

Mr. Errol Chang  
Federal Communications Commission  
Equipment Authorization Division,  
Application Processing Branch  
6435 Oakland Mills Road  
Columbia, MD 21046

**REFERENCE NUMBER: 5876**

Dear Mr. Chang:

This letter is in response to your FAX inquiry dated February 4, 1999 concerning our Class 2 permissive change application to add a new antenna, described below, to FCC ID: IMKAP2-1121. I have included with this letter the following items:

Your Fax request for information  
Antenna Specification Sheet  
Photographs of the Antenna

In the original application there should have been a package of information that justified the use of a standard N connector with this antenna in its intended application. I trust you have reviewed it and found our justification to be satisfactory.

Please let me know if you require additional information.

Sincerely,

R. Sam Wismer  
RF Approvals Engineer  
LXE, Inc.

FEDERAL COMMUNICATIONS COMMISSION  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD 21046

February 3, 1999

LXE Inc.  
125 Technology Parkway  
Norcross, GA. 30092-9200

Attention: Sam Wismer

Re: Application dated November 3, 1998 and received November 4, 1998  
Equipment Class: DSS-Spread Spectrum Transmitter  
Applicant Name: Proxim Inc  
FCC ID: IMKAP2-1121

Gentlemen:

The information listed below or on the attachment to this letter must be submitted before processing can proceed. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) of the Commission's Rules and forfeiture of the filing fee pursuant to Section 1.1108,

P104SO provide a photograph and technical details of **the** antenna.

Importation and marketing of equipment bearing the referenced identification is prohibited until such time as a Grant of Equipment Authorization has been issued. Failure to comply with the provisions of Section 2.903 of the Rules may subject you to the penalties provided in Sections 501 and 502 of the Communications Act of 1934, as amended,

To avoid further processing delays, please Attach a copy of this letter to your reply and address it to **the** attention of the undersigned.

Replies to this letter **MUST** contain the Reference Number: 5876

Sincerely,

Errol Chang  
Electronics Engineer  
Applications Processing Branch

# TERRACE™

## Bi-Directional Antenna

The **Xertex Terrace, Model 245BD5W-NF12, bi-directional antenna** utilizes a patent-pending Low-profile design to provide coverage in long hallways without the unappealing aesthetic nature of traditional "stick" ceiling antennas. This antenna performs outstandingly in healthcare and office environments.

The **Terrace antenna** is particularly useful in WLL subscriber applications that require a medium gain antenna to access two cell sites. Typical applications include wireless local loop, in-building wireless (voice and data), WLAN, DECT, WPBX, and PHS.

**Model: 245BD5W-NF12**

Element Type	Air-Loaded Patch
Frequency Range	2400-2500 MHz
Gain	5.0dBi
Polarization	Linear
H-Plane	60°
E-Plane	60°
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	1.8:1
Connector	Customer Choice
Size	2.73"x2.52"x0.8"
Radome Material	ABS
Operating Temperature	-40° to +75° C
Storage Temperature	-40° to +75° C
Model Numbers	
With N-type connector	245BD5W-NF12
With SMA (male)	245BD5W-SM12

