

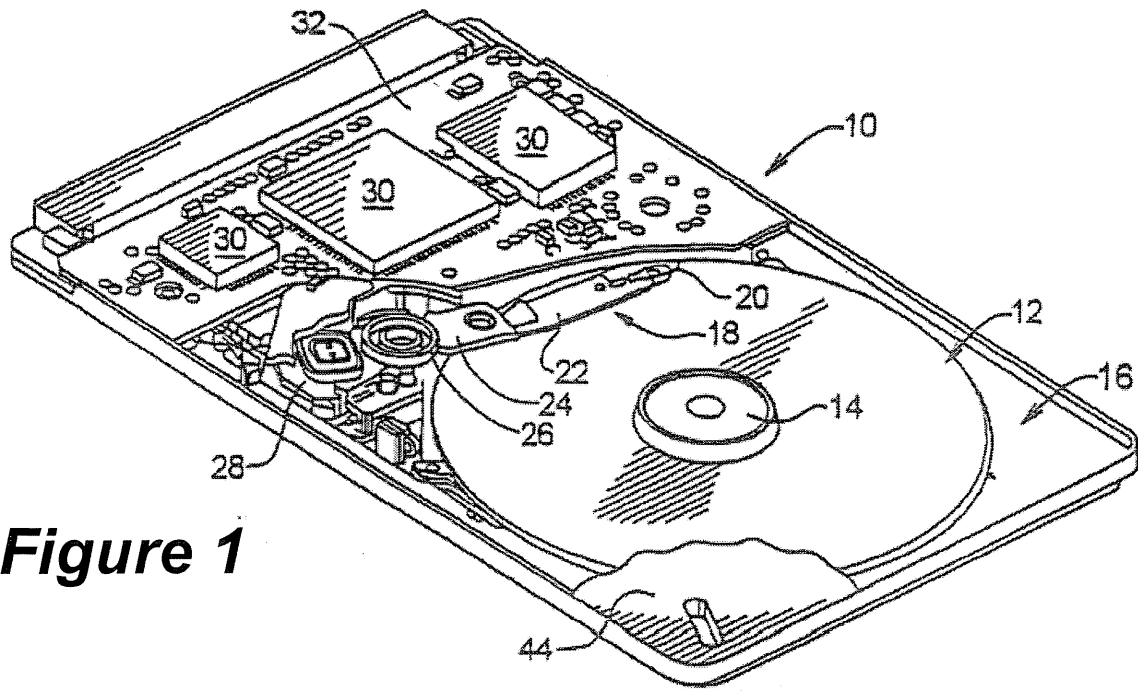


Figure 1

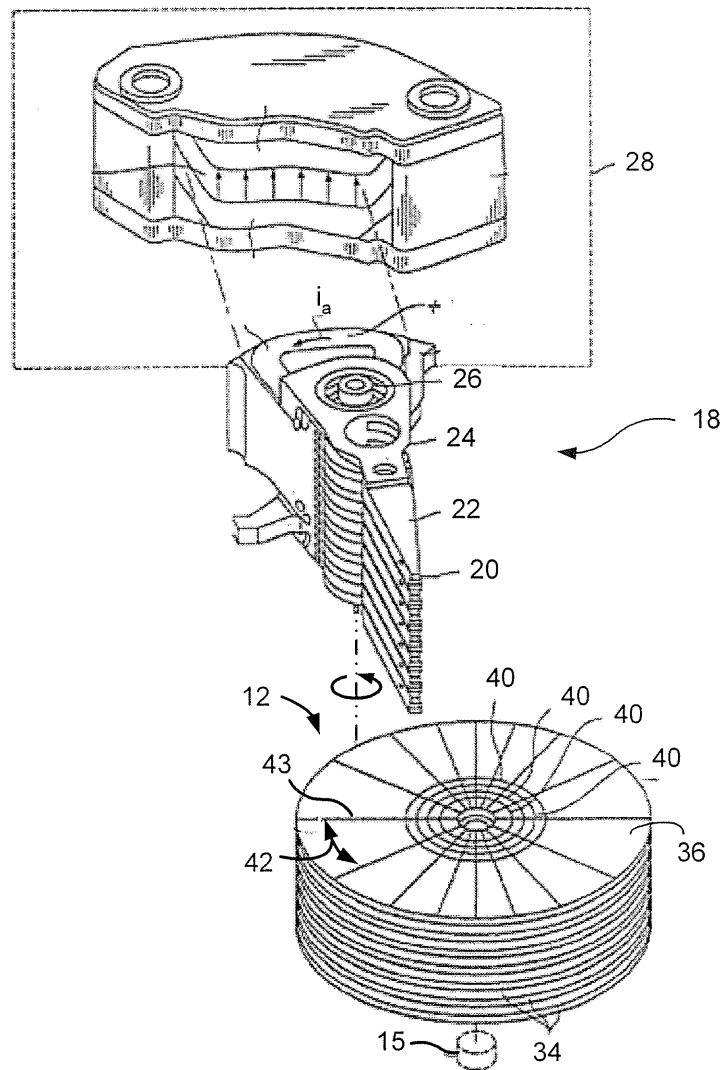


