



**RADIOFRAME™**  
N E T W O R K S

Federal Communications Commission  
Authorization & Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046  
Attention: Equipment Authorization Branch

March 24, 2006

Subject: Certification for FCC ID: PURMCRB10

Gentlemen;  
Radioframe Networks, Inc requests a Grant of Certification (Type Acceptance)  
for the above mentioned FCC Identifier.

This base station transceiver, Model Number: MCRB, is designed for use in the MC Series 850 and 900 MHz ESMR telecommunications system. The base station operates in the 850 and 900 MHz ESMR Cellular services as per 47 CFR Part 90 Subpart I. The transmitter will operate from 851.0125 - 868.9875 MHz and 935.01875 to 939.98125 (center frequency to center frequency). The receiver circuit supports 806.0125 to 823.9875 MHz and 896.01875 to 900.98125 (center frequency to center frequency). This transceiver will in normal mode operate at a nominal output peak power of 20 mW per channel at the antenna connector. The radio supports the 800 and 900 MHz iDEN air interface standard. It utilizes quadrature modulation techniques. The radio will only be used as a subassembly in Radioframe Networks™ MC Series Base Station. The MC Series Base Stations are professionally installed at fixed locations. Up to 24 channels can be operated in each MC Series Base Station. The EUT can be configured with Omni or Sector antennas. The technical report and exhibits demonstrate compliance with FCC rules 47 CFR 90.691.

If additional information is needed, please contact me on the below listed number.

Sincerely,

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