

RF Exposure / SAR Statement

No. : 32DE0228-SH-02-A

Applicant : Canon Inc.
Type of Equipment : Wireless Module
Model No. : WM317
FCC ID : AZD317

Canon Inc. declares that Model : Wireless Module
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The “WM317” has 122.46 mW of conducted Peak Output power and 177.01 mW of EIRP.
This equipment is considered as a mobile device so that SAR testing is excluded.
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 “WM317” 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 = 122.46 mW (Maximum peak output power)
G = 1.45 Numerical Antenna gain; equal 1.60 dBi
r = 20.0 cm

For: WM317

$$S = 0.03521 \text{ mW/cm}^2$$

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