



# Angel Medical Systems

April 17, 2006

Federal Communications Commission  
Office of Engineering & Technology  
7435 Oakland Mills Road  
Columbia, MD 21046-1609

Re: FCC ID: THL-000AG101  
Angel Medical Systems  
RF Exposure Compliance  
Correspondence Reference Number: 30624

Dear Sir or Madam:

In accordance with FCC section 2.1093, portable transmitters operating in the Medical Implant Communications Service (MICS) are subject to routine environmental evaluation for RF exposure. The exposure limits set forth in 2.1093 are 0.8W/kg averaged over the entire body and 1.6W/kg as averaged over any 1 gram of tissue. The Angel Medical Systems EXD Controller, when tested in open air, has a maximum EIRP of 18uW and a maximum conducted power of 178uW. If all available power were concentrated on 1 g of tissue, the resulting SAR would be 178uW/g, which is substantially below the limit of 1.6mW/g. Therefore, the Angel Medical Systems EXD Controller complies with the RF exposure limits set forth in FCC section 2.1093.

Respectfully submitted,

Jonathan Harwood  
Vice President, R&D