

TCB Questions in black text.

Applicant answers in red text.

ATCB: The photo of the equipment label appears to state a transmit frequency of 5900 MHz to 6200 MHz. The application is for operation at 5805 MHz and 5835 MHz. Please explain.

Aviat: The FCC ID label shows the layout and format of the FCC ID appearing on the device. The label location photo is an example of where our label will appear on one of our devices. At the time of photographing, the exact label and device combination was not available so another device was used as a 'model' for indication of label location.

ATCB: The label containing the FCC ID must be permanently affixed to the device and not removable. From the photos it looks like the FCC ID label could be paper. Please explain the label and explain how it meets the requirements.

Aviat: It is a plasticized label. We never use paper labels.

ATCB: The modulation options listed in test report are 32QAM, 64QAM, 128QAM and 256QAM. The user manual references QPSK and 16QAM. Please explain.

Aviat: All options currently available in software have been tested. New options will be released at a later date. Another test program is planned for late 2010/early 2011 to address new functionality.

ATCB: The antenna documentation states a maximum gain of 45.8 dBi but your application states a maximum of 46.8 dBi. Please explain.

Aviat: 46.8 dBi is the absolute maximum gain of the antenna at any frequency. 45.8 dBi is the maximum gain at either of the frequencies we will use. To ensure compliance, we have stated the worst case (highest) gain on our documentation.

ATCB: FCC Part 15.247(c)(1)(iii) states that the user manual must inform the installer that the device must not be used in a point-to-multipoint configuration. Your manual does not contain the statement. Please clarify if a point-to-multipoint configuration is possible with this device.

Aviat: There is no physical way for IRU600 to be used for point-to-multipoint. The architecture only supports point-to-point. That could not be changed.

FCC KDB inquiry tracking numbers associated with this application:

333022

856524