Figure 2

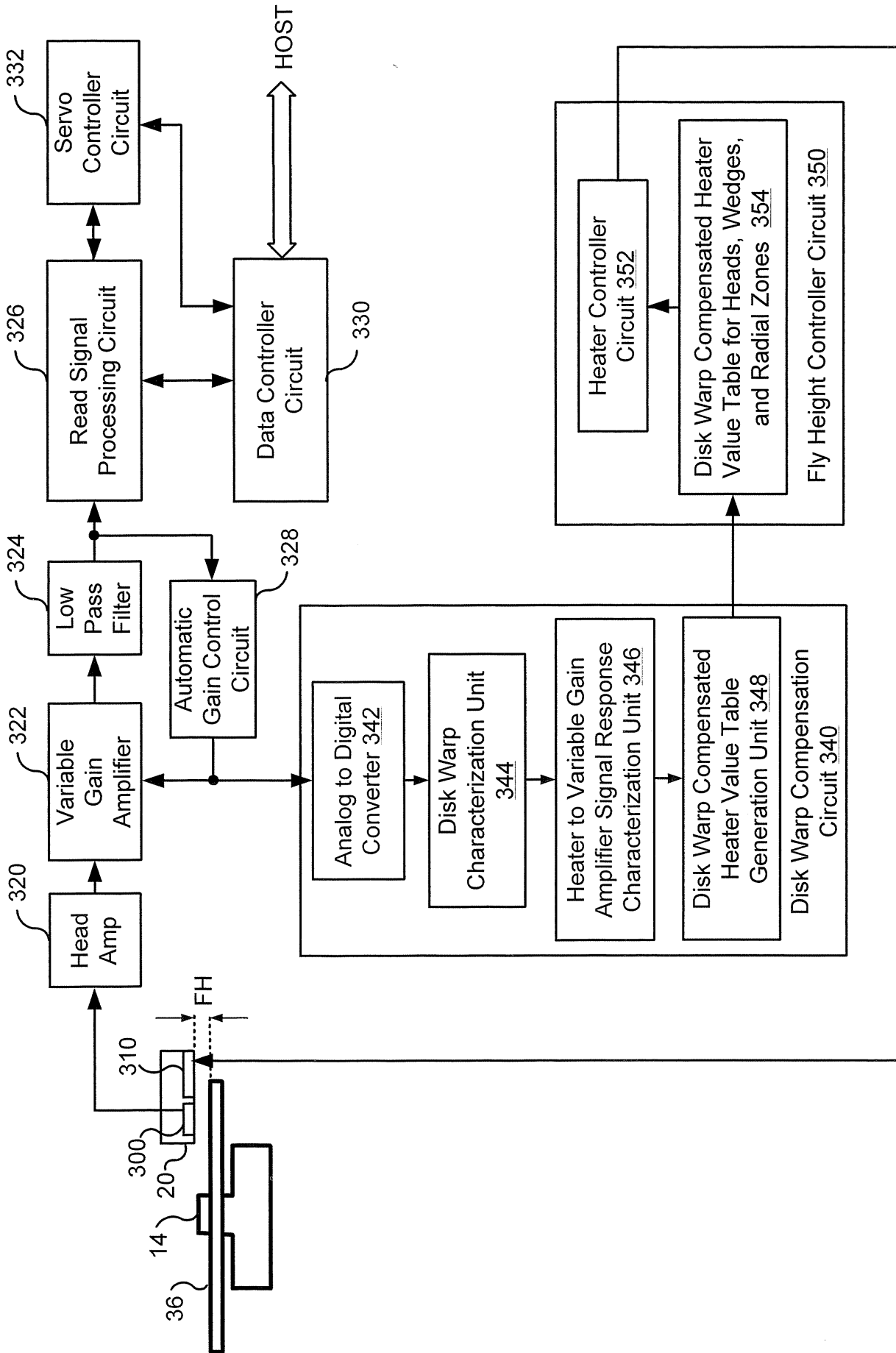
