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RE: FCC Correspondence 10461 regarding WaveRider Communications EUM3004 (FCC ID: 00X-EUM3004).

This document provides responses to the request for information in FCC correspondence 10461 regarding the WaveRider EUM3004 (FCC ID: 00X-EUM3004).

1. Internal photographs of the WaveRider diversity antenna are attached with this document.
2. Justification of professional installation of outdoor antennas is as follows:

1) Marketing

The EUM3004, the internal antenna, and WaveRider approved outdoor antennas are only sold to dealers.

2) Requirement for Professional Installation

The EUM3004 is supplied in all cases with a proprietary connector. When installed with the WaveRider internal diversity antenna, the installation does not require Professional installation, since there is no possibility of exceeding the certified power limits.

However, when supplied with external antenna, a jumper connector is provided to convert for the WaveRider proprietary connector to outdoor qualified antennas. Professional Installation is required to ensure that all local safety and building codes are met for external antenna installation, and to ensure that the jumper cable is not used with an uncertified antenna.

WaveRider certified dealers are trained to be able to determine the cases for which internal antenna configurations can be used (not requiring Professional Installation) and when their selected Professional Installation personnel must go on-site with the appropriate cables and antennas.

3) Application

The EUM3004 with the internal diversity antenna is intended for use and installation by the general public. The EUM3004 (when using outdoor antennas) is intended to be installed to commercial standards.