

RF exposure compliance statement

The maximum RF power output from the LRB-1 module is 4 dBm or about 1 milliwatt. The module is designed to use a simple antenna with a nominal gain of 0 dBi as the radiating element.

The SAR limit would not be exceeded, even if the entire RF power output were absorbed by 1 gram of tissue, which is not possible with a typical RF circuit. With a separating distance of 20 cm the MPE limits are well above the potential a 1 milliwatt device is capable of producing. This has been shown by measurement results according to standard MPE tests, which are still on noise level for an active LRB-1 module.

Depending on the product that the module is used with, the final device could be subject to routine evaluation for RF exposure, either SAR limits or MPE limits.