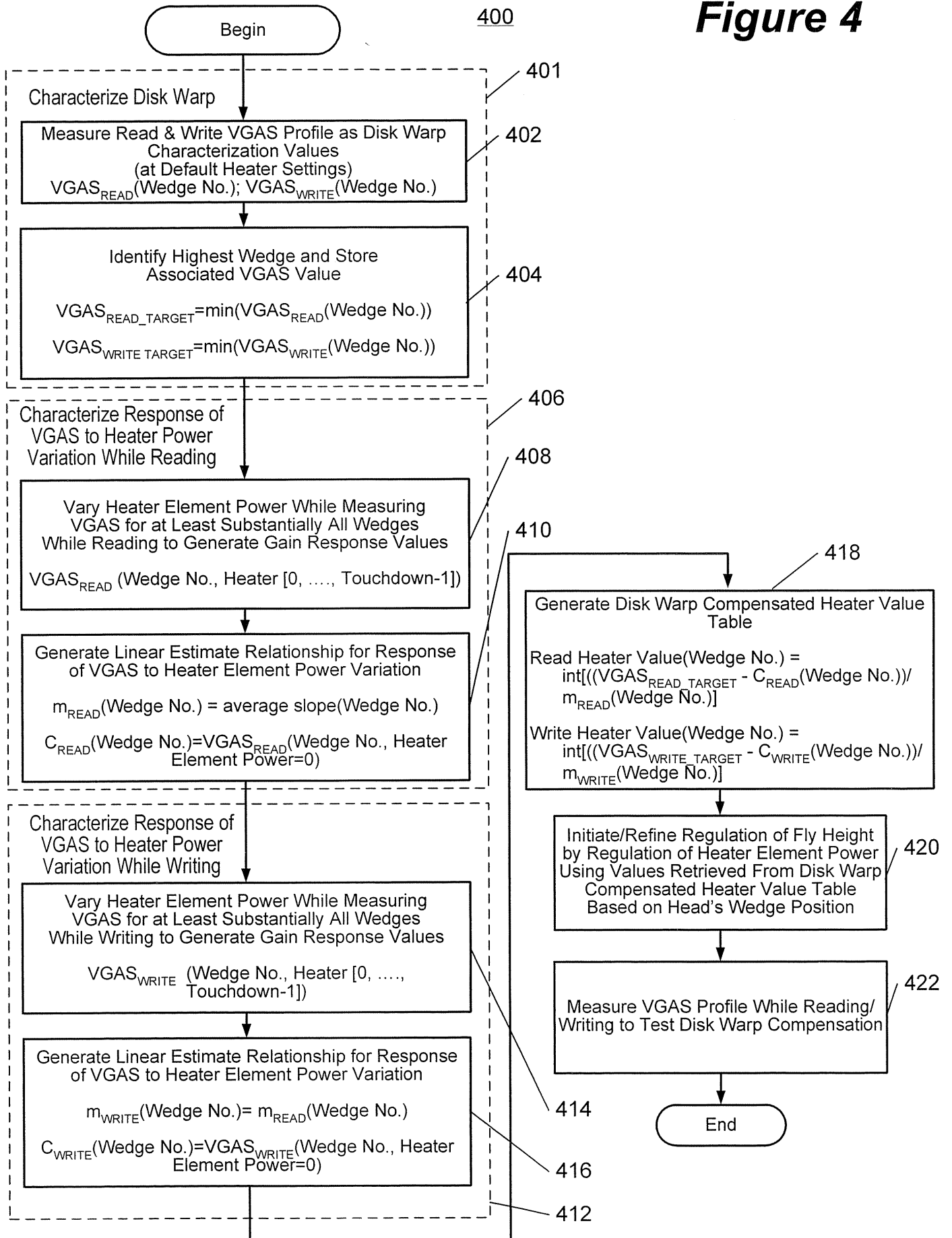
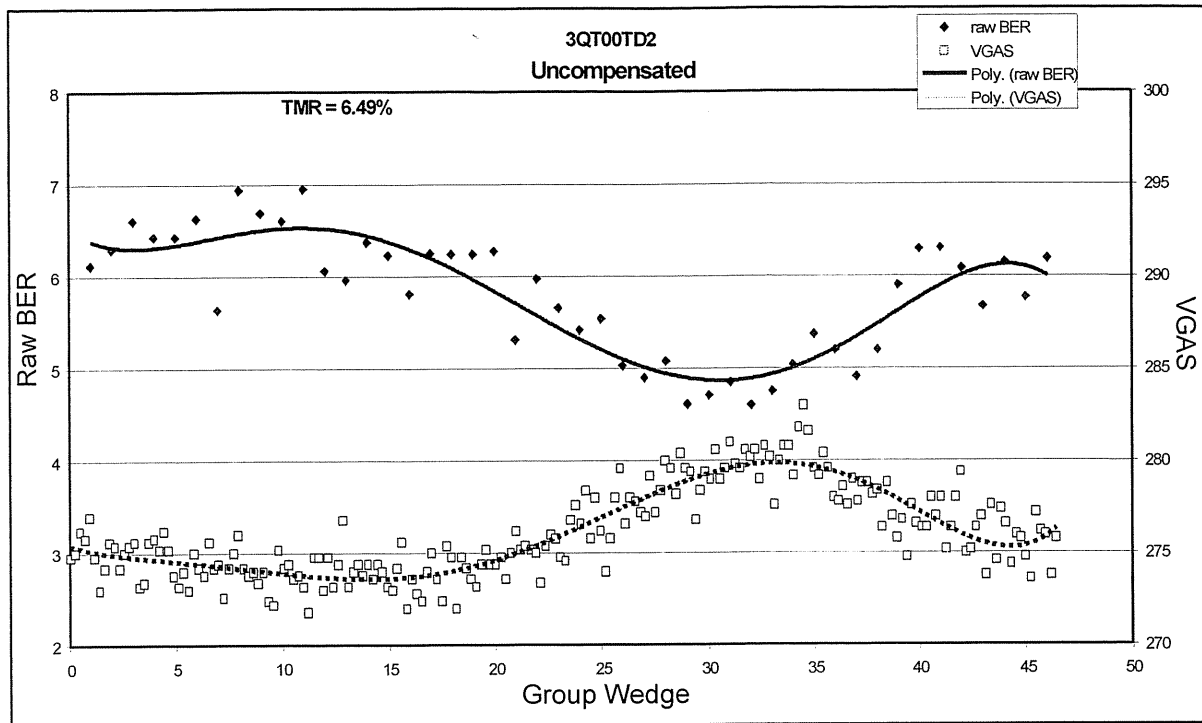


