

2001 Model

Band 1 - 1-500 MHz  
2 - 450-950 MHz  
3 - 900-1400 MHz

Mode - Start-Stop 5000  
ΔF  
CW

Voltage Check

Pin 2 - MZH - +18 } ±20mV Abs at DS  
Pin 3 - MZH - -18 }  
Pin 1 - M10H - -20.1 - 20.5 Band 1 only  
Pin 12 - MZH - -16 } ±20mV  
Pin 1 - MZH - +16 } Adjust MZH

Set up M1H as in 1001


MZH Setup

Monitor Pin 6 MZH for 0 Volts

All small switches should be in Down Position

Pin 6 - Set Coarse Freq - Dial to 250 MHz Band 1 (Center of Dial)

- Cal Scope 10cm Horiz.
- Unplug Program Plug
- Plug in opt. programmer
- Scope Vert 10mV
- Set Programmer to 32V Null
- Scope Vert to Programmer

MZH - Set Inverted Drive Sigs + Cont Controls for display of  approx

- Straight probe Vert.
- Scope Vert 50mV
- Set Programmer to Zero Sigs

MZH - ~~TP1~~ Adj. TP1 ~~sig~~ cont. control for a level trace

TP1 - Cathode Diode 2nd to Bottom Row Components MZH

- ~~Scope~~ Scope Vert 5V
- Set Programmer to full Sweep Width
- Adj. TP1 SIZE for 20V-P
- MZH - TP2 - ~~Linear~~ Set Linearity for 9cm Break
- Check all diodes ~~are~~ and for different Break points - each pair should be different
- 50Ω Det to be used
- Scope Vert to Leak on limit

Check for Output all bands Install markers

Set up M1H + M10H as in 1001B for band 1

Band Width + cont. plug

Printer Box connect to MZH

BLUE BRN RED ORG YEL GRN  
GND

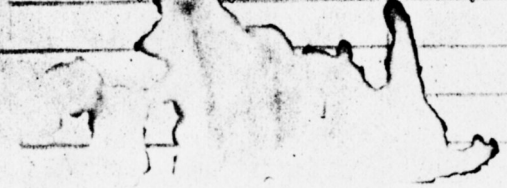
BLACK BAND 2 or 3 as Needed

→ To Set Band 3 Jumper on MZH

White Resistance Nulls down

Power +10dB out

- Set unit CW Band 1 300 MHz



Sweep Sample

- Set at 30mV

AC - Check Switch on front panel

- Use Tee into AC Jack and output should level with atten.

~ Check front panel controls

- Ch freq. pull with atten must be within 15MHz

- Ch  Wave Mod.