



Cambium Networks

August 1st, 2016

To whom it may concern,

Cambium Networks is requesting Elite Engineering (TCB), file a class 3 permissive change, seeking pre approval guidance for existing equipment authorization with the FCC regarding FCC ID: Z8H89FT0020. This is a fixed outdoor transceiver previously operating between 5150MHz to 5250MHz, or 5725MHz to 5850MHz bands. The radio has been tested with a 17dBi sector array, dual polarized transmit antenna. Additionally tested with a 6dBi single polarized transmit/receive antenna configuration. There is a secondary 17dBi receive only beam steering antenna for interference mitigation.

The ePMP2000 radio is a software defined radio working with Official Cambium version 3.0 software and later. Version 3.0 enables the 5150MHz to 5250MHz, or 5725 to 5850MHz outdoor bands for the FCC locked region.

The software change is the additions of the DFS bands 5250MHz to 5350MHz and 5470MHz to 5725MHz. The official release will be version 3.0.1 and later to include DFS band operation.

Note: DFS bands are only certified for the 17dBi antenna configuration.

Professional installers set the output power, frequency and antenna gain parameters within grant limits.

Sincerely,

Steven M. Payne
R.F. Principle Staff Engineer