

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61499 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 22 2012

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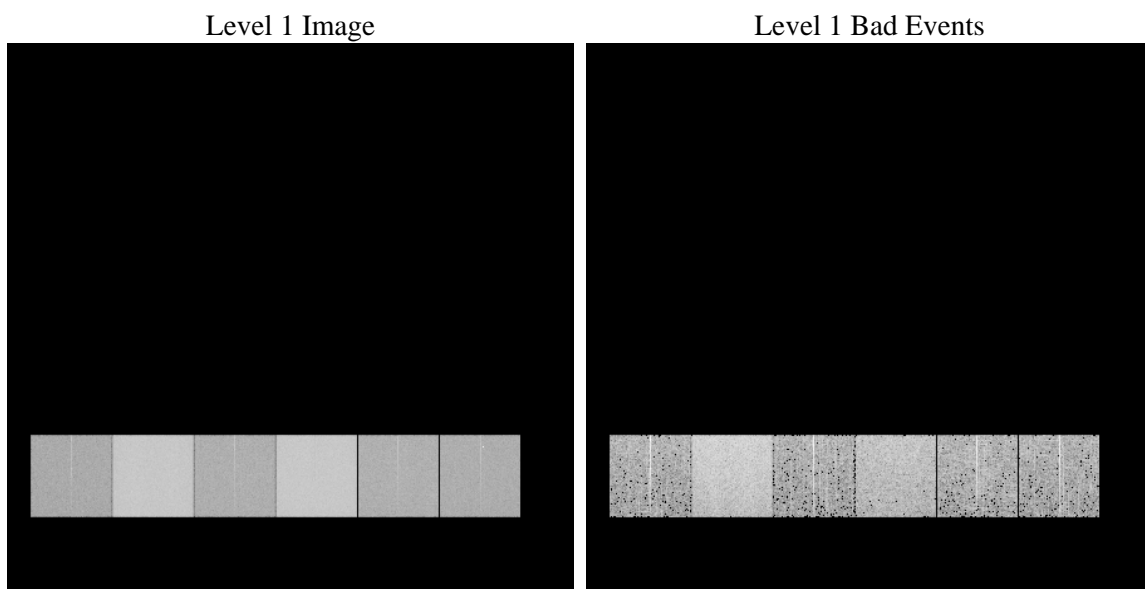
1 Front

seq_num	 	Sequence number
obs_id	61499	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	4.9733315162003	Nominal RA [deg]
dec_nom	12.011833899425	Nominal Dec [deg]
roll_nom	122.89276500582	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6340.5949127078	Sum of GTIs [s]
livetime	6260.3064820752	Livetime [s]
ontime4	2260.1818330437	Sum of GTIs [s]
ontime5	6862.3892237246	Sum of GTIs [s]
ontime6	2496.7777025998	Sum of GTIs [s]
ontime7	6340.5949127078	Sum of GTIs [s]
ontime8	2585.8281569183	Sum of GTIs [s]
ontime9	2462.4636764079	Sum of GTIs [s]
l2events	1315173	Number of level 2 events

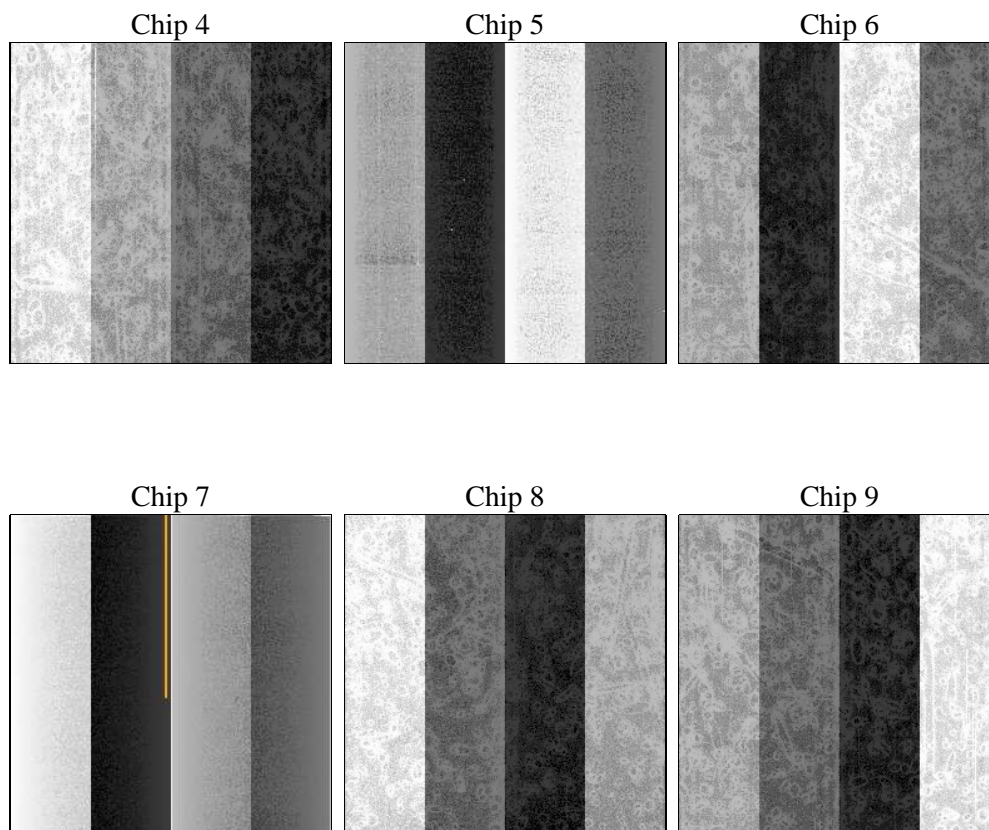
2 OBI

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	6340.5949127078	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2260.1818330437	Sum of GTIs [s]
date	2012-09-22T11:48:10	Date and time of file creation	ontime5	6862.3892237246	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2496.7777025998	Sum of GTIs [s]
			ontime7	6340.5949127078	Sum of GTIs [s]
			ontime8	2585.8281569183	Sum of GTIs [s]
			ontime9	2462.4636764079	Sum of GTIs [s]
			l1events	1546905	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	152911	422849	179125	431994	188038	171988	grade 0 events	73152	83663	85685	100237	90595	82774
rejected events	22480	51315	22069	34271	24122	22010		47%	19%	47%	23%	48%	48%
rejected %	14%	12%	12%	7%	12%	12%	grade 1 events	441	286	390	279	503	382
								0%	0%	0%	0%	0%	0%
							grade 2 events	23706	140036	27297	88441	28665	26200
								15%	33%	15%	20%	15%	15%
							grade 3 events	7843	22536	9709	40311	10386	9227
								5%	5%	5%	9%	5%	5%
							grade 4 events	8006	21984	9604	39926	10471	9390
								5%	5%	5%	9%	5%	5%
							grade 5 events	1227	9228	1537	6880	1733	1462
								0%	2%	0%	1%	0%	0%
							grade 6 events	17911	104199	24956	129623	24017	22812
								11%	24%	13%	30%	12%	13%
							grade 7 events	20625	40917	19947	26297	21668	19741
								13%	9%	11%	6%	11%	11%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	4.973331516200252	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.01183389942491	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	122.8927650058186			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	114484782.976	114484782.20709			
Observation start date	2001-08-18T01:19:43	2001-08-18T01:19:42			
[s] Observation end time (MET)	114507232.526	114507231.75797			
Observation end date	2001-08-18T07:33:53	2001-08-18T07:33:51			
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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3405949127078

A.2 Comments