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FAX TRANSMISSION

This fax consists of __3__ pages (including this cover page).

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FROM: **Don Hume**

DATE: **March 8, 2000**

RE: FCC ID: HCQ3B6RTA
Correspondence Reference Number: 11387
Subject: Response to Information Request

1. The Block diagram is for the FA-223 transmitter is attached and marked as "Addendum Figure A".

2-A. Compliance with section 15.203 is assured through the use of a printed antenna. There is no provision for an external antenna.

2-B. Compliance with section 15.247(a)(1) is demonstrated with a second test sample configured with firmware to accomplish pseudorandom hopping on all channels. The original measurement was meant to show the occupied bandwidth of a single packet. In normal operation (standard firmware) the 25 channels are spread over the occupied band. The test firmware performs hopping only on three frequencies near the low end, middle, and high end of the occupied band to allow for the continuous operation needed to perform the peak search in the radiated test. "Addendum Figure B" shows packets on two channels.

2-C. Compliance with section 15.247 (a)(1)(i) is shown in "Addendum Figure C". The standard message consists of a single packet, 26.6 mSec in duration, and is sent on one frequency. Each packet transmitted advances the pseudorandom sequence to assure all channels are utilized, on average, equally. The plot marked shows the band occupied by the

transmitter over repeated transmissions. A special set-up was used to allow for continuously repeated packets on all of the channels in the sequence.

2-D. The power output of the test sample was measured on the bench by removing a component to disable the internal antenna. The output of the transmitter was +7 dBm (5mW) measured into 50 ohms.

3. The hopping sequence is shown as "Addendum Figure D".