Operational Description

1 FCC 15.203 ANTENNA REQUIREMENTS

The antenna uses a reverse polarity SMA connector that is not readily available to the public. Therefore, it meets the 15.203 Requirement.

The approved antenna for this device are two Wieson part numbers: Y111E024-002 and GY111E024-002.

2 GENERAL DESCRIPTION

The EUT is a router with an 802.11b/g/n radio, comprising a MAC/Baseband Processor, ADC/DAC, 2x2 MIMO radio transceiver, and antenna connectors that can be inserted into a type IIIb PCI connector to provide 802.11b/g/n compliant wireless access to an Access Point, Router, or PC.

WESTELL

User Guide   *UltraLine Series3 Router*

I. PRODUCT DESCRIPTION

The Westell® UltraLine® Series3 Router is designed to deliver today's most exciting broadband services to and throughout your home. Built around a state-of-the-art, dual-core network processor, this versatile product helps ensure that data and services reach your connected home devices without interruption or delay. The Router allows you to transfer data over your existing in-home coax cables and simultaneously supports both "wired" and "wireless" connection options. This flexibility allows for the connection of a wide range of network enabled devices such as desktop computers, laptop computers, digital media players, and network attached storage (NAS) units.

Hereafter, the Westell® UltraLine® Series3 Router will be referred to as the "Router."

Key Features:

- VDSL2 WAN Interface
- Ethernet WAN Interface
- Optional Multimedia over Coax (MoCA) LAN interface
- 4-Port 10/100 BaseT Ethernet LAN switch
- Integrated 802.11b/g Access Point (802.11n Optional)
- Embedded Stateful Firewall
- IP Quality of Service
- IGMP Proxy Functionality