

<div> <div>RF Exposure / SAR Statement</div> <div>No. : 26FE0180-HO</div> </div>												
		Applicant	:	CONTEC CO., LTD.								
		Type of Equipment	:	Wireless LAN MiniPCI Card								
		Model No.	:	FX-DS540-MPCI6								
		FCC ID	:	PQRDS540-MPCI6								
<div> <div>CONTEC CO., LTD. declares that Model : Wireless LAN MiniPCI Card</div> <div>complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).</div> </div>												
<div> <div>The “FX-DS540-MPCI6“ has 25.59 mW of conducted Peak Output power and 51.05 mW of EIRP.</div> <div>This kind of equipment is below 60/frequency[GHz] mW(TCB Exclusion List)</div> <div>so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.</div> </div>												
<div> <div>RF Exposure Calculations:</div> <div> <div>The following information provides the minimum separation distance for the highest gain antenna provided with the “FX-DS540-MPCI6“ as calculated</div> <div>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,</div> <div>considering maximum power and antenna gain, and considering a 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:</div> </div> </div>												
<div> <div> <div> <div> <div>S = (P * G) / (4* π * r²)</div> <div>Where</div> <div> <div>P = 25.59 mW (Maximum peak output power)</div> <div>G = 2.00 Numerical Antenna gain; equal to 3.00 dBi</div> <div>r = 20.0 cm</div> </div> </div> <div>For: FX-DS540-MPCI6</div> <div>S = 0.01016 mW/cm²</div> </div> </div> </div>												