EXHIBIT B

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

"Description of Circuit Functions"

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CIRCUIT SCHEMATIC AND DESCRIPTION

The interface schematic diagram for the telephone is attached. The terminal categories of Section 68.304, categories (1) through (8), are indicated for each point of connection.

A description of all electrical circuitry which affects compliance with Part 68 is given below :

- The electrical circuitry is that of a standard telephone instrument. It is composed of a high-impedance ringer in series with a capacitor, a network, a switch hook assembly and receiver and transmitter
- The device is powered solely from the telephone loop to which it is connected, drawing the normal and permissive off-hook current from the serving central office or private branch exchange, when used with a PBX
- Ringing current is received from the central office to cause the internal ringing to signal that a call is to be received. The device products only human sensory sounds, and network address signaling such tone below the maximum permissible signal levels
- A typical industry standard drawing is attached showing all active and passive circuit elements. None can cause no-compliance with subpart D of Part 68
- The instrument consists of a base plate on which elements are mounted and a cover housing. Photographs are attached showing exterior and interior details

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VERIFY ACCORDING TO THE 15.233(b)(2)(I) REQUIREMENTS

According to 15.233(b)(2)(I), an automatic channel selection mechanism that will prevent establishment of a link on any occupied frequency on channels one through fifteen must be incorporated. The following test method is used to confirm this function :

1. Turn on the EUT and record the frequency of base from the spectrum analyzer
2. Turn off the EUT
3. Set the signal generator (HP3325B) to the frequency recorded in step 1
4. Turn on the EUT again and read the frequency from the spectrum analyzer. If the reading is not same as the frequency recorded in step 1, this means the EUT complies with the requirements
5. Press the channel select button 25 times and read the frequency every time the button is pressed. If the frequency reading is not same as the frequency recorded in step 1, this means the EUT complies with the requirements
6. Repeat steps 1-5 for the handset
7. Repeat steps 1-6 another frequency pairs

PS : The level of the radiated signal generated by signal generator is set to 10dB below, 10dB above and equal to the EUT's radiated level respectively for testing

RESULT :

After three pairs of frequency (channel 1,8, 15) was verified with the steps mentioned above, no frequency reading is recorded same as the pre-set frequency of signal generator

2-9917/2-9918 CIRCUIT DESCRIPTION

COMPLIANCE WITH PARA. 15.214

The 2-9917/2-9918 cordless telephone utilizes a 16 bit digital coding system to protect against unintentional access of the base unit and unintentional ringing of the handset. A random 16 bit code is automatically selected each time the handset is placed into the base cradle.

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TOTAL P.01

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