

Frequencies for Point-to-Multipoint Wireless Systems (UNII and MMDS)

Document ID: 5115

Contents

Introduction

Prerequisites

Requirements

Components Used

Conventions

UNII Frequency Bands

MMDS Frequency Bands (United States Only)

Related Information

Introduction

This document lists the available frequencies you can configure on the Headend (uBR7200) for the Point-to-Multipoint (P2MP) product in the Unlicensed National Information Infrastructure (UNII) and Microwave Multipoint Distribution System (MMDS) bands. The purpose is to provide a quick reference sheet that shows all available frequencies.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Wireless networks
- Command-line usage

In order to perform the tasks in this document, you must have privileged EXEC ("enabled") access on the router.

Components Used

The information in this document is based on these software and hardware versions:

- The uBR7223, uBR7246, uBR7246VXR products
- Any version of Cisco IOS® software that supports Fixed Wireless P2MP

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

UNII Frequency Bands

BAND A

Low - 5730000, 5733000, 5736000, 5739000, 5742000, 5745000, 5748000

High - 5778000, 5781000, 5784000, 5787000, 5790000, 5793000, 5796000

BAND B

Low - 5754000, 5757000, 5760000, 5763000, 5766000, 5769000, 5772000

High - 5802000, 5805000, 5808000, 5811000, 5814000, 5817000, 5820000

MMDS Frequency Bands (United States Only)

2503000, 2509000, 2515000, 2521000, 2527000, 2533000, 2539000, 2545000,
2551000, 2557000, 2563000, 2569000, 2575000, 2581000, 2587000, 2593000,
2599000, 2605000, 2611000, 2617000, 2623000, 2629000, 2635000, 2641000,
2647000, 2653000, 2659000, 2665000, 2671000, 2677000, 2683000

Note: Determine what band plan the duplexor supports, because this dictates which of these frequencies you can use.

Related Information

- [Wireless Products Support Page](#)
- [Wireless Technology Support Page](#)
- [Technical Support & Documentation – Cisco Systems](#)

[Contacts & Feedback](#) | [Help](#) | [Site Map](#)

© 2014 – 2015 Cisco Systems, Inc. All rights reserved. [Terms & Conditions](#) | [Privacy Statement](#) | [Cookie Policy](#) | [Trademarks of Cisco Systems, Inc.](#)

Updated: Dec 09, 2005

Document ID: 5115
