

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

E6473B-01

S E R V I C E N O T E

Supersedes:
NONE

**E6473B Network Optimization Solution-Hardware
used with
E6474A Wireless Network Optimization Platform
(“Nitro” Drive-test Family)**

Serial Numbers: Not Applicable

Use of Agilent phone cables in "Direct Connect" configuration may cause communication issues with E6474A application.

BACKGROUND: The Agilent E6474A wireless network optimization platform can be configured for vehicle, pedestrian, and in-building applications incorporating receiver/scanners, phones, or a combination. Most configurations that include phones are bundled with Agilent phone interface cables (see **Table 1** for list) originally designed to connect phones to a high-speed direct connect hub (E6473B-015). As shipped prior to November 1, 2003, Agilent phone interface cables currently include a DB-25 to DB-9 connector adapter (PN E6473-60015, see **Figure 1**) to facilitate direct connection of the phone to the data collection PC for "hub-less" configurations.
Parts Required: NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY
AUTHOR: SPB PRODUCT LINE: BJ
ADDITIONAL INFORMATION: See also SN E6473A-01-I

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Situation:

In some cases where phones are connected directly to the data collection PC's RS-232 connection using an Agilent phone interface cable and DB-25 to DB-9 adapter, the data collection PC* COM port may not provide adequate power for the Agilent phone interface cable and user's test phones. The likelihood of occurrence is dependant on the PC used, as well as quantity and type of phone(s) connected in this manner. This problem will not occur in hub-connected phones, and has not been observed when OEM cables have been used.

*or PCMCIA dual socket IO card, where used

Solution/Action:

For those customers reporting phone-charging or communication COM error problems in a Direct Connect configuration, substitution of an OEM cable is recommended. Alternatively, the connection should be made via a direct connect hub (E6473B-015), and must be used if an OEM cable is not available.



Figure 1

Table 1

Model/Opt	Description
E6473B-801	CDMA - QCP820/1920/2700 Phone Cable Kit
E6473B-802	CDMA - QCP860/1960/2760 Phone Cable Kit
E6473B-803	CDMA-QCP 860/1960/2760 Ph. Cbl. Kit w/RF
E6473B-805	CDMA-Kyocera 2035/2135/3035/5475 Ph. Kit
E6473B-810	Kyocera 2235 Phone Cable Kit with RF
E6473B-811	Kyocera 2255 Phone Cable Kit with RF
E6473B-812	Kyocera 2235/2255/2325/2345 Phone Cbl Kt
E6473B-825	GSM/GPRS-SagemOT96M/OT-190/OT-199 Ph Kit
E6473B-827	GSM-Sagem OT76-M/OT160/OT169 Phone Kit
E6473B-830	TDMA-Nokia 5165/6120(i)/6160(i) Ph. Kit
E6473B-840	CDMA - Sanyo SCP-4500 Phone Cable Kit
E6473B-850	Nokia 6340 GAIT Phone Interface Cable
E6473B-860	iDEN-Motorola i1000+/i2000+ Phone Cbl Kt
E6473B-865	iDEN-Motorola i85s/i90c Phone Cable Kit
E6473B-871	K-CDMA-Samsung SCH-X120/SPHX1200 Ph Kit