

APPLICANT: OMEGA RESEARCH AND DEVELOPMENT  
FCC ID: L2MK9310

RULES:2.1033 (b) (4) CIRCUIT DESCRIPTION

This unit is a low power security transmitter. The oscillator is a LC lumped element oscillator made up of C2, VC, L,L2, and Q1. The inductor is printed on the printed circuit board. The digital codes are generated by manually pushing on the keys of the device which cause integrated circuit IC1 (HCS200) to be activated. The codes modulate the RF carrier at the base of Q1. The unit is completely self contained and is powered by a 12 Volt battery. The calculations for duty cycle are shown else where in the report and is 43.8%.

ANTENNA AND GROUND:

This unit uses a printed circuit board inductor as the antenna. There is no provision for an external antenna.

OMEGA RESEARCH & DEVELOPMENT, INC.  
FCC ID: L2MK9310  
JOB #: 213U0  
EXHIBIT #: 15