

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55141 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 24 2012

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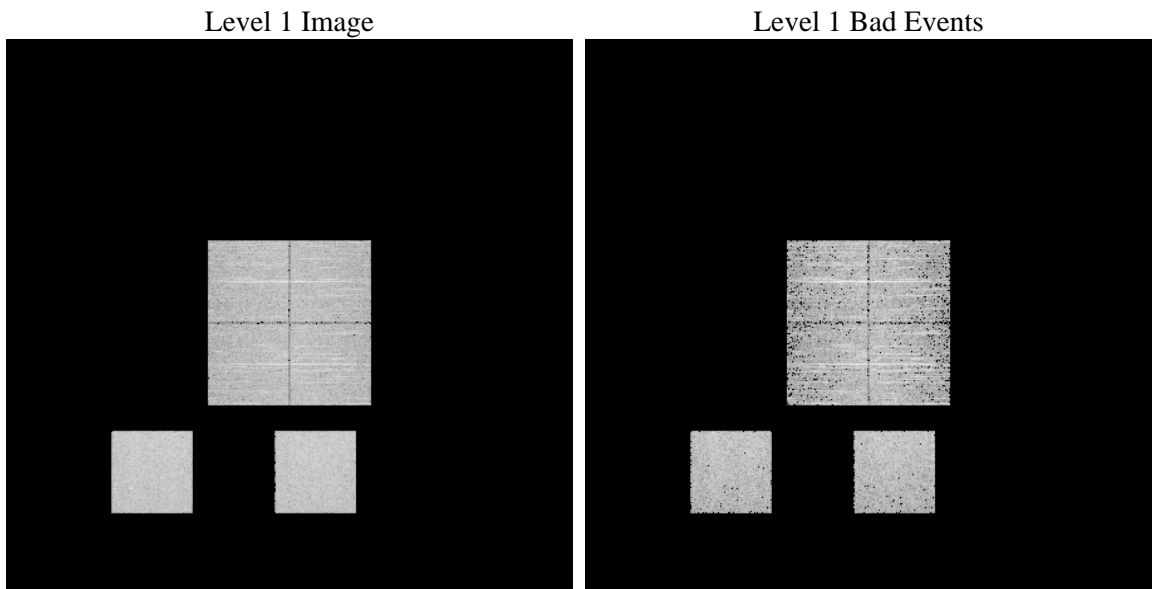
1 Front

seq_num	 	Sequence number
obs_id	55141	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	350.9901484085	Nominal RA [deg]
dec_nom	28.972624487186	Nominal Dec [deg]
roll_nom	219.5224060565	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4111.8712579012	Sum of GTIs [s]
livetime	4059.804268162	Livetime [s]
ontime0	4111.8302178979	Sum of GTIs [s]
ontime1	4111.7891778946	Sum of GTIs [s]
ontime2	4111.7481378913	Sum of GTIs [s]
ontime3	4111.9122979045	Sum of GTIs [s]
ontime5	4111.707097888	Sum of GTIs [s]
ontime7	4111.8712579012	Sum of GTIs [s]
l2events	153909	Number of level 2 events

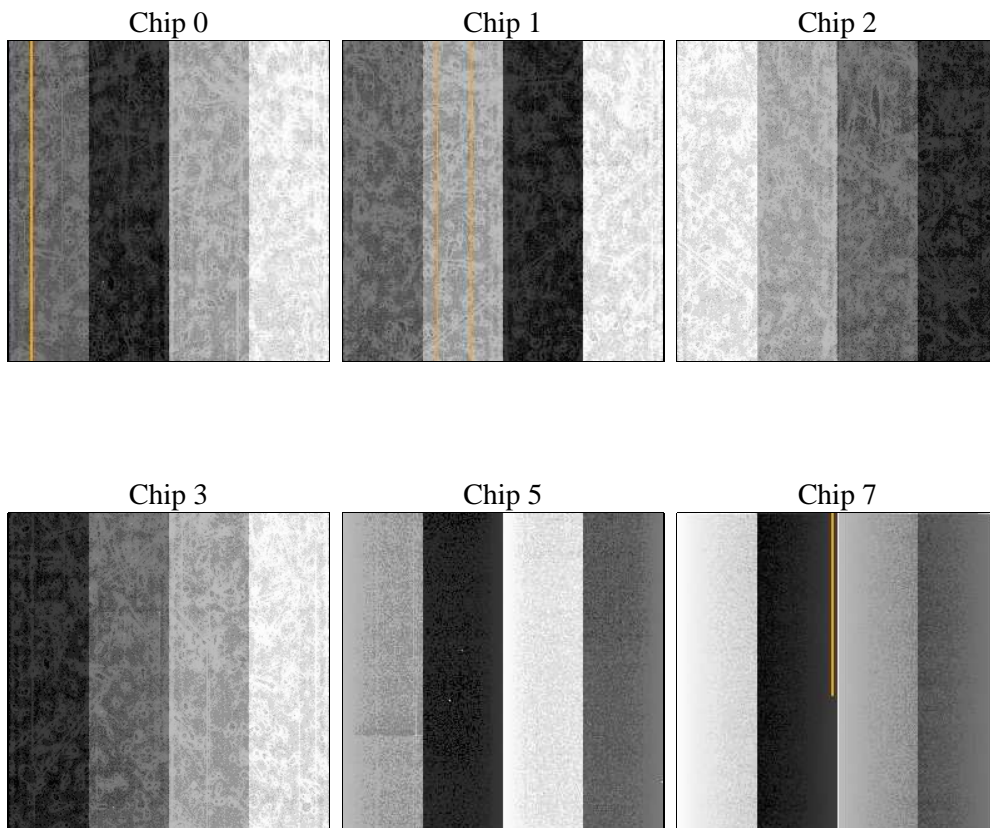
2 OBI

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	4111.8712579012	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4111.8302178979	Sum of GTIs [s]
date	2012-02-24T06:01:20	Date and time of file creation	ontime1	4111.7891778946	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4111.7481378913	Sum of GTIs [s]
			ontime3	4111.9122979045	Sum of GTIs [s]
			ontime5	4111.707097888	Sum of GTIs [s]
			ontime7	4111.8712579012	Sum of GTIs [s]
			l1events	314794	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	46682	46707	45602	49331	63667	62805	grade 0 events	11704	11309	11763	12141	3669	5872
rejected events	24363	24198	23658	26854	27481	26854		25%	24%	25%	24%	5%	9%
rejected %	52%	51%	51%	54%	43%	42%	grade 1 events	75	48	81	82	70	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	4200	4588	3780	3891	13618	7922
								8%	9%	8%	7%	21%	12%
							grade 3 events	1467	1467	1575	1547	1288	3163
								3%	3%	3%	3%	2%	5%
							grade 4 events	1449	1535	1512	1581	1253	3141
								3%	3%	3%	3%	1%	5%
							grade 5 events	1558	1589	1473	1674	3263	4009
								3%	3%	3%	3%	5%	6%
							grade 6 events	3499	3610	3314	3317	16358	15853
								7%	7%	7%	6%	25%	25%
							grade 7 events	22730	22561	22104	25098	24148	22797
								48%	48%	48%	50%	37%	36%

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	350.990148408505	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	28.97262448718601	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	219.5224060564951	[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)	434119173.430921	434119172.40594			
Observation start date	2011-10-04T12:39:33	2011-10-04T12:39:32			
[s] Observation end time (MET)	434125179.931236	434125178.90626			
Observation end date	2011-10-04T14:19:40	2011-10-04T14:19:38			
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)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1118712579012

A.2 Comments