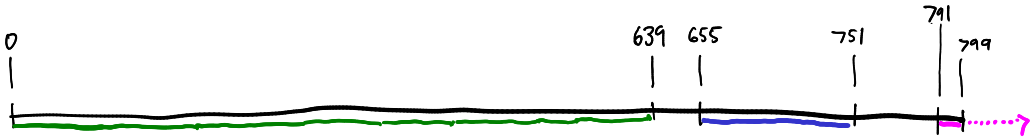
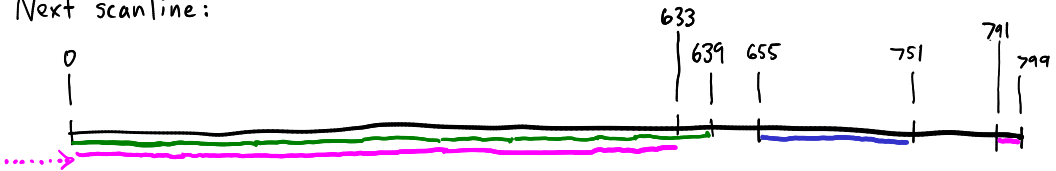
Readout module overview...with elevator music

visible pixels
horizontal sync pulse
horizontal activity

A horizontal scanline:



Next scanline:



Horizontal activity continues to VCOUNT = 631
of next scanline