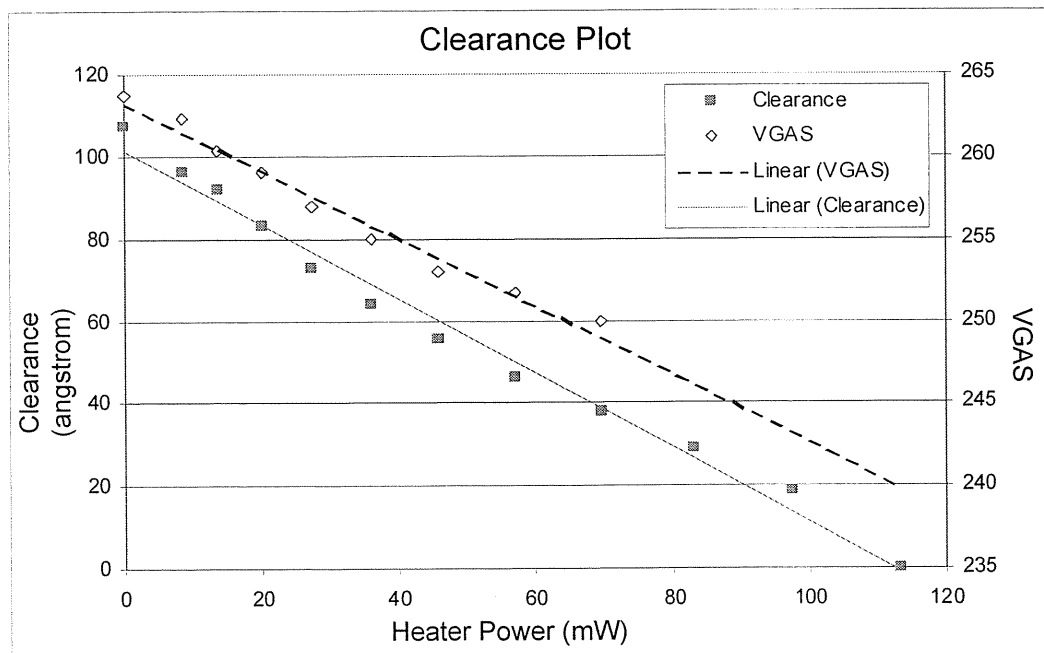
Figure 3

Figure 4



VGAS and BER of track with Clamping Distortion. (No WBAFH)

