

**Manufacturer:** Teko Telecom Srl

**Name:** Oscar Frau

**Product:** TRU67E8AEWM/AC-W1

**Title:** Project Handler

**FCC ID:** XM2-MP67E8AE

**Signature:** 

## MPE limits (§1.1310)

| Mode                | Frequency | Duty Cycle | Power <sup>4</sup> | Antenna           | EIRP <sup>1</sup> | EIRP  | Distance | PD <sup>2</sup>    | PD Limit <sup>3</sup> | Margin | PD/PD Limit |
|---------------------|-----------|------------|--------------------|-------------------|-------------------|-------|----------|--------------------|-----------------------|--------|-------------|
|                     |           |            |                    | Gain <sup>5</sup> |                   |       |          |                    |                       |        |             |
|                     | MHz       | %          | dBm                | dBi               | dBm               | mW    | cm       | mW/cm <sup>2</sup> | mW/cm <sup>2</sup>    | dB     |             |
| LTE B71 / 5G NR n71 | 617.0     | 100        | 33.0               | 14                | 47.00             | 50119 | 100      | 0.4                | 0.4                   | 0.1    | 1.0         |
| LTE B85 / 5G NR n85 | 728.0     | 100        | 33.0               | 14                | 47.00             | 50119 | 100      | 0.4                | 0.5                   | 0.9    | 0.8         |
| LTE B13 / 5G NR n13 | 746.0     | 100        | 33.0               | 14                | 47.00             | 50119 | 100      | 0.4                | 0.5                   | 1.0    | 0.8         |
| LTE B14 / 5G NR n14 | 758.0     | 100        | 33.0               | 14                | 47.00             | 50119 | 100      | 0.4                | 0.5                   | 1.0    | 0.8         |
| LTE B26 / 5G NR n26 | 858.5     | 100        | 33.0               | 14                | 47.00             | 50119 | 100      | 0.4                | 0.6                   | 1.6    | 0.7         |

<sup>1</sup>EIRP = ( Power dBm + Antenna Gain dBi ) + 10 x Log ( Duty Cycle % / 100 )

<sup>2</sup>PD = EIRP / (4xπxD<sup>2</sup>)

<sup>3</sup>CFR 47 Part 1, §1.1310(e), table 1

<sup>4</sup>See FCC ID: XM2-MP67E8AE:

test report n. REP074704, Clause 27.50(c) test results

test report n. REP074705, Clause 27.50(c) test results

test report n. REP074707, Clause 27.50(c) test results

test report n. REP074708, Clause 90.205, 90.542(a)(3), 90.219(e)(1) test results

test report n. REP074709, Clause 90.205 test results

test report n. REP074710, Clause 22.913(a) test results

<sup>5</sup>See User Manual, p.68