

## 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

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

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