

XMM-Newton CCF Release Note

XMM-CCF-REL-118

EPIC PN HK GTI selection

M. Kirsch

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1 CCF components

| Name of CCF | VALDATE | List of Blocks changed | CAL VERSION | XSCS flag |
|--------------------|---------------------|------------------------|----------------|-----------|
| EPN_HKPARMINT_0005 | 1999-01-01T00:00:00 | HKPARMINT | not applicable | NO |

2 Changes

The third parameter in HKPARMINT was changed from F1129 to F1128. The range of the parameter was changed to -91.0 - -89.0.

This change is motivated by the fact that running hkgigen on the PN event list derived from ObsId 0080940301 produces only empty tables. The problem was that F1129 (H_CE_TTMPS) values have been compared with the interval for the CCD fine temperature H_CE_TTMPFPF, which, however, is represented by F1128.

3 Scientific Impact of this Update

Without this change, hkgigen produces for some observations i.e. ObsId 0080940301 only empty tables.



4 Estimated Scientific Quality

5 Test procedures & results

This CCF was tested on ObsId 0080940301. hkgtigen gives now a GTI for the whole observation.

6 Expected Updates

No farthest update is expected.