

FCC1.1310 Radiated Exposure Limits

As part of the requirement conditions of FCC Section 15.247(b)(4) relating to radiated exposure limits, the following is submitted for determination of compliance.

It has been determined that the device is characterized as a mobile transmitter per definition of FCC Section 2.1091(b). FCC Section 2.1091(d) provides the guidance on evaluating the conformity requirements of this device. The device use is for general population/uncontrolled environments. Per FCC Section 2.1091(d)(2), time-averaging may not be used to determine typical exposure levels as defined in FCC Section 1.1310.

Under the provisions of the TCB RF Exposure Procedures dated 12 June 2000, Section F addresses the conditions for evaluation of devices operating with a separation distance of at least 20 cm from all persons. This section applies to this device. As such, it is found that in the frequency band of 2.4 GHz, which this device is utilizing, the peak output power must not exceed 200 mW, which is 23 dBm.

The devices antenna port measurements were found to be 8 dBm. The antenna gain is characterized as 2.1 dBi. This would make the transmit output levels 10.1 dBm EIRP which falls well below the levels specified above.