

RF Exposure / SAR Statement

No. : 10008145S-A

Applicant : Canon Inc.
Type of Equipment : Wireless LAN Module
Model No. : K30357
FCC ID : AZDK30357

Canon Inc. declares that Model : Wireless LAN Module
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The “K30357” has 161.44 mW of conducted Peak Output power and 207.02 mW of EIRP.
This kind of equipment is below SAR Threshold (KDB447498 D01 v05)
The Following calculation is the reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the “K30357” 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 = 161.44 mW (Maximum peak output power)
G = 1.28 Numerical Antenna gain; equal 1.08 dBi
r = 20.0 cm

For: K30357

$$S = 0.04119 \text{ mW/cm}^2$$

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