

### 7.3.9 Adjusting the Registration Mark Sensor Sensitivity

If you replace the main board, you need to adjust the sensitivity.

#### How to adjust the registration mark sensor sensitivity

- (1) Enter the adjustment menu (see Section 7.3.4).
- (2) Load an A2 or larger size sheet of paper in the plotter. The paper color must be white, and it is recommended that high-quality paper made for ink-jet printers be used.
- (3) Press the UP arrow or Down arrow key until the menu shown below is displayed.

```

┌─┐MANUFACTURING 2/8
├─┤
│  1/2/3 TOOL WIDTH ADJ
│  2DISTANCE ADJUST
│  3TOOL2 EXCHANGE ADJ
│  4RM SENSOR LEVEL ADJ
└─┘

```

- (4) Press the 4 key to display the menu shown below.

```

┌─┐RM SENSOR LEVEL ADJ
├─┤
│  1TEST PATTERN
│  2SENSOR GAIN
│
│
└─┘
┌─┐SET      ┌─┐CANCEL
└─┘

```

- (5) Press the 2 key

```

┌─┐
├─┤
│  ▲▼◀▶FE
│
│  USE THE POSITION KEY
│  TO MOVE THE TOOL AND
│  THEN PRESS ENTER.
│
│  4CANCEL
└─┘

```

- (6) Use the ARROW keys to move the pen to an open area to adjust the registration mark sensor gain.
- (7) Press the ENTER key to start the registration mark sensor gain adjustment. The plotter immediately adjusts the registration mark sensor gain automatically. The plotter displays the menu shown below.

```

┌─┐RM SENSOR LEVEL ADJ
├─┤
│  1TEST PATTERN
│  2SENSOR GAIN
│
│      0022 H
│  0      50%      MAX
└─┘
┌─┐SET      ┌─┐CANCEL
└─┘

```

Confirm that the output level is between 50% to 60%.

- (8) Press the ENTER key to store the setting.

```

┌─┐MANUFACTURING 2/8
├─┤
│  1/2/3 TOOL WIDTH ADJ
│  2DISTANCE ADJUST
│  3TOOL2 EXCHANGE ADJ
│  4RM SENSOR LEVEL ADJ
└─┘

```

- (9) Turn off the power to exit from the adjustment menu.