

 $URL: \underline{http://cxc.harvard.edu/ciao3.4/dictionary/fi.html}$

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FI: Frontside Illuminated

A CCD chip (on \underline{ACIS}) in which X-rays are incident on the gate structure on the front of the chip. This blocks some low energy X-rays, but has lower background and (in the absence of parallel \underline{CTI}) provides better energy resolution than \underline{BI} (backside illuminated) chips.

See the ACIS entry for more details on the CCD chips.

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.

60 Garden Street, Cambridge, MA 02138 USA.

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