

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57006 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 9 2012

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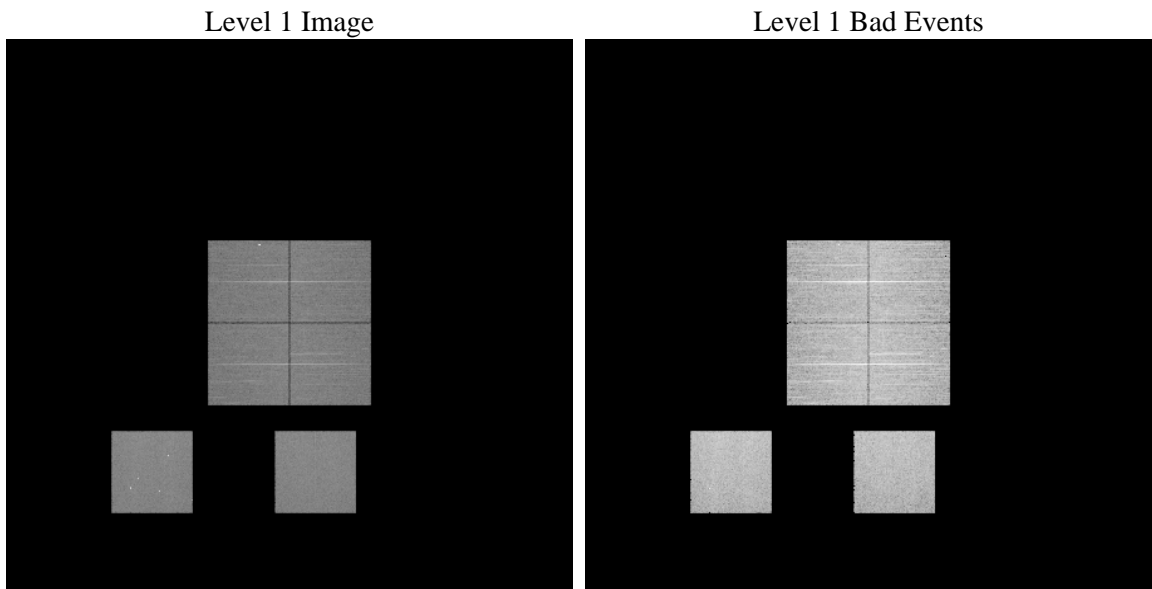
1 Front

seq_num	 	Sequence number
obs_id	57006	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	301.97524635906	Nominal RA [deg]
dec_nom	-14.984059366889	Nominal Dec [deg]
roll_nom	113.32136291945	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8271.999969244	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8268.7425575852	Sum of GTIs [s]
ontime3	8268.758928895	Sum of GTIs [s]
ontime5	8271.9425577521	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	510821	Number of level 2 events

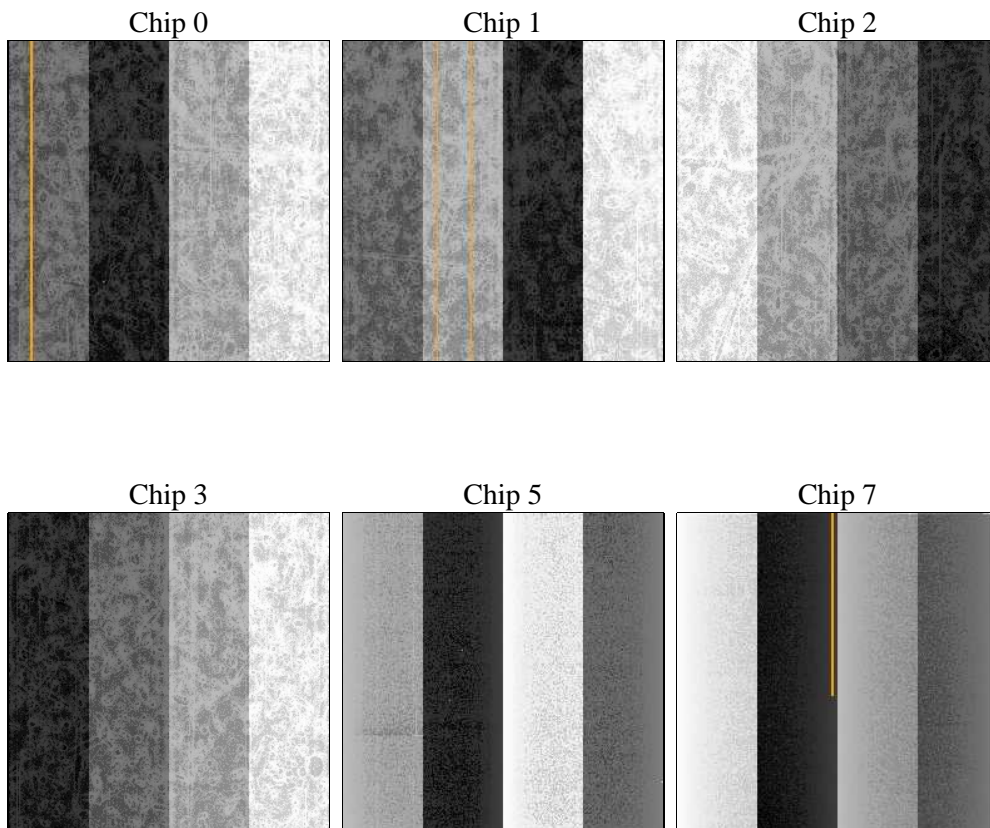
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-06-09T10:49:02	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.7425575852	Sum of GTIs [s]
			ontime3	8268.758928895	Sum of GTIs [s]
			ontime5	8271.9425577521	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	988367	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	151233	150971	153021	157587	189332	186223	grade 0 events	41274	40132	41638	42118	17932	21290
rejected events	70238	73977	76660	80508	73301	70953		27%	26%	27%	26%	9%	11%
rejected %	46%	49%	50%	51%	38%	38%	grade 1 events	290	223	350	352	317	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	17895	14488	13124	13308	41015	24997
								11%	9%	8%	8%	21%	13%
							grade 3 events	5263	5158	5240	5329	4966	10672
								3%	3%	3%	3%	2%	5%
							grade 4 events	5076	5176	5246	5225	5064	10593
								3%	3%	3%	3%	2%	5%
							grade 5 events	4183	4194	3903	4650	9582	11478
								2%	2%	2%	2%	5%	6%
							grade 6 events	11522	12062	11148	11130	47103	47760
								7%	7%	7%	7%	24%	25%
							grade 7 events	65730	69538	72372	75475	63353	59265
								43%	46%	47%	47%	33%	31%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	301.9752463590617
[deg] Pointing Dec	0	-14.98405936688876
[deg] Pointing Roll	0.0	113.3213629194532
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	362568245.638902	362568244.6139
Observation start date	2009-06-28T09:24:06	2009-06-28T09:24:04
[s] Observation end time (MET)	362579348.439457	362579347.41446
Observation end date	2009-06-28T12:29:08	2009-06-28T12:29:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments