

Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = C-Band_ANT 1
- Transmitting frequency = 3700 MHz ~ 3980 MHz
- Min. test separation distance = 3600 mm
- Max. Antenna Gain = 17 dBi
- Max. power with turn-up tolerance = 39.00 dBm = 7943.3 mW

$$S = P G / (4 R^2 \pi) , \text{ mW/cm}^2$$

S = Maximum power density

P = Maximum power with turn-up tolerance

G = Numeric power gain of the antenna

R = Distance from transmitting antenna

$$= 0.244448 \text{ mW/cm}^2$$

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm²

Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = C-Band_ANT 2
- Transmitting frequency = 3700 MHz ~ 3980 MHz
- Min. test separation distance = 3600 mm
- Max. Antenna Gain = 17 dBi
- Max. power with turn-up tolerance = 39.00 dBm = 7943.3 mW

$$S = P G / (4 R^2 \pi) , \text{ mW/cm}^2$$

S = Maximum power density

P = Maximum power with turn-up tolerance

G = Numeric power gain of the antenna

R = Distance from transmitting antenna

$$= 0.244448 \text{ mW/cm}^2$$

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm²

Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = C-Band_MIMO
- Transmitting frequency = 3700 MHz ~ 3980 MHz
- Min. test separation distance = 3600 mm
- Max. Array Antenna Gain = 20 dBi
- Max. power with turn-up tolerance = 42.00 dBm = 15849.0 mW

$$S = P G / (4 R^2 \pi) , \text{ mW/cm}^2$$

S = Maximum power density

P = Maximum power with turn-up tolerance

G = Numeric power gain of the antenna

R = Distance from transmitting antenna

$$= 0.973166 \text{ mW/cm}^2$$

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm²