

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54433 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 15 2012

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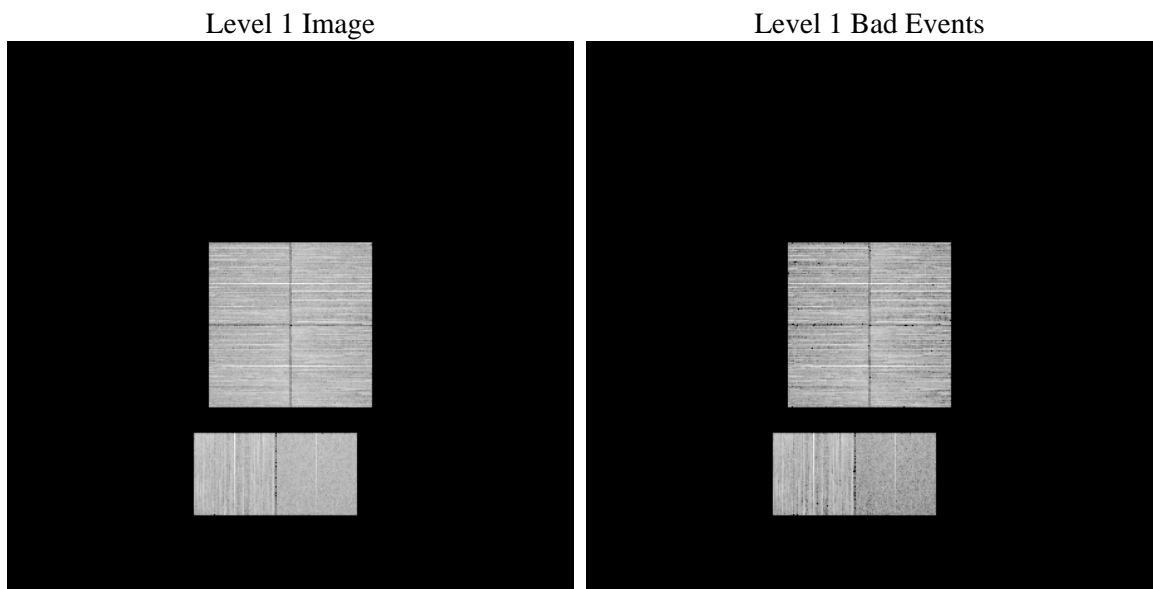
1 Front

seq_num	 	Sequence number
obs_id	54433	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	282.00887808573	Nominal RA [deg]
dec_nom	-11.027434574205	Nominal Dec [deg]
roll_nom	254.80464422826	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6335.9999764562	Sum of GTIs [s]
livetime	6255.7697296731	Livetime [s]
ontime0	6264.6970233917	Sum of GTIs [s]
ontime1	6267.9380736947	Sum of GTIs [s]
ontime2	6261.4559940696	Sum of GTIs [s]
ontime3	6264.6970334053	Sum of GTIs [s]
ontime6	6264.6970337033	Sum of GTIs [s]
ontime7	6335.9999764562	Sum of GTIs [s]
l2events	185235	Number of level 2 events

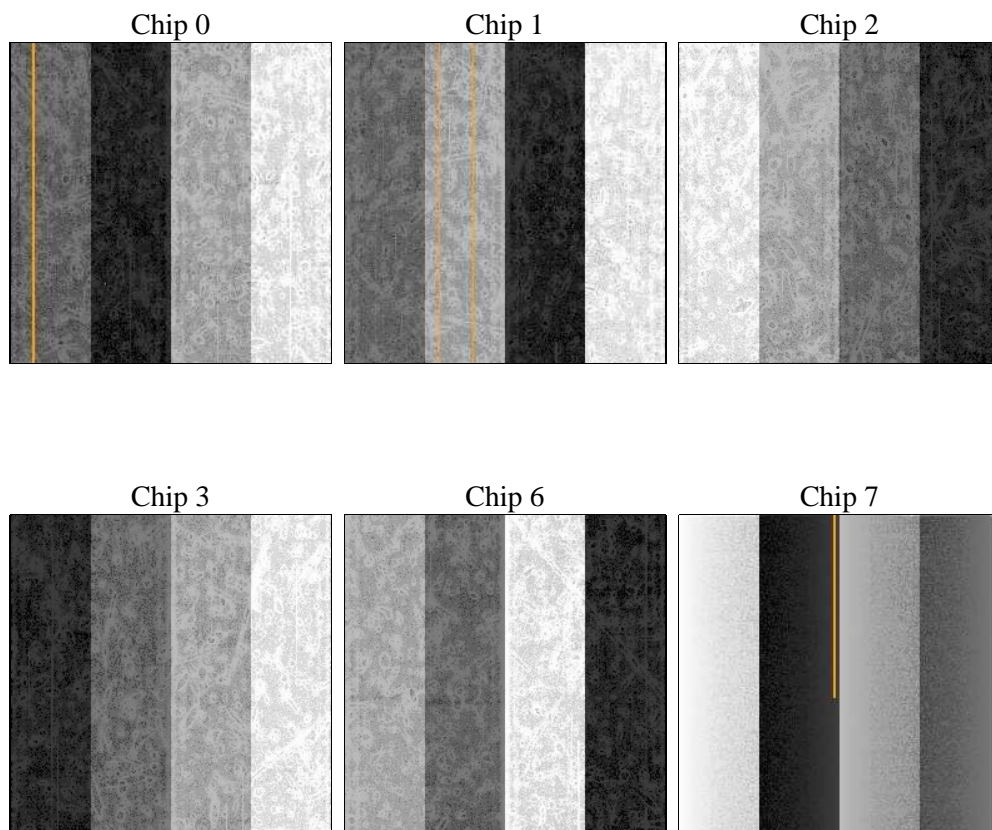
2 OBI

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	6335.9999764562	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	6264.6970233917	Sum of GTIs [s]
date	2012-08-15T14:30:47	Date and time of file creation	ontime1	6267.9380736947	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6261.4559940696	Sum of GTIs [s]
			ontime3	6264.6970334053	Sum of GTIs [s]
			ontime6	6264.6970337033	Sum of GTIs [s]
			ontime7	6335.9999764562	Sum of GTIs [s]
			l1events	714582	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	114483	126349	121139	123101	126463	103047	grade 0 events	15121	14838	15712	15671	15534	7833
rejected events	85486	97032	91891	93863	96036	53409		13%	11%	12%	12%	12%	7%
rejected %	74%	76%	75%	76%	75%	51%	grade 1 events	94	63	79	86	65	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	5702	6133	5545	5529	6184	12206
								4%	4%	4%	4%	4%	11%
							grade 3 events	1976	1932	2046	2024	1961	4216
								1%	1%	1%	1%	1%	4%
							grade 4 events	1937	1997	1994	2036	1988	4117
								1%	1%	1%	1%	1%	3%
							grade 5 events	2169	2163	2189	2435	2337	5809
								1%	1%	1%	1%	1%	5%
							grade 6 events	4560	4701	4256	4291	5079	21775
								3%	3%	3%	3%	4%	21%
							grade 7 events	82924	94522	89318	91029	93315	47015
								72%	74%	73%	73%	73%	45%

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	282.0088780857274	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.02743457420476	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	254.8046442282604	[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)	460395540.58145	460395539.55645			
Observation start date	2012-08-03T15:39:01	2012-08-03T15:38:59			
[s] Observation end time (MET)	460403648.331882	460403647.30688			
Observation end date	2012-08-03T17:54:08	2012-08-03T17:54:07			
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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3359999764562

A.2 Comments