



GE MDS

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Dec 3rd, 2012

MICOM Labs
440 Boulder Court, Suite 200
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Subject: Part 90 Spectral Efficiency

Product: MDS 4310A digital transceiver
FCC ID: E5M5LL2314

Atten: Gordon Hurst, & Bill Graff

"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 January 1, 2005, must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 6.25 kHz of channel bandwidth.

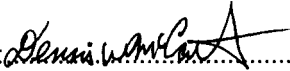
Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth."

The MDS4310A data transceiver operates using 1 channel bandwidth with the modem "over the air" data rate of 12.5KHz channels @ 9600 bps

This letter serves as attestation supporting evidence for spectral efficiency.

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

Yours truly,

Signed:  Name: Dennis McCarthy

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