

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54498 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

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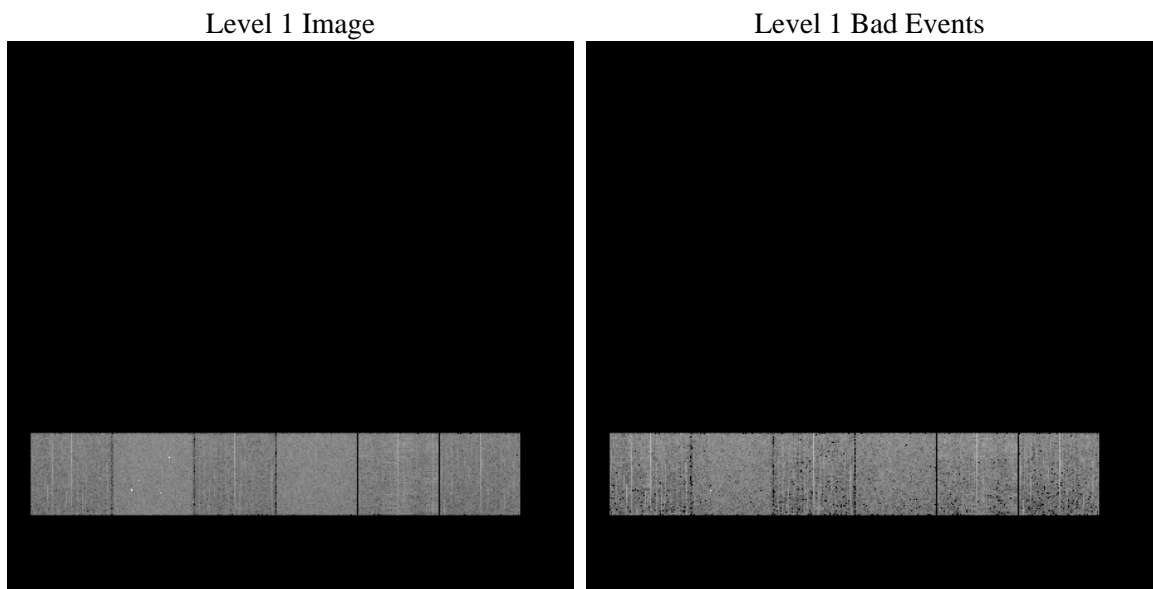
1 Front

seq_num	 	Sequence number
obs_id	54498	Observation id
title	ACIS-456789 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	265.99494224429	Nominal RA [deg]
dec_nom	-4.3281888022228	Nominal Dec [deg]
roll_nom	227.07909908996	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4623.9999828339	Sum of GTIs [s]
livetime	4565.4481108127	Livetime [s]
ontime4	4623.9999828339	Sum of GTIs [s]
ontime5	4623.9999828339	Sum of GTIs [s]
ontime6	4623.9999828339	Sum of GTIs [s]
ontime7	4623.9999828339	Sum of GTIs [s]
ontime8	4623.9999828339	Sum of GTIs [s]
ontime9	4623.9999828339	Sum of GTIs [s]
l2events	154326	Number of level 2 events

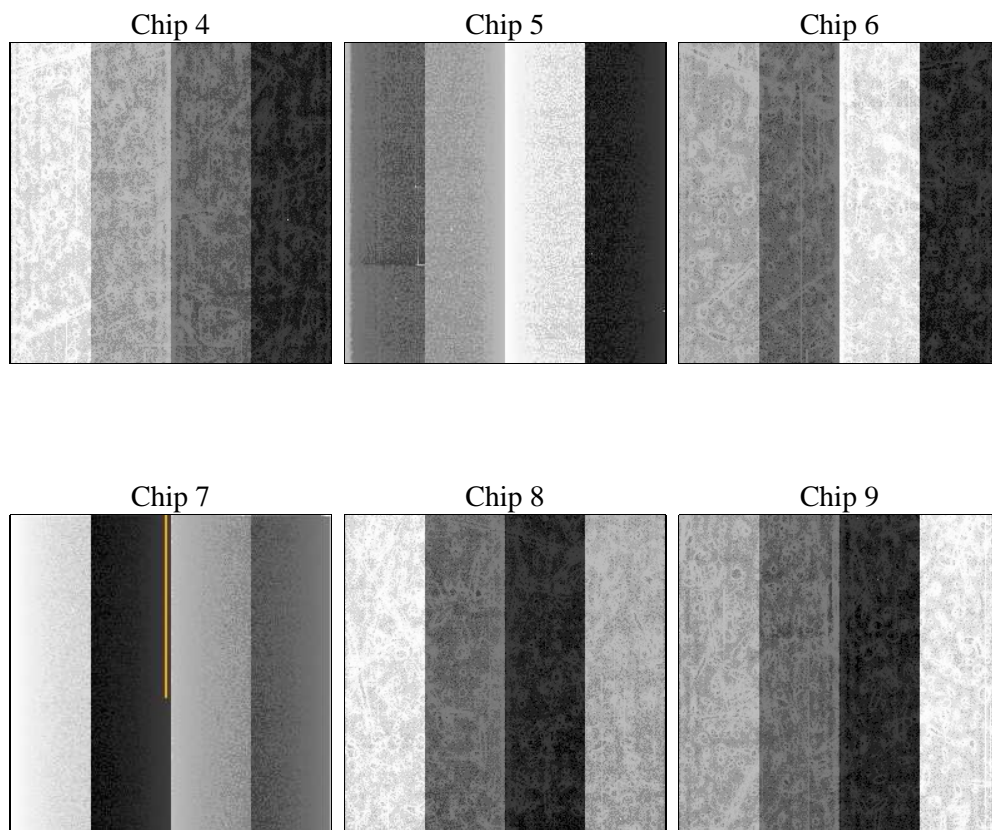
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4623.9999828339	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	4623.9999828339	Sum of GTIs [s]
date	2012-08-28T21:31:12	Date and time of file creation	ontime5	4623.9999828339	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4623.9999828339	Sum of GTIs [s]
			ontime7	4623.9999828339	Sum of GTIs [s]
			ontime8	4623.9999828339	Sum of GTIs [s]
			ontime9	4623.9999828339	Sum of GTIs [s]
			l1events	350469	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	51155	71383	51419	66141	60333	50038	grade 0 events	11877	6292	11708	5939	13116	11552
rejected events	29728	31147	28545	29748	32182	27931		23%	8%	22%	8%	21%	23%
rejected %	58%	43%	55%	44%	53%	55%	grade 1 events	108	81	75	47	78	78
								0%	0%	0%	0%	0%	0%
							grade 2 events	3491	13867	4286	7910	5388	3879
								6%	19%	8%	11%	8%	7%
							grade 3 events	1585	1561	1484	3180	2235	1554
								3%	2%	2%	4%	3%	3%
							grade 4 events	1536	1487	1495	3153	2252	1491
								3%	2%	2%	4%	3%	2%
							grade 5 events	1773	3967	1922	4571	2471	2002
								3%	5%	3%	6%	4%	4%
							grade 6 events	2938	17029	3901	16211	5160	3631
								5%	23%	7%	24%	8%	7%
							grade 7 events	27847	27099	26548	25130	29633	25851
								54%	37%	51%	37%	49%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	265.9949422442916	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.32818880222275	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	227.0790990899645	[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)	458110505.909566	458110504.88457			
Observation start date	2012-07-08T04:55:06	2012-07-08T04:55:04			
[s] Observation end time (MET)	458117024.909914	458117023.88491			
Observation end date	2012-07-08T06:43:45	2012-07-08T06:43:43			
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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6239999828339

A.2 Comments