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FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: FCC Certification Authorization Application for Class II
Permissive Change under FCC PART 15, Subpart C, Section
15.247 - Frequency Hopping Spread Spectrum Transmitters
Operating in the Frequency Band 902.2 - 927.8 MHz.

Product: TransNet
Model No.: EL805
FCC ID: E5MDS-EL805

Dear Sir/Madam

As appointed agent for Microwave Data Systems 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 website for detailed information.

This Class II Permissive Change pertains to the following:

- (1) Different chassis: original grant was for metallic enclosure; this application is to include the new plastic enclosure with the same physical dimension as the original.
- (2) Addition of new antennas: 900 MHz Omnidirectional Fiberglass Base Station Antenna Series with antenna gain ranging from Unity to 5dBd or 7.15dBi (see section 3.6 of the Test Report for detailed antennas specifications). These antennas will be used with a minimum of 1dB cable loss for antenna gain less than < 5 dBd and 1.2 dB cable loss for 5 dBd.

The Test Report submitted contains the Peak Output Power, Radiated Emissions and MPE evaluation. Worst-case test configuration was performed with the highest antenna gain of 5dBd for compliance with FCC Rules.

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

Yours truly,



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