

Maximum Permissible Exposure(MPE) evaluation

February 5, 2026

- Band = Auction110
- Transmitting frequency = 3450 MHz ~ 3550 MHz
- Min. test separation distance = 5300 mm
- Max. Antenna Gain = 17 dBi
- Max. power with turn-up tolerance = 44.00 dBm = 25118.9 mW

$$S = P G / (4 R^2 \pi) , \text{ mW/cm}^2$$
$$= 0.356647 \text{ mW/cm}^2$$

S = Maximum power density

P = Maximum power with turn-up tolerance

G = Numeric power gain of the antenna

R = Distance from transmitting antenna

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

The limit for maximum permissible exposure = 1.000000 mW/cm²