

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52699 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 17 2014

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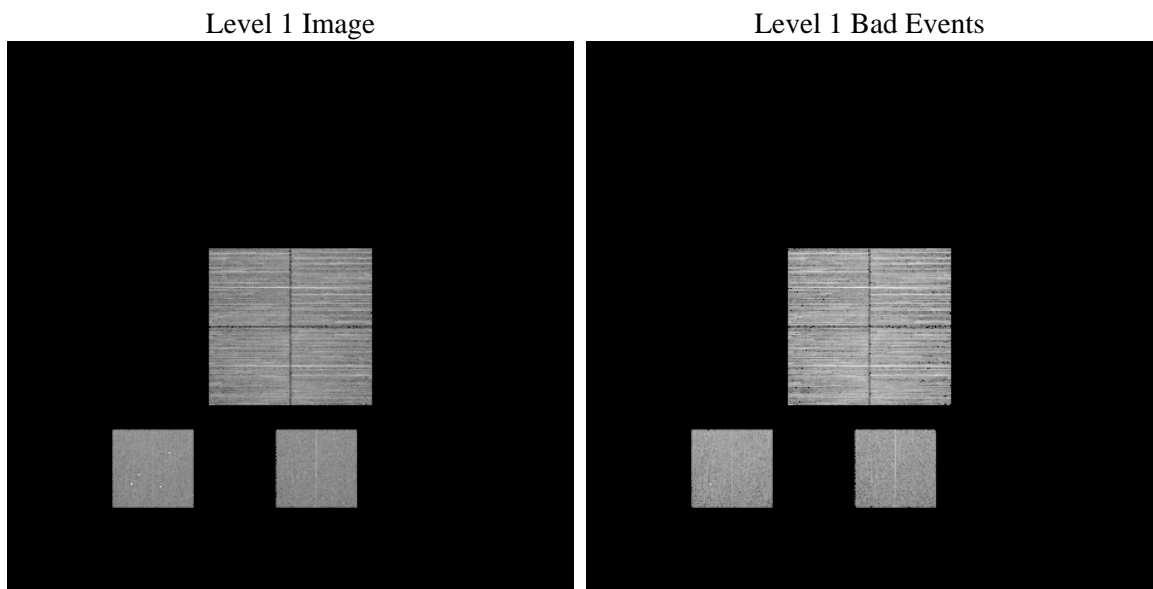
1 Front

seq_num	 	Sequence number
obs_id	52699	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	91.119309602929	Nominal RA [deg]
dec_nom	27.925023514545	Nominal Dec [deg]
roll_nom	238.95643271193	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6379.9483065009	Sum of GTIs [s]
livetime	6299.1615595003	Livetime [s]
ontime0	6379.9072664976	Sum of GTIs [s]
ontime1	6379.8662264943	Sum of GTIs [s]
ontime2	6379.825186491	Sum of GTIs [s]
ontime3	6379.9893465042	Sum of GTIs [s]
ontime5	6379.7841464877	Sum of GTIs [s]
ontime7	6379.9483065009	Sum of GTIs [s]
l2events	153490	Number of level 2 events

