

How to find HorizSync / VertRefresh rates?

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Hi all,

I'm trying to create a pristine xorg.conf, but I've been unable to find proper values for HorizSync and VertRefresh for my Dell Latitude D610.

I've tried the values presented in MonitorsDB
<<http://sources.gentoo.org/viewcvs.py/gentoo/src/hwdata/MonitorsDB?view=markup>>
for "Dell 1400x1050 Laptop Display Panel", which are HorizSync 31.5-90.0 and VertRefresh 59.0-75.0, but I get a warning in /var/log/Xorg.0.log for both of them saying they are "not within DDC ranges."

I've tried looking around the Dell web pages, but I haven't found any pages mentioning these parameters (not too surprising, really).

I've tried to leave these settings out, but even then I get a warning:
(WW) I810(0): config file hsync range 60-66.3158kHz not within DDC hsync ranges.

I'm wondering if this has anything to do with the other warnings I get during startup:
(WW) I810(0): Bad V_BIOS checksum
and
(WW) I810(0): Extended BIOS function 0x5f05 failed.

It seems that a DDC (or, apparently, DDS) query should be able to determine these numbers, but
cd /usr/ports && make search name=ddc && make search name=dds
doesn't give any tools to deal with this.

The relevant part of /etc/X11/xorg.conf:

```
Section "Monitor"
Identifier "Dell Latitude D610 monitor"
VendorName "SEC"
ModelName "3450"
# From Xorg.0.log
DisplaySize 286 214
Option "DPMS"
```

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EndSection

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Victor Engmark

Quidquid latine dictum sit, altum videtur – What is said in Latin,
sounds profound

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