



1196 Borregas Ave., Sunnyvale, CA 94089-1302, USA
Tel: +1 (408) 542-5200, Fax: +1 (408) 542-5300

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

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RE: Response to FCC Requests
Correspondence Reference Numbers: 14067
FCC IDs: HZB-S24-04
Form 731 Confirmation Numbers: EA96697

Attn: Joe Dichoso

Dear Mr. Dichoso:

This is in response to your request 14067 regarding the application of HZB-S24-04 product.

1. Please find in the following table detailed information of some antennas we recommend as examples. Since there are numerous antenna manufacturers and product models in the market, this is only a partial list.

Antenna Type	Manufacturer	Model Number	Mid-band Gain (dBi)
2 foot Parabolic	Gabriel Electronics	SSP2-23	20.7
3 foot Parabolic	Gabriel Electronics	SSG3-23A	23.9
4 foot Parabolic	Andrew	FP4-23D	26.5
4 foot Parabolic	Gabriel Electronics	SSG4-23A	26.7
6 foot Parabolic	Andrew	FP6-23D	30.4
6 foot Parabolic	Gabriel Electronics	SSG6-23A	30.1
8 foot Parabolic	Andrew	FP8-23D	32.7
8 foot Parabolic	Gabriel Electronics	SSG8-23	32.6

2. Please find the attached manual page for a more specific description of the point-to-point applications.

I hope I have addressed your concerns. Please contact the undersigned should there be any further questions.

Yours truly

A handwritten signature in black ink, appearing to read "Caroline Yu".

Caroline Yu
International Product Manager
Western Multiplex Corporation

1 How to Use This Manual

1.1 Manual Organization

The Installation and Maintenance Manual provides information required to install and maintain the LYNX.sc and to use its many features to the fullest advantage. This manual is divided into the following sections:

Section 1	Provides instructions on how to most effectively utilize the information in this manual.
Section 2	Provides a brief description and specifications of the LYNX.sc.
Section 3	Explains the LYNX.sc installation and adjustments in detail.
Section 4	Provides maintenance, repair and troubleshooting information for the LYNX.sc Spread Spectrum radios.
Appendices	Charts and diagrams are provided for radio connections and DIP switch settings along with other general information.



This device must be professionally installed. Instructions on setting the transmitter RF output power are contained in Section 3 of this Manual.



This device is to be used exclusively for fixed point-to-point operation that employs directional antennas. Fixed point-to-point operations exclude the use of point-to-multi-point antennas, omni-directional antennas and multiple co-located transmitters transmitting the same information.