RF exposure compliance statement

The maximum RF power output from the LRB-1 Bluetooth Tranceiver Component is 0 dBm or about 1 milliwatt. The Bluetooth Tranceiver Component 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 seperating 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 Bluetooth Tranceiver Component. The MPE test was conducted for information only, since at an EIRP of 0,813 mW max. for the tested Bluetooth Tranceiver Component.

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