



GE MDS

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June 15th, 2016

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Subject: Class 2 Permissive Change to the MDS LN400 & LN900 transceivers

Applicant: GE MDS LLC
Product: MDS LN400 & LN900 Transceivers
Model: MDS LN400 & LN900
FCC ID: E5MDS-LN400 & E5MDS-LN900

Dear Sir/Madam,


GE MDS LLC requests a Class 2 Permissive Change to the GE MDS LN400 & LN900 modular transceiver grants. The original FCC grants for **E5MDS-LN400** and **E5MDS-LN900** were for QAM modulation. The change adds FSK modulation supporting 9600bps@12.5kHz BW and 19200@25.0kHz.

LN400 & LN900 transceiver devices employ a digital modulation architecture that enabled the manufacturer to add new modulations via controlled software change. The changes specific to FSK control are localized in the Integrated Modem IC used for both FSK and QAM. The Integrated Modem IC is described in section 4.6.1 of the Theory of Operations.

All FCC emission testing has been completed and passed at NTS labs in May of 2016. Test reports are on file.

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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