

EXHIBIT B

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

"Description of Circuit Functions"

317 587 6431 P.02/02

2-9769/2-9768 CIRCUIT DESCRIPTION

COMPLIANCE WITH PARA. 15.214

The 2-9769/2-9768 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.

FCC ID: G9H2-9769
EXHIBIT B(2)
Marstech Report No. 98131D

3. CIRCUIT SCHEMATIC AND DESCRIPTION

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The interface schematic diagram for the telephone is attached as Figure 2. 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 a 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.

Ring current is received from the central office to cause the internal ringing to signal that a call is to be received. The device produces only human sensory sounds, and if provided with Dual-Tone, Multi-Frequency (DTMF) means of network address signalings 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 non-compliance with subpart D of Part 68.

The instrument consists of a baseplate on which elements are mounted and a cover housing. Photographs are attached showing exterior and interior details.