## element

### 7.7.6 MIMO Radiated Band Edge Measurements (80MHz BW - 484T + 242T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:
802.11be

MCSO
92
3 Meters
5985 MHz
7


Plot 7-426. Radiated Lower Band Edge Plot MIMO
(Average - UNII Band 5-484T+242T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:

| 802.11 be |
| :--- |
| MCS0 |
| 91 |
| 3 Meters |
| 7025 MHz |
| 215 |



Plot 7-429. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-484T+242T)

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| :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 1M2312040120-22-R2.C3K | Test Dates: <br> 12/14/2023-05/20/2024 | EUT Type: <br> Portable Computing Device | Page 268 of 274 |

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### 7.7.7 MIMO Radiated Band Edge Measurements (80MHz BW - Full Tone - 996T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:
802.11 be

MCSO
67
3 Meters
5985 MHz
7


Plot 7-430. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 5-996T)


Plot 7-431. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 5-996T)

Worst Case Mode:

| Worst Case Mode: | 802.11be |
| :---: | :---: |
| Worst Case Transfer Rate: | MCSO |
| RU Index | 67 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7025 MHz |
| Channel: | 215 |



Plot 7-432. Radiated Upper Band Edge Plot MIMO
(Average - UNII Band 8 - 996T)


Plot 7-433. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-996T)

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### 7.7.8 MIMO Radiated Band Edge Measurements (160MHz BW - 996T + 484T)

Worst Case Mode:

$$
802.11 \mathrm{be}
$$

Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:

| MCSO |
| :--- |
| 94 |
| 3 Meters |
| 6025 MHz |
| 15 |



Plot 7-434. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 5 - 996T+484T)


Plot 7-436. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 8-996T+484T)


Plot 7-435. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 5-996T+484T)


Plot 7-437. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-996T+484T)

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### 7.7.9 MIMO Radiated Band Edge Measurements (160MHz BW - Full Tone - 2x996T)

Worst Case Mode:
802.11be

Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:

| MCS0 |
| :--- |
| 68 |
| 3 Meters |
| 6025 MHz |
| 15 |



Plot 7-438. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 5 - 2x996T)


Plot 7-439. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 5-2x996T)


Plot 7-440. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 8 - 2x996T)


Plot 7-441. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-2x996T)

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### 7.7.10 MIMO Radiated Band Edge Measurements (320MHz BW - 2x996T+484T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:

| 802.11be |
| :--- |
| MCS0 |
| 01101 |
| 3 Meters |
| 6105 MHz |
| 31 |



Plot 7-442. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 5 - 2x996T+484T)


Plot 7-444. Radiated Upper Band Edge Plot MIMO (Average - UNII Band $8-2 \times 996 T+484 T$ )


Plot 7-443. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 5-2x996T+484T)


Plot 7-445. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-2x996T+484T)

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### 7.7.11 MIMO Radiated Band Edge Measurements (320MHz BW - Full Tone - 4x996T)

Worst Case Mode:
802.11be

Worst Case Transfer Rate:
RU Index
Distance of Measurements:
Operating Frequency:
Channel:

| MCS0 |
| :--- |
| 69 |
| 3 Meters |
| 6105 MHz |
| 31 |



Plot 7-446. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 5-4x996T)


Plot 7-447. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 5-4x996T)


Plot 7-448. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 8 - 4x996T)


Plot 7-449. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 8-4x996T)

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| :--- | :--- | :--- | :--- |
| Test Report S/N: | EUT Type: | Page 273 of 274 |  |
| 1M2312040120-22-R2.C3K | Test Dates: <br> 12/14/2023-05/20/2024 | Portable Computing Device | V9.0 02/01/2019 |

## 8 CONCLUSION

The data collected relate only the item(s) tested and show that the Microsoft Corporation Portable Computing Device FCC ID: C3K2077 / IC: 3048A-2077 is in compliance with Part 15.407 of the FCC rules and RSS-248 of the ISED rules.

| FCC ID: C3K2077 | MEASUREMENT REPORT |  | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: 1M2312040120-22-R2.C3K | $\begin{aligned} & \text { Test Dates: } \\ & 12 / 14 / 2023-05 / 20 / 2024 \end{aligned}$ | EUT Type: <br> Portable Computing Device | Page 274 of 274 |

