



Cambium Networks

March, 2017

FCCID: Z8H89FT0009

Request for Permissive change

Gentlemen,

In accordance with the rules in CFR47 Part 90z, Cambium Networks is requesting a grant of Authorization to allow operation in the band between 3650MHz and 3700MHz.

We are requesting a class 2 permissive change to add Un-restricted operation up to 40MHz channel bandwidths.

The PMP450SM is part of the fixed outdoor point to multipoint system, while the PTP450BH system is a Fixed outdoor point to point system. Each 3GHz radio is configurable for channel bandwidth, R.F. channel center frequency, and modulation. We attest that we can detect like and unlike signals across the entire 50MHz band. Our official software version 14.3 is for 3.65GHz operation 15.0 allows operation with previously granted PMP450 and PTP450 devices. 15.1.x is the official release for all Canopy PMP 450 and PTP450 products enabling 40MHz for 3GHz. The .x is for bug fixes.

These devices are setup by professional installers not end users. We attest this radio is US region locked and cannot be changed for operation outside of the grant parameters. The default configuration does not transmit until a professional installer properly logs in and configures the output power and center frequency. End Users may not change the setup parameters and do not have access.

In support of this request, test reports are submitted in this application to demonstrate compliance to the rules: We have demonstrated compliance at DLS a nationally recognized U.S. test lab.

Sincerely,

Steven M. Payne
Principle Staff Engineer
Cambium Networks

