

Information about the Applicant

Company Name	Radioframe Networks, Inc.
Grantee	Steve Peters
Address	9461 Willows Road
City, State, Zip	Redmond, WA 98052
Job Number	RAFN0062
Model	MC Series Mid-Power
FCC ID	PURMCSERIESMP
Approval Type	Original
Equipment Class	TNB Licensed Non-Broadcast Station Transmitter
Rule Part	90

Industry Canada Information

Model	
Industry Canada ID	
Rule Part	

Overview

RadioFrame Networks™ is submitting this application for the certification of the MC Series Mid-Power Base Station, FCC ID: PURMCSERIESMP. 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 1 W per channel at the antenna connector. The radio supports the 800 and 900 MHz iDEN air interface standard. It utilizes quadrature modulation techniques. The MC Series Base Stations are professionally installed at fixed locations. Up to 36 channels can be operated in each MC Series Base Station. The EUT can only be configured with Sectorized antennas. The technical report and exhibits demonstrate compliance with FCC rules 47 CFR 90.691.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature


Dean Ghizzone, TCB Committee
9/25/2006