EXHIBIT F

DESCRIPTION OF ELECTRICAL CIRCUITRY

A) RECEIVER UNIT OPERATION

1) A RF signal from Cell station (KX-TDA0142) is received by an antenna, passes through the 2.4GHz band pass filter FIL101, and then the signal is fed to pin (RF and RFX) of RF-IC (IC201).
2) The RF signal fed to RF-IC passes through LNA (Low Noise Amplifier) Low IF band pass filter and demodulates to a digital signal by demodulator. And then the digital signal is fed to base band IC (IC800) of CPU block from RXDA pin.
3) The digital signal, which is received by ADPCM Codec inside base band IC is converted into audio signal. Furthermore, the audio signal is amplified inside base band IC and output to a receiver unit.

B) TRANSMISSION UNIT OPERATION

1) When press the TALK switch, base band IC (IC800) detects the switch becoming ON. As a result, a handset changes from stand-by mode to talk mode.
2) The audio signal went through microphone is amplified inside base band IC and converts into the digital signal by ADPCM Codec.
3) The digital signal from base band IC converts to 2.4GHz FSK (Frequency Sift Keying) modulation signal at the inside of RFIC (IC201). After FSK modulation signal is amplified by RF Power Amp (IC101), it goes through band pass filter (FIL101) and then outputs to the antenna.