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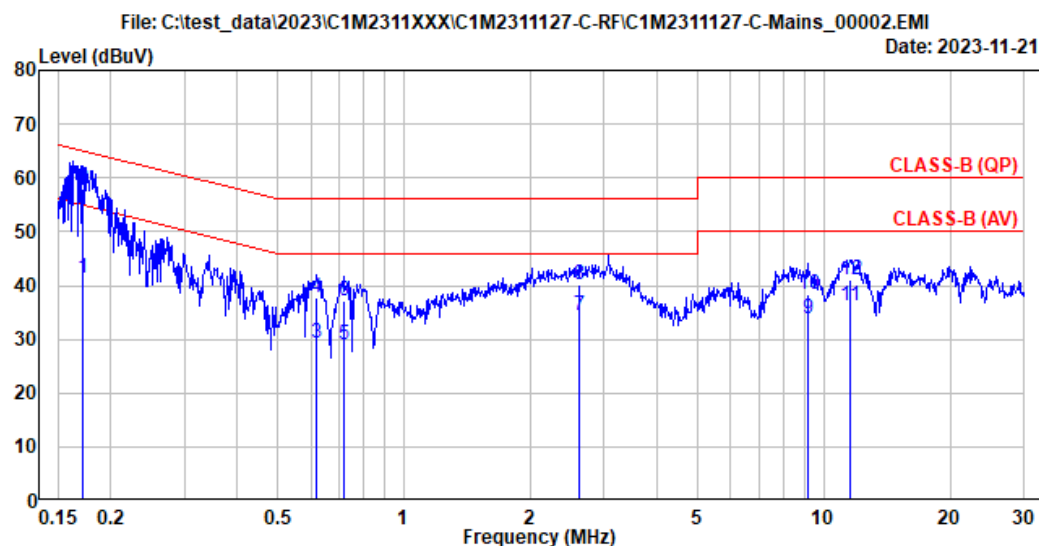
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## A.1 CONDUCTED EMISSION

|              |                               |            |             |
|--------------|-------------------------------|------------|-------------|
| Test Date    | 2023/11/21                    | Temp./Hum. | 26°C/57%    |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) | Tested By  | Bruce Tseng |



|              |                                       |             |               |
|--------------|---------------------------------------|-------------|---------------|
| Site No.     | : No.8 Shielded Room                  | Data No.    | : 2           |
| Instrument 1 | : Receiver ESR(774)                   |             |               |
| Instrument 2 | : ENV432 (567)(A) CE-08 ESH3-Z2 (354) |             |               |
| Limit        | : CLASS-B (QP)                        | Phase       | : Neutral     |
| Environment  | : 26°C/57%                            | Test Rating | : 120Vac/60Hz |
| EUT Model    | : 15290ST                             | Engineer    | : Bruce       |
| Test Mode    | : Operating                           |             |               |

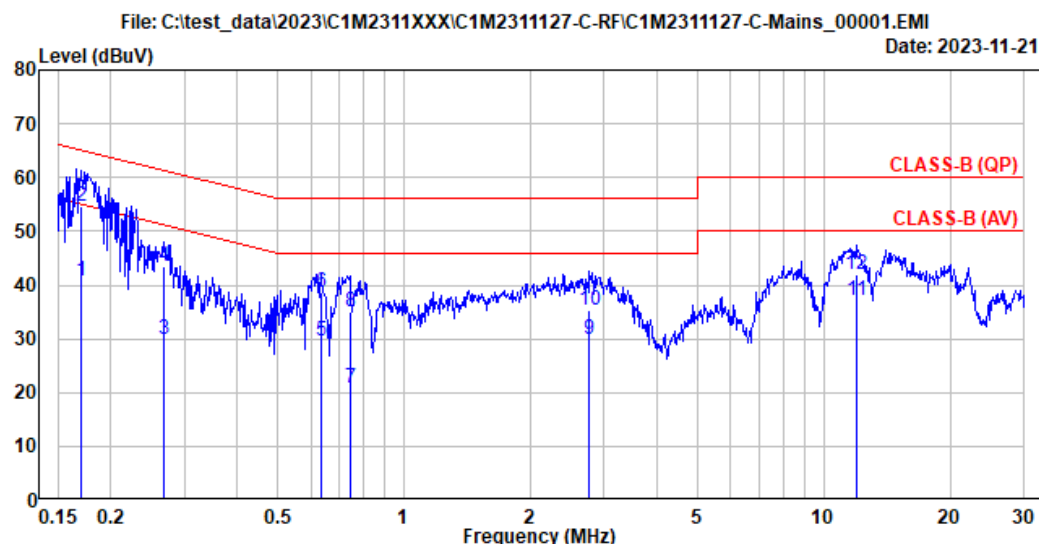
|    | Freq.<br>(MHz) | AMN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Att.<br>(dB) | Reading<br>(dBμV) | Emission<br>Level<br>(dBμV) | Limits<br>(dBμV) | Margin<br>(dB) | Remark  |
|----|----------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1  | 0.172          | 10.30                 | 0.03                  | 9.85                  | 21.15             | 41.33                       | 54.88            | 13.55          | Average |
| 2  | 0.172          | 10.30                 | 0.03                  | 9.85                  | 37.78             | 57.96                       | 64.88            | 6.92           | QP      |
| 3  | 0.621          | 10.28                 | 0.03                  | 9.85                  | 9.19              | 29.35                       | 46.00            | 16.65          | Average |
| 4  | 0.621          | 10.28                 | 0.03                  | 9.85                  | 17.44             | 37.60                       | 56.00            | 18.40          | QP      |
| 5  | 0.717          | 10.29                 | 0.04                  | 9.85                  | 8.92              | 29.10                       | 46.00            | 16.90          | Average |
| 6  | 0.717          | 10.29                 | 0.04                  | 9.85                  | 17.02             | 37.20                       | 56.00            | 18.80          | QP      |
| 7  | 2.622          | 10.34                 | 0.07                  | 9.86                  | 14.30             | 34.57                       | 46.00            | 11.43          | Average |
| 8  | 2.622          | 10.34                 | 0.07                  | 9.86                  | 19.78             | 40.05                       | 56.00            | 15.95          | QP      |
| 9  | 9.161          | 10.55                 | 0.13                  | 9.88                  | 13.19             | 33.75                       | 50.00            | 16.25          | Average |
| 10 | 9.161          | 10.55                 | 0.13                  | 9.88                  | 17.82             | 38.38                       | 60.00            | 21.62          | QP      |
| 11 | 11.579         | 10.66                 | 0.15                  | 9.90                  | 15.44             | 36.15                       | 50.00            | 13.85          | Average |
| 12 | 11.579         | 10.66                 | 0.15                  | 9.90                  | 20.31             | 41.02                       | 60.00            | 18.98          | QP      |

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

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|              |                               |            |             |
|--------------|-------------------------------|------------|-------------|
| Test Date    | 2023/11/21                    | Temp./Hum. | 26°C/57%    |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) | Tested By  | Bruce Tseng |



|              |                                       |             |               |
|--------------|---------------------------------------|-------------|---------------|
| Site No.     | : No.8 Shielded Room                  | Data No.    | : 1           |
| Instrument 1 | : Receiver ESR(774)                   |             |               |
| Instrument 2 | : ENV432 (567)(A) CE-08 ESH3-Z2 (354) |             |               |
| Limit        | : CLASS-B (QP)                        | Phase       | : Line        |
| Environment  | : 26°C/57%                            | Test Rating | : 120Vac/60Hz |
| EUT Model    | : 15Z90ST                             | Engineer    | : Bruce       |
| Test Mode    | : Operating                           |             |               |

|    | Freq.<br>(MHz) | AMN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Att.<br>(dB) | Reading<br>(dBμV) | Emission<br>Level<br>(dBμV) | Limits<br>(dBμV) | Margin<br>(dB) | Remark  |
|----|----------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1  | 0.171          | 10.22                 | 0.03                  | 9.85                  | 20.79             | 40.89                       | 54.92            | 14.03          | Average |
| 2  | 0.171          | 10.22                 | 0.03                  | 9.85                  | 34.42             | 54.52                       | 64.92            | 10.40          | QP      |
| 3  | 0.269          | 10.22                 | 0.03                  | 9.85                  | 9.89              | 29.99                       | 51.16            | 21.17          | Average |
| 4  | 0.269          | 10.22                 | 0.03                  | 9.85                  | 23.23             | 43.33                       | 61.16            | 17.83          | QP      |
| 5  | 0.633          | 10.23                 | 0.04                  | 9.85                  | 9.36              | 29.48                       | 46.00            | 16.52          | Average |
| 6  | 0.633          | 10.23                 | 0.04                  | 9.85                  | 18.48             | 38.60                       | 56.00            | 17.40          | QP      |
| 7  | 0.743          | 10.23                 | 0.04                  | 9.85                  | 0.67              | 20.79                       | 46.00            | 25.21          | Average |
| 8  | 0.743          | 10.23                 | 0.04                  | 9.85                  | 15.05             | 35.17                       | 56.00            | 20.83          | QP      |
| 9  | 2.770          | 10.26                 | 0.07                  | 9.86                  | 9.76              | 29.95                       | 46.00            | 16.05          | Average |
| 10 | 2.770          | 10.26                 | 0.07                  | 9.86                  | 15.05             | 35.24                       | 56.00            | 20.76          | QP      |
| 11 | 11.931         | 10.48                 | 0.15                  | 9.90                  | 16.60             | 37.13                       | 50.00            | 12.87          | Average |
| 12 | 11.931         | 10.48                 | 0.15                  | 9.90                  | 21.53             | 42.06                       | 60.00            | 17.94          | QP      |

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

## A.2 RADIATED EMISSION

|              |                               |            |          |
|--------------|-------------------------------|------------|----------|
| Test Date    | 2023/11/15                    | Temp./Hum. | 22°C/61% |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) | Tested By  | Hua Wu   |

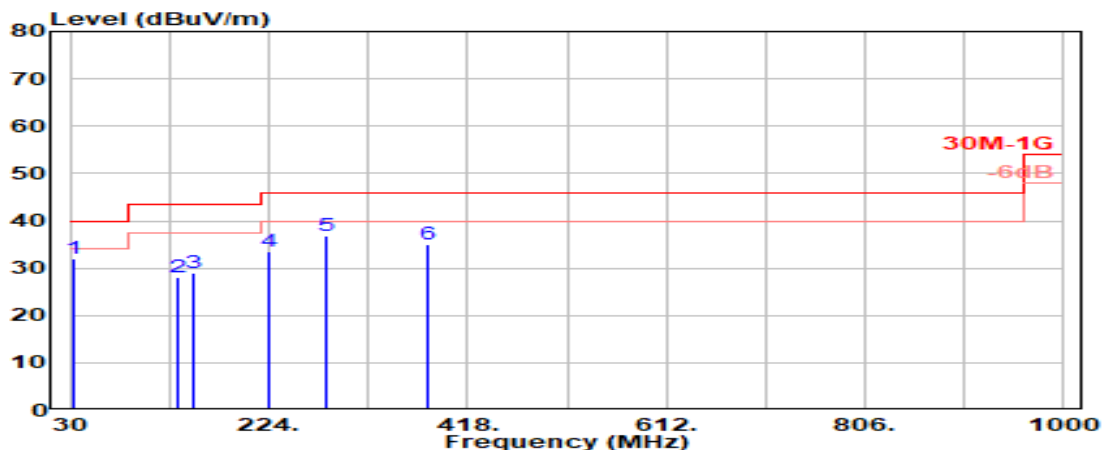
### A.2.1 Emissions within Restricted Frequency Bands

