

### **NARRATIVE STATEMENT**

By this application, Bosch Telecom, Inc., is seeking authorization to test prototype radio equipment employing Internet Protocol (IP) over the air on an experimental basis.

Bosch Telecom plans to use WIN-100 transmitters supplied by WinNet MCS, Inc. The millimeter-wave transceivers are fully synthesized and can be controlled locally or remotely to operate on designated channel pairs within the band requested. The data rate over the radio link is 110 Mbps, and the modulation technique used is 4-16 QAM with modulation content consisting of Fast Ethernet packets, with a modulating signal of 27.5 megabauds per second (per channel). The transceivers will require 50 MHz of bandwidth. Directional FCC class-A compliant antennas will be used. The design of the transceiver will meet all applicable Part 101 requirements.

Bosch Telecom would advise entities receiving the equipment that permission to operate the equipment has been granted under experimental authority issued to Bosch Telecom, that such operation is strictly temporary, and that the equipment may not cause harmful interference. Accordingly, Bosch Telecom proposes to label the equipment or user information as follows:

#### **FCC STATEMENT**

Permission to operate this device has been granted under experimental authority issued by the Federal Communications Commission to Bosch Telecom, Inc., is strictly temporary and may be cancelled at any time. Operation is subject to the condition that it not cause harmful interference. This device has not been approved by the FCC and is not, and may not be, offered for sale or sold until the approval of the FCC has been obtained. Thus, the user does not hold a property right in the device and may be required to return the device.

Bosch Telecom recognizes that the proposed operation must not cause harmful interference to authorized facilities. It therefore will coordinate its activities with all licensed users in the proposed band. Should such interference occur, Bosch Telecom will take reasonable steps to resolve the interference, including, if necessary, arranging for the discontinuance of operation.

The primary emission designator will be D9W. Other emission modes may be utilized, but in no event will the emissions extend beyond the frequency band requested.

Bosch Telecom submits that grant of this application is in the public interest, convenience, and necessity as it will permit Bosch Telecom to simulate real-world operation of its services. As such, Bosch Telecom will be able to ensure its products are designed to accommodate consumer needs.