

FCC Part 15 Subpart C

Frequency Spread Spectrum Transmitter

Class 2 Permissive Change Test Report

Appendix B

Antenna Specifications

Manufacturer: LXE, Inc.

Model: 480628-4096 radio card

Variants: ♦ **480628-4096 radio card with
158586-0001 Integrated
Antenna**
♦ **480628-4096 radio card with
158399-001 Integrated Antenna**

FCC ID: KDZ480628-4096

LXE Project Number: 02-100

MX4 ANTENNA

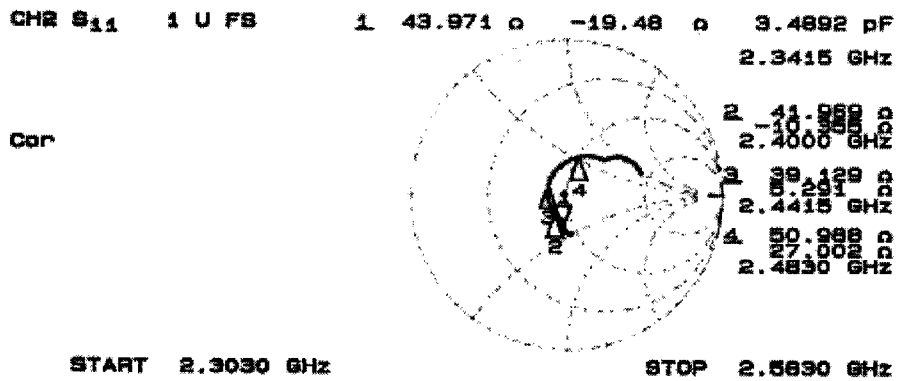
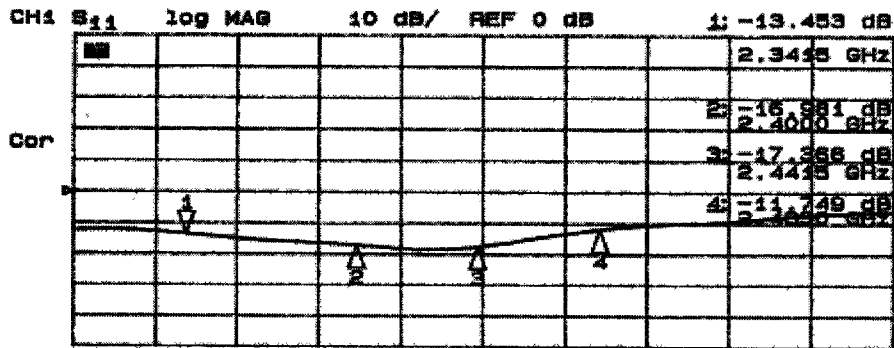
Specifications:

Part Number	158586-0001
Operating Frequency	2.4 GHz to 2.483 GHz
Impedance	50 Ω
Gain	0 dBi
Polarization	Linear

1. Specifications:

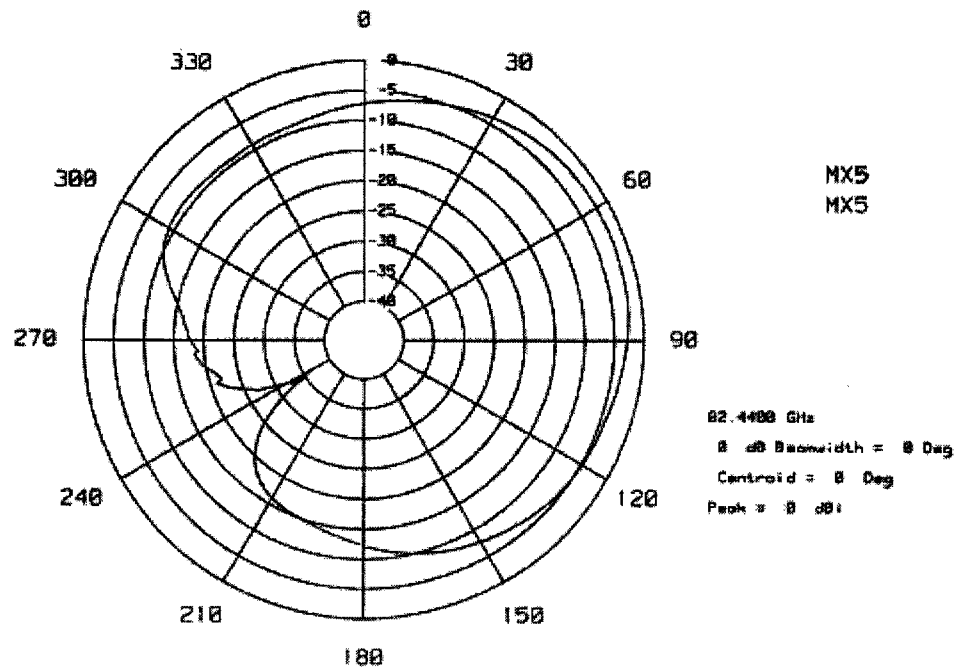
Part Number	158399-0001
Operating Frequency	2.4 GHz to 2.483 GHz
Impedance	50 Ω
Gain	0 dBi
Polarization	Linear

2. Return Loss and Smith Chart:



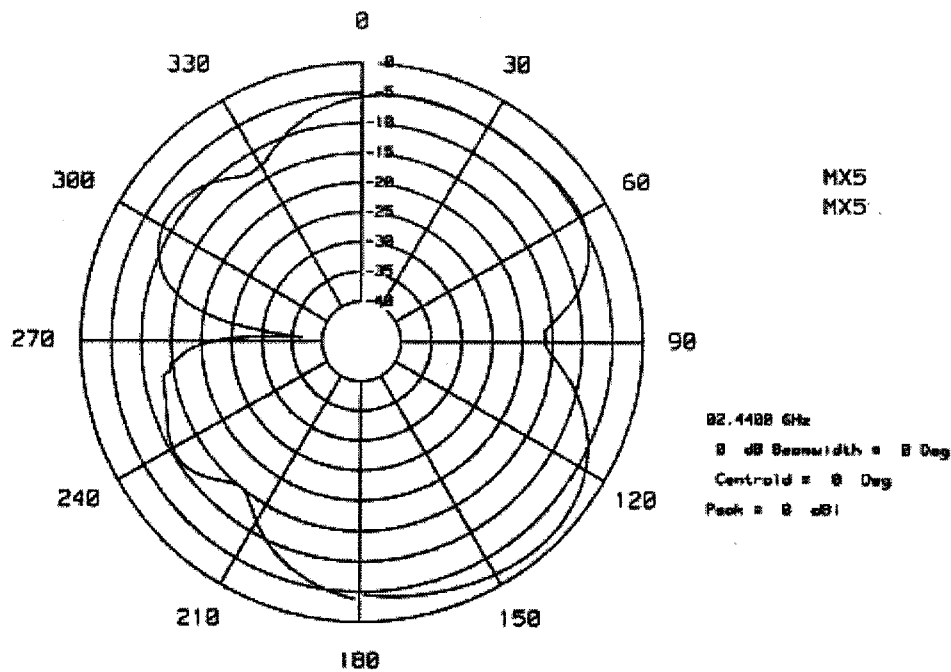
3. Radiation Patterns:

3.1 Azimuth:



25 Mar 2003 10:27:10

3.2 Elevation:



25 Mar 2003 10:39:10