#### A.2.1.1 Frequency 9kHz~30MHz

**The emissions (9kHz~30MHz) not reported for there is no emission be found.**

#### A.2.1.2 Frequency Below 1GHz

|      |                |            |            |
|------|----------------|------------|------------|
| Mode | 802.11ax-HE160 | U-NII Band | 8          |
|      |                | Frequency  | TX 6985MHz |



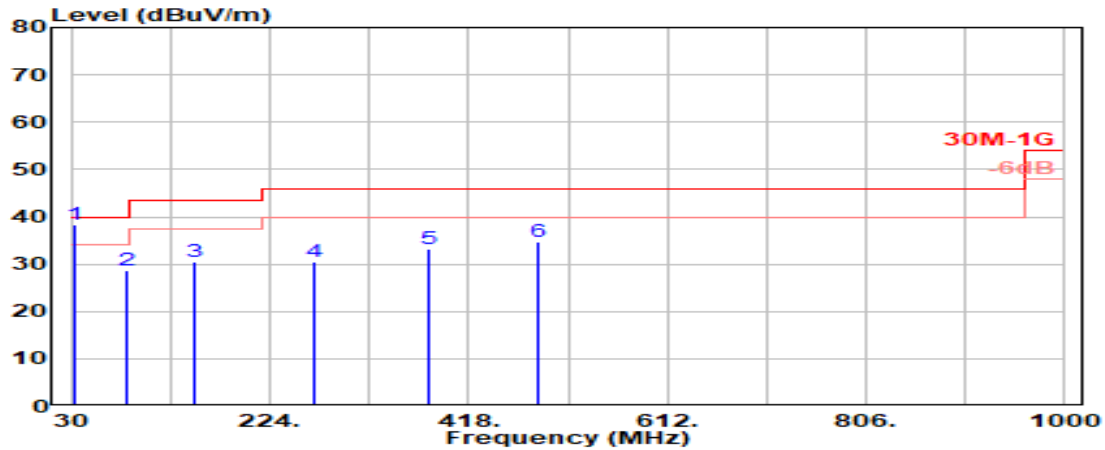
### Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 32.425                   | 23.06                 | 1.25            | 26.52                  | 34.20             | 31.99                   | 40.00           | 8.01        | Peak     |
| 135.083                  | 17.34                 | 2.71            | 26.09                  | 34.07             | 28.02                   | 43.50           | 15.48       | Peak     |
| 149.633                  | 16.59                 | 2.87            | 26.02                  | 35.55             | 28.99                   | 43.50           | 14.51       | Peak     |
| 224.808                  | 16.77                 | 3.65            | 25.77                  | 38.90             | 33.55                   | 46.00           | 12.45       | Peak     |
| 279.775                  | 18.60                 | 4.17            | 25.69                  | 39.84             | 36.92                   | 46.00           | 9.08        | Peak     |
| 378.392                  | 21.05                 | 5.29            | 26.35                  | 35.07             | 35.06                   | 46.00           | 10.94       | Peak     |

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|      |                |            |            |
|------|----------------|------------|------------|
| Mode | 802.11ax-HE160 | U-NII Band | 8          |
|      |                | Frequency  | TX 6985MHz |



## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 33.233                   | 22.77                 | 1.27            | 0.00             | 14.25             | 38.28                   | 40.00           | 1.72        | QP       |
| 84.158                   | 13.83                 | 2.10            | 26.35            | 39.10             | 28.66                   | 40.00           | 11.34       | Peak     |
| 151.250                  | 16.48                 | 2.89            | 26.01            | 37.20             | 30.56                   | 43.50           | 12.94       | Peak     |
| 266.842                  | 18.38                 | 4.05            | 25.70            | 33.62             | 30.35                   | 46.00           | 15.65       | Peak     |
| 378.392                  | 21.05                 | 5.29            | 26.35            | 33.15             | 33.14                   | 46.00           | 12.86       | Peak     |
| 485.900                  | 22.93                 | 6.29            | 27.08            | 32.50             | 34.65                   | 46.00           | 11.35       | Peak     |

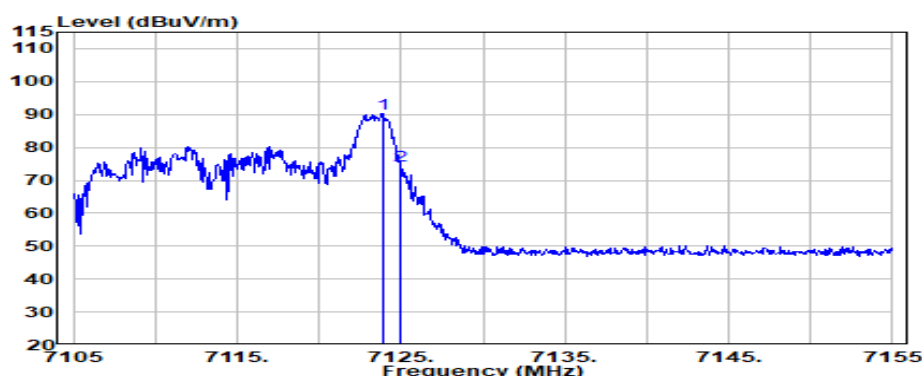
### A.2.1.3 Band Edge

### A.2.1.4 Band Edge-Maker Delta

#### ● OFDMA Modulation

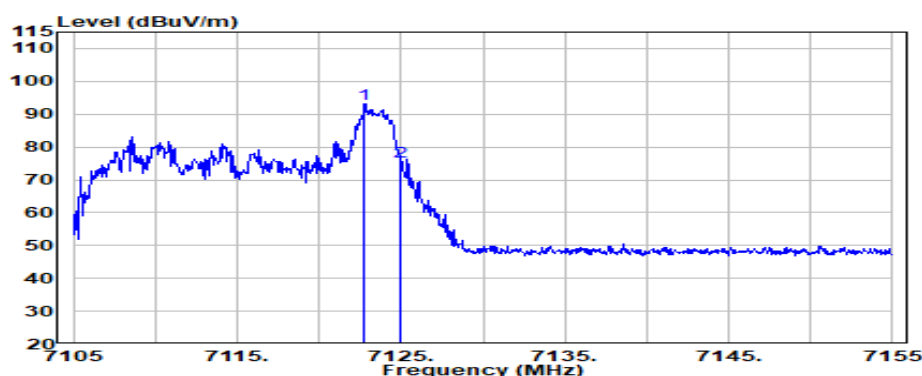
| Mode                            | Antenna Polarization | Peak Fundamental Emission Level@7115MHz (dBμV/m) | Band Edge Emission Level@7125MHz (dBμV/m) | Marker-Delta (dB) |
|---------------------------------|----------------------|--------------------------------------------------|-------------------------------------------|-------------------|
| 802.11ax-HE20 (26T, RU Index 8) | Horizontal           | 90.23                                            | 74.48                                     | 15.75             |
|                                 | Vertical             | 93.01                                            | 75.66                                     | 17.35             |

Note: marker -delta measured in accordance with KDB 789033 Section G3 (d)(i)



#### Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|----------|
| 7123.850                 | 35.90                 | 9.80            | 34.55                  | 79.09             | 90.23                   | Peak     |
| 7125.000                 | 35.90                 | 9.80            | 34.55                  | 63.33             | 74.48                   | Peak     |



#### Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|----------|
| 7122.750                 | 35.89                 | 9.80            | 34.55                  | 81.87             | 93.01                   | Peak     |
| 7125.000                 | 35.90                 | 9.80            | 34.55                  | 64.52             | 75.66                   | Peak     |

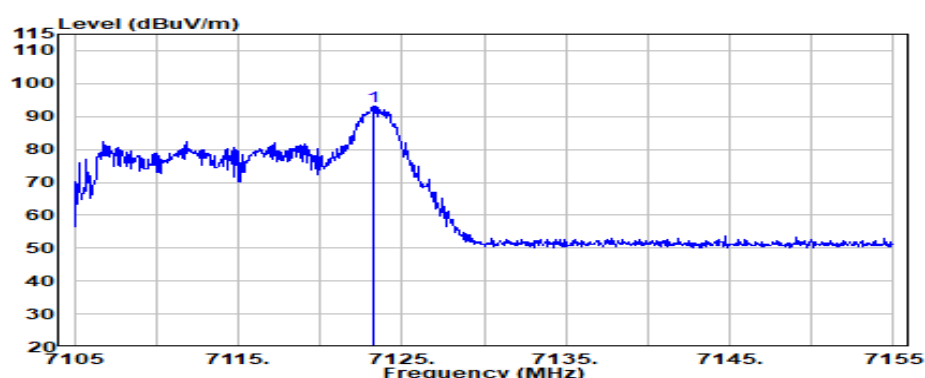
## Band Edge-Maker Delta Test Result

### ● OFDMA Modulation

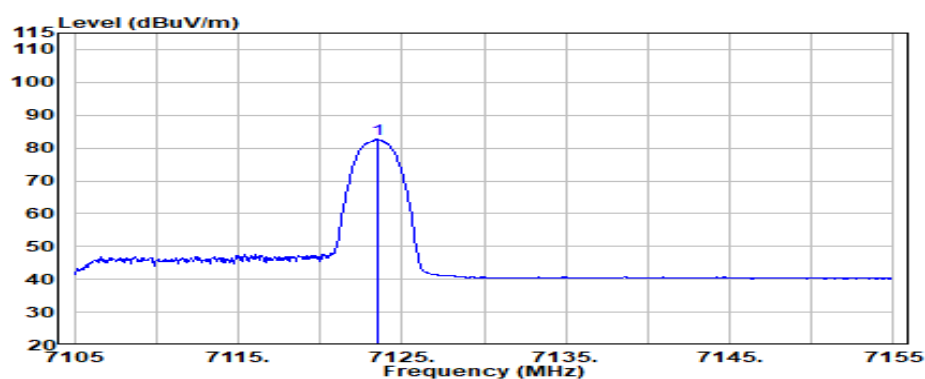
| Mode                               | Fundamental Emission Level@7115MHz (dBμV/m) | Marker-Delta (dB) | Band Edge Emission Level@7125MHz (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|------------------------------------|---------------------------------------------|-------------------|-------------------------------------------|----------------|-------------|----------|
| 802.11ax-HE20<br>(26T, RU Index 8) | Antenna Polarization: Vertical              |                   |                                           |                |             |          |
|                                    | 93.15                                       | 15.75             | 77.40                                     | 88.20          | 10.80       | Peak     |
|                                    | 82.60                                       | 15.75             | 66.85                                     | 68.20          | 1.35        | Average  |

Note: Band Edge Emission Level (dBμV/m) = Fundamental Emission Level (dBμV/m) - Marker-Delta (dB)

Antenna at Horizontal Polarization



| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|----------|
| 7123.200                 | 35.89                 | 9.80            | 34.55            | 82.01             | 93.15                   | Peak     |

