

RF Exposure / SAR Statement

No. : 24HE0082-HO-3

Applicant : Sony Corporation
Type of Equipment : Wireless LAN Module
Model No. : IRF302U
FCC ID : AK8IRF302U

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the “IRF302U” as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 45.50 mW (Maximum peak output power)
G = 1.58 Numerical Antenna gain; equal 2.00 dBi
r = 20.0 cm

For: IRF302U

S = 0.01435 mW/cm²

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