

APPLICANT:  
Ericsson Inc.

2.1033 (1-2)(4-8)  
FCC ID Number:  
AXAKRC12106-1

DESCRIPTION

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2.1033 (c)

(1) Manufacturer: Ericsson Inc.  
1 Mountain View Road  
Lynchburg VA 24502

Applicant: Ericsson Inc.  
Darin Hatcher  
7001 Development Drive  
Research Triangle Park, NC 27709

(2) FCC Identifier: AXAKRC12106-1

(4) Type of Emissions: 40K0FXW, 40K0F1D. This transmitter is for use in the Personal Communications Service (CFR title 47 part 24 Subpart E). There are 1,997 channels available with a channel spacing of 30 kHz. For each channel there are 3 time slots available, each containing digital speech or data.

(5) Frequency Range: 1930 to 1990 MHz.

(6) Range of operating power: The TRX output is 40.8 dBm (12.02 Watts) to 20.8 dBm (.120 watts).  
The operating power is 34.0 dBm (2.5 W) to 14.0 dBm (.025 W) per carrier for the 2 antenna configuration.  
and  
The operating power is 37.2 dBm (5.2 W) to 17.2 dBm (.052 W) per carrier for the 4 antenna configuration.  
The output power is Digitally controlled in .2 dB steps (+20 to 0 dB).

(7) Maximum Power Rating: 40.8 dBm (12.02 W) per channel (TRX alone)  
37.2 dBm (5.2 Watts) per channel (4 Antenna Configuration)  
34.0 dBm (2.5 W) per channel (2 Antenna Configuration)

(8) DC Voltage and Current: Final Amplifier Voltage and Current.

Output Power:	.120W	12.02W
Voltage (DC):	26.4	26.4
Current (Amps):	0.6	8.0