

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56831 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

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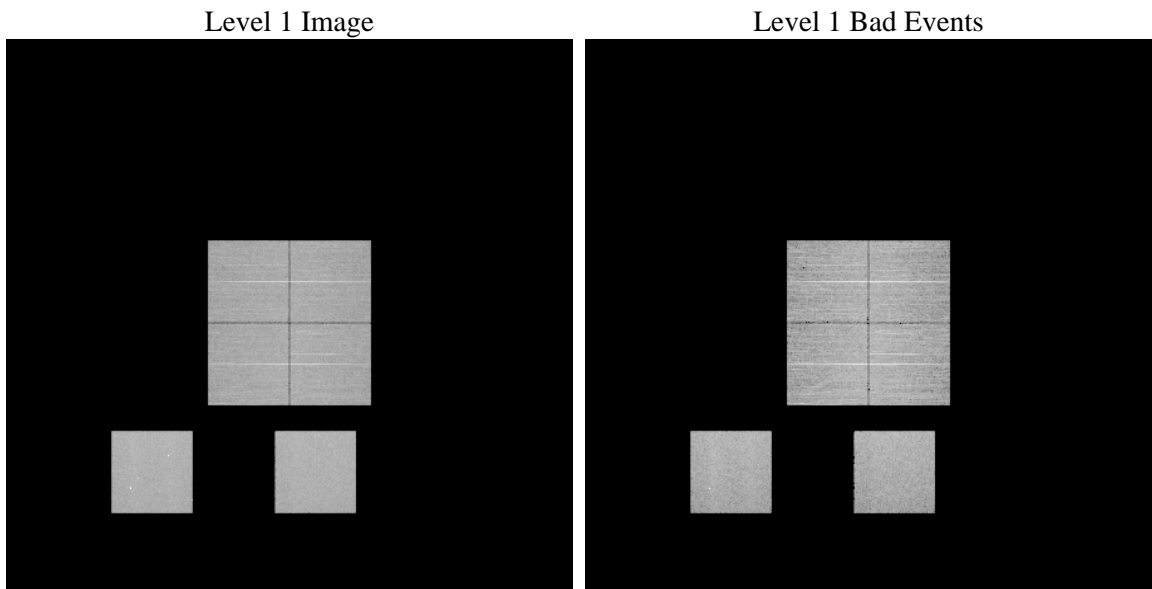
1 Front

seq_num	 	Sequence number
obs_id	56831	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	15.686790349527	Nominal RA [deg]
dec_nom	-1.41451148895	Nominal Dec [deg]
roll_nom	95.865325364688	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8450.1722409725	Sum of GTIs [s]
livetime	8343.1710719745	Livetime [s]
ontime0	8450.1312009692	Sum of GTIs [s]
ontime1	8450.0901609659	Sum of GTIs [s]
ontime2	8450.0491209626	Sum of GTIs [s]
ontime3	8450.2132809758	Sum of GTIs [s]
ontime5	8450.0080809593	Sum of GTIs [s]
ontime7	8450.1722409725	Sum of GTIs [s]
l2events	502154	Number of level 2 events

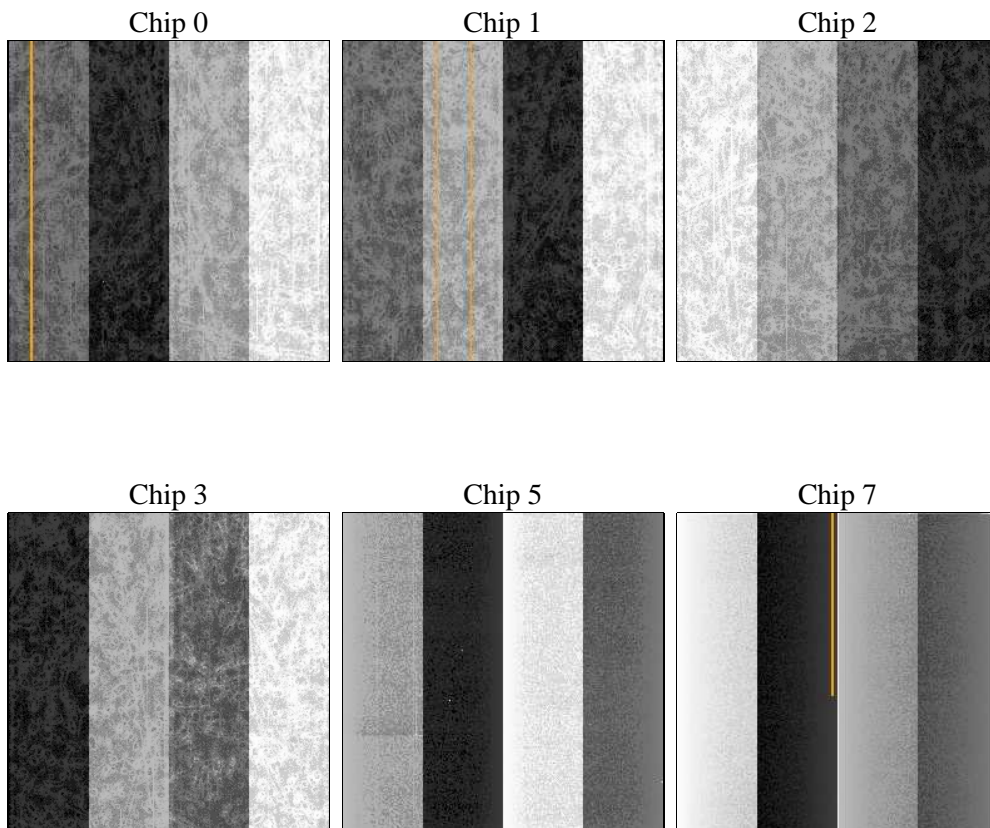
2 OBI

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	8450.1722409725	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8450.1312009692	Sum of GTIs [s]
date	2012-06-13T07:40:37	Date and time of file creation	ontime1	8450.0901609659	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8450.0491209626	Sum of GTIs [s]
			ontime3	8450.2132809758	Sum of GTIs [s]
			ontime5	8450.0080809593	Sum of GTIs [s]
			ontime7	8450.1722409725	Sum of GTIs [s]
			l1events	1008661	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	152960	153114	157906	161657	193639	189385	grade 0 events	39491	38398	40422	40806	13356	20022
rejected events	78653	78042	83362	87011	78453	75127		25%	25%	25%	25%	6%	10%
rejected %	51%	50%	52%	53%	40%	39%	grade 1 events	300	208	316	303	239	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	13534	14819	12769	12772	43357	25235
								8%	9%	8%	7%	22%	13%
							grade 3 events	4951	5015	5165	5110	4509	10096
								3%	3%	3%	3%	2%	5%
							grade 4 events	4977	4971	5204	5105	4314	10174
								3%	3%	3%	3%	2%	5%
							grade 5 events	4196	4251	3937	4593	9531	11674
								2%	2%	2%	2%	4%	6%
							grade 6 events	11379	11897	11011	10880	49690	48770
								7%	7%	6%	6%	25%	25%
							grade 7 events	74132	73555	79082	82088	68643	63275
								48%	48%	50%	50%	35%	33%

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	15.68679034952659	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.414511488950018	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	95.86532536468818	[s] Primary exposure time	3.2	3.2
[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)	369236467.522806	369236466.49781			
Observation start date	2009-09-13T13:41:08	2009-09-13T13:41:06			
[s] Observation end time (MET)	369246647.823317	369246646.79833			
Observation end date	2009-09-13T16:30:48	2009-09-13T16:30:46			
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)	2012.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4501722409725

A.2 Comments