

About this Manual

We've added this manual to the Agilent website in an effort to help you support your product. This manual is the best copy we could find; it may be incomplete or contain dated information. If we find a more recent copy in the future, we will add it to the Agilent website.

Support for Your Product

Agilent no longer sells or supports this product. Our service centers may be able to perform calibration if no repair parts are needed, but no other support from Agilent is available. You will find any other available product information on the Agilent Test & Measurement website, www.tm.agilent.com.

HP References in this Manual

This manual may contain references to HP or Hewlett-Packard. Please note that Hewlett-Packard's former test and measurement, semiconductor products and chemical analysis businesses are now part of Agilent Technologies. We have made no changes to this manual copy. In other documentation, to reduce potential confusion, the only change to product numbers and names has been in the company name prefix: where a product number/name was HP XXXX the current name/number is now Agilent XXXX. For example, model number HP8648A is now model number Agilent 8648A.

HP E7452A E02, HP E7460A-E02, and HP E7472A-E02 Information

The HP E74xx, Option E02 systems have the Japanese frequency range, J-CDMA., and include three basic system configurations:

- HP E7452A E02: receiver-only
- HP E7460A-E02: phone only
- HP E7472A-E02: integrated receiver and phone

Differences between the HP E74xx E02 systems and the standard systems are noted below. Refer to the standard documentation, part number E7450-90017, for further product information.

Frequency Range

Downlink	832 - 870 MHz
Uplink	887 - 925 MHz

Channelization

The table below indicates the frequency ranges in which the HP E7452A E02 operates. Refer also to Figure 1 on page 2.

Channel spacing	12.5 KHz (The hardware tunes in steps of 30 KHz.)		
Channel numbers	Downlink	Uplink	Channel
ARIB	832 - 834 MHz	887 - 889 MHz	1041 - 1199
	843 - 846 MHz	898 - 901 MHz	801 - 1039
	860 - 870 MHz	915 - 925 MHz	1 - 799
Artificial	834 - 843 MHz	889 - 898 MHz	1841 - 2559
	846 - 860 MHz	901 - 915 MHz	2561 - 3679
Default frequency/channel number	833 MHz / 1120		

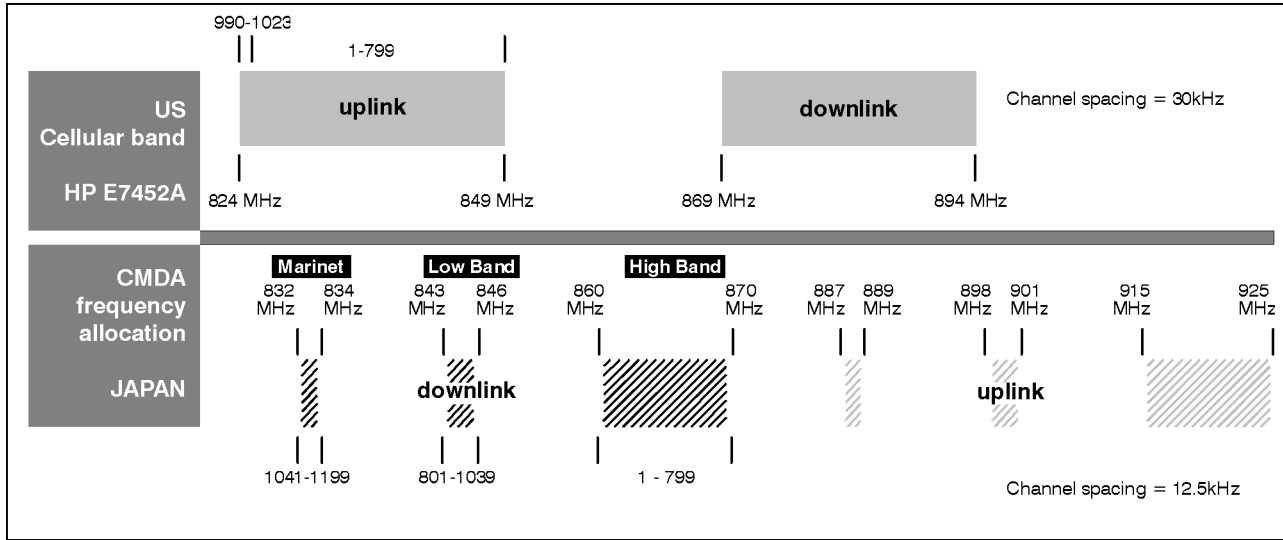


Figure 1 *The US CDMA Frequency Allocation Compared to the Japanese J-CDMA Frequency Allocation*

Options

The HP E7452A E02 and HP E7472A E02 include an additional receiver upgrade option:

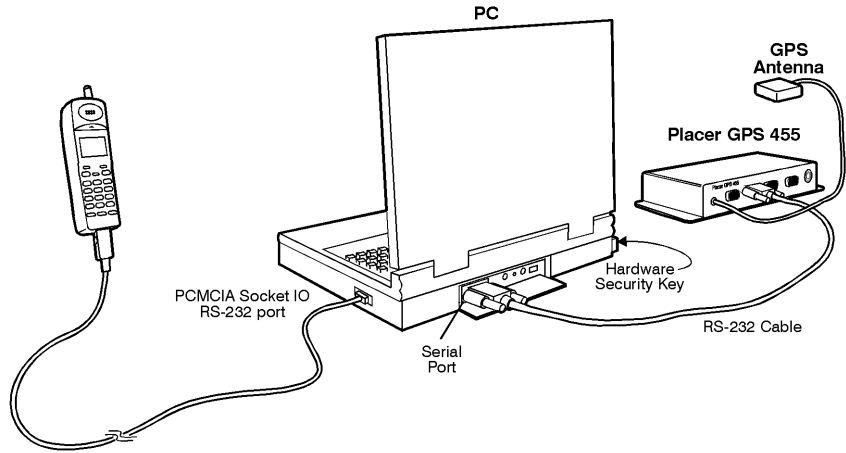
- **HP 86154A, Option E02** is a magnetic-mount antenna kit. It covers 824 to 960 MHz and includes adapters and cable as follows:
 - 1/4 wave antenna, 824-960 MHz magnetic mounting
 - 10-foot extension cable
 - FME male to male adapter
 - FME male to Type N male adapter

The HP E7460A E02 and HP E7472A E02 include an additional phone upgrade option:

- **HP 86154A, Option E11** is a Toshiba CD-10T phone interface cable. See “Phone Cable Setup” on page 3 for setup instructions.

Phone Cable Setup

Refer to Figure 2 for information on how to connect a phone to your drive test system.



setup.cdr

Figure 2 Cable Setup for the Phone and the GPS

Starting and Learning the HP E74xx

For further information, refer to the following resources:

Resource	Description
Getting Started Guide	Contains information you need to set up your system, install the software, verify the system, and pointers for where to go to learn to use it. You'll also find specifications (other than those shown on this sheet) and hardware options.
Online Help	Available from the software's Help menu or by pressing F1 , covers all functionality. It is the program's reference and includes step-by-step instructions for basic operations.
How Do I?	Available from the Help menu, addresses the most common applications in a step-by-step format.
Support	Available from the Help menu, directs you to the support provided by HP.