Figure 5



Clearance to VGAS mapping

Figure 6

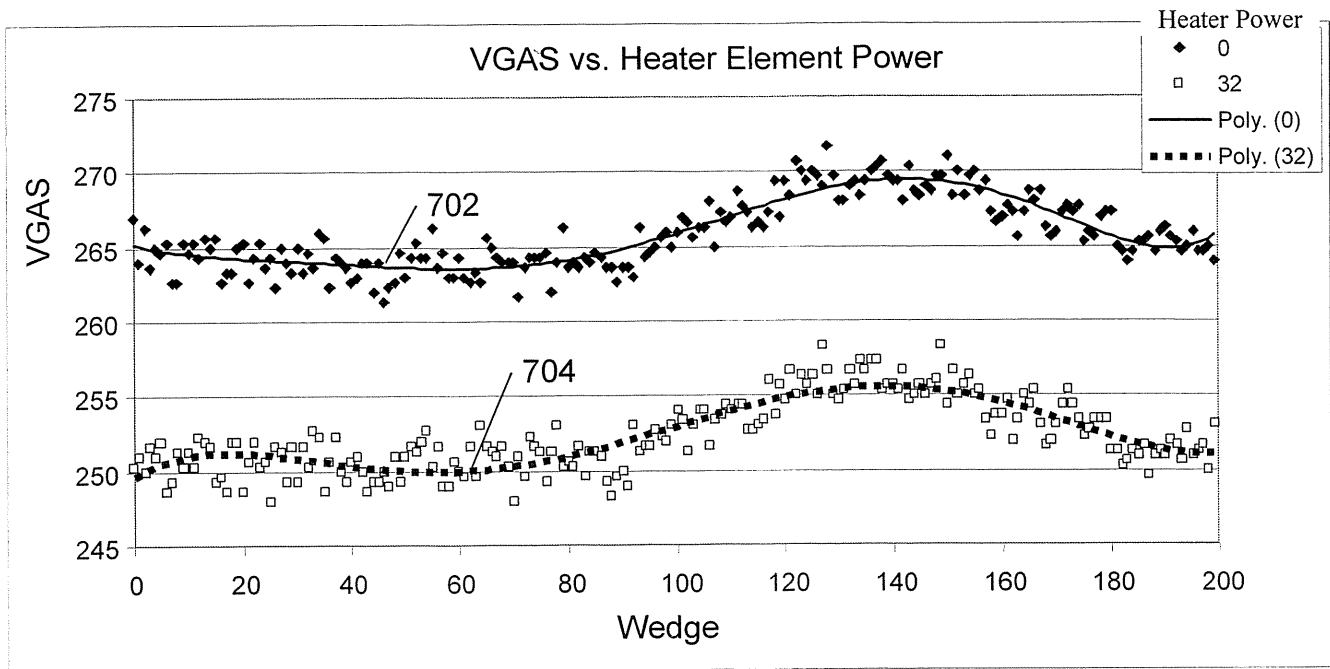
