

From: Robert Koch

To: Anthony Serafini

Date: July 30, 2012

Subject:

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Message:

Please provide a more detailed description of your requested operations.

We are requesting license to radiate in the 700MHz band class 14. The operations we will be conducting are limited to verification testing of vendor provided communications equipment. This will include a single access node location with three antennas (as described in the application), and up to 10 user equipment transceivers (more commonly 2-3 will be used). Initially we will verify the data sheet performance of the access node equipment and user equipment conducting benchmark testing within a 1 km radius of the fixed access node location. This will involve measuring data throughput, and latency in different signal environments. We will also use the system and license to make field strength measurements to be correlated with data throughput performance for further verification of system performance. Other possible uses for the system are verification testing of developmental hardware that integrates our electronics with vendor provided user equipment more and customer demonstration of system capabilities.