



Cambium Networks

December, 2013

FCCID: Z8H89FT0005

S.D.R. Request for Class III permissive change

Gentlemen,

In accordance with permissive change rules in CFR47 Section 2.1043 (b) (3), Cambium Networks is requesting a Class III permissive change to allow operation in the UNII band between 5250MHz and 5350MHz for 20MHz and 40MHz Channels. We are also requesting operation of 40MHz Bandwidth channels from 5470MHz and 5600MHz and 5650MHz to 5725MHz for our ePMP system under CFR Title 47 Part15 subpart E section 15.407. The ePMP system is a fixed outdoor software defined radio configurable for channel bandwidth, R.F. channel center frequency, and modulation. We attest that no deliberate transmissions will occur between 5600MHz and 5650MHz; our official software version 1.1 does not allow these channels to be set by the professional installer nor end user. Version 1.0 was only to enable 5725MHz to 5850MHz in the DTS band. Software Version 1.4 will have these Frequencies available.

Note: No changes have been made to Software, Distribution and Security (SDS) architecture. Versions 1.2 and 1.3 are for bug fixes and flexible scheduler operation.

In support of this request, test reports are submitted in this application to demonstrate compliance to the rules: We have demonstrated compliance at nationally recognized test labs with a 16dBi integrated antenna. Further we attest that per KDB594280, production units for U.S. customers and installations do not permit region or country selection.

Sincerely,

Steven M. Payne
R.F. Principal Staff Engineer