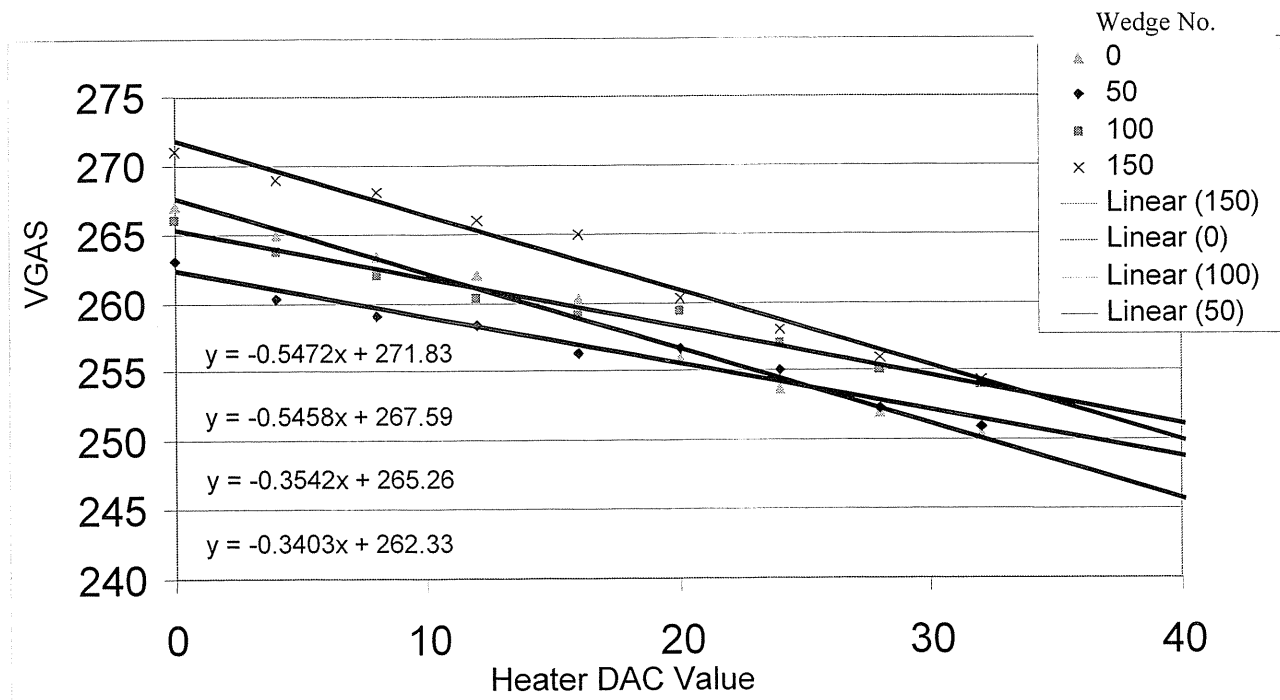
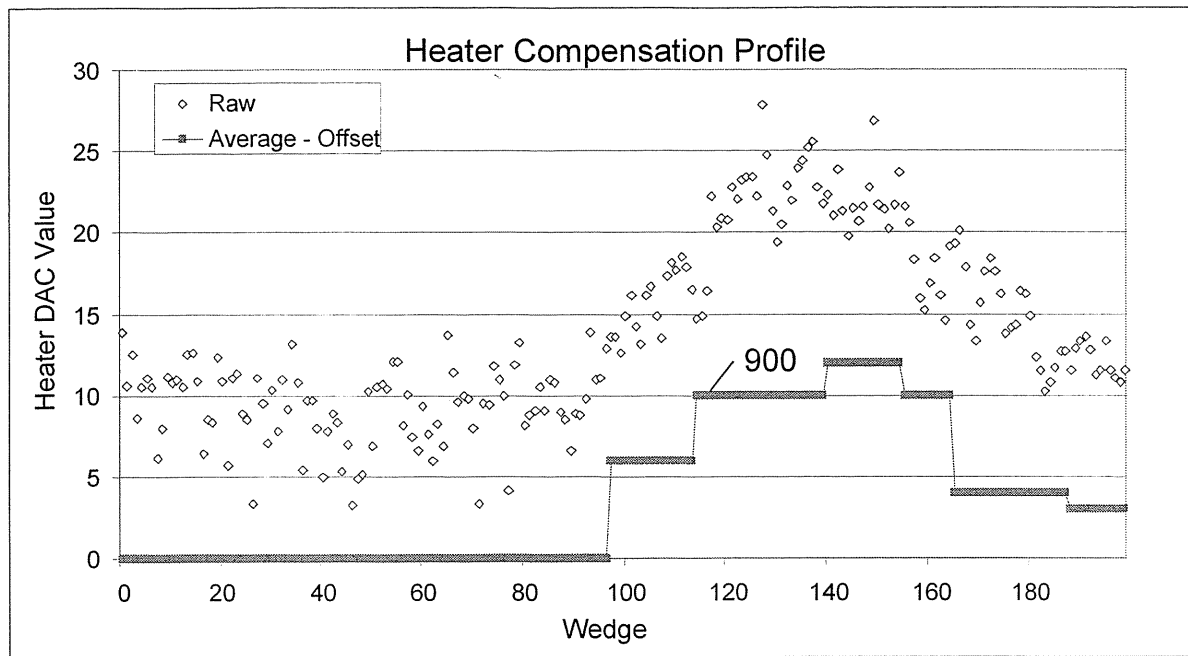


