

FCC ID: HCQ3B6OT9RTA
IC ID: 2309A-ETRТА2

EN1223

RF Exposure Information:

SAR Test Exclusion Threshold – The transmitter has a maximum duty cycle of 40% which is controlled by software; it cannot transmit continuously or at a faster rate. The calculation for the SAR exclusion threshold is:

$$[.40 \text{ (Duty Cycle)}] \cdot [(max. \text{ power of channel}) / (min. \text{ test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

The measured power for the transmitter is 19.3 mW. The minimum distance from any radiating element and the user is 5mm. Under these conditions, the threshold calculation is:

$$0.40 \times \frac{19.3mW}{5mm} \times \sqrt{.928} = 1.49$$

This is below the threshold for requiring SAR testing.