

RF Exposure / SAR Statement

No. : 24GE0302-HO-1

Applicant : CONTEC CO.,LTD.
Type of Equipment : Wireless LAN Access Point
Model No. : FX-DS540-APDL
FCC ID : PQRDS540-APDL

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "FX-DS540-APDL" 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 = 163.68 mW (Maximum peak output power)
G = 1.58 Numerical Antenna gain; equal 2.00 dBi
r = 20.0 cm

For: FX-DS540-APDL

$$S = 0.05161 \text{ mW/cm}^2$$

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