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FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: FCC Certification Authorization Application under FCC PART 15, Subpart C, Section 15.247 - Frequency Hopping Spread Spectrum Transmitters operating in the frequency band 2402 - 2478 MHz.

Applicant: Digital Recorders, Inc.
Product: Wireless Data Transfer Option
Model No.: PX3
FCC ID: HC8-901-1700-000

Dear Sir/Madam

As appointed agent for Digital Recorders, Inc., we would like to submit the application to the Federal Communications Commission for certification of the above product. Please review all necessary files uploaded to FCC OET site for detailed information. There are two test reports uploaded for this application, AeroComm Test Report and PX3 Test Report. Please refer AeroComm Test Report for Hopping Channel Frequency Characteristics (section 6.6 and 6.7) and Spurious Emissions – Conducted (section 6.10). All other applicable tests will be in PX3 Test Report.

The above product incorporates an AeroComm 2.4 GHz FHSS Transceiver Module (FCC ID: KQL-PKLR2400-200). The incorporated radio is identical in design and construction to the original except without its enclosure shield and the external antenna used is a Maxrad Low profile – Vertical antenna (model MLPV1700, Frequency Range: 1700-2500MHz, Gain: 4dBi).

• **Compliance with RF Exposure Requirements:**

This radio transmitter is intended for use with a mobile or base system. Therefore, it shall comply with FCC 2.1091 with the minimum RF safety distance of 32 cm. The antenna required to be professionally installed as specified in section 3-1 of the Manual.

If you have any queries, please do not hesitate to contact us.

Yours truly,

Tri Minh Luu, P. Eng.,
V.P., Engineering