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Federal Communications Commission
7435 Oakland Mills Rd
Columbia, MD 21046

Attn: OET Department

Ref: FCC Single Modular Approval for **FCC ID: 2ATMU-CP-RM001**

Dear Application Examiner,

Cleaveland/Price is requesting an original, limited modular certification on the LineScope™ wireless radio transceiver module (model number CP-RM001). Compliant to FCC OET KDB 558074, we are seeking compliance as a DTS device, even though the module employs both FHSS and digital modulation. The technical reports demonstrate compliance with FCC 47 CFR 15.247. This module also complies with the requirements of 15.212, see 'FCC Modular Approval Letter'.

In its primary application, this module would be used in our LineScope™ Power Quality Monitor. This system employs a radio module on each phase of a power line, with a data collecting radio module at the base station, in order to measure power line characteristics. In the future, this module would only be used in conjunction with yet-to-be developed Cleaveland/Price products.

This module employs a TI CC1101-based Anaren A1101R09A 900 MHz radio module, with some modifications requiring an original certification. In our application(s), it employs MSK modulation, hops at a rate of 60 Hz, transmits at power levels up to +11dBm, and optionally connects to three variations of antennas, depending on application. The antennas include a ½-wave dipole PCB-printed antenna, a circular-polarized patch antenna, and a high-gain (up to +14dBi) Yagi antenna. These configurations satisfy the requirements of FCC 47 CFR 15.203.

Thank you for your efforts in reviewing this application.

Regards,

A handwritten signature in dark ink, appearing to read 'Justin', is written over a horizontal line.

Justin Reinhart
Electrical Engineer
Cleaveland/Price Inc.