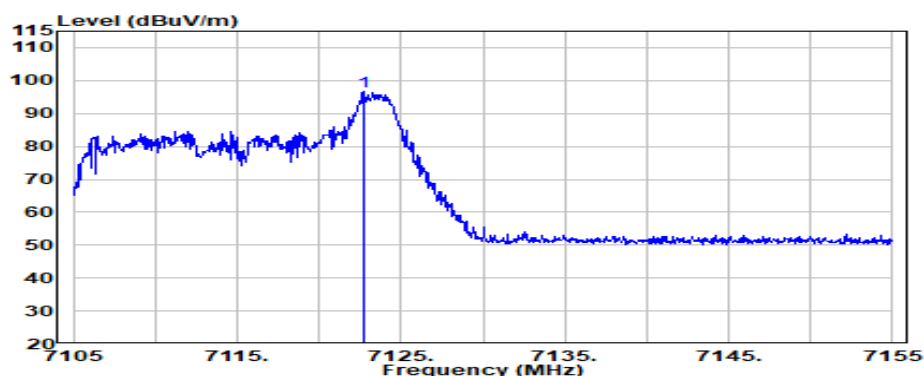


| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|----------|
| 7123.500                 | 35.89                 | 9.80            | 34.55            | 71.46             | 82.60                   | Average  |

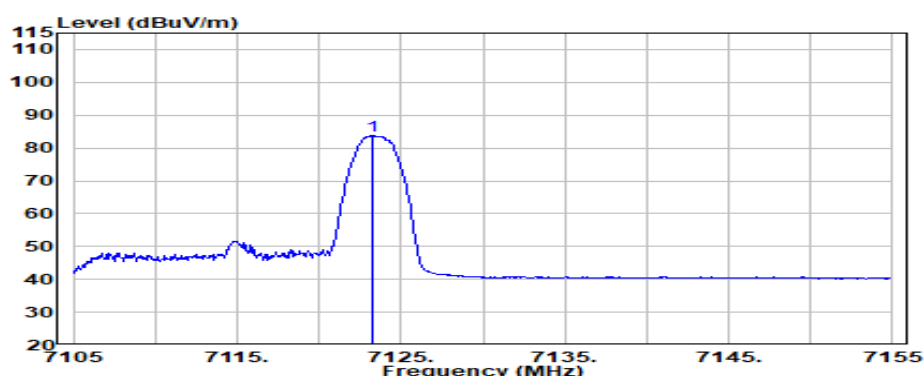
| Mode                               | Fundamental Emission Level@7115MHz (dBμV/m) | Marker-Delta (dB) | Band Edge Emission Level@7125MHz (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector |
|------------------------------------|---------------------------------------------|-------------------|-------------------------------------------|----------------|-------------|----------|
| 802.11ax-HE20<br>(26T, RU Index 8) | Antenna Polarization: Vertical              |                   |                                           |                |             |          |
|                                    | 96.87                                       | 17.35             | 79.52                                     | 88.20          | 8.68        | Peak     |
|                                    | 83.77                                       | 17.35             | 66.42                                     | 68.20          | 1.78        | Average  |

Note: Band Edge Emission Level (dBμV/m) = Fundamental Emission Level (dBμV/m) - Marker-Delta (dB)

### Antenna at Vertical Polarization



| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|----------|
| 7122.700                 | 35.89                 | 9.80            | 34.55                  | 85.73             | 96.87                   | Peak     |



| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|----------|
| 7123.250                 | 35.89                 | 9.80            | 34.55                  | 72.63             | 83.77                   | Average  |

### A.2.2 Emissions outside the frequency band

The emissions (up to 40GHz) not reported for there is no emission be found.

- OFDMA Modulation

|       |               |            |            |
|-------|---------------|------------|------------|
| Tones | 52T           | RU Index   | 37         |
| Mode  | 802.11ax-HE40 | U-NII Band | 8          |
|       |               | Frequency  | TX 7085MHz |

#### Antenna at Horizontal Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 14170.000                      | 41.80                       | 15.52                 | 33.13                  | 28.01                   | 52.21                         | 54.00              | 1.79           | Peak     |

#### Antenna at Vertical Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 14170.000                      | 41.80                       | 15.52                 | 33.13                  | 28.03                   | 52.23                         | 54.00              | 1.77           | Peak     |

### A.2.3 Emissions in Non-restricted Frequency Bands

Pursuant to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 that emission levels below the 15.209 general radiated emissions limits is not required.

## A.3 MAXIMUM CONDUCTED OUTPUT POWER

|              |                               |            |             |
|--------------|-------------------------------|------------|-------------|
| Test Date    | 2023/12/06                    | Temp./Hum. | 24°C/56%    |
| Cable Loss   | 1.60B                         | Tested By  | Harry Huang |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) |            |             |

### A.3.1 Conducted Output Power Result

- OFDM Modulation
- SPOT Check

| 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                   | 1.45                                 | 1.10  | N/A                               | 1.60                                    | 5.89                                  | 24dBm |
|                 |            | 6175                   | 1.39                                 | 0.72  |                                   | 1.60                                    | 5.68                                  |       |
|                 |            | 6415                   | 1.13                                 | 1.12  |                                   | -0.08                                   | 4.06                                  |       |
|                 | 6          | 6435                   | 1.29                                 | 0.89  |                                   | -0.08                                   | 4.02                                  |       |
|                 |            | 6475                   | 1.12                                 | 1.25  |                                   | -0.08                                   | 4.12                                  |       |
|                 |            | 6515                   | 1.49                                 | 1.25  |                                   | -0.08                                   | 4.30                                  |       |
|                 | 7          | 6535                   | 0.35                                 | 0.47  |                                   | -0.08                                   | 3.34                                  |       |
|                 |            | 6695                   | 0.38                                 | -0.53 |                                   | -0.08                                   | 2.88                                  |       |
|                 |            | 6855                   | 0.75                                 | 0.05  |                                   | 3.47                                    | 6.89                                  |       |
|                 | 8          | 6875                   | 0.66                                 | -0.02 |                                   | 3.47                                    | 6.81                                  |       |
|                 |            | 6995                   | 0.58                                 | 0.19  |                                   | 3.47                                    | 6.87                                  |       |
|                 |            | 7115                   | -3.76                                | -3.24 |                                   | 3.47                                    | 2.99                                  |       |
| 802.11ax-HE40   | 5          | 5965                   | 5.05                                 | 4.50  | N/A                               | 1.60                                    | 9.39                                  | 24dBm |
|                 |            | 6165                   | 4.83                                 | 4.92  |                                   | 1.60                                    | 9.49                                  |       |
|                 |            | 6405                   | 4.62                                 | 4.83  |                                   | -0.08                                   | 7.66                                  |       |
|                 | 6          | 6445                   | 4.89                                 | 5.01  |                                   | -0.08                                   | 7.88                                  |       |
|                 |            | 6485                   | 5.18                                 | 5.05  |                                   | -0.08                                   | 8.05                                  |       |
|                 | 7          | 6525                   | 5.16                                 | 4.53  |                                   | -0.08                                   | 7.79                                  |       |
|                 |            | 6685                   | 4.32                                 | 3.81  |                                   | -0.08                                   | 7.00                                  |       |
|                 |            | 6845                   | 4.46                                 | 3.43  |                                   | 3.47                                    | 10.46                                 |       |
|                 | 8          | 6885                   | 4.18                                 | 4.39  |                                   | 3.47                                    | 10.77                                 |       |
|                 |            | 7005                   | 4.35                                 | 3.90  |                                   | 3.47                                    | 10.61                                 |       |
|                 |            | 7085                   | 4.26                                 | 4.25  |                                   | 3.47                                    | 10.74                                 |       |

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

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

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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                   | 7.92                                 | 7.93  | N/A                               | 1.60                                    | 12.54                                 | 24dBm |
|                 |            | 6145                   | 7.54                                 | 7.58  |                                   | 1.60                                    | 12.17                                 |       |
|                 |            | 6385                   | 7.99                                 | 7.57  |                                   | -0.08                                   | 10.72                                 |       |
|                 | 6          | 6465                   | 7.27                                 | 7.26  |                                   | -0.08                                   | 10.20                                 |       |
|                 |            | 6545                   | 7.30                                 | 7.23  |                                   | -0.08                                   | 10.20                                 |       |
|                 |            | 6625                   | 6.27                                 | 6.21  |                                   | -0.08                                   | 9.17                                  |       |
|                 | 7          | 6705                   | 6.68                                 | 6.59  |                                   | -0.08                                   | 9.57                                  |       |
|                 |            | 6785                   | 6.44                                 | 6.43  |                                   | -0.08                                   | 9.37                                  |       |
|                 | 8          | 6865                   | 6.48                                 | 6.38  |                                   | 3.47                                    | 12.91                                 |       |
|                 |            | 6945                   | 7.06                                 | 7.15  |                                   | 3.47                                    | 13.59                                 |       |
|                 |            | 7025                   | 7.12                                 | 6.61  |                                   | 3.47                                    | 13.35                                 |       |
| 802.11ax-HE160  | 5          | 6025                   | 10.83                                | 10.68 | N/A                               | 1.60                                    | 15.37                                 | 24dBm |
|                 |            | 6185                   | 10.66                                | 10.61 |                                   | 1.60                                    | 15.25                                 |       |
|                 |            | 6345                   | 11.17                                | 10.69 |                                   | -0.08                                   | 13.87                                 |       |
|                 | 6          | 6505                   | 10.42                                | 10.36 |                                   | -0.08                                   | 13.32                                 |       |
|                 |            | 6665                   | 9.46                                 | 9.49  |                                   | -0.08                                   | 12.41                                 |       |
|                 |            | 6825                   | 9.63                                 | 9.68  |                                   | 3.47                                    | 16.14                                 |       |
|                 | 8          | 6985                   | 10.10                                | 9.89  |                                   | 3.47                                    | 16.48                                 |       |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower thus other conducted items is exempt.

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● **Original FCC ID: BEJNT-15Z90RT & IC: 2703H-15Z90RT Power**

