



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

January 24, 2005

Subject: Certification for FCC ID: PURMC SERIES10

Gentlemen;

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

This base station transceiver is designed for use in the MC Series 850 MHz ESMR telecommunications system. The base station operates in the 850 MHz ESMR Cellular services as per 47 CFR Part 90 Subpart I. The transmitter will operate from 851.0125 - 868.9875 MHz (center frequency to center frequency). The receiver circuit supports 806.0125 to 823.9875 MHz (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 800MHz 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 radios can be installed 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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