

INTERTEK TESTING SERVICES

EXHIBIT 1
GENERAL DESCRIPTION

INTERTEK TESTING SERVICES

1.0 General Description

1.1 Product Description

The GD-2606 is a 900 MHz Cordless Telephone. The unit is capable of either tone or pulse dialing. The internal power supply's isolation is accomplished through a power transformer having an adequate dielectric rating. The circuit wiring is consistent under the requirement of part 68.

The handset unit consists of a keypad with twelve standard keys (0,...9,*,#), five function keys (Tone, Memo, Pause, Mute, Redial/Flash), and one channel switch key. A talk key is provided to control pick/release telephone line in a toggle base.

The base unit has a page key, which is used to page the handset unit.

The circuit description is listed in the following page.

Connection between the device and the telephone network is accomplished through the use of USOC RJ11C in the 2-wire loop calling central office line.

DESCRIPTION

Model GD2606 is a single Line Loop Start DTMF/Pulse Switchable 902/926MHz nonspreadspectrum cordless phone. The technical description is attached for your reference . The telephone is equipped with a RF11C connector.

Attached to this Exhibit is a block diagram (Figure 1) showing the leakage categories of Part68.304. Also attached is preliminary copy of the manual. The final version of the manual will contain the Information to the User required by Part 68 as shown in Exhibit J of this Application.

TECHNICAL DESCRIPTION

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 of 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.

Ringing current is received from the central office to cause the integral ringing to signal the a call is to be received. The device produces only human sensory sounds. 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.

NETWORK INTERFACE COMPONENTS SPECIFICATION

(A) TELEPHONE INTERFACE

Transient/Surge Absorber, ZNR

Manufacturer:

Part No.:

Varistor Voltage:

(B) DC Current Blocking Capacitor

Manufacturer:

Part No.:

Rated Voltage:

(C) Telephone Coupling Transformer

Manufacturer:

Part No.:

Dielectric Rating:

(D) Photo coupler

Manufacturer:

Part No.:

Dielectric Rating: