8.85                             |
|                      |            | 6185                   |       | 0.81                                 | 1.50 | 0.15                                                      | 0.68         | 1.66 | 0.15                                                      | 1.05         | 1.73 | 0.15                                                      | 4.28                                             | 8.84                             |
|                      |            | 6345                   |       | 0.86                                 | 1.38 | 0.15                                                      | 0.72         | 1.58 | 0.15                                                      | 1.02         | 1.61 | 0.15                                                      | 4.28                                             | 8.77                             |
|                      | 6          | 6505                   |       | 0.98                                 | 1.71 | 0.15                                                      | 1.65         | 2.30 | 0.15                                                      | 1.42         | 2.07 | 0.15                                                      | 0.11                                             | 5.26                             |
|                      | 7          | 6665                   |       | -0.59                                | 1.07 | 0.15                                                      | -0.74        | 0.97 | 0.15                                                      | -0.82        | 1.17 | 0.15                                                      | 2.24                                             | 5.72                             |
|                      |            | 6825                   |       | -0.76                                | 0.96 | 0.15                                                      | -0.04        | 1.04 | 0.15                                                      | -0.55        | 0.55 | 0.15                                                      | 2.24                                             | 5.93                             |
|                      | 8          | 6985                   |       | -1.03                                | 0.37 | 0.15                                                      | -0.18        | 1.16 | 0.15                                                      | -0.85        | 0.55 | 0.15                                                      | 1.26                                             | 4.96                             |

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 &gt; 98%.

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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

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### Tones: 484T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE40 | 5          | 5965                   | 484T  | 4.60                                 | 4.83 | N/A                                                            | 4.28                                                    | 12.01                                   |
|               |            | 6165                   |       | 4.24                                 | 4.70 | N/A                                                            | 4.28                                                    | 11.77                                   |
|               |            | 6405                   |       | 4.25                                 | 4.57 | N/A                                                            | 4.28                                                    | 11.70                                   |
|               | 6          | 6445                   |       | 4.72                                 | 5.35 | N/A                                                            | 0.11                                                    | 8.17                                    |
|               |            | 6485                   |       | 4.98                                 | 5.35 | N/A                                                            | 0.11                                                    | 8.29                                    |
|               | 7          | 6525                   |       | 5.07                                 | 5.13 | N/A                                                            | 2.24                                                    | 10.35                                   |
|               |            | 6685                   |       | 4.24                                 | 4.58 | N/A                                                            | 2.24                                                    | 9.66                                    |
|               |            | 6845                   |       | 4.27                                 | 4.48 | N/A                                                            | 2.24                                                    | 9.63                                    |
|               | 8          | 6885                   |       | 4.24                                 | 4.67 | N/A                                                            | 1.26                                                    | 8.73                                    |
|               |            | 7005                   |       | 4.21                                 | 4.28 | N/A                                                            | 1.26                                                    | 8.52                                    |
|               |            | 7085                   |       | 4.39                                 | 4.72 | N/A                                                            | 1.26                                                    | 8.83                                    |

