

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55453 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

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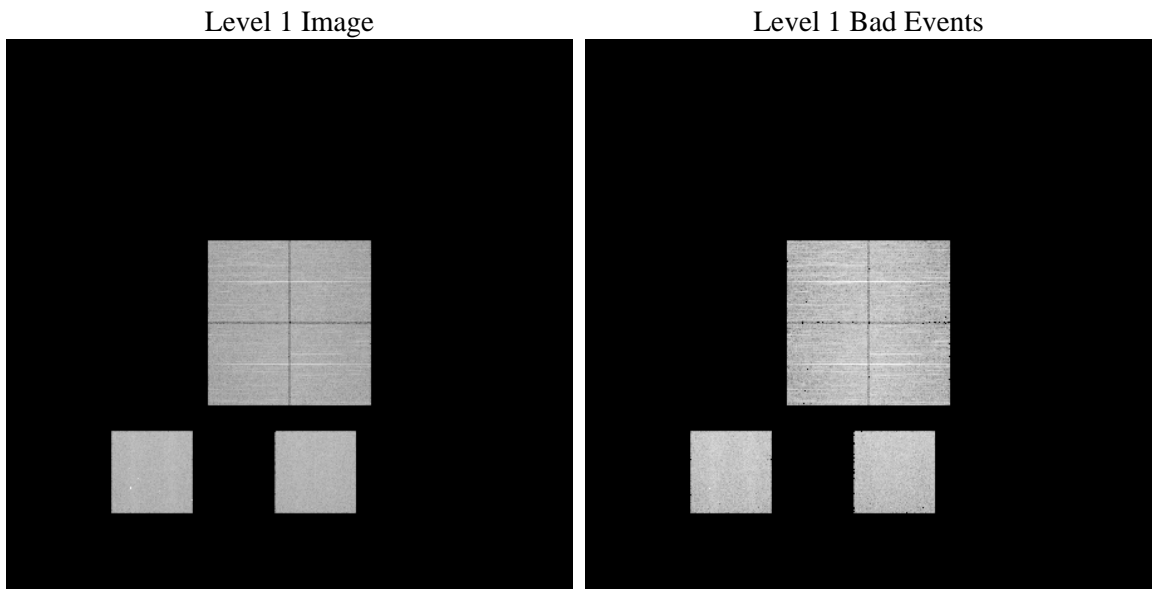
1 Front

seq_num	 	Sequence number
obs_id	55453	Observation id
title	ACIS-012357 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	337.98073517469	Nominal RA [deg]
dec_nom	33.023771923108	Nominal Dec [deg]
roll_nom	91.395981649812	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8286.9639307261	Sum of GTIs [s]
livetime	8182.0294036246	Livetime [s]
ontime0	8286.9228907228	Sum of GTIs [s]
ontime1	8286.8818507195	Sum of GTIs [s]
ontime2	8286.8408107162	Sum of GTIs [s]
ontime3	8287.0049707294	Sum of GTIs [s]
ontime5	8286.7997707129	Sum of GTIs [s]
ontime7	8286.9639307261	Sum of GTIs [s]
l2events	339012	Number of level 2 events

