1.2.2 Support Equipment included in the Tests:

The transmitter (FXO) was tested with the following peripherals:

1. Teledex Analog Telephone
2. Lambda Electronics Power Supply, model LM D48
3. BK Precision Power Supply, model 1688

Description	*Analog Telephone*
Manufacturer	Teledex
Model	Not Provided
Serial Number	Not Provided
Power Supply Type	N/A
Power Cord	N/A
Data Cable	Unshielded RJ-11, 4-Conductor Interface Cable, Detachable
FCC ID	Not Provided

Description	*DC Power Supply*
Manufacturer	BK Precision
Model	1688
Serial Number	Not Provided
Power Supply Type	Closed Frame Switching
Power Cord	Non-Shielded, 1.0m long

Description	*DC Power Supply*
Manufacturer	Lambda Electronics, Inc.
Model	LM D48
Serial Number	E38201
Power Supply Type	Closed Frame Switching
Power Cord	Non-Shielded, 1.0m long

2.1.1 EUT Configuration per page 11 of Main Report

Pre-scan measurements are first performed by collecting data with a spectrum analyzer. Significant peaks are marked and then quasi-peaked. Measurement range investigated was from 450KHz to 30MHz. The EUT was set up in accordance with the suggested configuration given in FCC Measurement Procedure ANSI C63.4-1992. The measurement instrumentation used was a receiver with bandwidth parameters as stipulated in ANSI C63.4-1992. The Transmitter (FXO) and Receiver (FXS) were set up on a wooden non conductive table top, 80 cm above the ground reference plane, in a shielded room. It was supported with peripherals as listed in 1.2.2 and transmitted continuously. The dimension of the table was 1.5m x 1.0m. EUT was powered by a +55 Vdc.

2.1.2 Test Procedure per page 11 of Main Report

The EUT was set up as described above, in live functional modes. The Transmitter (FXO) was transmitting to the Receiver (FXS). The powerline conducted EMI tests were run on the +55 Vdc power supply current carrying conductors of the power cords of the EUT and peripherals. The highest emissions were also analyzed in detail by operating the spectrum analyzer in fixed tuned mode to determine the precise amplitude of the emissions. While doing so, interconnecting cables were moved around to maximize the emissions.

3.1.1 EUT Configuration per page 13 of main Report

Pre-scan measurements are first performed by collecting data with a spectrum analyzer. Significant peaks are marked and then quasi-peaked. Measurement range investigated was from 30 MHz to 1 GHz. The EUT was set up in accordance with the suggested configuration given in FCC Measurement Procedure ANSI C63.4-1992. The measurement instrumentation used was a receiver with bandwidth parameters as stipulated in ANSI C63.4-1992. The Transmitter (FXO) and Receiver (FXS) were set up on a wooden non conductive table top, 80 cm above the ground reference plane, in an open field. It was supported with peripherals as listed in 1.2.2 and transmitted continuously. The dimension of the table was 1.5m x 1.0m. EUT was powered by a +55 Vdc adapter.