

RF Exposure Evaluation for standalone operations only

447498 D01 General RF Exposure Guidance v05r01

This equipment is an external plug in card for an iPhone or iPod Touch host device. The equipment does not have any provision for simultaneous transmissions with the host device and qualifies for standalone SAR exclusion analysis under section 4.3.1 of 447498 D01 General RF Exposure Guidance v05r01. Because the enclosure is made of plastic (Macrolon 2805, Lexan HF1110 WH) it is not expected to add any degradation to the previously certified host device SAR.

Transmitter output power

Minimum 0.44 mW, -3.6 dBm

Nominal 0.88 mW, -0.6 dBm

Maximum 1.86 mW, +2.7 dBm

447498 4.3.1 Standalone SAR test exclusion analysis

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] [\sqrt{f(\text{GHz})}] = (1.86 / 5) \times \sqrt{2.48} = 0.59 < 3 \text{ for 1-g SAR}$$

Per 5.2.2 of 447498 standalone SAR test Exclusion of section 4.3.1 applies and no SAR test is required or highest *reported* 1-g SAR is ≤ 0.4 W/kg, modules and peripheral transmitters may be approved to operate in qualified portable host exposure conditions with no restriction for most host platform configurations.

This transmitter is approved for use in a portable exposure host platform for standalone operations only.