EXHIBIT E
Block Diagram

27MHz MOUSE TRANSMITTER DIAGRAM

27.12 +/- 0.162 MHz

<0 dBm

MATCH

PA

MODULATOR

4800 baud

<0 dBm

27.12 +/- 0.162 MHz

PLL

VCO

Ref LO

10.24 MHz

MCU

CHANNEL KEY

BAT.LOW

Z-AXIS

Y-AXIS

X-AXIS

wireless mouse + keyboard system define by Panny Tam

2001/7/31
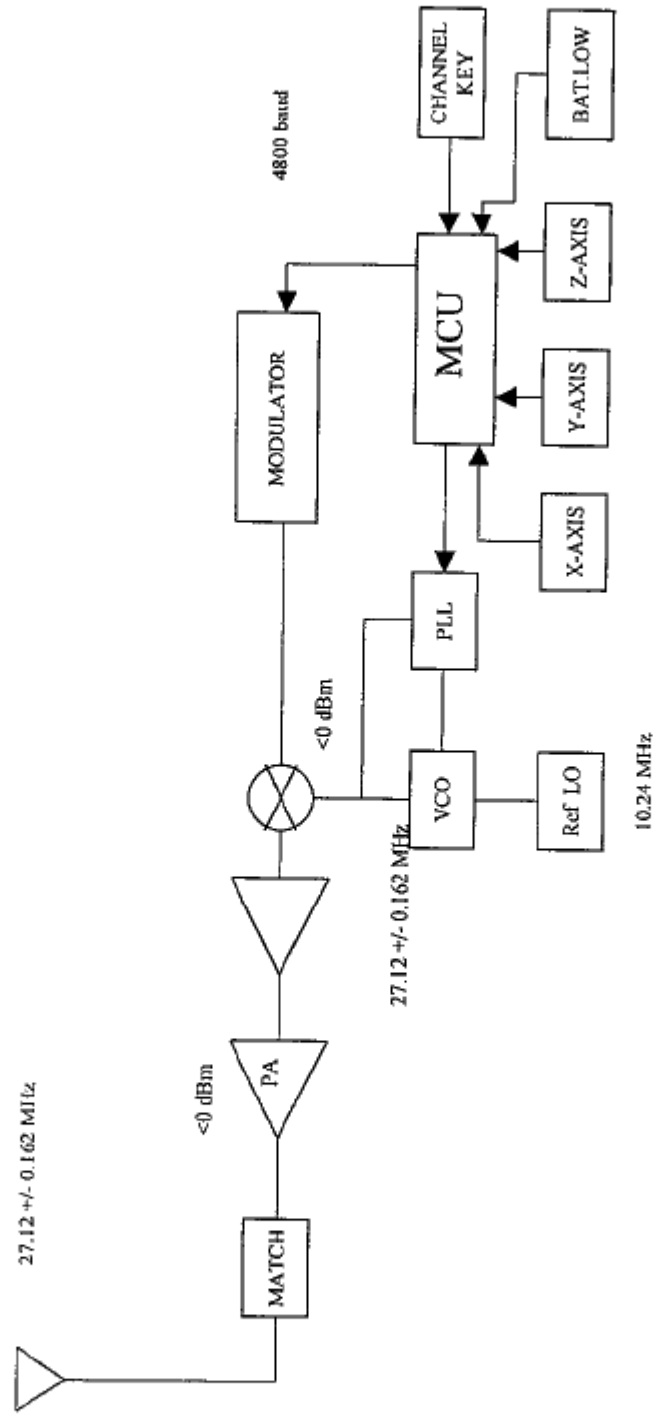
27 MHz MOUSE AND KEYBOARD RECEIVER DIAGRAM

27.12 +/- 0.162 MHz

LPF

LNA

IF1 FIL

VCO

DUAL PLL

Ref x'stal

10.24 MHz

IF2 AMP

LO

10.24MHz

IF2 FIL

DISCRIMINATOR

LO

455KHz

data AMP

FOR MOUSE
4800 baud

VCO

IF2 AMP

IF2 FIL

DISCRIMINATOR

LO

455KHz

data AMP

FOR KEY BOARD
4800 baud

wireless mouse + keyboard system define by Panny Tam

2001/7/31

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