Figure 7



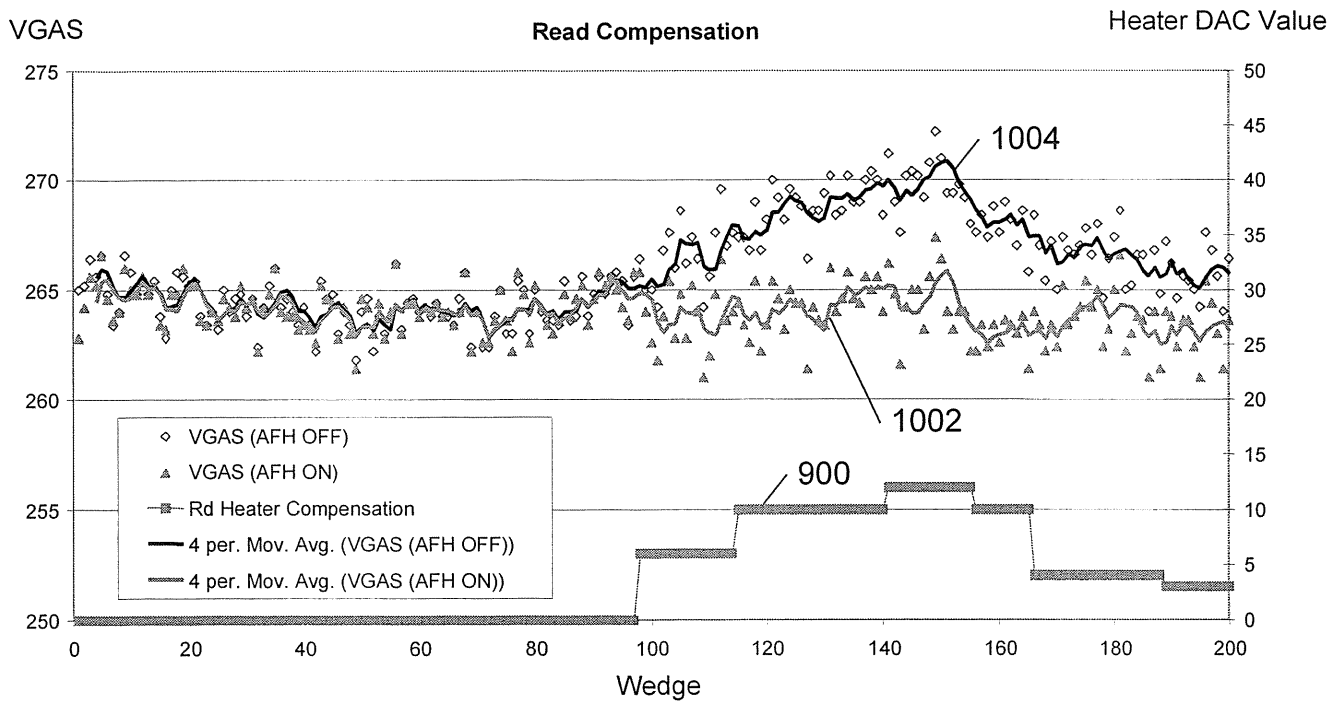
VGAS to Read Heater Characterization at Wedge (0, 50, 100, 150)

