



GE MDS

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Jan 10th, 2012

FEDERAL COMMUNICATIONS COMMISSION

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

Subject: C2PC justification changes

Applicant: GE MDS LLC
Product: Data Transceiver MESH2400
Model: MDS MESH2400
FCC ID: E5MDS- MESH2400

Dear Sir/Madam,


The Original FCC granted MESH2400 radio, has had an additional SMT microprocessor with on-board RAM added to support other OEM applications. We also added an additional OMNI antenna with 4dBi higher gain to support greater distance in field use. The RF circuitry is identical and had no changes, the TCXO and associated frequency control circuits did not change.

The software that sets the RF power level on both the MESH and MESHOEM module is restricted to factory setup only. The RF power is not configured by the end user or customer, the RF power is locked for engineering and factory use only. This is set at the factory to a level below that was FCC tested.

The MESHOEM module is not for sale to the general public and designed for other GE division OEM applications for use in their specific GE applications. Full FCC emission testing was performed and passed to support this C2PC. All GE integrators are trained and instructed on the proper antenna and power settings to maintain ERP compliance.

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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