

From: Robert Rhinehart

To: Behnam Ghaffari

Date: August 15, 2012

Subject: FCC File No. 0421-EX-PL-2012

Message:

Hello Behnam,

We will be adding gaussian filtering and ensure the portable devices will meet strict out of band emissions requirements so as not to interfere or consume appreciable amounts of bandwidth. EIRP per portable device should never need to exceed 100mW, though this number could be even lower. We will always transmit at the minimum required power to establish communication.

We would like to have 200 portable devices on our network in order to develop and ensure the scalability and robustness of the failure-tolerant mesh routing protocol we are developing. More devices provides more and more useful data for our experiments and development. If necessary though we would be perfectly willing to work with the FCC to establish an optimum number of nodes allowed. Keep in mind the nodes would be transmitting sparingly at low data rates.

Thank you,
Rob Rhinehart