

From: Murari Srinivasan

To: Jose Trevino

Date: March 05, 2010

Subject: FCC file number 0088-EX-PL-2010

Message:

March 5, 2010

Dear Mr. Trevino,

Thank you for your timely consideration of FCC file number 0088-EX-PL-2010 and your email dated 3/3/2010. SpiderCloud Wireless engineering submits the following responses:

Response to 1.)

The intended laboratory experimental installation will be low-power radio nodes, or femtocell basestations, which are in the final stages of development prior to certification and marketing. They are of similar size and construction as Wi-Fi access points and will be mounted on the walls or ceiling inside the SpiderCloud office building. These radio nodes will be connected via Ethernet cable to a controller which will provision and manage the radio nodes and route IP packets, either voice or high speed data, to the intended destination.

The operations to be conducted are primarily the verification and debugging of the femtocell basestation functions under development, including cell-to-cell handover, femtocell sizing and coverage within the building, as well as voice quality and data integrity over the wireless network.

The mobile devices in the test are not under development at SpiderCloud, but will be purchased 100mW modules such as the Huawei UMG181 USB device (FCC ID: QISE181) listed in our submission.

Response to 2.)

We will change the request to a 24-month experimental license. Should we amend the online submission or will this correspondence suffice?

Response to 3.)

Generally we plan to have 6 to 12 femtocells operating at any one time with several associated mobiles roaming from one femtocell to another to test handover functionality as well as other normal cellular operation. We plan to test up to 16 mobiles on a femtocell. However, we will limit the total number of transmitters at any one time to a maximum of 50 units. Should we amend the submission to show a total of 50 transmitters maximum?

Respectfully,
Donald Sloan
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