

MANUAL IDENTIFICATION

Model Number: 8447A
Date Printed: April 1970
Part Number: 08447-90003

This supplement contains important information for correcting manual errors and for adapting the manual to instruments containing improvements made after the printing of the manual.

To use this supplement:

Make all ERRATA corrections

Make all appropriate serial number related changes indicated in the tables below.

Table with 2 columns: Serial Prefix or Number, Make Manual Changes. Row 1: 1145A, 1

Table with 2 columns: Serial Prefix or Number, Make Manual Changes. All cells are empty.

NEW ITEM

ERRATA

Page 1-1, Table 1-1:

Add Reverse Isolation: > 30 dB

Page 4-2, Paragraph 4-6:

Add 10 dB attenuator (2 required) . . . . . HP 8491A Opt. 010 to the equipment list.

Page 4-3, Paragraph 4-6:

Change step 6 to read as follows:

To check flatness, set the signal level at Channel A to -30 dBm. Connect a 10 dB attenuator to each tee, between the tee and the adapter. Note the level difference between Channel A and Channel B as the generator frequency is tuned from 10 MHz to 400 MHz. Keep the input level to the amplifier (CHANNEL A) constant and note the variation in Channel B. Channel B should change < 1 dB (± 0.5 dB).

Page 4-5, Paragraph 4-7:

Under SPECIFICATION: Change "parts" to "ports."

NOTE

Manual change supplements are revised as often as necessary to keep manuals as current and accurate as possible. Hewlett-Packard recommends that you periodically request the latest edition of this supplement. Free copies are available from all HP offices. When requesting copies quote the manual identification information from your supplement, or the model number and print date from the title page of the manual.



ERRATA (Cont'd)

PERFORMANCE TESTS

PROCEDURE:

1. Connect the test setup as shown in Figure 4-8. Make the following control settings.

608E/F:

MODULATION . . . . . CW  
 ATTENUATION . . . . . Maximum (lowest output level)  
 FREQUENCY RANGE . . . . . D  
 MEGACYCLES . . . . . 100

8405A:

FREQUENCY RANGE — MHz . . . . . 100 — 200  
 AMPLITUDE RANGE — dB . . . . . 0  
 CHANNEL . . . . . A

2. Adjust the generator signal level for 0 dBm (read on vector voltmeter).
3. Switch voltmeter to CHANNEL B. Signal at INPUT shall be at least 30 dB below signal at output.

Reverse Isolation: > 30 dB \_\_\_\_\_

Page 4-11, Table 4-1

Add:

|      |                   |    |          |
|------|-------------------|----|----------|
| 4-10 | Reverse Isolation |    |          |
| 3    | Reverse Isolation | dB | 30 _____ |

Page 5-2, Paragraph 5-8:

Change "Figure 4-1" to "Figure 5-1" in step 1.

Page 6-2, Table 6-2:

Change C2 to 0160-2049, C: FXD 5000 PF +80 —20% 500 WVDC, 28480, 0160-2049.

Page 8-9, Figure 8-4:

Delete line connecting CR8 and C4.

**CHANGE 1**

Page 6-4, Figure 6-1:

Change to read as follows:

**NOTE**

STANDARD indicates new color scheme. OPTION X95 indicates complete old color scheme.

*Figure 6-1. Cabinet Parts*

|   |             |   |
|---|-------------|---|
| 1 | 08747-0003  | DECK:MAIN                               |
| 2 | 5000-8766   | SIDE COVER: 3x8, OLIVE GRAY (STANDARD)  |
| 2 | 5000-7891   | SIDE COVER: 3x8, BLUE GRAY (OPTION X95) |
| 3 | 5060-0247   | FRAME ASSY                              |
| 4 |             | NOT ASSIGNED                            |
| 5 | 5060-8553   | TOP COVER: 5x8, OLIVE GRAY (STANDARD)   |
| 5 | 5060-0708   | TOP COVER: 5x8, BLUE GRAY (OPTION X95)  |
| 6 | 08447-00002 | REAR PANEL                              |
| 7 | 5060-0727   | FOOT ASSY                               |
| 8 | 08447-00032 | FRONT PANEL, MINT GRAY                  |
| 8 | 08447-00033 | FRONT PANEL OPTION 001, MINT GRAY       |
| 9 | 5000-8569   | BOTTOM COVER, OLIVE GRAY (STANDARD)     |
| 9 | 5000-0710   | BOTTOM COVER, BLUE GRAY (OPTION X95)    |