

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53209 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 25 2013

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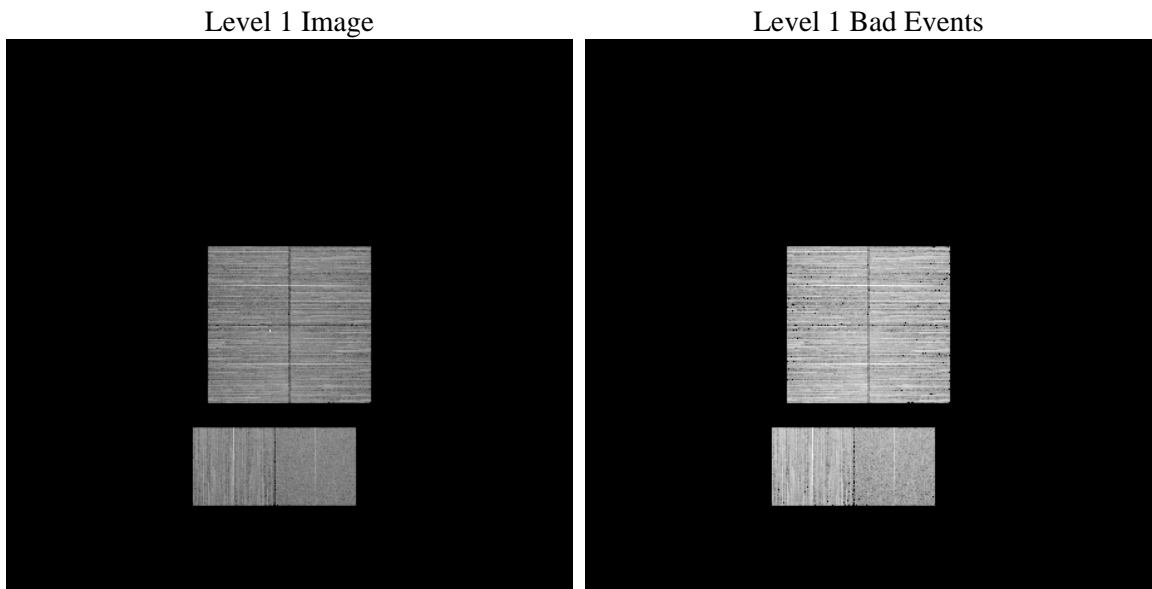
1 Front

seq_num	 	Sequence number
obs_id	53209	Observation id
title	ACIS-012367 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	266.44461798557	Nominal RA [deg]
dec_nom	88.670071397192	Nominal Dec [deg]
roll_nom	334.39682309523	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5247.9999805093	Sum of GTIs [s]
livetime	5181.5466447899	Livetime [s]
ontime0	5247.9999805093	Sum of GTIs [s]
ontime1	5247.9999805093	Sum of GTIs [s]
ontime2	5247.9594638348	Sum of GTIs [s]
ontime3	5247.9999805093	Sum of GTIs [s]
ontime6	5247.9184238315	Sum of GTIs [s]
ontime7	5247.9999805093	Sum of GTIs [s]
l2events	120099	Number of level 2 events

