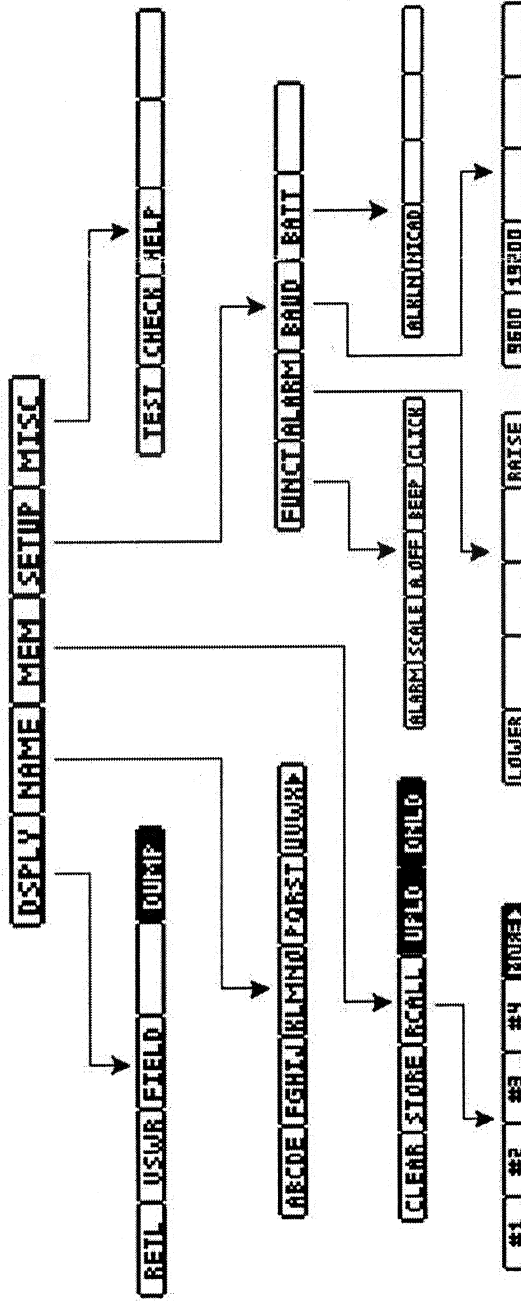
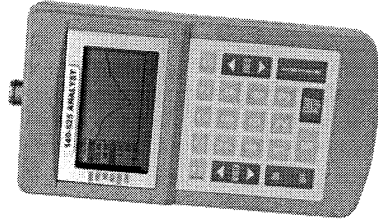


MENU LEVEL DIAGRAM

Menu Levels



**140-525
ANTENNA ANALYST**



QUICK

**Reference
Guide**



ICONS

The following key lists the eight icons that may appear on the STAT line at various times of operation.



Appears when external RF energy may be sufficiently high to cause inaccurate readings.



Indicates that the batteries are getting low and should be replaced (or recharged) soon.

NOTE: For a more exact battery reading, refer to the MISCELLANEOUS MENU section.



Indicates that the limit alarm value was exceeded somewhere in the current plot. If the ALARM function is enabled, a low-pitched beep will also sound at the plot's completion.



Appears while the Analyst is scanning the frequency sweep range for scale value(s).



Indicates that a plot memory download from a PC is in progress.



Indicates that a plot memory upload, or a display dump, to a PC is in progress.



Indicates that the Analyst is in the EXAM mode.



Indicates that the synthesizer has lost phase-lock.

NOTE: This icon may flash briefly during operation, however, if it stays on longer, service may be required.

OPERATION

Reset = Turn unit off

Press F1 & F5 & ON until unit beeps
Note: Erases all Memories.

Display SWR: press F1, F1, F2

Display ReTL: press F1, F1, F1

Relative Field Strength: press F1, F1, F3

To Set Center Frequency:

Enter 5 digits + Enter
ie.: 1, 5, 6, 0, 3 + Enter = 156.03 MHz

To set sweep width use Width or Width

Available widths are:

- 1 MHz..... (100 kHz per division)
- 2 MHz..... (200 kHz per division)
- 5 MHz..... (500 kHz per division)
- 10 MHz..... (1 MHz per division)
- 20 MHz..... (2 MHz per division)
- 50 MHz..... (5 MHz per division)
- 100 MHz..... (10 MHz per division)
- 200 MHz..... (20 MHz per division)
- 500 MHz..... (50 MHz per division)

Note: There are 10 pixels per division therefore, 100kHz per division equals 10kHz per pixel.

To turn Auto Scale On/Off:

Press F1, F4, F1, F2, and then either:
On (F5) or Off (F1).

Press Enter + Enter to go back to sweep mode.

To find lowest SWR point:

Press exam/plot key  (brings up cursor in center of screen).

Use  or  to move cursor to correct location.

Read Freq. & SWR & ReTL on left side of screen.

To store a plot into memory:

Name the plot - Press F1, F2, Pick name and Enter.

Store plot - Press F1, F3, F2, and choose location.

To retrieve plot:

Press F1, F3, F3, and choose plot to retrieve.



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