

XMM-Newton CCF Release Note

XMM-CCF-REL-294

EPIC PN Offset Table

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1 CCF Components

Name of CCF	VALDATE	EVALDATE	Blocks Changed	XSCS Flag
EPN_ADUCONV_0141.CCF	2011-12-21T10:05:34		OFFSET_GAIN	NO

2 Changes

A new PN Bad Pixel Table is systematically in use from revolution 2204 onwards, and the BPT_CODE header keyword value has been updated accordingly.

The BPT_CODE keyword identifies the current version of both the uploaded bad pixels *and* the column offsets and allows cross-checking between HK telemetry and CCF issue. Although the uploaded offsets remain unchanged, for consistency the EPN_ADUCONV CCFs do require an update because of the new the BPT_CODE keyword value in the OFFSET_GAIN extension.

3 Scientific Impact and Estimated Scientific Quality

There are no scientifically relevant changes with respect to the previous CCFs. The changes in the new CCF have no scientific impact.

4 Test Procedures and Results

Validity date verified with *cifbuild*; correct functionality tested with *epproc* (SAS 12.0.1).