

XMM-Newton CCF Release Note

XMM-CCF-REL-7

EPIC Modes

D Lumb

September 8, 2000

1 CCF components

Name of CCF	VALDATE	List of Blocks changed	CAL VERSION	XSCS flag
EMOS1.MODEPARAM_0005	2000-01-01T00:00:00	MODEPARAM		YES
EMOS2.MODEPARAM_0005	2000-01-01T00:00:00	MODEPARAM		YES
EPN.MODEPARAM_0003	2000-01-01T00:00:00	MODEPARAM		YES

2 Changes

First release

The file MODEPARAM allows to correct for factors such as the effective livetime per readout mode, out of time event fractions etc., which are used to correct the EXPOSURE times. The times are derived from the accurate clock sequence definitions, and thus determined by “dead-reckoning”.

3 Scientific Impact of this Update

4 Estimated Scientific Quality

Any imprecision in mode-dependent EXPOSURE corrections are expected to be small compared with the know deficiencies in effective area determination of CCDs and mirror.