

Electronic Systems Division
Raytheon Company
27500-30000 MHz
31000-31300 MHz
Exhibit 2 to FCC Form 442

NARRATIVE STATEMENT

The Electronic Systems Division of Raytheon Company ("Raytheon") is developing wideband high-speed digital telecommunication systems operating in the 17.3-40 GHz frequency range of use in future low earth orbit (LEO) satellite and stratospheric telecommunication systems. By this application, Raytheon is seeking authorization to test system operation in the 27.5-30.0 and 31.0-31.3 GHz range for the continental United States.

Raytheon 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, Raytheon will take reasonable steps to resolve the interference, including, if necessary, arranging for the discontinuance of operation.

The equipment is capable of station identification pursuant to Section 5.115 of the Commission's Rules and will be labeled as follows:

FCC STATEMENT

Permission to operate this device has been granted under experimental authority issued by the Federal Communication Commission to Raytheon Company is strictly temporary and may be canceled 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.

Raytheon submits this grant of this application is in the public interest, convenience, and necessity, as it will help Raytheon in developing advanced telecommunication systems.