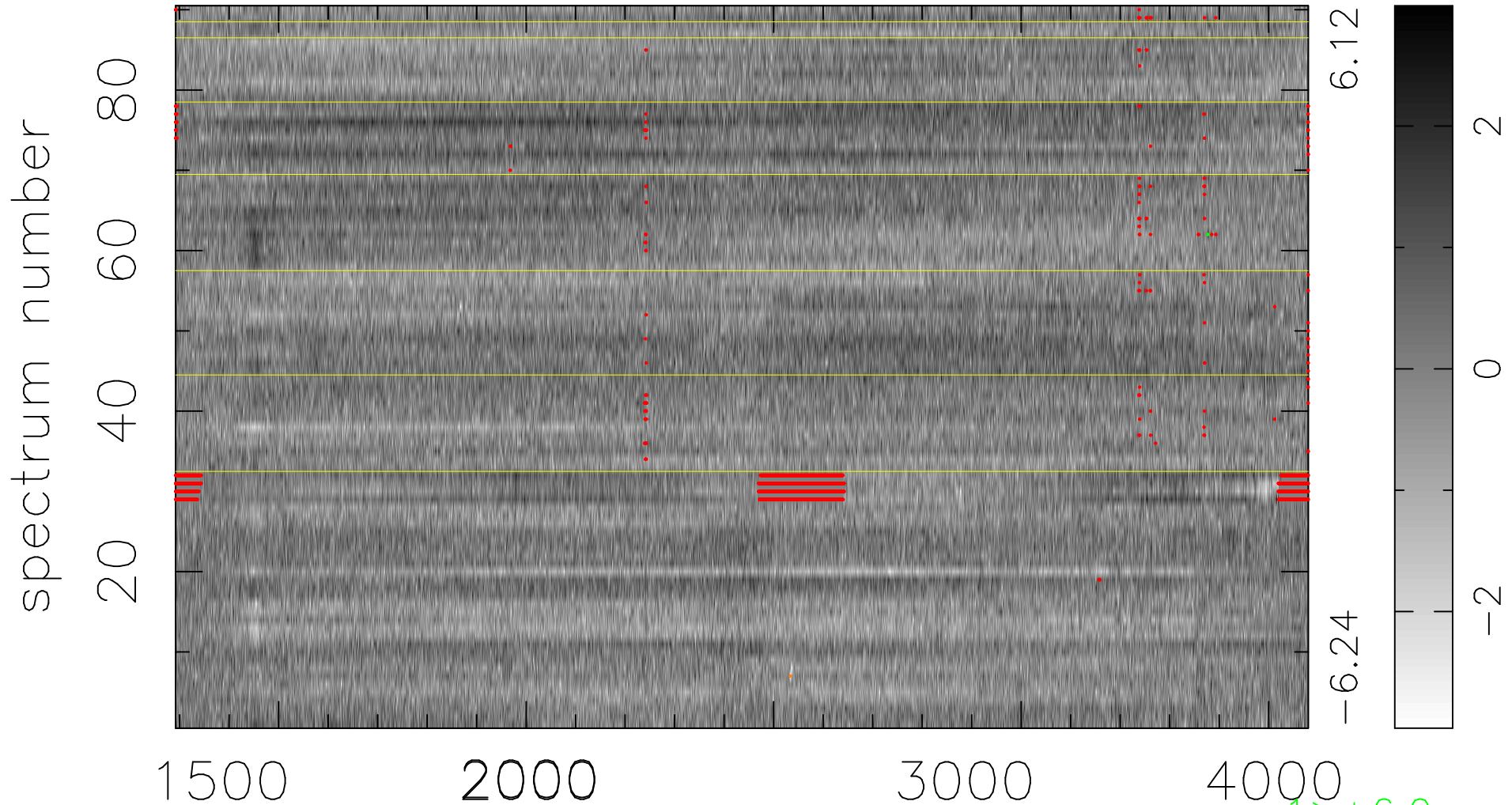


$$\chi(\lambda, t) = ( \text{Data} - \text{Model A} ) / \sigma \chi$$

$$\chi^2 / (411930 - 4974) = 1.058 \Rightarrow 1.007$$

4577x90



bad:2451=0.60%  $\lambda$  (Å)  $z = 1.50097$

$1 > +6.0\sigma$

$1 < -6.0\sigma$