Cattron-Theimeg, Inc.
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Reference:

Applicant:	Cattron-Theimeg, Inc.
Equipment:	450-470MHz Low Power Transceiver Device
Model #:	79543 TRX
FCC ID:	CN2 79543
IC ID:	1007A-79543

With regard to the Part 15 requirements for modular approval, Cattron-Theimeg Inc. would make the following observations with regard to the numbered requirements for the RF module: 79543 TRX (FCC ID: CN2 79543, IC ID:1007A-79543).

I. The radio elements must have the radio frequency circuitry shielded. –
Complies, the module has top and bottom shielding covers.

II. The module must have buffered modulation/data inputs.-
The equipment into which this module is installed is exclusively designed and manufactured by and for Cattron-Theimeg Inc, the equipment is of our own design and the data is carefully controlled to maintain FCC compliance.

III. The module must contain power supply regulation on the module.-
The equipment into which this module is installed is exclusively designed and manufactured by and for Cattron-Theimeg Inc. and all have their own regulated and monitored 3.3V supply voltage, excursions of more than +/-10% result in equipment shut down.

IV. The module must contain a permanently-attached antenna, or contain a unique antenna connector, and be marketed or operated only with specific antenna(s)-
The antenna requirements are met by having third party tested the integral and variants of external antennas as part of the FCC submission.

V. The module must demonstrate compliance in a stand-alone configuration.-
The modular transmitter has been tested in the defined stand-alone configuration.

VI. The module must be labeled with its permanently fixed FCC ID label, or use an electronic display.-
The Labeling requirements of the modular approvals will be followed, as previously stated the module is only incorporated into Cattron-Theimeg Inc. equipment, the label will be installed on the outside of the equipment into which it is incorporated.

VII. Operating parameters are controlled within system requirements specifications, these define the specific voltage tolerance, data rate, deviation and Duty Cycle.
Further with regard to Duty Cycle, this is limited to no more than 25%

VIII. RF exposure limits are maintained by,
a) Limiting power to 16mW and Duty Cycle to 25%
b) Posting warnings in the operations manual to warn of the possible harmful effects of human exposure to radiation.