

RF Exposure / SAR Statement

No. : 25LE0299-HO-1b

Applicant : **Nikon Corporation**
Type of Equipment : **Wireless LAN module**
Model No. : **UJ-087**
FCC ID : **CGJ2142EB**

Nikon Corporation declares that Model : Wireless LAN module complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "UJ-087" 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 = 71.78 mW (Maximum peak output power)
G = 0.91 Numerical Antenna gain; equal -0.40 dBi
r = 20.0 cm

For: UJ-087

$$S = 0.01302 \text{ mW/cm}^2$$

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