



Central Coast Internet

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December 21, 2012

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

re: WT Docket No. 11-49 in Subject line

Dear Ms. Dortch,

Central Coast Internet is a small business providing fixed-wireless Internet access to the rural areas of San Benito County, CA. We use the 2.4 GHz and 5.8GHz unlicensed microwave bands to provide this service. There are many parts of our service area that contain dense foliage that do not work well within these bands. We have purchased Ubiquiti 900 MHz equipment so that we can service these wooded areas. The characteristics of the unlicensed 900 MHz spectrum allows us to provide service to subscribers who cannot have a direct line of sight to our microwave access points. Our waiting list for this service is over 300 homes and businesses who have requested service. Their only alternative in these areas is Satellite or dial-up. Satellite has too much latency to allow many of the most popular applications to work. This includes VoIP, real-time access/control and most VPNs for telecommuters. Dial-up is too slow to be a viable way to access the Internet. We are planning deployment of this equipment in February of 2013. The 900 MHz band allows us to provide service to subscribers that otherwise would be unable to have satisfactory Internet access.

Central Coast Internet is a member of WISPA (the Wireless Internet Service Providers Association) and has become aware of the joint test report that WISPA and Progeny prepared and submitted to the FCC. (a copy is attached for your convenience.) Reading this report, it is clear that the Progeny system causes an unacceptable level of interference which is impossible to mitigate with cross-polarization or other techniques.

With consumer and business demand for higher and higher Internet speeds, it is difficult to provide service with diminishing usable bandwidth. With the Progeny equipment removing usable channels, we will have increased difficulty designing network infrastructure to provide service to our customers. The costs associated with adding additional access points to avoid Progeny's unacceptable level of interference may make it financially impossible to service our customers in many rural areas.

Respectfully,

George L. Fendler
Owner, Central Coast Internet