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                |             |      |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|-------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 65                          |      |                                                                | RU Index 66 |      |                                                                |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> | AUX         | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 484T  | 4.44                                 | 4.73 | N/A                                                            | 4.47        | 4.67 | N/A                                                            | 4.28                                                    | 11.88                                   |
|               |            | 6145                   |       | 4.52                                 | 4.49 | N/A                                                            | 4.52        | 4.63 | N/A                                                            | 4.28                                                    | 11.87                                   |
|               |            | 6385                   |       | 4.04                                 | 4.31 | N/A                                                            | 4.59        | 4.43 | N/A                                                            | 4.28                                                    | 11.80                                   |
|               | 6          | 6465                   |       | 5.11                                 | 4.84 | N/A                                                            | 4.95        | 5.17 | N/A                                                            | 0.11                                                    | 8.18                                    |
|               |            | 6545                   |       | 4.61                                 | 5.24 | N/A                                                            | 4.70        | 4.88 | N/A                                                            | 2.24                                                    | 10.19                                   |
|               | 7          | 6625                   |       | 3.95                                 | 4.18 | N/A                                                            | 3.85        | 4.22 | N/A                                                            | 2.24                                                    | 9.32                                    |
|               |            | 6705                   |       | 4.05                                 | 4.14 | N/A                                                            | 3.83        | 4.34 | N/A                                                            | 2.24                                                    | 9.35                                    |
|               |            | 6785                   |       | 3.80                                 | 4.22 | N/A                                                            | 3.77        | 4.37 | N/A                                                            | 2.24                                                    | 9.33                                    |
|               | 8          | 6865                   |       | 3.83                                 | 4.39 | N/A                                                            | 4.05        | 4.25 | N/A                                                            | 2.24                                                    | 9.40                                    |
|               |            | 6945                   |       | 4.15                                 | 4.20 | N/A                                                            | 3.94        | 4.25 | N/A                                                            | 1.26                                                    | 8.45                                    |
|               |            | 7025                   |       | 3.88                                 | 4.27 | N/A                                                            | 4.15        | 4.34 | N/A                                                            | 1.26                                                    | 8.52                                    |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28\text{dBi}$

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24\text{dBi}$

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26\text{dBi}$

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

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| 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 (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX         | Main | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80L) | 5          | 6025                   | 484T  | 4.10                                 | 4.56 | N/A                                                    | 3.85        | 4.45 | N/A                                                    | 4.28                                             | 11.63                            |
|                      |            | 6185                   |       | 4.13                                 | 4.43 | N/A                                                    | 4.19        | 4.26 | N/A                                                    | 4.28                                             | 11.57                            |
|                      |            | 6345                   |       | 4.11                                 | 4.33 | N/A                                                    | 4.17        | 4.29 | N/A                                                    | 4.28                                             | 11.52                            |
|                      | 6          | 6505                   |       | 4.92                                 | 4.7  | N/A                                                    | 4.75        | 5.08 | N/A                                                    | 0.11                                             | 8.04                             |
|                      | 7          | 6665                   |       | 3.56                                 | 4.00 | N/A                                                    | 3.26        | 3.91 | N/A                                                    | 2.24                                             | 9.04                             |
|                      |            | 6825                   |       | 3.43                                 | 3.99 | N/A                                                    | 3.39        | 4.20 | N/A                                                    | 2.24                                             | 9.06                             |
|                      | 8          | 6985                   |       | 3.80                                 | 4.01 | N/A                                                    | 3.54        | 4.39 | N/A                                                    | 1.26                                             | 8.26                             |

| 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 (dB)<br>10log(1/X) <sup>Note 3</sup> | AUX          | Main | Duty Cycle Factor (dB)<br>10log(1/X) <sup>Note 3</sup> |                                                  |                                  |
| 802.11ax-HE160 (80H) | 5          | 6025                   | 484T  | 3.84                                 | 4.44 | N/A                                                    | 3.88         | 4.46 | N/A                                                    | 4.28                                             | 11.47                            |
|                      |            | 6185                   |       | 3.80                                 | 4.32 | N/A                                                    | 4.05         | 4.34 | N/A                                                    | 4.28                                             | 11.49                            |
|                      |            | 6345                   |       | 3.68                                 | 4.15 | N/A                                                    | 4.06         | 4.35 | N/A                                                    | 4.28                                             | 11.50                            |
|                      | 6          | 6505                   |       | 4.54                                 | 5.04 | N/A                                                    | 4.63         | 5.05 | N/A                                                    | 0.11                                             | 7.97                             |
|                      | 7          | 6665                   |       | 3.57                                 | 4.16 | N/A                                                    | 3.44         | 4.14 | N/A                                                    | 2.24                                             | 9.13                             |
|                      |            | 6825                   |       | 3.54                                 | 4.13 | N/A                                                    | 3.54         | 4.18 | N/A                                                    | 2.24                                             | 9.12                             |
|                      | 8          | 6985                   |       | 3.60                                 | 4.07 | N/A                                                    | 3.57         | 4.27 | N/A                                                    | 1.26                                             | 8.20                             |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2] = 4.28$  dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2] = 2.24$  dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2] = 1.26$  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).

