



# **TELETRONICS**

## **INTERNATIONAL INC.**

### **Corporate Headquarters**

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April 14, 2003

To: Katie Hawkins  
Federal Communications Commission

Re: FCC ID: MFMSAMP24S  
Applicant: Teletronics International Inc  
Correspondence Reference Number: 7419  
731 Confirmation Number: TC544731  
Date of Original Email: 03/26/2003

The intended use of FCC ID: MFMSAMP24S is not for the general public. It is sold to distributors, System Integrators, Wireless ISPs and overseas customers.

It can only be installed by a licensed professional with the required training that includes knowledge of the FCC rules and regulations, including the restricted channels, required distances between the system and personnel.

In addition, the use and installation of MFMSAMP24S amplifiers requires the knowledge of RF and microwave technology for the following reasons.

1. These bi-directional amplifiers will not trigger unless a particular threshold is met. This signal level varies with cable length and type (e.g. RG316, RG58, LMR400, LMR600 etc). Thus the installer has to calculate the cable loss at 2.4GHz frequency for the particular type of cable being used.
2. The amplifiers are required to have proper grounding to ensure the lightning protections.
3. These outdoor amplifiers are mounted with the antenna pole or mast which itself requires correct polarization (horizontal or vertical). A thorough knowledge of antenna polarization is integral part of amplifier installation.

Sincerely,

Nusrat Jamal  
COO

### **Asian Branch Office:**

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