

## Appendix K-5G Maximum Conducted Output Power

### Test Information:

|                    |             |                     |                       |
|--------------------|-------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 2UIA-7      | <b>Test Date:</b>   | 2025/01/03~2025/02/06 |
| <b>Test Site:</b>  | RF          | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Rainbow Zhu | <b>Test Result:</b> | Pass                  |

### Environmental Conditions:

|                                     |       |                                         |         |                                      |             |
|-------------------------------------|-------|-----------------------------------------|---------|--------------------------------------|-------------|
| <b>Temperature:</b><br><b>(°C):</b> | 45~53 | <b>Relative Humidity:</b><br><b>(%)</b> | 22.3~25 | <b>ATM Pressure:</b><br><b>(kPa)</b> | 101.0~101.1 |
|-------------------------------------|-------|-----------------------------------------|---------|--------------------------------------|-------------|

## Maximum Conducted Output Power

### 5150-5250MHz

| Mode       | Test Frequency (MHz) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|------------|----------------------|---------------------------|-------------|---------|
| 802.11a    | 5180                 | <b>14.59</b>              | 24          | Pass    |
|            | 5200                 | 14.13                     | 24          | Pass    |
|            | 5240                 | 13.79                     | 24          | Pass    |
| 802.11ac20 | 5180                 | 14.06                     | 24          | Pass    |
|            | 5200                 | 14.27                     | 24          | Pass    |
|            | 5240                 | 13.71                     | 24          | Pass    |
| 802.11ac40 | 5190                 | 8.23                      | 24          | Pass    |
|            | 5230                 | 7.69                      | 24          | Pass    |

### 5250-5350MHz

| Mode       | Test Frequency (MHz) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|------------|----------------------|---------------------------|-------------|---------|
| 802.11a    | 5260                 | 12.71                     | 24          | Pass    |
|            | 5280                 | 12.74                     | 24          | Pass    |
|            | 5320                 | <b>13.09</b>              | 24          | Pass    |
| 802.11ac20 | 5260                 | 13.08                     | 24          | Pass    |
|            | 5280                 | 12.85                     | 24          | Pass    |
|            | 5320                 | 12.24                     | 24          | Pass    |
| 802.11ac40 | 5270                 | 8.30                      | 24          | Pass    |
|            | 5310                 | 8.22                      | 24          | Pass    |

### 5470-5725MHz

| Mode       | Test Frequency (MHz) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|------------|----------------------|---------------------------|-------------|---------|
| 802.11a    | 5500                 | 12.10                     | 24          | Pass    |
|            | 5580                 | 11.82                     | 24          | Pass    |
|            | 5700                 | 12.03                     | 24          | Pass    |
|            | 5720                 | 11.94                     | 24          | Pass    |
| 802.11ac20 | 5500                 | 11.91                     | 24          | Pass    |
|            | 5580                 | 11.94                     | 24          | Pass    |
|            | 5700                 | <b>12.17</b>              | 24          | Pass    |
|            | 5720                 | 12.03                     | 24          | Pass    |
| 802.11ac40 | 5510                 | 8.31                      | 24          | Pass    |
|            | 5550                 | 8.35                      | 24          | Pass    |
|            | 5670                 | 7.75                      | 24          | Pass    |
|            | 5710                 | 8.41                      | 24          | Pass    |

### 5725-5850MHz

| Mode       | Test Frequency (MHz) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|------------|----------------------|---------------------------|-------------|---------|
| 802.11a    | 5745                 | 13.64                     | 30          | Pass    |
|            | 5785                 | 13.77                     | 30          | Pass    |
|            | 5825                 | 13.63                     | 30          | Pass    |
| 802.11ac20 | 5745                 | 13.54                     | 30          | Pass    |
|            | 5785                 | 13.27                     | 30          | Pass    |
|            | 5825                 | 13.66                     | 30          | Pass    |
| 802.11ac40 | 5755                 | <b>13.94</b>              | 30          | Pass    |
|            | 5795                 | 13.88                     | 30          | Pass    |