| 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                   | 1.58                                 | 1.14  | N/A                               | 1.60                                    | 5.98                                  | 24dBm |
|                 |               | 6175                   | 1.43                                 | 1.21  |                                   | 1.60                                    | 5.93                                  |       |
|                 |               | 6415                   | 1.49                                 | 1.16  |                                   | -0.08                                   | 4.26                                  |       |
|                 | 6             | 6435                   | 1.38                                 | 1.36  |                                   | -0.08                                   | 4.30                                  |       |
|                 |               | 6475                   | 1.50                                 | 1.42  |                                   | -0.08                                   | 4.39                                  |       |
|                 |               | 6515                   | 1.54                                 | 1.45  |                                   | -0.08                                   | 4.43                                  |       |
|                 |               | 6535                   | 0.69                                 | 0.62  |                                   | -0.08                                   | 3.59                                  |       |
|                 | 7             | 6695                   | 0.88                                 | -0.12 |                                   | -0.08                                   | 3.34                                  |       |
|                 |               | 6855                   | 0.80                                 | 0.07  |                                   | 3.47                                    | 6.93                                  |       |
|                 |               | 6875                   | 0.94                                 | 0.19  |                                   | 3.47                                    | 7.06                                  |       |
|                 | 8             | 6995                   | 0.66                                 | 0.34  |                                   | 3.47                                    | 6.98                                  |       |
|                 |               | 7115                   | -3.36                                | -3.12 |                                   | 3.47                                    | 3.24                                  |       |
|                 | 802.11ax-HE40 | 5965                   | 5.36                                 | 4.97  |                                   | 1.60                                    | 9.78                                  |       |
|                 |               | 6165                   | 5.23                                 | 4.98  |                                   | 1.60                                    | 9.72                                  |       |
|                 |               | 6405                   | 4.98                                 | 5.17  |                                   | -0.08                                   | 8.01                                  |       |
|                 |               | 6445                   | 4.99                                 | 5.38  |                                   | -0.08                                   | 8.12                                  |       |
|                 |               | 6485                   | 5.26                                 | 5.31  |                                   | -0.08                                   | 8.22                                  |       |
|                 |               | 6525                   | 5.27                                 | 5.00  |                                   | -0.08                                   | 8.07                                  |       |
|                 |               | 6685                   | 4.46                                 | 4.10  |                                   | -0.08                                   | 7.22                                  |       |
|                 |               | 6845                   | 4.54                                 | 3.90  |                                   | 3.47                                    | 10.71                                 |       |
|                 |               | 6885                   | 4.40                                 | 4.44  |                                   | 3.47                                    | 10.90                                 |       |
|                 |               | 7005                   | 4.45                                 | 4.21  |                                   | 3.47                                    | 10.81                                 |       |
|                 |               | 7085                   | 4.52                                 | 4.33  |                                   | 3.47                                    | 10.91                                 |       |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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>Note2</sup> | Limit |
|-----------------|------------|------------------------|--------------------------------------|-------|-----------------------------------|-----------------------------------------|---------------------------------------|-------|
|                 |            |                        | AUX                                  | Main  |                                   |                                         |                                       |       |
| 802.11ax-HE80   | 5          | 5985                   | 8.06                                 | 7.97  | N/A                               | 1.60                                    | 12.63                                 | 24dBm |
|                 |            | 6145                   | 7.81                                 | 7.69  |                                   | 1.60                                    | 12.36                                 |       |
|                 |            | 6385                   | 8.08                                 | 7.67  |                                   | -0.08                                   | 10.81                                 |       |
|                 | 6          | 6465                   | 7.88                                 | 7.59  |                                   | -0.08                                   | 10.67                                 |       |
|                 |            | 6545                   | 7.52                                 | 7.41  |                                   | -0.08                                   | 10.40                                 |       |
|                 |            | 6625                   | 6.78                                 | 6.87  |                                   | -0.08                                   | 9.76                                  |       |
|                 | 7          | 6705                   | 6.84                                 | 6.66  |                                   | -0.08                                   | 9.68                                  |       |
|                 |            | 6785                   | 6.79                                 | 6.64  |                                   | -0.08                                   | 9.65                                  |       |
|                 | 8          | 6865                   | 6.86                                 | 6.65  |                                   | 3.47                                    | 13.24                                 |       |
|                 |            | 6945                   | 7.24                                 | 6.84  |                                   | 3.47                                    | 13.52                                 |       |
|                 |            | 7025                   | 7.18                                 | 6.77  |                                   | 3.47                                    | 13.46                                 |       |
| 802.11ax-HE160  | 5          | 6025                   | 11.02                                | 10.82 | N/A                               | 1.60                                    | 15.53                                 | 24dBm |
|                 |            | 6185                   | 10.87                                | 10.54 |                                   | 1.60                                    | 15.32                                 |       |
|                 |            | 6345                   | 11.19                                | 10.67 |                                   | -0.08                                   | 13.87                                 |       |
|                 | 6          | 6505                   | 10.69                                | 10.51 |                                   | -0.08                                   | 13.53                                 |       |
|                 |            | 6665                   | 10.07                                | 9.85  |                                   | -0.08                                   | 12.89                                 |       |
|                 |            | 6825                   | 9.87                                 | 9.77  |                                   | 3.47                                    | 16.30                                 |       |
|                 | 7          | 6985                   | 10.38                                | 9.97  |                                   | 3.47                                    | 16.66                                 |       |
|                 |            |                        |                                      |       |                                   |                                         |                                       |       |
|                 |            |                        |                                      |       |                                   |                                         |                                       |       |
|                 | 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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  dBi

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

- OFDMA Modulation
- SPOT Check

| 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 (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                   | 26T   | -5.97                                | -6.06 | 0.255                                                         | -6.20      | -5.95 | 0.255                                                         | -5.91      | -6.01 | 0.255                                                         | 1.60                                                    | -1.09                                   |
|               |            | 6175                   |       | -7.63                                | -7.81 | 0.255                                                         | -7.31      | -7.53 | 0.255                                                         | -7.49      | -7.82 | 0.255                                                         | 1.60                                                    | -2.55                                   |
|               |            | 6415                   |       | -7.77                                | -7.92 | 0.255                                                         | -7.81      | -8.06 | 0.255                                                         | -7.86      | -8.24 | 0.255                                                         | -0.08                                                   | -4.66                                   |
|               | 6          | 6435                   |       | -7.45                                | -8.43 | 0.255                                                         | -7.70      | -7.87 | 0.255                                                         | -8.12      | -8.14 | 0.255                                                         | -0.08                                                   | -4.60                                   |
|               |            | 6475                   |       | -8.07                                | -8.55 | 0.255                                                         | -7.70      | -7.99 | 0.255                                                         | -8.03      | -8.12 | 0.255                                                         | -0.08                                                   | -4.66                                   |
|               |            | 6515                   |       | -8.26                                | -8.44 | 0.255                                                         | -7.62      | -8.51 | 0.255                                                         | -8.18      | -8.24 | 0.255                                                         | -0.08                                                   | -4.86                                   |
|               | 7          | 6535                   |       | -9.01                                | -9.52 | 0.255                                                         | -8.89      | -9.18 | 0.255                                                         | -8.84      | -9.52 | 0.255                                                         | -0.08                                                   | -5.85                                   |
|               |            | 6695                   |       | -9.26                                | -9.01 | 0.255                                                         | -9.38      | -8.92 | 0.255                                                         | -9.53      | -9.44 | 0.255                                                         | -0.08                                                   | -5.95                                   |
|               |            | 6855                   |       | -8.84                                | -8.91 | 0.255                                                         | -9.34      | -8.51 | 0.255                                                         | -8.83      | -9.02 | 0.255                                                         | 3.47                                                    | -2.14                                   |
|               | 8          | 6875                   |       | -9.55                                | -9.30 | 0.255                                                         | -9.31      | -8.46 | 0.255                                                         | -9.31      | -9.15 | 0.255                                                         | 3.47                                                    | -2.13                                   |
|               |            | 6995                   |       | -8.43                                | -8.33 | 0.255                                                         | -7.99      | -7.70 | 0.255                                                         | -8.33      | -7.99 | 0.255                                                         | 3.47                                                    | -1.11                                   |
|               |            | 7115                   |       | -8.16                                | -8.04 | 0.255                                                         | -8.27      | -7.30 | 0.255                                                         | -8.21      | -7.80 | 0.255                                                         | 3.47                                                    | -1.02                                   |