Figure 8



Calculated Heater Compensation

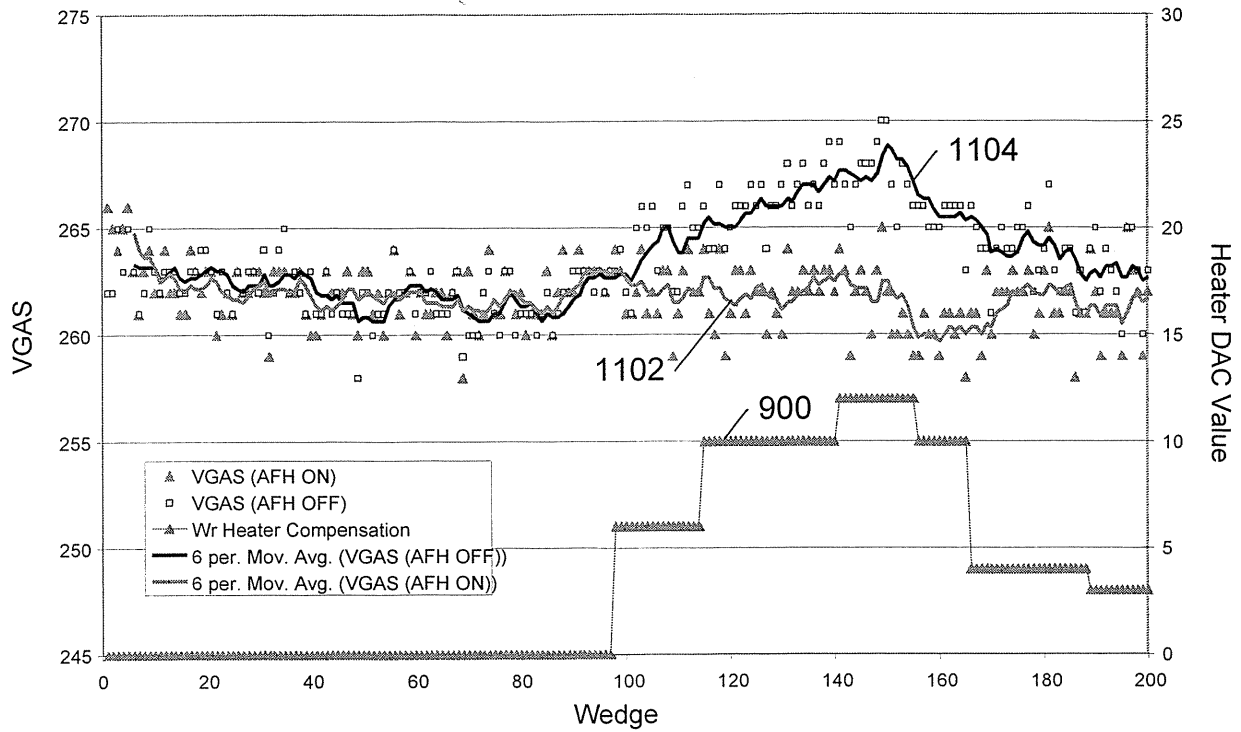
Figure 9



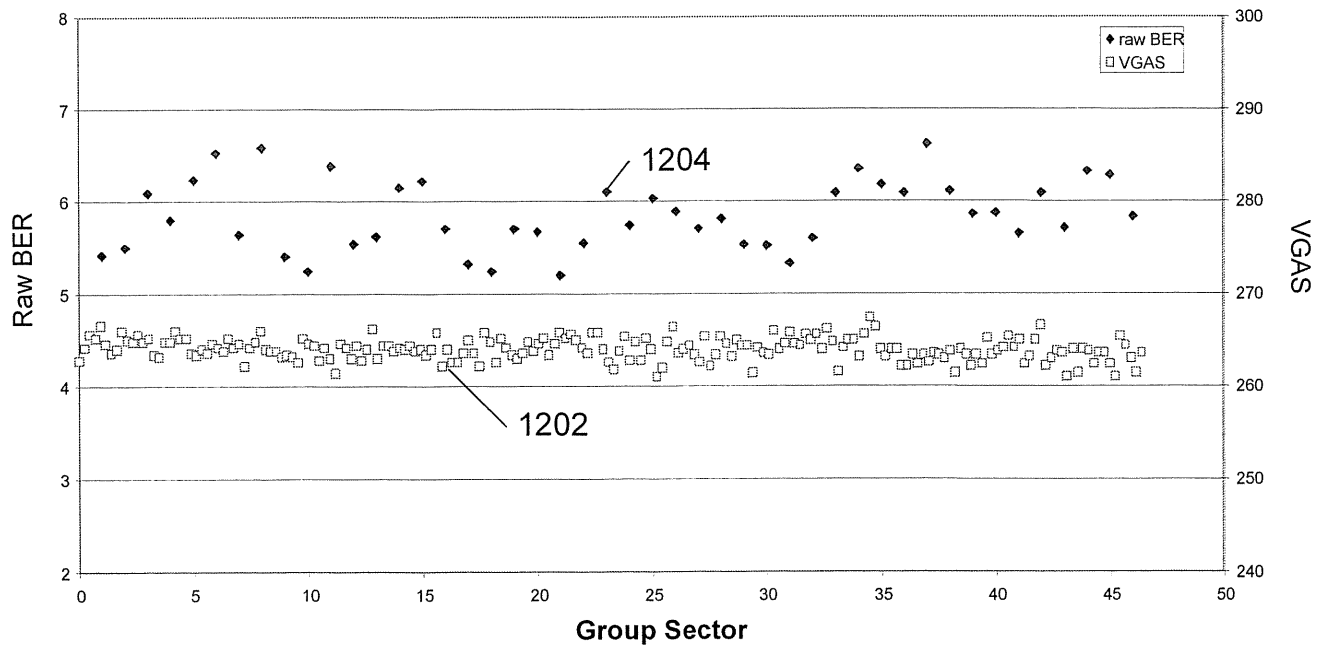
Read VGAS with and without WBAFH

Figure 10

Write VGAS with and without WBAFH

**Figure 11**

VGAS and BER with WBAFH

**Figure 12**