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Federal Communications Commission
Authorization and Evaluation Division

Modular Approval Request for FCC ID: TNE-430LMA1

Pursuant to Document DA-00-1407, this applicant is requesting modular approval on the TNE-430LMA1. All requirements are addressed below for equipment authorization.

1. Transmitter emissions comply with Part 15 limits without requiring a shield.
2. All module inputs are supplied through data buffers from discrete ICs or microprocessor.
3. Power supplies must conform to the specifications in section 3 of the 433 MHz TeleRange RF Module Users Manual. Maximum voltage must not exceed 3.6 V.
4. Antennas must be permanently attached using directly soldered PCB antennas or reverse polarity SMA connectors. PCB traces to antennas are not to exceed $\frac{1}{4}$ " in length.
5. The module was tested in stand-alone configuration at RETLIF Testing Laboratories.
6. The outside of the device into which the module is installed will display a label referring to the enclosed module. The ID is TNE-430LMA1 for the 433 MHz module.
7. Instructions for compliance with specific rules or operating requirements are provided in the 433 MHz TeleRange RF Module Users Manual.
8. Transmitted power is well below RF exposure requirements. The maximum output power at the CC1020 RF_OUT pin is 10 dBm.

Compliance with one or more of the Part 15 Unlicensed Modular Transmitter Approval numbered requirements cannot be demonstrated. Therefore, a "Limited Modular Approval" (LMA) is being sought. The Grantee (Magnetek) demonstrates that it will retain control over the final installation of the device, such that compliance of the end product is assured, by means of the 433 MHz TeleRange RF Module Users Manual. Conformance with these documents must be met to apply the module.

Sincerely,

Richard J. Reitz
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Corporate Laboratory Manager