

## **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**

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### **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/cm<sup>2</sup> 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 mW/cm<sup>2</sup>**

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