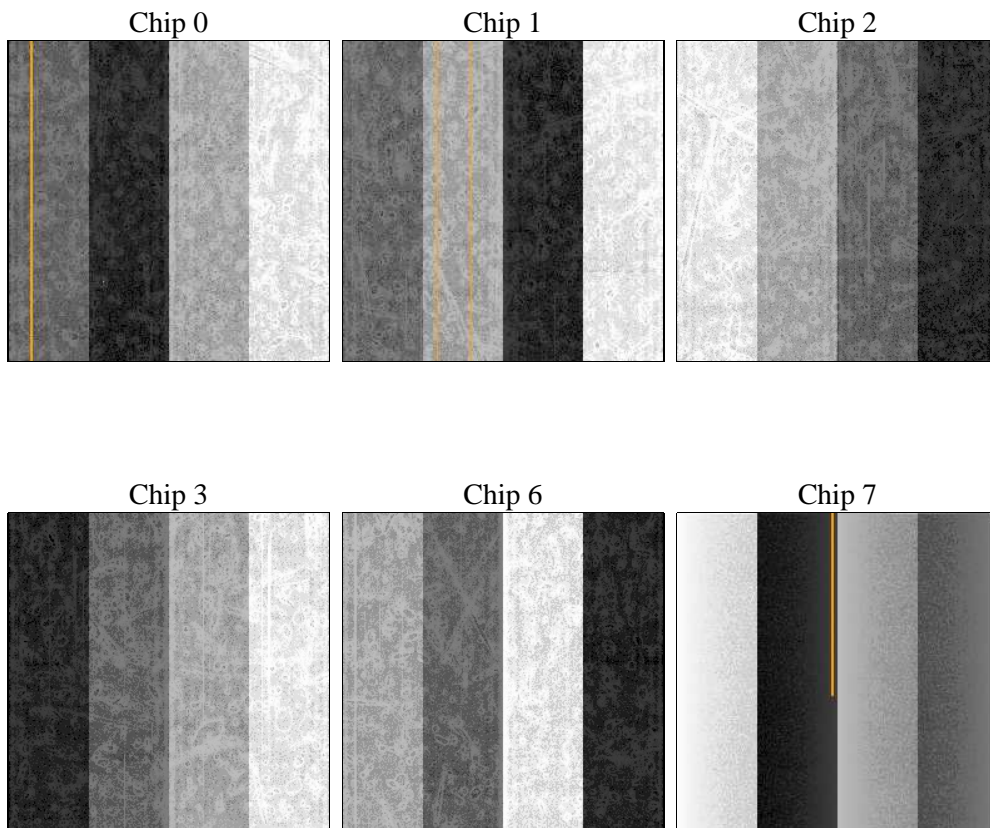
2 OBI

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	10.1.1	Processing system revision	ontime	5247.9999805093	Sum of GTIs [s]
caldbver	4.5.9	 	ontime0	5247.9999805093	Sum of GTIs [s]
date	2013-11-25T14:21:14	Date and time of file creation	ontime1	5247.9999805093	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5247.9594638348	Sum of GTIs [s]
			ontime3	5247.9999805093	Sum of GTIs [s]
			ontime6	5247.9184238315	Sum of GTIs [s]
			ontime7	5247.9999805093	Sum of GTIs [s]
			l1events	549867	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	87602	97098	102292	95451	91175	76249	grade 0 events	9292	9060	12497	9513	9543	4918
rejected events	69086	78596	80863	77012	71983	41971		10%	9%	12%	9%	10%	6%
rejected %	78%	80%	79%	80%	78%	55%	grade 1 events	48	52	64	50	61	46
								0%	0%	0%	0%	0%	0%
							grade 2 events	3733	3847	3586	3486	3907	8380
								4%	3%	3%	3%	4%	10%
							grade 3 events	1253	1271	1229	1311	1260	2797
								1%	1%	1%	1%	1%	3%
							grade 4 events	1299	1253	1292	1294	1230	2779
								1%	1%	1%	1%	1%	3%
							grade 5 events	1859	1804	1664	1962	1949	4643
								2%	1%	1%	2%	2%	6%
							grade 6 events	2952	3080	2839	2847	3262	15426
								3%	3%	2%	2%	3%	20%
							grade 7 events	67166	76731	79121	74988	69963	37260
								76%	79%	77%	78%	76%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	266.4446179855651	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	88.6700713971923	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	334.3968230952305	[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)	501725972.068662	501725971.04366			
Observation start date	2013-11-25T00:19:32	2013-11-25T00:19:31			
[s] Observation end time (MET)	501732427.519016	501732426.49402			
Observation end date	2013-11-25T02:07:08	2013-11-25T02:07:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2479999805093

A.2 Comments