| 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   | -6.29                                | -6.43 | 0.255                                          | -5.82      | -5.90 | 0.255                                          | -6.15       | -6.09 | 0.255                                          | 1.60                                             | -0.99                            |
|               |            | 6165                   |       | -7.22                                | -7.72 | 0.255                                          | -7.37      | -7.39 | 0.255                                          | -7.33       | -7.66 | 0.255                                          | 1.60                                             | -2.51                            |
|               |            | 6405                   |       | -7.64                                | -8.45 | 0.255                                          | -7.67      | -8.32 | 0.255                                          | -7.68       | -8.28 | 0.255                                          | -0.08                                            | -4.78                            |
|               | 6          | 6445                   |       | -7.81                                | -8.16 | 0.255                                          | -7.97      | -7.97 | 0.255                                          | -7.92       | -8.06 | 0.255                                          | -0.08                                            | -4.78                            |
|               |            | 6485                   |       | -8.12                                | -8.35 | 0.255                                          | -8.22      | -8.44 | 0.255                                          | -8.26       | -8.14 | 0.255                                          | -0.08                                            | -5.01                            |
|               | 7          | 6525                   |       | -8.29                                | -8.52 | 0.255                                          | -8.29      | -8.87 | 0.255                                          | -8.38       | -8.56 | 0.255                                          | -0.08                                            | -5.22                            |
|               |            | 6685                   |       | -9.60                                | -9.04 | 0.255                                          | -9.37      | -9.22 | 0.255                                          | -9.51       | -8.96 | 0.255                                          | -0.08                                            | -6.04                            |
|               |            | 6845                   |       | -8.75                                | -8.37 | 0.255                                          | -9.24      | -8.41 | 0.255                                          | -9.33       | -8.46 | 0.255                                          | 3.47                                             | -1.82                            |
|               | 8          | 6885                   |       | -9.24                                | -8.57 | 0.255                                          | -9.81      | -9.01 | 0.255                                          | -9.68       | -9.47 | 0.255                                          | 3.47                                             | -2.16                            |
|               |            | 7005                   |       | -8.03                                | -7.74 | 0.255                                          | -8.09      | -8.31 | 0.255                                          | -8.15       | -8.15 | 0.255                                          | 3.47                                             | -1.15                            |
|               |            | 7085                   |       | -7.86                                | -7.73 | 0.255                                          | -7.46      | -7.84 | 0.255                                          | -8.66       | -8.19 | 0.255                                          | 3.47                                             | -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 > 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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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   | -6.43                                | -5.97 | 0.255                                                         | -5.27       | -5.75 | 0.255                                                         | -6.76       | -5.96 | 0.255                                                         | 1.60                                                    | -0.64                                   |
|               |            | 6145                   |       | -7.15                                | -7.11 | 0.255                                                         | -6.61       | -7.10 | 0.255                                                         | -7.97       | -7.56 | 0.255                                                         | 1.60                                                    | -1.98                                   |
|               |            | 6385                   |       | -7.98                                | -7.70 | 0.255                                                         | -7.40       | -7.30 | 0.255                                                         | -7.76       | -8.72 | 0.255                                                         | -0.08                                                   | -4.16                                   |
|               | 6          | 6465                   |       | -8.40                                | -7.89 | 0.255                                                         | -7.48       | -7.84 | 0.255                                                         | -8.66       | -8.49 | 0.255                                                         | -0.08                                                   | -4.47                                   |
|               |            | 6545                   |       | -8.64                                | -8.68 | 0.255                                                         | -8.24       | -8.12 | 0.255                                                         | -9.26       | -8.84 | 0.255                                                         | -0.08                                                   | -4.99                                   |
|               | 7          | 6625                   |       | -9.77                                | -8.88 | 0.255                                                         | -8.92       | -8.42 | 0.255                                                         | -10.13      | -8.80 | 0.255                                                         | -0.08                                                   | -5.48                                   |
|               |            | 6705                   |       | -10.04                               | -9.00 | 0.255                                                         | -9.52       | -8.59 | 0.255                                                         | -9.96       | -8.89 | 0.255                                                         | -0.08                                                   | -5.84                                   |
|               |            | 6785                   |       | -9.12                                | -8.16 | 0.255                                                         | -8.59       | -7.57 | 0.255                                                         | -9.52       | -8.62 | 0.255                                                         | -0.08                                                   | -4.86                                   |
|               | 8          | 6865                   |       | -8.86                                | -8.73 | 0.255                                                         | -8.87       | -8.02 | 0.255                                                         | -9.72       | -8.88 | 0.255                                                         | 3.47                                                    | -1.69                                   |
|               |            | 6945                   |       | -8.04                                | -7.54 | 0.255                                                         | -7.39       | -7.20 | 0.255                                                         | -8.62       | -8.32 | 0.255                                                         | 3.47                                                    | -0.56                                   |
|               |            | 7025                   |       | -8.79                                | -8.20 | 0.255                                                         | -8.20       | -7.87 | 0.255                                                         | -8.92       | -8.72 | 0.255                                                         | 3.47                                                    | -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 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   | -8.04                                | -7.86  | 0.255                                                         | -6.61       | -6.56 | 0.255                                                         | -6.40       | -5.83 | 0.255                                                         | 1.60                                                    | -1.24                                   |
|                      |            | 6185                   |       | -8.71                                | -8.47  | 0.255                                                         | -7.81       | -8.02 | 0.255                                                         | -7.47       | -7.42 | 0.255                                                         | 1.60                                                    | -2.58                                   |
|                      |            | 6345                   |       | -9.72                                | -9.26  | 0.255                                                         | -8.34       | -7.87 | 0.255                                                         | -7.75       | -7.60 | 0.255                                                         | -0.08                                                   | -4.49                                   |
|                      | 6          | 6505                   |       | -9.74                                | -9.74  | 0.255                                                         | -9.05       | -8.42 | 0.255                                                         | -8.55       | -7.83 | 0.255                                                         | -0.08                                                   | -4.99                                   |
|                      | 7          | 6665                   |       | -11.11                               | -11.34 | 0.255                                                         | -9.65       | -9.48 | 0.255                                                         | -9.35       | -9.72 | 0.255                                                         | -0.08                                                   | -6.35                                   |
|                      |            | 6825                   |       | -10.23                               | -10.12 | 0.255                                                         | -8.90       | -9.25 | 0.255                                                         | -8.42       | -8.97 | 0.255                                                         | 3.47                                                    | -1.95                                   |
|                      | 8          | 6985                   |       | -9.25                                | -9.45  | 0.255                                                         | -8.35       | -8.53 | 0.255                                                         | -8.39       | -7.54 | 0.255                                                         | 3.47                                                    | -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 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   | -6.27                                | -6.24 | 0.255                                                         | -7.26        | -6.62 | 0.255                                                         | -8.62        | -7.92  | 0.255                                                         | 1.60                                                    | -1.39                                   |
|                      |            | 6185                   |       | -7.60                                | -7.76 | 0.255                                                         | -7.66        | -7.86 | 0.255                                                         | -9.40        | -9.35  | 0.255                                                         | 1.60                                                    | -2.81                                   |
|                      |            | 6345                   |       | -7.68                                | -7.57 | 0.255                                                         | -8.60        | -7.90 | 0.255                                                         | -10.36       | -9.35  | 0.255                                                         | -0.08                                                   | -4.44                                   |
|                      | 6          | 6505                   |       | -7.89                                | -7.76 | 0.255                                                         | -8.91        | -8.64 | 0.255                                                         | -11.11       | -10.59 | 0.255                                                         | -0.08                                                   | -4.64                                   |
|                      | 7          | 6665                   |       | -9.04                                | -9.34 | 0.255                                                         | -9.53        | -9.68 | 0.255                                                         | -11.03       | -11.17 | 0.255                                                         | -0.08                                                   | -6.00                                   |
|                      |            | 6825                   |       | -8.39                                | -8.94 | 0.255                                                         | -9.30        | -9.64 | 0.255                                                         | -10.74       | -11.51 | 0.255                                                         | 3.47                                                    | -1.92                                   |
|                      | 8          | 6985                   |       | -8.01                                | -8.27 | 0.255                                                         | -8.49        | -9.01 | 0.255                                                         | -9.93        | -10.42 | 0.255                                                         | 3.47                                                    | -1.40                                   |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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) <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   | -2.83                                | -2.75 | 0.119                                          | -2.67       | -2.63 | 0.119                                          | -3.00       | -2.92 | 0.119                                          | 1.6                                              | 2.079                            |
|               |            | 6175                   |       | -3.89                                | -4.10 | 0.119                                          | -4.20       | -4.48 | 0.119                                          | -4.02       | -4.60 | 0.119                                          | 1.6                                              | 0.736                            |
|               |            | 6415                   |       | -4.00                                | -5.14 | 0.119                                          | -4.54       | -5.24 | 0.119                                          | -4.77       | -5.28 | 0.119                                          | -0.08                                            | -1.483                           |
|               | 6          | 6435                   |       | -5.20                                | -4.73 | 0.119                                          | -4.49       | -4.94 | 0.119                                          | -4.39       | -5.14 | 0.119                                          | -0.08                                            | -1.660                           |
|               |            | 6475                   |       | -4.74                                | -5.07 | 0.119                                          | -4.72       | -4.95 | 0.119                                          | -5.15       | -5.06 | 0.119                                          | -0.08                                            | -1.784                           |
|               |            | 6515                   |       | -5.30                                | -5.35 | 0.119                                          | -4.94       | -4.85 | 0.119                                          | -4.74       | -5.24 | 0.119                                          | -0.08                                            | -1.845                           |
|               | 7          | 6535                   |       | -5.53                                | -6.25 | 0.119                                          | -5.61       | -6.34 | 0.119                                          | -6.08       | -6.40 | 0.119                                          | -0.08                                            | -2.826                           |
|               |            | 6695                   |       | -6.25                                | -6.00 | 0.119                                          | -5.96       | -5.87 | 0.119                                          | -5.96       | -5.73 | 0.119                                          | -0.08                                            | -2.794                           |
|               |            | 6855                   |       | -5.77                                | -5.14 | 0.119                                          | -5.84       | -5.70 | 0.119                                          | -5.82       | -5.47 | 0.119                                          | 3.47                                             | 1.156                            |
|               | 8          | 6875                   |       | -6.29                                | -5.23 | 0.119                                          | -5.93       | -5.28 | 0.119                                          | -6.05       | -5.92 | 0.119                                          | 3.47                                             | 1.006                            |
|               |            | 6995                   |       | -5.16                                | -5.15 | 0.119                                          | -4.67       | -4.54 | 0.119                                          | -5.25       | -4.98 | 0.119                                          | 3.47                                             | 1.995                            |
|               |            | 7115                   |       | -4.57                                | -4.75 | 0.119                                          | -4.82       | -4.72 | 0.119                                          | -8.83       | -8.57 | 0.119                                          | 3.47                                             | 1.940                            |

| 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   | -2.96                                | -3.15 | 0.119                                                         | -2.87       | -2.99 | 0.119                                                         | -3.48       | -2.97 | 0.119                                                         | 1.6                                                     | 1.80                                    |
|               |            | 6165                   |       | -3.89                                | -4.31 | 0.119                                                         | -4.02       | -4.82 | 0.119                                                         | -4.20       | -4.67 | 0.119                                                         | 1.6                                                     | 0.63                                    |
|               |            | 6405                   |       | -4.18                                | -5.19 | 0.119                                                         | -4.58       | -4.80 | 0.119                                                         | -4.59       | -4.98 | 0.119                                                         | -0.08                                                   | -1.61                                   |
|               | 6          | 6445                   |       | -4.55                                | -4.49 | 0.119                                                         | -4.85       | -4.78 | 0.119                                                         | -4.60       | -5.08 | 0.119                                                         | -0.08                                                   | -1.47                                   |
|               |            | 6485                   |       | -4.44                                | -5.18 | 0.119                                                         | -4.74       | -5.06 | 0.119                                                         | -4.59       | -5.45 | 0.119                                                         | -0.08                                                   | -1.74                                   |
|               | 7          | 6525                   |       | -5.13                                | -5.10 | 0.119                                                         | -4.97       | -5.63 | 0.119                                                         | -4.81       | -5.02 | 0.119                                                         | -0.08                                                   | -1.86                                   |
|               |            | 6685                   |       | -6.51                                | -6.07 | 0.119                                                         | -6.13       | -5.66 | 0.119                                                         | -6.49       | -6.14 | 0.119                                                         | -0.08                                                   | -2.84                                   |
|               |            | 6845                   |       | -6.15                                | -5.52 | 0.119                                                         | -5.87       | -5.47 | 0.119                                                         | -6.36       | -5.66 | 0.119                                                         | 3.47                                                    | 0.93                                    |
|               | 8          | 6885                   |       | -5.94                                | -5.67 | 0.119                                                         | -6.26       | -5.75 | 0.119                                                         | -6.51       | -5.95 | 0.119                                                         | 3.47                                                    | 0.80                                    |
|               |            | 7005                   |       | -4.99                                | -5.21 | 0.119                                                         | -5.21       | -5.02 | 0.119                                                         | -5.63       | -4.97 | 0.119                                                         | 3.47                                                    | 1.50                                    |
|               |            | 7085                   |       | -4.43                                | -4.16 | 0.119                                                         | -4.54       | -4.70 | 0.119                                                         | -4.92       | -4.85 | 0.119                                                         | 3.47                                                    | 2.31                                    |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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   | -2.99                                | -3.16 | 0.119                                                         | -2.52       | -2.51 | 0.119                                                         | -3.46       | -3.46 | 0.119                                                         | 1.6                                                     | 2.21                                    |
|               |            | 6145                   |       | -4.27                                | -4.30 | 0.119                                                         | -3.55       | -4.14 | 0.119                                                         | -4.34       | -4.84 | 0.119                                                         | 1.6                                                     | 0.89                                    |
|               |            | 6385                   |       | -5.19                                | -4.81 | 0.119                                                         | -4.55       | -4.32 | 0.119                                                         | -5.77       | -5.18 | 0.119                                                         | -0.08                                                   | -1.38                                   |
|               | 6          | 6465                   |       | -5.05                                | -5.60 | 0.119                                                         | -4.93       | -5.00 | 0.119                                                         | -5.23       | -5.64 | 0.119                                                         | -0.08                                                   | -1.92                                   |
|               |            | 6545                   |       | -5.31                                | -5.95 | 0.119                                                         | -5.53       | -5.49 | 0.119                                                         | -5.76       | -6.07 | 0.119                                                         | -0.08                                                   | -2.46                                   |
|               | 7          | 6625                   |       | -6.38                                | -6.99 | 0.119                                                         | -5.90       | -6.91 | 0.119                                                         | -6.53       | -7.38 | 0.119                                                         | -0.08                                                   | -3.33                                   |
|               |            | 6705                   |       | -6.52                                | -7.37 | 0.119                                                         | -5.35       | -7.08 | 0.119                                                         | -6.42       | -7.28 | 0.119                                                         | -0.08                                                   | -3.08                                   |
|               |            | 6785                   |       | -5.39                                | -6.48 | 0.119                                                         | -5.17       | -5.97 | 0.119                                                         | -5.43       | -6.82 | 0.119                                                         | -0.08                                                   | -2.50                                   |
|               | 8          | 6865                   |       | -5.82                                | -6.62 | 0.119                                                         | -5.00       | -6.21 | 0.119                                                         | -6.18       | -7.56 | 0.119                                                         | 3.47                                                    | 1.04                                    |
|               |            | 6945                   |       | -5.10                                | -5.54 | 0.119                                                         | -4.68       | -5.53 | 0.119                                                         | -5.20       | -5.71 | 0.119                                                         | 3.47                                                    | 1.52                                    |
|               |            | 7025                   |       | -5.31                                | -5.88 | 0.119                                                         | -4.81       | -5.47 | 0.119                                                         | -5.85       | -6.71 | 0.119                                                         | 3.47                                                    | 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 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   | -4.64                                | -4.44 | 0.119                                                         | -3.39       | -3.22 | 0.119                                                         | -3.05       | -2.99 | 0.119                                                         | 1.6                                                     | 1.71                                    |
|                      |            | 6185                   |       | -6.13                                | -5.60 | 0.119                                                         | -4.75       | -4.51 | 0.119                                                         | -4.22       | -4.28 | 0.119                                                         | 1.6                                                     | 0.48                                    |
|                      |            | 6345                   |       | -6.02                                | -6.09 | 0.119                                                         | -5.37       | -4.63 | 0.119                                                         | -4.66       | -3.98 | 0.119                                                         | -0.08                                                   | -1.26                                   |
|                      | 6          | 6505                   |       | -6.68                                | -6.70 | 0.119                                                         | -6.06       | -5.31 | 0.119                                                         | -5.07       | -5.51 | 0.119                                                         | -0.08                                                   | -2.24                                   |
|                      | 7          | 6665                   |       | -7.59                                | -7.76 | 0.119                                                         | -6.34       | -6.51 | 0.119                                                         | -6.05       | -5.95 | 0.119                                                         | -0.08                                                   | -2.95                                   |
|                      |            | 6825                   |       | -6.96                                | -7.33 | 0.119                                                         | -5.53       | -6.45 | 0.119                                                         | -5.34       | -5.91 | 0.119                                                         | 3.47                                                    | 0.98                                    |
|                      | 8          | 6985                   |       | -5.70                                | -6.26 | 0.119                                                         | -5.49       | -5.50 | 0.119                                                         | -4.81       | -5.26 | 0.119                                                         | 3.47                                                    | 1.57                                    |

