



175 Science Parkway, Rochester, New York 14620 USA
(585) 242-9600 Phone
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Feb 9th, 2011

Subject: FCC Narrowbanding support for Canada and the USA

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

Dear Sir/Madam,
Elliott TCB
684 West Maude Ave.
Sunnyvale, CA. 94085


The SD1 product uses a software programmable control that will be configured by “Country Specific” settings that will lock the channel bandwidths to a maximum of 12.5KHz for the USA and allow 25KHz for Canada shipments. The SD1 data rate efficiency required per part 90 is in full compliance.

Part 90.203(j)(3) states:

Applications for part 90 certification of transmitters designed to operate on frequencies in the 150.8–162.0125 MHz, 173.2–173.4 MHz, and/or 421–512 MHz bands, received on or after February 14, 1997 must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 12.5 kHz of channel bandwidth. Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth

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
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