

EXHIBIT M: RF EXPOSURE INFORMATION
[15.247(B4),1.307(B1),2.1093(C,D)]



Engineering Analysis of

Direct Sequence Spread Spectrum Transceiver
Model MI4800B

FCC ID: LDK102039

To

Federal Communications Commission

Part 1.1310 Radio Frequency Exposure Limits,

Part 2.1093 RF Exposure Evaluation: Portable Devices,

&

OET 65 Supplement C

05/03/00

This analysis was done per the requirements of Part 15.247(b4) of the FCC rules as part of the FCC certification requirements for spread spectrum devices.

The Aironet radio modules are designed for a maximum transmit output power of 100mW (+20dBm) and all calculations were based on that power. The test sample evaluated measured a transmit output power of approximately 18dBm.

The unit is designed as a portable hand-held transmitter. This device will be utilized in the general population / uncontrolled areas.

This category of devices are evaluated with respect to SAR limits for RF exposure. The applicable limit is 1.6W/Kg as averaged over any one gram of cube tissue. This limit is the 'partial-body' limit for uncontrolled exposure areas.

A sample unit of model MI-4800B was sent to the University of Utah for SAR evaluation. This evaluation took place under the direction of professor Dr. Om Gandhi.

The results of this SAR evaluation are:

at +15dBm the SAR is .047W/Kg

at +18dBm the SAR is .162W/Kg

Dr. Gandhi's report can be sent when it is available.