

WFPC2 ETC results

Final Result

Signal-to-Noise Ratio = 19.2

Exposure Time Quantization

Exposure time 2400 seconds is an allowed quantized value.

Exposure Level

Maximum count level per pixel is 0.7 percent of saturation.

Cosmic Ray Splitting

Cosmic rays impact about 20 pixels per second per CCD, or about 7.7 percent of the pixels for this exposure (including mean overhead times).

Number of sub-exposures: Exposures are often split to aid in removal of cosmic rays; the degree of splitting depends on the science goals. Assuming the requested exposure is the total exposure of this object, here are rough recommendations for the number of sub-exposures (splits) under various scenarios: