

## TABLE OF CONTENTS

TABLE OF CONTENTS .....	1
1- OVERVIEW.....	2
2- DC OFFSET ADJUSTMENTS .....	2
REVISION HISTORY .....	3

## Analogic 8280 Gradient DC Offset Adjustment Process

### 1- OVERVIEW

The gradients offsets are zeroed at the factory. It should not be necessary to zero them again in the field.

### 2- DC OFFSET ADJUSTMENTS

1. Zero the gradient DACs from the front of the SCA Module (same as current YMS procedure).
  - a. Select LOC.
  - b. Select GCA ON.
  - c. Select EXEC and then select CONF.
  - d. Repeatedly press + until BURN seen on the display.
  - e. Select EXEC until DC00 is seen on the display.
  - f. Zero the DACs by pressing EXEC.
2. Set DVM to measure in mV range and measure voltage on rear of X gradient outputs.
3. Adjust pot marked OFFSET on front of X gradient amplifier module until gradient output is zero.
4. Remove the DVM from the X gradient output connections and repeat steps 2 – 4 to measure the outputs and adjust the pots on the remaining Y and Z gradients.
5. Select REM.
6. Select OFF
7. Select RESET
8. If the gradshims are all zero you could, at this point, re-measure the outputs of all the gradients to confirm that the outputs are still all zero (or less than 5mV).

### REVISION HISTORY

REV	DATE	AUTHOR	PRIMARY REASONS FOR CHANGE
0	Aug. 28, 2001	K. Keshena	Initial Release