

---

**From:** "Michael Buchholz" <mbuchholz@curtis-straus.com>  
**To:** "Curtis-Straus Certification Dept." <certification@curtis-straus.com>  
**Sent:** Monday, February 03, 2003 4:25 PM  
**Attach:** QQN16363 - Technical Report.PDF  
**Subject:** Re: Adaptive Instruments FCC ID: QQN16363

Please find my responses below.

----- Original Message -----

**From:** [Curtis-Straus Certification Dept.](#)  
**To:** [Mike Buchholz](#)  
**Sent:** Monday, February 03, 2003 2:01 PM  
**Subject:** Adaptive Instruments FCC ID: QQN16363

Hi Mike,

Our reviewers have identified the following issues:

1. Please supply a signed and dated version of the test report.

**A corrected version of the report is attached.**

2. Please define the nominal voltage.

**Manufacturer's declared nominal voltage is 4.0V (-15% = 3.4V, +15% = 4.6V).**

3. It appears that cables were not connect to all the ports on the module. Please define how this module would be installed in a device.

**This module is for use only in Adaptive Instruments products, therefore we are applying for a limited modular approval. There are no cables attached to this module other than DC power. The connection to the host product is made through connectors J3 and/or J8 as described in the manual. This a mothercard/daughtercard connection. No cables are used. The remaining connector ports are for setup or diagnostic use only.**

4. Please provide details how the module was configured, including what input signals were provided.

**The module was configured with a special firmware which allowed it to operate without a connection to any other device (other than DC power). Through the attached keypad, modulation, output channel, data rate and hopping was set as required.**

5. What was meant by line conducted results were performed on the DC side of the DC supply? Line conducted is an AC test. Please justify why the conducted measurements were taken on the DC line.

**The AC Line Conducted Emissions test was performed on the DC input of the product in order to more closely determine the emissions from the product. This helps to eliminate any artificial filtering that our testing supply might provide that would not be there in an actual installation. The appropriate test methods and limits from ANSI C63.4 and FCC 47 CFR Part 15 were used and the LISN was calibrated for use**

For future applications please supply the block diagram as a separate exhibit.

Best regards

Barry C. Quinlan  
Certification Manager

Curtis-Straus TCB