




Exhibit: RF Exposure – FCC

FCC ID: LW3-CLIK64TR

Report File #: 7169011268R-000

Client	Active Secure Inc.	
Product	CLIK64-T	
Standard(s)	FCC Part 15 Subpart 15.231 FCC KDB 447498 v06	

RF Exposure – FCC

The device is intended for use with extremities (hands) and the minimum separation distance from the radiating structure to any part of the body or extremity of a user is 6mm as stated by the manufacturer during normal operation.

General SAR test exclusion guidance:

As per FCC KDB 447498 Section 4.3.1 a), the 10-g extremity SAR Test Exclusion Threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm is determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] [\sqrt{f_{(\text{GHz})}}] \leq 7.5$$

Where:

$f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz

SAR Calculations: 433.92 MHz OOK transmitter

The maximum isotropically radiated power (e.i.r.p.) was measured to be 82.8dBuV/m or 0.0572mW. At a separation distance of 6mm, this equates to:

$$[0.0572 \text{ mW} / 6 \text{ mm}] * [\sqrt{0.43392 \text{ GHz}}] = 0.00628 \leq 7.5$$

SAR Exclusion Threshold condition is met with peak radiated output power.