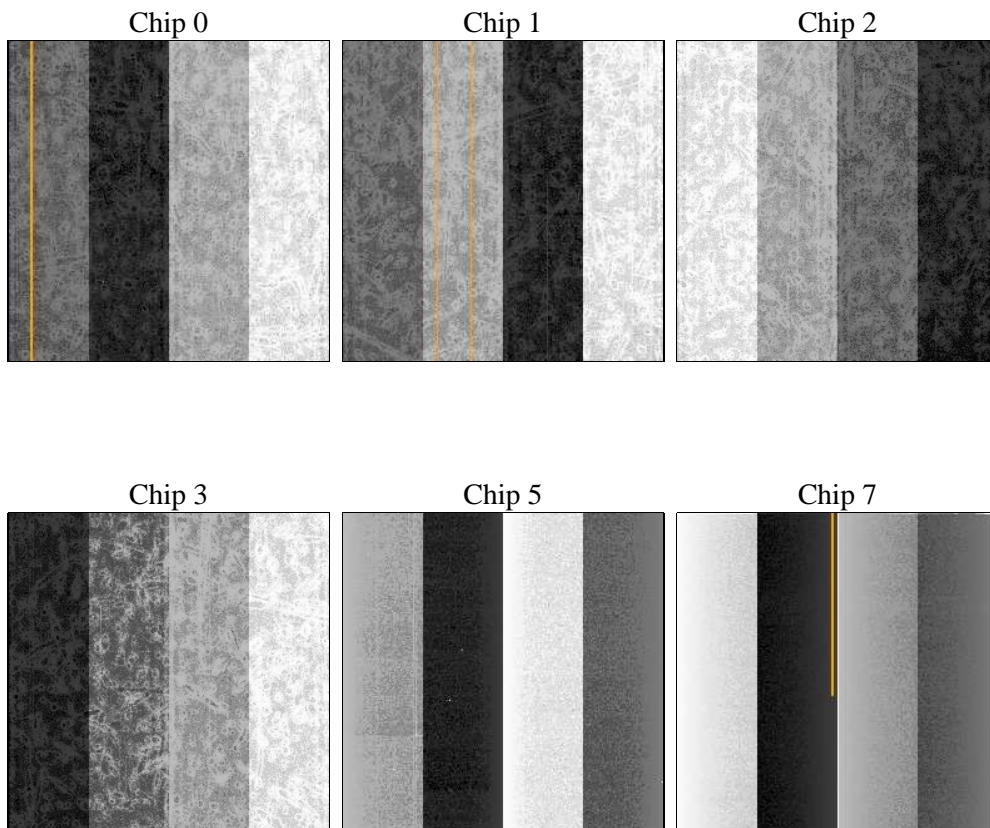
2 OBI

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	8.4.3	Processing system revision	ontime	8286.9639307261	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8286.9228907228	Sum of GTIs [s]
date	2012-02-09T16:21:59	Date and time of file creation	ontime1	8286.8818507195	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8286.8408107162	Sum of GTIs [s]
			ontime3	8287.0049707294	Sum of GTIs [s]
			ontime5	8286.7997707129	Sum of GTIs [s]
			ontime7	8286.9639307261	Sum of GTIs [s]
			l1events	708560	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	106295	103871	105456	109852	144045	139041	grade 0 events	24993	23645	25967	26887	7768	12443
rejected events	57315	53915	57075	60131	63136	60683		23%	22%	24%	24%	5%	8%
rejected %	53%	51%	54%	54%	43%	43%	grade 1 events	138	93	167	181	190	109
								0%	0%	0%	0%	0%	0%
							grade 2 events	9803	11917	8411	8793	30532	17327
								9%	11%	7%	8%	21%	12%
							grade 3 events	3225	2989	3302	3298	2647	6576
								3%	2%	3%	3%	1%	4%
							grade 4 events	3142	3004	3348	3385	2476	6251
								2%	2%	3%	3%	1%	4%
							grade 5 events	3197	3091	2940	3597	6676	8459
								3%	2%	2%	3%	4%	6%
							grade 6 events	7817	8401	7353	7358	37486	35761
								7%	8%	6%	6%	26%	25%
							grade 7 events	53980	50731	53968	56353	56270	52115
								50%	48%	51%	51%	39%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	337.9807351746893	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	33.02377192310838	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	91.39598164981163	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	421094752.322931	421094751.29792			
Observation start date	2011-05-06T18:45:52	2011-05-06T18:45:51			
[s] Observation end time (MET)	421104932.62346	421104931.59845			
Observation end date	2011-05-06T21:35:33	2011-05-06T21:35:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2869639307261

A.2 Comments