

RF Exposure / SAR Statement

No. : 25EE0175-HO-1

Applicant : Matsushita Electric Industrial Co., Ltd.
Type of Equipment : Wireless LAN Unit
Model No. : TXANP07VKA1
FCC ID : ACJTXANP07VKA1

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "TXANP07VKA1" 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 = 134.28 mW (Maximum peak output power)
G = 1.45 Numerical Antenna gain; equal 1.60 dBi
r = 20.0 cm

For: TXANP07VKA1

S = 0.03861 mW/cm²

UL Apex Co., Ltd.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124