

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59699 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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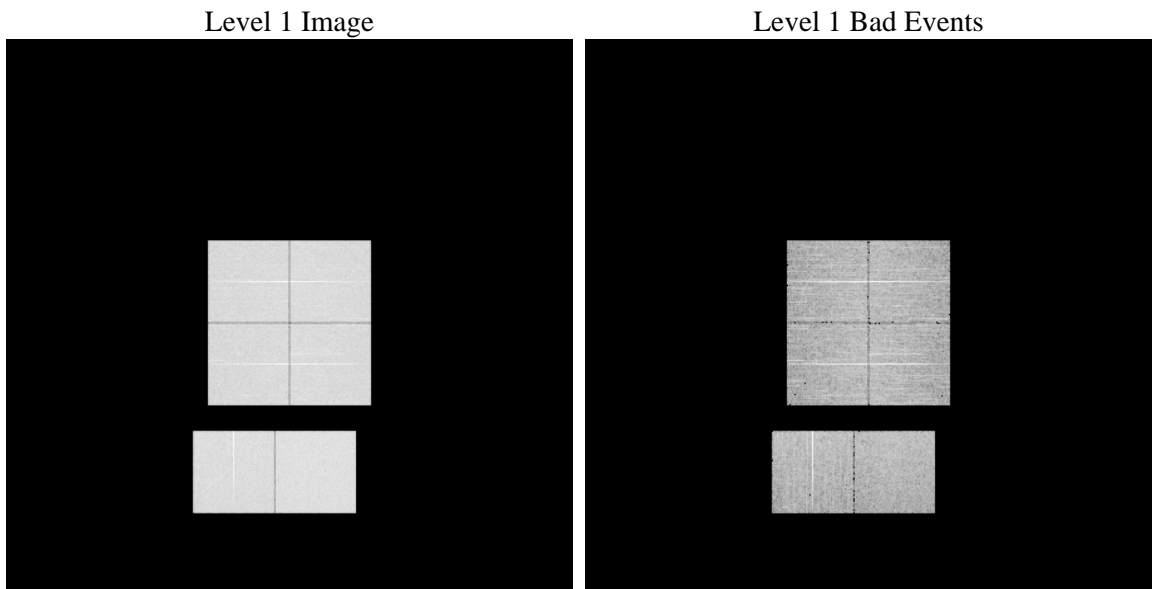
1 Front

seq_num	 	Sequence number
obs_id	59699	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	185.99262813748	Nominal RA [deg]
dec_nom	8.4712465092884	Nominal Dec [deg]
roll_nom	223.21453923524	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime0	7494.1243284047	Sum of GTIs [s]
ontime1	7685.3420554996	Sum of GTIs [s]
ontime2	7296.407555908	Sum of GTIs [s]
ontime3	7468.1971330941	Sum of GTIs [s]
ontime6	7957.525896132	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
l2events	1099442	Number of level 2 events

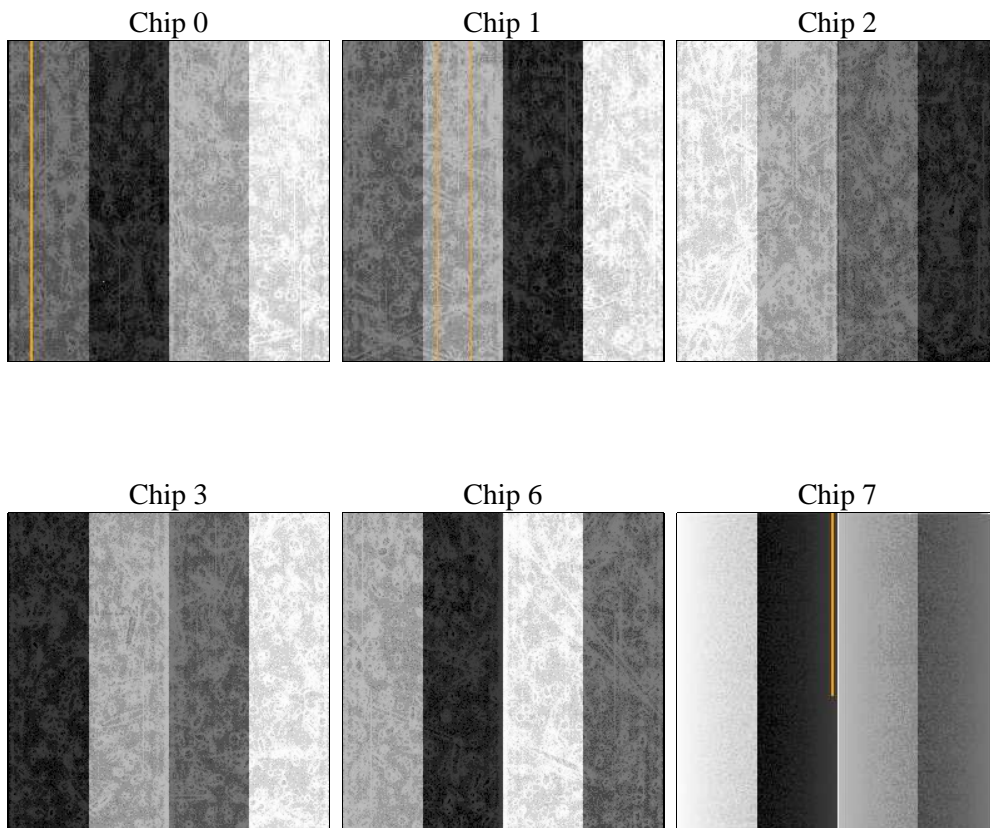
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8275.1999691725	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7494.1243284047	Sum of GTIs [s]
date	2012-12-22T07:06:09	Date and time of file creation	ontime1	7685.3420554996	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7296.407555908	Sum of GTIs [s]
			ontime3	7468.1971330941	Sum of GTIs [s]
			ontime6	7957.525896132	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			l1events	1489984	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	236748	242660	233376	240601	257850	278749	grade 0 events	100366	102171	100495	103704	107919	51892
rejected events	55103	55455	55260	57369	58126	52876		42%	42%	43%	43%	41%	18%
rejected %	23%	22%	23%	23%	22%	18%	grade 1 events	574	520	633	661	495	180
								0%	0%	0%	0%	0%	0%
							grade 2 events	31254	33817	29156	30216	34691	50200
								13%	13%	12%	12%	13%	18%
							grade 3 events	11862	11735	11646	11947	12510	21893
								5%	4%	4%	4%	4%	7%
							grade 4 events	11756	11761	11715	11904	12116	21783
								4%	4%	5%	4%	4%	7%
							grade 5 events	3363	3401	3001	3485	3680	8997
								1%	1%	1%	1%	1%	3%
							grade 6 events	26498	27796	25177	25542	32583	80201
								11%	11%	10%	10%	12%	28%
							grade 7 events	51075	51459	51553	53142	53856	43603
								21%	21%	22%	22%	20%	15%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	185.9926281374768	Alternating exposures requested	N	N
[deg] Pointing Dec	0	8.471246509288351	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	223.2145392352408			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	229866200.941755	229866199.91673			
Observation start date	2005-04-14T11:43:21	2005-04-14T11:43:19			
[s] Observation end time (MET)	229888652.542777	229888651.51775			
Observation end date	2005-04-14T17:57:33	2005-04-14T17:57:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments