



07 Sep, 2012

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

RE: Professional Installation Requirement for Exalt Communications Inc.  
Radio Module (FCC ID: TTM-1Ø5P25T)

Dear Sirs/Madam,

This document is provided to describe the need for the products containing the subject radio to be professionally installed, and, as such, are exempt from the antenna restrictions of FCC Part 15.203.

### **Use**

The products are fixed permanent or temporary indoor or outdoor point-to-point microwave radio used for joining industrial and commercial locations to connect voice (TDM) and/or data (Ethernet) circuits. The products are mounted in a telecommunications rack or environmental cabinet, and the associated antennas are mounted on towers or specifically-constructed antenna masts on buildings or other structures.

### **Installation**

The engineering and installation of fixed microwave systems requires specific expertise in microwave transmission planning and engineering, antenna installation, antenna alignment, grounding, lightning protection, transmission line installation and site construction. Furthermore, the connection of TDM circuits requires specific expertise in the area of telecommunications configuration.

The Installation and Maintenance Manual specifically states that the products must be professionally installed, and provides the details for proper output power setting in accordance to the antenna and transmission system deployed. Output power setting may only be accessed by the system administrator, and not by the user.

### **Marketing**

Exalt sells the products through an exclusive group of telecommunications distributors who are chosen by and under contract to Exalt Communications. These distributors sell to Value Added Resellers and Telecommunications

companies that are specifically qualified in the area of fixed microwave engineering and installation, and Exalt monitors the sale of every system. These systems are not marketed and sold to the general public, not sold in retail outlets or by mail order.

Customers will purchase the antennas and transmission system from these same distributors. A list of acceptable antennas is listed in the Installation and Maintenance Manual.

If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in purple ink, appearing to read 'C. Amarena', with a horizontal line underneath and a small mark at the end.

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