

TAIYO KOGYO CO., LTD.  
FCC ID: AEKA21927  
EXHIBIT #: 11

#### Circuit Description for Taiyo Kogyo Co., LTD. AEKA21927

Q2 is the crystal oscillator. This feeds the RF amp Q3. L3, L4, and C7 through C9 are the harmonic suppression and antenna matching network. IC 1 supplies the modulation which is base modulated onto the base of Q3. Energy is supplied by a 9V primary cell battery and regulated down to 5.1 Volts by Zener diode D11.

This unit uses a fixed antenna of a 6 inch long spring wire. No external ground is available and the only ground is that of the printed circuit board.