

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56544 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

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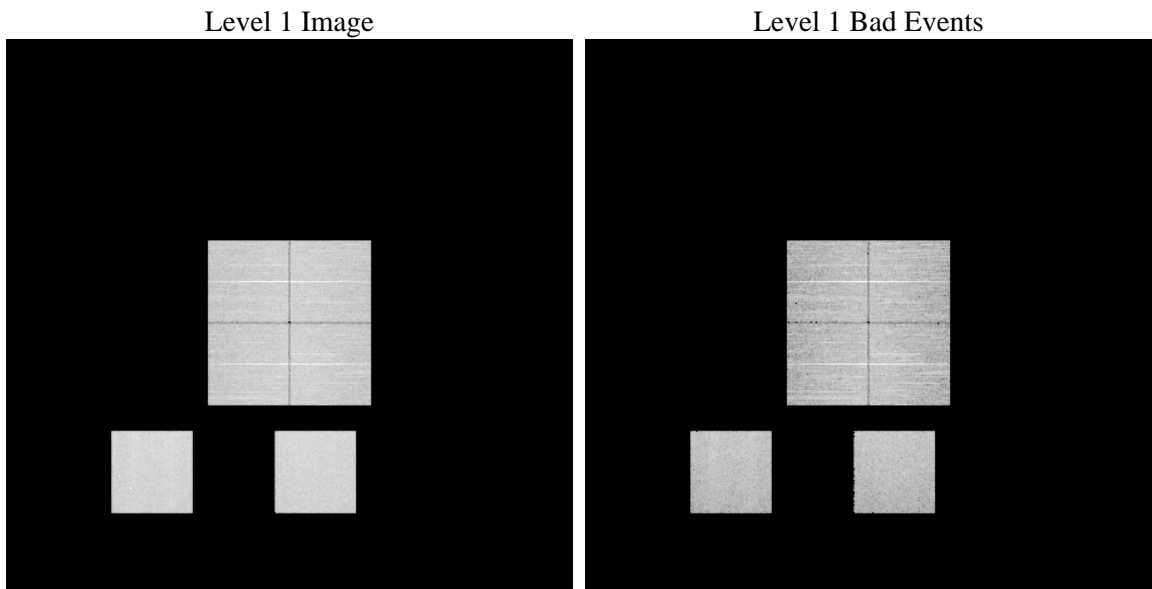
1 Front

seq_num	 	Sequence number
obs_id	56544	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	99.527214653799	Nominal RA [deg]
dec_nom	-0.99086614266267	Nominal Dec [deg]
roll_nom	345.66881410814	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	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	463483	Number of level 2 events

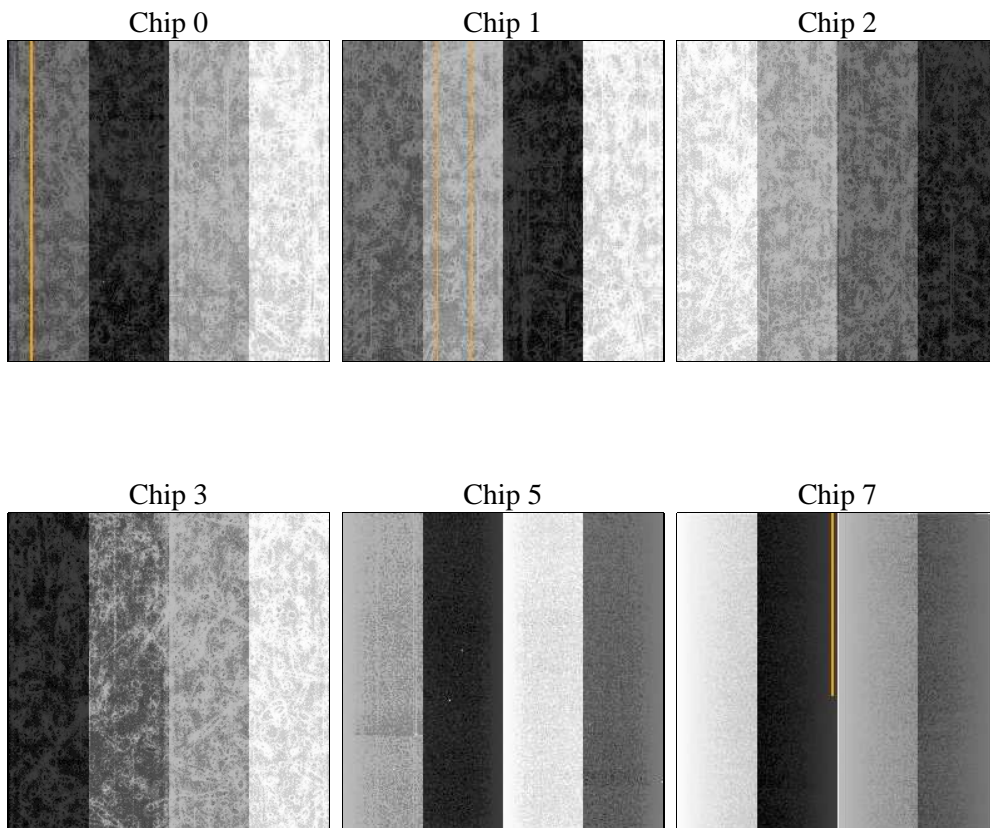
2 OBI

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	8.4.5	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-06-19T08:47:36	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime5	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	941321	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	141993	144738	143785	148025	183069	179711	grade 0 events	36331	34519	36594	37198	11382	18214
rejected events	73491	76415	76504	79805	76446	72936		25%	23%	25%	25%	6%	10%
rejected %	51%	52%	53%	53%	41%	40%	grade 1 events	254	196	281	312	252	149
								0%	0%	0%	0%	0%	0%
							grade 2 events	12551	13941	11557	11669	39804	23601
								8%	9%	8%	7%	21%	13%
							grade 3 events	4686	4526	4575	4640	4096	9315
								3%	3%	3%	3%	2%	5%
							grade 4 events	4516	4369	4623	4734	4016	9256
								3%	3%	3%	3%	2%	5%
							grade 5 events	4092	4068	3985	4483	9142	11028
								2%	2%	2%	3%	4%	6%
							grade 6 events	10437	10998	9964	10010	47369	46438
								7%	7%	6%	6%	25%	25%
							grade 7 events	69126	72121	72206	74979	67008	61710
								48%	49%	50%	50%	36%	34%

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	99.52721465379902
[deg] Pointing Dec	0	-0.9908661426626657
[deg] Pointing Roll	0.0	345.6688141081386
[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)	379058587.91777	379058586.89278
Observation start date	2010-01-05T06:03:08	2010-01-05T06:03:06
[s] Observation end time (MET)	379069621.018328	379069619.99333
Observation end date	2010-01-05T09:07:01	2010-01-05T09:06:59
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments