

EXHIBIT B

(FCC Ref. 2.1033(b)(4))

"Description of Circuit Functions"

## CRK76AH1 CIRCUIT DESCRIPTION

The CRK76AH1 is a hand held, battery operated, combination infrared/RF universal remote control used with the RCA Lyra Wireless audio system, television receivers, VCRs and DVD players.

The CRK76AH1 system blocks consist of a keyboard matrix, microprocessor, LED IR transmitter, and 308.5 MHz RF transmitter. Depressing a button of the keyboard matrix causes the microprocessor to generate modulation data for transmission over either the IR link or the RF link. DC power, control and modulation data are sent from the main board to the RF transmitter board. The RF transmitter consists of a phase-locked oscillator whose output is applied to a class C pulse modulated RF power amplifier. The pulse modulated output from the power amplifier is applied to an impedance matching lowpass filter network which matches the amplifier output impedance to that of an internal monopole antenna.