| 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) 10log(1/X) <sup>Note 3</sup> | 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-HE160 (80H) | 5          | 6025                   | 52T   | -3.21                                | -3.13 | 0.119                                               | -3.63        | -3.95 | 0.119                                               | -5.29        | -4.95 | 0.119                                               | 1.6                                              | 1.56                             |
|                      |            | 6185                   |       | -4.48                                | -4.16 | 0.119                                               | -4.91        | -4.36 | 0.119                                               | -6.49        | -6.37 | 0.119                                               | 1.6                                              | 0.41                             |
|                      |            | 6345                   |       | -4.78                                | -4.33 | 0.119                                               | -5.14        | -4.34 | 0.119                                               | -7.47        | -5.97 | 0.119                                               | -0.08                                            | -1.50                            |
|                      | 6          | 6505                   |       | -5.16                                | -4.86 | 0.119                                               | -6.26        | -5.22 | 0.119                                               | -7.72        | -7.41 | 0.119                                               | -0.08                                            | -1.96                            |
|                      | 7          | 6665                   |       | -6.15                                | -6.39 | 0.119                                               | -6.38        | -6.88 | 0.119                                               | -7.65        | -8.20 | 0.119                                               | -0.08                                            | -3.22                            |
|                      |            | 6825                   |       | -5.74                                | -6.10 | 0.119                                               | -6.22        | -6.56 | 0.119                                               | -7.67        | -7.98 | 0.119                                               | 3.47                                             | 0.68                             |
|                      | 8          | 6985                   |       | -4.71                                | -5.33 | 0.119                                               | -5.51        | -5.78 | 0.119                                               | -7.08        | -7.65 | 0.119                                               | 3.47                                             | 1.59                             |

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 &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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower thus other conducted items is exempt.

### Tones: 106T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |       |                                                               |             |       |                                                               | Directional Antenna Gain (dBi)<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) $10\log(1/X)$<br><small>Note 3</small> | AUX         | Main  | Duty Cycle Factor (dB) $10\log(1/X)$<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 106T  | 0.25                                 | -0.23 | N/A                                                           | -0.07       | 0.02  | N/A                                                           | 1.60                                                    | 4.63                                    |
|               |            | 6175                   |       | -0.94                                | -1.35 | N/A                                                           | -1.17       | -1.24 | N/A                                                           | 1.60                                                    | 3.47                                    |
|               |            | 6415                   |       | -1.33                                | -2.32 | N/A                                                           | -1.87       | -2.09 | N/A                                                           | -0.08                                                   | 1.13                                    |
|               | 6          | 6435                   |       | -1.82                                | -1.37 | N/A                                                           | -1.67       | -1.53 | N/A                                                           | -0.08                                                   | 1.34                                    |
|               |            | 6475                   |       | -1.87                                | -2.09 | N/A                                                           | -1.79       | -1.82 | N/A                                                           | -0.08                                                   | 1.13                                    |
|               |            | 6515                   |       | -1.79                                | -2.35 | N/A                                                           | -2.05       | -1.82 | N/A                                                           | -0.08                                                   | 1.00                                    |
|               | 7          | 6535                   |       | -2.79                                | -2.68 | N/A                                                           | -2.80       | -2.59 | N/A                                                           | -0.08                                                   | 0.24                                    |
|               |            | 6695                   |       | -3.42                                | -2.66 | N/A                                                           | -3.29       | -2.62 | N/A                                                           | -0.08                                                   | -0.01                                   |
|               |            | 6855                   |       | -3.03                                | -2.38 | N/A                                                           | -2.77       | -2.74 | N/A                                                           | 3.47                                                    | 3.79                                    |
|               | 8          | 6875                   |       | -2.76                                | -2.40 | N/A                                                           | -3.20       | -2.55 | N/A                                                           | 3.47                                                    | 3.90                                    |
|               |            | 6995                   |       | -1.89                                | -1.58 | N/A                                                           | -2.04       | -2.04 | N/A                                                           | 3.47                                                    | 4.75                                    |
|               |            | 7115                   |       | -1.77                                | -1.34 | N/A                                                           | -8.75       | -8.45 | N/A                                                           | 3.47                                                    | 4.93                                    |

| 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>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                   | 106T  | 0.10                                 | -0.27 | N/A                                            | -0.01       | 0.37  | N/A                                            | 0.24        | 0.33  | N/A                                            | 1.60                                             | 4.90                             |
|               |            | 6165                   |       | -1.25                                | -1.76 | N/A                                            | -1.10       | -1.07 | N/A                                            | -1.12       | -1.14 | N/A                                            | 1.60                                             | 3.53                             |
|               |            | 6405                   |       | -1.47                                | -2.17 | N/A                                            | -1.80       | -2.21 | N/A                                            | -2.00       | -2.61 | N/A                                            | -0.08                                            | 1.12                             |
|               | 6          | 6445                   |       | -1.63                                | -1.67 | N/A                                            | -1.49       | -1.76 | N/A                                            | -1.88       | -1.93 | N/A                                            | -0.08                                            | 1.31                             |
|               |            | 6485                   |       | -1.91                                | -2.18 | N/A                                            | -1.52       | -1.99 | N/A                                            | -2.09       | -2.11 | N/A                                            | -0.08                                            | 1.18                             |
|               | 7          | 6525                   |       | -1.77                                | -2.23 | N/A                                            | -1.98       | -2.20 | N/A                                            | -2.05       | -2.51 | N/A                                            | -0.08                                            | 0.94                             |
|               |            | 6685                   |       | -3.17                                | -2.89 | N/A                                            | -3.43       | -2.61 | N/A                                            | -3.60       | -2.93 | N/A                                            | -0.08                                            | -0.07                            |
|               |            | 6845                   |       | -2.88                                | -2.49 | N/A                                            | -3.30       | -2.26 | N/A                                            | -3.38       | -2.69 | N/A                                            | 3.47                                             | 3.80                             |
|               | 8          | 6885                   |       | -3.46                                | -2.55 | N/A                                            | -3.14       | -2.36 | N/A                                            | -3.48       | -3.02 | N/A                                            | 3.47                                             | 3.75                             |
|               |            | 7005                   |       | -2.01                                | -1.64 | N/A                                            | -1.94       | -1.96 | N/A                                            | -2.24       | -2.19 | N/A                                            | 3.47                                             | 4.66                             |
|               |            | 7085                   |       | -1.84                                | -1.72 | N/A                                            | -1.78       | -1.36 | N/A                                            | -1.95       | -1.56 | N/A                                            | 3.47                                             | 4.92                             |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

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7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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 (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                   | 106T  | -0.02                                | -0.34 | N/A                                                           | 0.34        | 0.09  | N/A                                                           | -0.29       | -0.57 | N/A                                                           | 1.60                                                    | 4.83                                    |
|               |            | 6145                   |       | -1.19                                | -1.39 | N/A                                                           | -1.27       | -1.04 | N/A                                                           | -1.89       | -1.33 | N/A                                                           | 1.60                                                    | 3.46                                    |
|               |            | 6385                   |       | -1.88                                | -2.12 | N/A                                                           | -2.29       | -1.59 | N/A                                                           | -2.28       | -2.61 | N/A                                                           | -0.08                                                   | 1.00                                    |
|               | 6          | 6465                   |       | -2.32                                | -2.77 | N/A                                                           | -2.03       | -1.88 | N/A                                                           | -2.27       | -2.68 | N/A                                                           | -0.08                                                   | 0.98                                    |
|               |            | 6545                   |       | -2.02                                | -2.66 | N/A                                                           | -2.13       | -2.61 | N/A                                                           | -3.16       | -2.99 | N/A                                                           | -0.08                                                   | 0.60                                    |
|               | 7          | 6625                   |       | -2.83                                | -3.94 | N/A                                                           | -2.98       | -3.57 | N/A                                                           | -2.87       | -4.13 | N/A                                                           | -0.08                                                   | -0.33                                   |
|               |            | 6705                   |       | -3.40                                | -4.04 | N/A                                                           | -2.54       | -3.78 | N/A                                                           | -2.78       | -4.69 | N/A                                                           | -0.08                                                   | -0.19                                   |
|               |            | 6785                   |       | -2.11                                | -3.07 | N/A                                                           | -1.78       | -2.45 | N/A                                                           | -2.35       | -3.31 | N/A                                                           | -0.08                                                   | 0.83                                    |
|               | 8          | 6865                   |       | -2.54                                | -3.20 | N/A                                                           | -2.36       | -3.24 | N/A                                                           | -2.63       | -4.08 | N/A                                                           | 3.47                                                    | 3.70                                    |
|               |            | 6945                   |       | -1.55                                | -2.28 | N/A                                                           | -1.25       | -2.08 | N/A                                                           | -2.13       | -2.54 | N/A                                                           | 3.47                                                    | 4.84                                    |
|               |            | 7025                   |       | -1.80                                | -2.07 | N/A                                                           | -1.36       | -2.14 | N/A                                                           | -2.43       | -2.67 | N/A                                                           | 3.47                                                    | 4.75                                    |

| 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 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  | -1.29                                | -1.69 | N/A                                                           | -0.18       | -0.08 | N/A                                                           | -0.04       | 0.14  | N/A                                                           | 1.60                                                    | 4.66                                    |
|                      |            | 6185                   |       | -2.83                                | -2.03 | N/A                                                           | -1.33       | -1.52 | N/A                                                           | -1.10       | -1.11 | N/A                                                           | 1.60                                                    | 3.51                                    |
|                      |            | 6345                   |       | -3.74                                | -2.60 | N/A                                                           | -2.43       | -1.24 | N/A                                                           | -1.80       | -1.03 | N/A                                                           | -0.08                                                   | 1.53                                    |
|                      | 6          | 6505                   |       | -3.35                                | -3.51 | N/A                                                           | -2.47       | -2.51 | N/A                                                           | -2.04       | -1.96 | N/A                                                           | -0.08                                                   | 0.93                                    |
|                      | 7          | 6665                   |       | -4.54                                | -4.43 | N/A                                                           | -3.89       | -3.82 | N/A                                                           | -3.11       | -3.21 | N/A                                                           | -0.08                                                   | -0.23                                   |
|                      |            | 6825                   |       | -4.18                                | -3.83 | N/A                                                           | -3.30       | -2.60 | N/A                                                           | -2.53       | -2.70 | N/A                                                           | 3.47                                                    | 3.87                                    |
|                      | 8          | 6985                   |       | -2.76                                | -2.48 | N/A                                                           | -2.11       | -2.22 | N/A                                                           | -1.60       | -1.66 | N/A                                                           | 3.47                                                    | 4.85                                    |

