

New England Amateur Radio  
Festival, Inc.  
PO Box 73,  
Hartford VT 05047-0073.

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th St. S.W., Room TW-A306  
Washington DC 20554

To: The Commissioners of the Federal Communications Commission:

RE: RM-11715 filed by Mimosa Networks, Inc.,.

We strongly oppose the Mimosa Networks, Inc., proposal to use the 10.0 to 10.5 GHz Band for Wireless Internet Broadband Services as detailed in RM-11715. Additionally, I totally support and endorse the comments filed on April 9th 2014 by Dale Clement, AF1T, of Henniker, NH, who is a well-known and respected experimenter on the 10.0 - 10.5 GHz band with many years experience and expertise.

Use of the band for fixed or mobile wireless broadband would be contrary to the international Table of Frequency Allocations and would introduce a new sharing consideration that is not anticipated in the preparatory work being done for World Radiocommunication Conference 2015 (WRC-15).

Mimosa Network's proposed power limit of +55 dBW EIRP (316 kiloWatts EIRP) is very high, particularly for point-to-multipoint operations, certainly much more than most Amateur operators and experimenters use. For example, a typical weak-signal SSB/CW station might generate + 33 dBW EIRP (1 watt into a 2 ft. diameter dish). Some low-power FM stations are even weaker, and may generate less than 0 dBW EIRP (10 milliwatts into a 17 dBi horn antenna).

Exacerbating this situation, no proposal has been made by Mimosa Networks to ensure that harmful interference to amateur operations does not occur and this causes me great concern since they propose to share this spectrum allocation with amateur radio operations which, as noted above, uses much less power and is far more susceptible to interference as a consequence.

I respectfully ask that you deny the Mimosa Network's Petition for proposed use of the 10 GHz Band.

Michael Crestohl, W1RC

Marblehead Massachusetts.