

# Re: DAC failure mode

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  - *Date:* 28 Feb 2007 04:41:34 -0800
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On Feb 28, 6:35 am, Robert Latest <[boblat...@xxxxxxxx](mailto:boblat...@xxxxxxxx)> wrote:

Hi folks,

currently I'm looking at a piece of equipment (a PC32 DSP board from Innovative Integrations) that has an AD669 D/A converter on board. Instead of the desired sweep from -10V to +10V, I get an odd assortment of linear pieces that looks like this:

```
output
^
+10 |//
|//
|//
+5 |//
|
|
|
0-----> command (0-FFFF)
//
//
//
-5 //
```

It looks like the dac's 2nd to the MSB bit is stuck high all the time, perhaps a problem on the PCB? At any rate, that's an issue on the input side of the dac, not on the output side, so "touching" the card couldn't be a cause.

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