| 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  | -0.24                                | -0.02 | N/A                                                      | -0.51        | -0.08 | N/A                                                      | -2.38        | -2.32 | N/A                                                      | 1.60                                                    | 4.48                                    |
|                      |            | 6185                   |       | -1.37                                | -1.16 | N/A                                                      | -2.04        | -1.48 | N/A                                                      | -3.16        | -3.04 | N/A                                                      | 1.60                                                    | 3.35                                    |
|                      |            | 6345                   |       | -1.45                                | -1.45 | N/A                                                      | -2.22        | -1.72 | N/A                                                      | -3.78        | -2.90 | N/A                                                      | -0.08                                                   | 1.48                                    |
|                      | 6          | 6505                   |       | -2.15                                | -2.13 | N/A                                                      | -2.41        | -2.93 | N/A                                                      | -4.03        | -4.09 | N/A                                                      | -0.08                                                   | 0.79                                    |
|                      | 7          | 6665                   |       | -3.53                                | -3.71 | N/A                                                      | -3.55        | -3.64 | N/A                                                      | -5.12        | -5.32 | N/A                                                      | -0.08                                                   | -0.66                                   |
|                      |            | 6825                   |       | -2.64                                | -2.28 | N/A                                                      | -3.54        | -3.17 | N/A                                                      | -4.73        | -4.73 | N/A                                                      | 3.47                                                    | 4.02                                    |
|                      | 8          | 6985                   |       | -2.07                                | -1.78 | N/A                                                      | -2.37        | -2.28 | N/A                                                      | -3.79        | -3.88 | N/A                                                      | 3.47                                                    | 4.56                                    |

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

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle &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>1.6/10</sup> + 10<sup>1.6/10</sup>)/2] = 1.60dBi

6525MHz: Directional gain = 10 log[(10<sup>-0.5/10</sup> + 10<sup>0.3/10</sup>)/2] = -0.08dBi

7125MHz: Directional gain = 10 log[(10<sup>3.9/10</sup> + 10<sup>3.0/10</sup>)/2] = 3.47dBi

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 or lower 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 (dB)<br><small>10log(1/X)</small><br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE20 | 5          | 5955                   | 242T  | 1.81                                 | 2.01  | 0.119                                                                        | 1.60                                                    | 6.64                                    |
|               |            | 6175                   |       | 2.28                                 | 1.8   | 0.119                                                                        | 1.60                                                    | 6.78                                    |
|               |            | 6415                   |       | 1.65                                 | 1.99  | 0.119                                                                        | -0.08                                                   | 4.87                                    |
|               | 6          | 6435                   |       | 1.21                                 | 1.46  | 0.119                                                                        | -0.08                                                   | 4.39                                    |
|               |            | 6475                   |       | 1.55                                 | 1.58  | 0.119                                                                        | -0.08                                                   | 4.61                                    |
|               |            | 6515                   |       | 1.55                                 | 1.73  | 0.119                                                                        | -0.08                                                   | 4.69                                    |
|               | 7          | 6535                   |       | 0.9                                  | 1.26  | 0.119                                                                        | -0.08                                                   | 4.13                                    |
|               |            | 6695                   |       | 1.83                                 | 1.37  | 0.119                                                                        | -0.08                                                   | 4.66                                    |
|               |            | 6855                   |       | 1.39                                 | 1.39  | 0.119                                                                        | 3.47                                                    | 7.99                                    |
|               | 8          | 6875                   |       | 0.64                                 | 1.19  | 0.119                                                                        | 3.47                                                    | 7.52                                    |
|               |            | 6995                   |       | 0.62                                 | 0.78  | 0.119                                                                        | 3.47                                                    | 7.30                                    |
|               |            | 7115                   |       | -2.92                                | -2.81 | 0.119                                                                        | 3.47                                                    | 3.73                                    |

| 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><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-HE40 | 5          | 5965                   | 242T  | 1.75                                 | 1.14  | 0.119                                                          | 1.55        | 0.86  | 0.119                                                          | 1.60                                                    | 6.19                                    |
|               |            | 6165                   |       | 1.82                                 | 1.27  | 0.119                                                          | 1.76        | 0.69  | 0.119                                                          | 1.60                                                    | 6.28                                    |
|               |            | 6405                   |       | 1.44                                 | 1.18  | 0.119                                                          | 1.31        | 1.49  | 0.119                                                          | -0.08                                                   | 4.45                                    |
|               | 6          | 6445                   |       | 1.21                                 | 0.91  | 0.119                                                          | 0.92        | 0.66  | 0.119                                                          | -0.08                                                   | 4.11                                    |
|               |            | 6485                   |       | 0.68                                 | 0.43  | 0.119                                                          | 0.74        | 1.37  | 0.119                                                          | -0.08                                                   | 4.12                                    |
|               | 7          | 6525                   |       | 0.96                                 | 0.3   | 0.119                                                          | 2.4         | 1.38  | 0.119                                                          | -0.08                                                   | 4.97                                    |
|               |            | 6685                   |       | 1.24                                 | 0     | 0.119                                                          | 0.98        | -0.16 | 0.119                                                          | -0.08                                                   | 3.71                                    |
|               |            | 6845                   |       | 0.96                                 | -0.01 | 0.119                                                          | 1.09        | -0.15 | 0.119                                                          | 3.47                                                    | 7.11                                    |
|               | 8          | 6885                   |       | 0.29                                 | -0.36 | 0.119                                                          | 0.7         | 0.01  | 0.119                                                          | 3.47                                                    | 6.97                                    |
|               |            | 7005                   |       | 0.34                                 | -0.5  | 0.119                                                          | 0.4         | -0.62 | 0.119                                                          | 3.47                                                    | 6.54                                    |
|               |            | 7085                   |       | 1.03                                 | 0.06  | 0.119                                                          | 1.25        | 0.22  | 0.119                                                          | 3.47                                                    | 7.36                                    |

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

2. EIRP limit is 24dBm

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

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2]$  = 1.60dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2]$  = -0.08dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2]$  = 3.47dBi

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 or lower 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  | 2.47                                 | 2.69 | 0.119                                                         | 1.92        | 2.53 | 0.119                                                         | 2.51        | 2.34 | 0.119                                                         | 1.60                                                    | 7.31                                    |
|               |            | 6145                   |       | 2.27                                 | 2.01 | 0.119                                                         | 2.14        | 2.39 | 0.119                                                         | 1.86        | 2.25 | 0.119                                                         | 1.60                                                    | 7.00                                    |
|               |            | 6385                   |       | 2.07                                 | 1.76 | 0.119                                                         | 2.05        | 2.2  | 0.119                                                         | 1.9         | 2.03 | 0.119                                                         | -0.08                                                   | 5.17                                    |
|               | 6          | 6465                   |       | 1.84                                 | 0.96 | 0.119                                                         | 2.58        | 2.32 | 0.119                                                         | 1.33        | 1.4  | 0.119                                                         | -0.08                                                   | 5.50                                    |
|               |            | 6545                   |       | 1.24                                 | 1.53 | 0.119                                                         | 1.94        | 2.65 | 0.119                                                         | 1.69        | 2.21 | 0.119                                                         | -0.08                                                   | 5.36                                    |
|               | 7          | 6625                   |       | 0.51                                 | 1.16 | 0.119                                                         | 0.77        | 1.68 | 0.119                                                         | 0.73        | 1.46 | 0.119                                                         | -0.08                                                   | 4.30                                    |
|               |            | 6705                   |       | 0.86                                 | 1.53 | 0.119                                                         | 1.31        | 1.88 | 0.119                                                         | 0.74        | 1.61 | 0.119                                                         | -0.08                                                   | 4.65                                    |
|               |            | 6785                   |       | 0.56                                 | 1.29 | 0.119                                                         | 0.81        | 1.69 | 0.119                                                         | 0.98        | 1.32 | 0.119                                                         | -0.08                                                   | 4.32                                    |
|               | 8          | 6865                   |       | 0.79                                 | 1.47 | 0.119                                                         | 0.94        | 1.77 | 0.119                                                         | 0.3         | 0.61 | 0.119                                                         | 3.47                                                    | 7.97                                    |
|               |            | 6945                   |       | 0.35                                 | 1.01 | 0.119                                                         | 1.11        | 1.71 | 0.119                                                         | 0.11        | 0.7  | 0.119                                                         | 3.47                                                    | 8.02                                    |
|               |            | 7025                   |       | -0.26                                | 0.69 | 0.119                                                         | 1.15        | 2.12 | 0.119                                                         | 0.07        | 0.97 | 0.119                                                         | 3.47                                                    | 8.26                                    |
|               |            |                        |       |                                      |      |                                                               |             |      |                                                               |             |      |                                                               |                                                         |                                         |

| 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 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  | 1.95                                 | 2.22 | 0.119                                                         | 2.2         | 2.8  | 0.119                                                         | 1.13        | 2.54 | 0.119                                                         | 1.60                                                    | 7.24                                    |
|                      |            | 6185                   |       | 1.41                                 | 2.18 | 0.119                                                         | 2.09        | 2.96 | 0.119                                                         | 1.71        | 1.93 | 0.119                                                         | 1.60                                                    | 7.28                                    |
|                      |            | 6345                   |       | 1.67                                 | 2.5  | 0.119                                                         | 2.05        | 2.58 | 0.119                                                         | 1.63        | 2.33 | 0.119                                                         | -0.08                                                   | 5.37                                    |
|                      | 6          | 6505                   |       | 1.06                                 | 1.68 | 0.119                                                         | 2.37        | 2.59 | 0.119                                                         | 1.44        | 1.36 | 0.119                                                         | -0.08                                                   | 5.53                                    |
|                      | 7          | 6665                   |       | -0.25                                | 1.27 | 0.119                                                         | 0.12        | 1.75 | 0.119                                                         | -0.11       | 2.07 | 0.119                                                         | -0.08                                                   | 4.16                                    |
|                      |            | 6825                   |       | -0.63                                | 1.4  | 0.119                                                         | 0.38        | 1.44 | 0.119                                                         | -0.63       | 1.15 | 0.119                                                         | 3.47                                                    | 7.54                                    |
|                      | 8          | 6985                   |       | -0.76                                | 0.04 | 0.119                                                         | 0.76        | 1.81 | 0.119                                                         | -0.66       | 0.27 | 0.119                                                         | 3.47                                                    | 7.92                                    |

| 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  | 1.7                                  | 2.53 | 0.119                                                     | 1.28         | 2.15 | 0.119                                                     | 1.56         | 2.52 | 0.119                                                     | 1.60                                             | 6.86                             |
|                      |            | 6185                   |       | 1.67                                 | 2.52 | 0.119                                                     | 1.16         | 2.53 | 0.119                                                     | 1.39         | 2.6  | 0.119                                                     | 1.60                                             | 6.85                             |
|                      |            | 6345                   |       | 1.84                                 | 2.05 | 0.119                                                     | 1.25         | 2.21 | 0.119                                                     | 1.84         | 2.7  | 0.119                                                     | -0.08                                            | 5.34                             |
|                      | 6          | 6505                   |       | 1.33                                 | 1.51 | 0.119                                                     | 1.81         | 2.14 | 0.119                                                     | 1.54         | 2.05 | 0.119                                                     | -0.08                                            | 5.03                             |
|                      | 7          | 6665                   |       | -0.44                                | 0.93 | 0.119                                                     | -0.84        | 1.27 | 0.119                                                     | -0.92        | 1.54 | 0.119                                                     | -0.08                                            | 3.53                             |
|                      |            | 6825                   |       | -0.39                                | 1.07 | 0.119                                                     | -0.28        | 1.38 | 0.119                                                     | -0.41        | 0.53 | 0.119                                                     | 3.47                                             | 7.23                             |
|                      | 8          | 6985                   |       | -0.66                                | 0.62 | 0.119                                                     | -0.11        | 1.32 | 0.119                                                     | -0.39        | 0.46 | 0.119                                                     | 3.47                                             | 7.26                             |