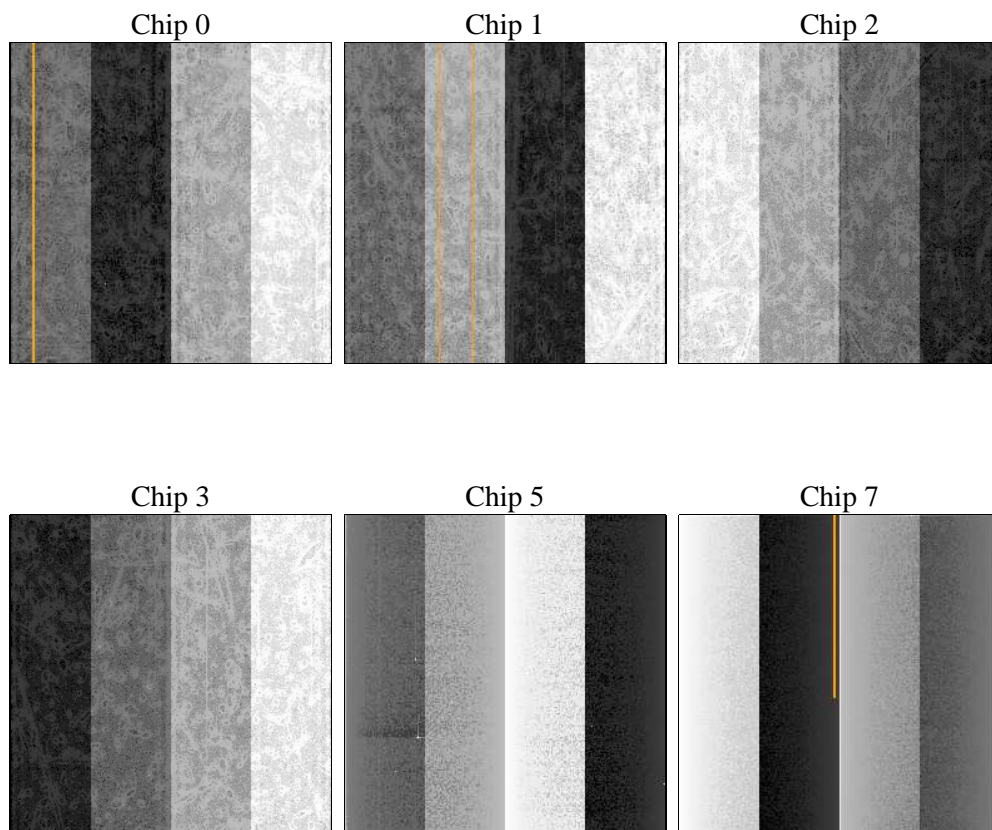
2 OBI

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	10.2.2	Processing system revision	ontime	6379.9483065009	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	6379.9072664976	Sum of GTIs [s]
date	2014-06-17T18:10:33	Date and time of file creation	ontime1	6379.8662264943	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6379.825186491	Sum of GTIs [s]
			ontime3	6379.9893465042	Sum of GTIs [s]
			ontime5	6379.7841464877	Sum of GTIs [s]
			ontime7	6379.9483065009	Sum of GTIs [s]
			l1events	642414	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	110807	115357	110373	113295	101358	91224	grade 0 events	10539	10148	10967	10869	7020	5477
rejected events	90746	95257	90112	93136	56356	52151		9%	8%	9%	9%	6%	6%
rejected %	81%	82%	81%	82%	55%	57%	grade 1 events	62	37	51	69	92	71
								0%	0%	0%	0%	0%	0%
							grade 2 events	4266	4372	4187	4103	16521	10031
								3%	3%	3%	3%	16%	10%
							grade 3 events	1415	1451	1400	1481	1694	3285
								1%	1%	1%	1%	1%	3%
							grade 4 events	1445	1480	1563	1465	1629	3371
								1%	1%	1%	1%	1%	3%
							grade 5 events	2205	2248	2124	2432	4884	5775
								1%	1%	1%	2%	4%	6%
							grade 6 events	3340	3622	3088	3239	20252	18768
								3%	3%	2%	2%	19%	20%
							grade 7 events	87535	91999	86993	89637	49266	44446
								78%	79%	78%	79%	48%	48%

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	91.11930960292875
[deg] Pointing Dec	0	27.92502351454532
[deg] Pointing Roll	0.0	238.9564327119324
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	519354794.289537	519354794.289537
Observation start date	2014-06-17T01:13:14	2014-06-17T01:13:14
[s] Observation end time (MET)	519363002.838151	519363002.838151
Observation end date	2014-06-17T03:30:03	2014-06-17T03:30:02
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3799483065009

A.2 Comments