



June 03, 2005

Curtis-Straus LLC
Certification Department
527 Great Road
Littleton, MA 01460

Re: FCC Part 15 Certification for Adaptive Instruments Corp. (FCC ID: QQN16363)

Adaptive Instruments Corp. is submitting an application for a Full Modular Approval for our Product Model 16363 wireless transmitter. As per Public Notice DA00-1407, the following steps have been taken to insure that 16363 (referred to below as "the module") meets the FCC requirements for a modular approval.

1. The module has its own RF shielding that covers the entire RF circuitry.
2. The module has buffered data input. The data from the connector goes to the on-board microcontroller which sends out the modulation data to the RF circuitry in a precise timed manner.
3. The module has its own 2.8 V linear voltage regulator. The module is designed to accept DC power from 3.3V to 5.0V.
4. The antenna connector on the module is a reverse polarity SMA connector. The list of approved antennas are provided in the manual. Reverse polarity style antennas are connected to the module through an adapter cable supplied by Adaptive Instruments Corp. This cable consist of a RP SMA and a RP TNC coaxial cable.
5. The module was tested for Conducted RF test on DC power lines.
6. The module has a label that displays the FCC ID. The enclosure of the product that uses this module also must have a label referring to the enclosed module. This is shown in the User Manual.
7. The module has an on-board microcontroller which controls the operation of the RF transmitter to meet the FCC 15.247 as described in the Functional Description. The module must only be used with the specified antennas that are listed in the manual.
8. The module complies with FCC 15.247 as shown in Curtis-Straus Report ED0026-1 and as approved for FCC ID: QQN16363.

Best Regards,

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