

RF Exposure / SAR Statement

No. : 10024497S-A

Applicant : ROHM Co., Ltd.
Type of Equipment : Wireless LAN module
Model No. : BP3591
FCC ID : ANSBP3591

ROHM Co., Ltd. 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 "BP3591" 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 = 167.11 mW (Maximum peak output power)
G = 1.64 Numerical Antenna gain; equal 2.14 dBi
r = 20.0 cm

For: BP3591

S = 0.05442 mW/cm²

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