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

### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                              | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                                              |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)</small><br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 5.93                                 | 6.29 | 0.159                                                                        | 4.28                                                    | 13.56                                   |
|               |            | 6145                   |       | 5.96                                 | 5.95 | 0.159                                                                        | 4.28                                                    | 13.40                                   |
|               |            | 6385                   |       | 5.99                                 | 6.45 | 0.159                                                                        | 4.28                                                    | 13.68                                   |
|               | 6          | 6465                   |       | 6.92                                 | 6.08 | 0.159                                                                        | 0.11                                                    | 9.80                                    |
|               |            | 6545                   |       | 6.91                                 | 6.04 | 0.159                                                                        | 2.24                                                    | 11.91                                   |
|               | 7          | 6625                   |       | 6.18                                 | 5.09 | 0.159                                                                        | 2.24                                                    | 11.08                                   |
|               |            | 6705                   |       | 5.87                                 | 5.08 | 0.159                                                                        | 2.24                                                    | 10.90                                   |
|               |            | 6785                   |       | 5.85                                 | 5.00 | 0.159                                                                        | 2.24                                                    | 10.86                                   |
|               | 8          | 6865                   |       | 5.78                                 | 5.20 | 0.159                                                                        | 2.24                                                    | 10.91                                   |
|               |            | 6945                   |       | 6.00                                 | 5.35 | 0.159                                                                        | 1.26                                                    | 10.12                                   |
|               |            | 7025                   |       | 6.23                                 | 5.50 | 0.159                                                                        | 1.26                                                    | 10.31                                   |

| Mode           | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                                |              |      |                                                                | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|----------------|------------|------------------------|-------|--------------------------------------|------|----------------------------------------------------------------|--------------|------|----------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|                |            |                        |       | RU Index 67                          |      |                                                                | RU Index S67 |      |                                                                |                                                         |                                         |
|                |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> | AUX          | Main | Duty Cycle Factor (dB)<br><small>10log(1/X)<br/>Note 3</small> |                                                         |                                         |
| 802.11ax-HE160 | 5          | 6025                   | 996T  | 6.04                                 | 6.26 | 0.159                                                          | 6.20         | 6.22 | 0.159                                                          | 4.28                                                    | 13.66                                   |
|                |            | 6185                   |       | 6.01                                 | 6.11 | 0.159                                                          | 6.15         | 6.18 | 0.159                                                          | 4.28                                                    | 13.61                                   |
|                |            | 6345                   |       | 6.43                                 | 6.42 | 0.159                                                          | 6.03         | 6.33 | 0.159                                                          | 4.28                                                    | 13.87                                   |
|                | 6          | 6505                   |       | 6.48                                 | 5.66 | 0.159                                                          | 6.49         | 5.91 | 0.159                                                          | 0.11                                                    | 9.49                                    |
|                | 7          | 6665                   |       | 6.33                                 | 5.26 | 0.159                                                          | 6.10         | 5.39 | 0.159                                                          | 2.24                                                    | 11.24                                   |
|                |            | 6825                   |       | 6.05                                 | 5.32 | 0.159                                                          | 5.60         | 4.98 | 0.159                                                          | 2.24                                                    | 11.11                                   |
|                | 8          | 6985                   |       | 5.79                                 | 5.43 | 0.159                                                          | 5.80         | 5.05 | 0.159                                                          | 1.26                                                    | 10.04                                   |

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

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

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.7/10} + 10^{4.8/10})/2]$  = 4.28dBi

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

6525-6875MHz: Directional gain =  $10 \log[(10^{2.8/10} + 10^{1.6/10})/2]$  = 2.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.4/10} + 10^{2.9/10})/2]$  = 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).

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