



Digital Energy  
MDS

175 Science Parkway, Rochester, New York 14620 USA  
(585) 242-9600 Phone  
(585) 242-9620 Fax  
Jan 14th, 2013

**Subject: FCC Narrowbanding support for USA and the Canada**

**Applicant: GE MDS LLC.**  
**Product: MDS SD1**  
**FCC ID: E5MDS-SD1**

Dear Sir/Madam,  
NTS TCB  
41039 Boyce Road  
Fremont, CA. 94538

The SD1 data rate efficiency required per part 90 is in full compliance as described below.

The GE MDS SD1 is a multi-bandwidth mode radio capable of operating in the following modes that meet the FCC's spectral efficiency requirements in §90.203(j)(4)(iv) and §90.203(j)(5) using CPFSK modulation and various modem levels 3 to 7, with a common preamble, timing and deviation.

MODEM 4800F, operates at 4800bps, using a 6.25KHz channel

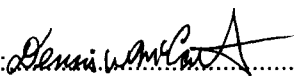
MODEM 9600, operates at 9600bps, using a 12.5KHz channel

MODEM 19200, operates at 19200bps, using a 12.5KHz channel

MODEM 19200, operates at 19200bps, using a 25KHz channel

If you have any queries, please do not hesitate to contact me at 585 242-8440:

Yours truly,

Signed:  ..... Name: Dennis McCarthy .....

Dennis McCarthy  
Agency Compliance Engineer  
GE Digital Energy -MDS  
175 Science Parkway  
Rochester NY 14620  
Phone (585) 242-8440  
Email Dennis.McCarthy2@GE.com