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

2. EIRP limit is 24dBm

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

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

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

Directional gain:

5925MHz: Directional gain =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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  | 4.68                                 | 5.4  | N/A                                                            | 1.60                                                    | 9.67                                    |
|               |            | 6165                   |       | 5.02                                 | 5.32 | N/A                                                            | 1.60                                                    | 9.78                                    |
|               |            | 6405                   |       | 4.91                                 | 5.18 | N/A                                                            | -0.08                                                   | 7.98                                    |
|               | 6          | 6445                   |       | 5.1                                  | 5.63 | N/A                                                            | -0.08                                                   | 8.30                                    |
|               |            | 6485                   |       | 5.12                                 | 5.25 | N/A                                                            | -0.08                                                   | 8.12                                    |
|               | 7          | 6525                   |       | 5.29                                 | 5.23 | N/A                                                            | -0.08                                                   | 8.19                                    |
|               |            | 6685                   |       | 4.51                                 | 4.48 | N/A                                                            | -0.08                                                   | 7.43                                    |
|               |            | 6845                   |       | 4.41                                 | 4.34 | N/A                                                            | 3.47                                                    | 10.86                                   |
|               | 8          | 6885                   |       | 4.65                                 | 4.77 | N/A                                                            | 3.47                                                    | 11.19                                   |
|               |            | 7005                   |       | 4.27                                 | 4.02 | N/A                                                            | 3.47                                                    | 10.63                                   |
|               |            | 7085                   |       | 4.73                                 | 4.65 | N/A                                                            | 3.47                                                    | 11.17                                   |

| 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  | 4.9                                  | 5.61 | N/A                                                            | 5           | 4.9  | N/A                                                            | 1.60                                                    | 9.88                                    |
|               |            | 6145                   |       | 5.14                                 | 4.81 | N/A                                                            | 4.84        | 4.76 | N/A                                                            | 1.60                                                    | 9.59                                    |
|               |            | 6385                   |       | 4.87                                 | 4.84 | N/A                                                            | 5.57        | 5.32 | N/A                                                            | -0.08                                                   | 8.38                                    |
|               | 6          | 6465                   |       | 5.13                                 | 4.85 | N/A                                                            | 5.33        | 5.27 | N/A                                                            | -0.08                                                   | 8.23                                    |
|               |            | 6545                   |       | 4.98                                 | 5.64 | N/A                                                            | 4.98        | 5.34 | N/A                                                            | -0.08                                                   | 8.25                                    |
|               | 7          | 6625                   |       | 4.07                                 | 4.07 | N/A                                                            | 3.95        | 4.14 | N/A                                                            | -0.08                                                   | 7.00                                    |
|               |            | 6705                   |       | 3.89                                 | 4.32 | N/A                                                            | 4.07        | 4.42 | N/A                                                            | -0.08                                                   | 7.18                                    |
|               |            | 6785                   |       | 4.08                                 | 4.39 | N/A                                                            | 4.26        | 4.57 | N/A                                                            | -0.08                                                   | 7.35                                    |
|               | 8          | 6865                   |       | 4.06                                 | 4.35 | N/A                                                            | 4.2         | 4.05 | N/A                                                            | 3.47                                                    | 10.69                                   |
|               |            | 6945                   |       | 4.36                                 | 4.15 | N/A                                                            | 3.91        | 4.49 | N/A                                                            | 3.47                                                    | 10.74                                   |
|               |            | 7025                   |       | 3.82                                 | 3.99 | N/A                                                            | 3.94        | 4.4  | N/A                                                            | 3.47                                                    | 10.66                                   |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower 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  | 4.54                                 | 5.21 | N/A                                                    | 4.51        | 5.23 | N/A                                                    | 1.60                                             | 9.50                             |
|                      |            | 6185                   |       | 4.95                                 | 5.22 | N/A                                                    | 4.8         | 5.52 | N/A                                                    | 1.60                                             | 9.79                             |
|                      |            | 6345                   |       | 4.67                                 | 5.12 | N/A                                                    | 5.02        | 5.08 | N/A                                                    | -0.08                                            | 7.98                             |
|                      | 6          | 6505                   |       | 5.04                                 | 4.58 | N/A                                                    | 4.65        | 5.39 | N/A                                                    | -0.08                                            | 7.97                             |
|                      | 7          | 6665                   |       | 3.8                                  | 4.27 | N/A                                                    | 3.6         | 4.13 | N/A                                                    | -0.08                                            | 6.97                             |
|                      |            | 6825                   |       | 3.71                                 | 4.36 | N/A                                                    | 3.16        | 4.72 | N/A                                                    | 3.47                                             | 10.53                            |
|                      | 8          | 6985                   |       | 3.97                                 | 4.35 | N/A                                                    | 3.99        | 4.32 | N/A                                                    | 3.47                                             | 10.64                            |

| Mode                 | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                        |              |      |                                                        | Directional Antenna Gain (dBi) <sup>Note 4</sup> | Max EIRP (dBm) <sup>Note 5</sup> |
|----------------------|------------|------------------------|-------|--------------------------------------|------|--------------------------------------------------------|--------------|------|--------------------------------------------------------|--------------------------------------------------|----------------------------------|
|                      |            |                        |       | RU Index 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  | 4.43                                 | 5.07 | N/A                                                    | 4.62         | 4.78 | N/A                                                    | 1.60                                             | 9.37                             |
|                      |            | 6185                   |       | 4.74                                 | 4.84 | N/A                                                    | 4.8          | 4.78 | N/A                                                    | 1.60                                             | 9.40                             |
|                      |            | 6345                   |       | 3.98                                 | 5.07 | N/A                                                    | 4.83         | 5.02 | N/A                                                    | -0.08                                            | 7.86                             |
|                      | 6          | 6505                   |       | 4.9                                  | 5.6  | N/A                                                    | 4.74         | 5.09 | N/A                                                    | -0.08                                            | 8.19                             |
|                      | 7          | 6665                   |       | 3.49                                 | 4.06 | N/A                                                    | 3.5          | 4.29 | N/A                                                    | -0.08                                            | 6.84                             |
|                      |            | 6825                   |       | 3.82                                 | 4.37 | N/A                                                    | 4.09         | 4.58 | N/A                                                    | 3.47                                             | 10.82                            |
|                      | 8          | 6985                   |       | 3.83                                 | 4.33 | N/A                                                    | 3.76         | 4.7  | N/A                                                    | 3.47                                             | 10.74                            |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2]$  = 1.60dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2]$  = -0.08dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2]$  = 3.47dBi

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 or lower thus other conducted items is exempt.

### Tones: 996T

| Mode          | U-NII Band | Centre Frequency (MHz) | Tones | Average Conducted Output power (dBm) |      |                                                               | Directional Antenna Gain (dBi)<br><small>Note 4</small> | Max EIRP (dBm)<br><small>Note 5</small> |
|---------------|------------|------------------------|-------|--------------------------------------|------|---------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------|
|               |            |                        |       | RU Index 67                          |      |                                                               |                                                         |                                         |
|               |            |                        |       | AUX                                  | Main | Duty Cycle Factor (dB)<br>10log(1/X)<br><small>Note 3</small> |                                                         |                                         |
| 802.11ax-HE80 | 5          | 5985                   | 996T  | 7.06                                 | 6.67 | 0.146                                                         | 1.60                                                    | 11.63                                   |
|               |            | 6145                   |       | 6.99                                 | 5.77 | 0.146                                                         | 1.60                                                    | 11.18                                   |
|               |            | 6385                   |       | 7.19                                 | 6.35 | 0.146                                                         | -0.08                                                   | 9.87                                    |
|               | 6          | 6465                   |       | 7.24                                 | 6.05 | 0.146                                                         | -0.08                                                   | 9.76                                    |
|               |            | 6545                   |       | 7.27                                 | 6.00 | 0.146                                                         | -0.08                                                   | 9.76                                    |
|               |            |                        |       | 7                                    | 6625 | 6.57                                                          | 5.58                                                    | 0.146                                   |
|               | 6705       | 6.35                   |       |                                      | 5.30 | 0.146                                                         | -0.08                                                   | 8.93                                    |
|               |            | 6785                   |       |                                      | 6.15 | 5.25                                                          | 0.146                                                   | -0.08                                   |
|               | 8          |                        |       | 6865                                 | 5.97 | 5.13                                                          | 0.146                                                   | 3.47                                    |
|               |            | 6945                   |       | 5.89                                 | 5.40 | 0.146                                                         | 3.47                                                    | 12.28                                   |
|               |            |                        |       | 7025                                 | 6.58 | 5.55                                                          | 0.146                                                   | 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 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  | 7.02                                 | 6.64 | 0.146                                                          | 6.84         | 6.51 | 0.146                                                          | 1.60                                                    | 11.59                                   |
|                |            | 6185                   |       | 7.03                                 | 6.37 | 0.146                                                          | 7.52         | 6.51 | 0.146                                                          | 1.60                                                    | 11.80                                   |
|                |            | 6345                   |       | 7.41                                 | 6.90 | 0.146                                                          | 7.59         | 6.67 | 0.146                                                          | -0.08                                                   | 10.24                                   |
|                | 6          | 6505                   |       | 7.21                                 | 6.05 | 0.146                                                          | 6.93         | 5.88 | 0.146                                                          | -0.08                                                   | 9.74                                    |
|                | 7          | 6665                   |       | 6.51                                 | 5.48 | 0.146                                                          | 6.19         | 5.55 | 0.146                                                          | -0.08                                                   | 9.10                                    |
|                |            | 6825                   |       | 6.10                                 | 5.54 | 0.146                                                          | 5.94         | 5.30 | 0.146                                                          | 3.47                                                    | 12.46                                   |
|                | 8          | 6985                   |       | 6.10                                 | 5.66 | 0.146                                                          | 5.99         | 5.69 | 0.146                                                          | 3.47                                                    | 12.51                                   |

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 =  $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$  dBi

6525MHz: Directional gain =  $10 \log[(10^{-0.5/10} + 10^{0.3/10})/2] = -0.08$  dBi

7125MHz: Directional gain =  $10 \log[(10^{3.9/10} + 10^{3.0/10})/2] = 3.47$  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 or lower thus other conducted items is exempt.