

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58327 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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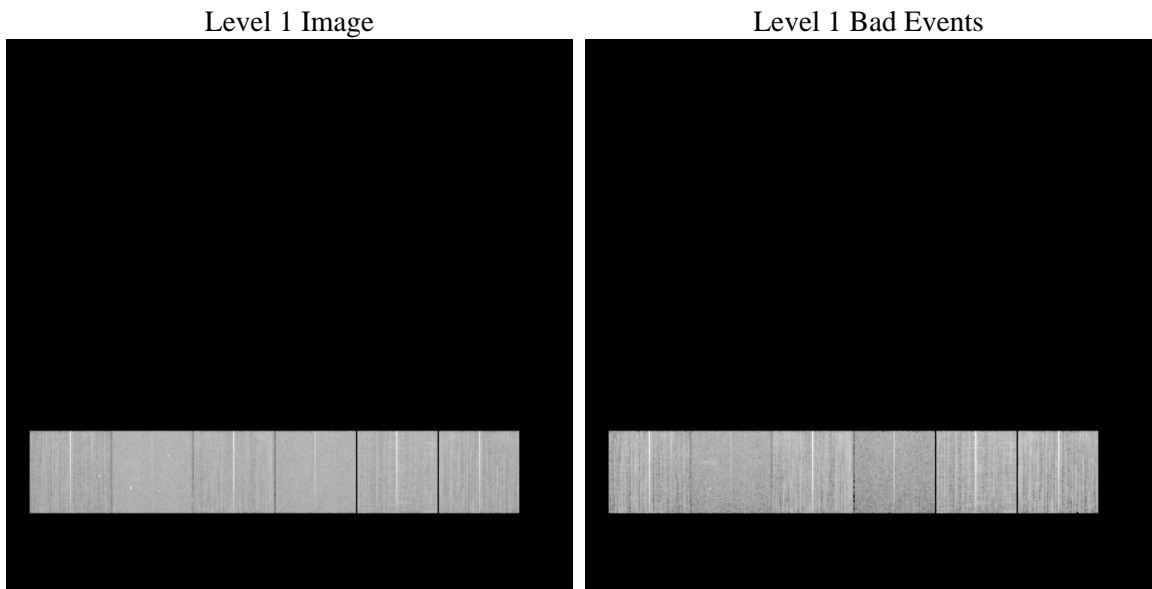
1 Front

seq_num	 	Sequence number
obs_id	58327	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	302.9713895421	Nominal RA [deg]
dec_nom	0.10241100253885	Nominal Dec [deg]
roll_nom	142.3437710557	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9239743948	Sum of GTIs [s]
livetime	8169.1545670721	Livetime [s]
ontime4	5879.213634491	Sum of GTIs [s]
ontime5	8273.8829343915	Sum of GTIs [s]
ontime6	6355.1777144074	Sum of GTIs [s]
ontime7	8273.9239743948	Sum of GTIs [s]
ontime8	6685.6766347289	Sum of GTIs [s]
ontime9	6170.5645591617	Sum of GTIs [s]
l2events	652379	Number of level 2 events

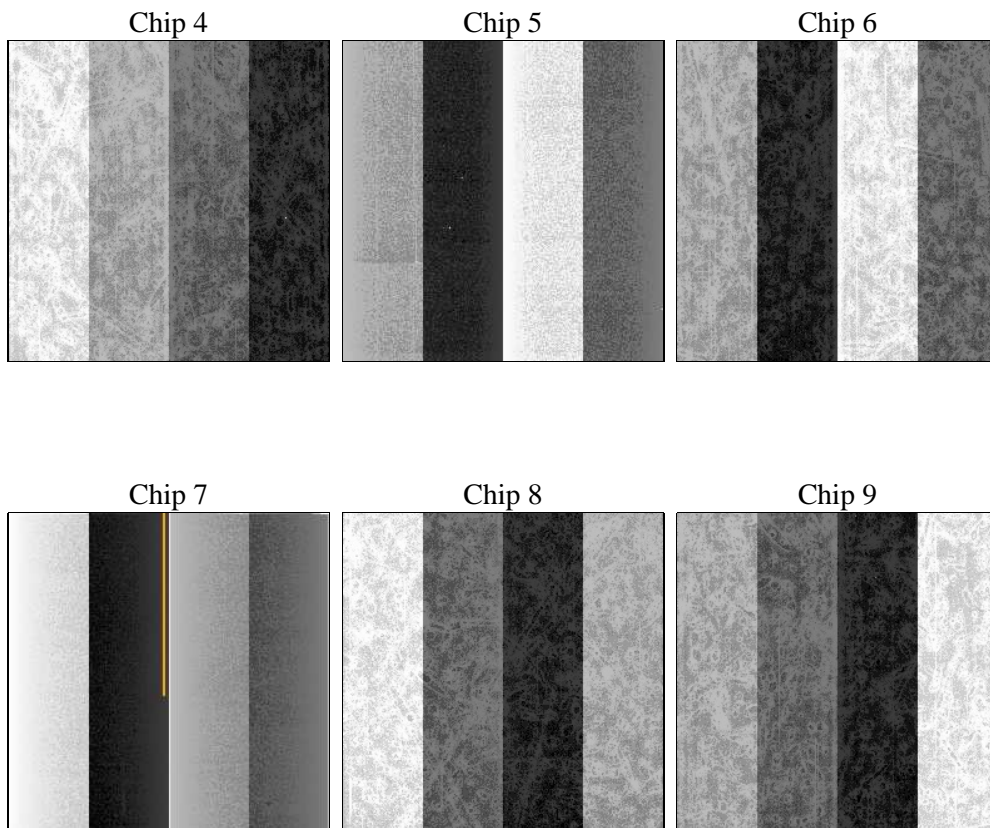
2 OBI

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	8.4.4	Processing system revision	ontime	8273.9239743948	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5879.213634491	Sum of GTIs [s]
date	2012-04-27T15:00:44	Date and time of file creation	ontime5	8273.8829343915	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6355.1777144074	Sum of GTIs [s]
			ontime7	8273.9239743948	Sum of GTIs [s]
			ontime8	6685.6766347289	Sum of GTIs [s]
			ontime9	6170.5645591617	Sum of GTIs [s]
			l1events	1494416	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	223562	258981	255442	251866	263812	240753	grade 0 events	48785	23177	50907	31829	56949	48671
rejected events	137289	107174	158123	91430	152106	149304		21%	8%	19%	12%	21%	20%
rejected %	61%	41%	61%	36%	57%	62%	grade 1 events	476	272	319	168	338	304
								0%	0%	0%	0%	0%	0%
							grade 2 events	15311	59542	19031	38973	21099	17118
								6%	22%	7%	15%	7%	7%
							grade 3 events	5686	6586	5803	14415	7809	5948
								2%	2%	2%	5%	2%	2%
							grade 4 events	5594	6431	5943	14266	7498	5755
								2%	2%	2%	5%	2%	2%
							grade 5 events	3092	9421	3269	10663	4507	3558
								1%	3%	1%	4%	1%	1%
							grade 6 events	10897	56071	15635	60953	18351	13957
								4%	21%	6%	24%	6%	5%
							grade 7 events	133721	97481	154535	80599	147261	145442
								59%	37%	60%	32%	55%	60%

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	302.9713895420958	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.1024110025388534	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	142.3437710557038			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	300003122.767431	300003121.74243			
Observation start date	2007-07-05T06:12:03	2007-07-05T06:12:01			
[s] Observation end time (MET)	300026792.068564	300026791.04356			
Observation end date	2007-07-05T12:46:32	2007-07-05T12:46:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739239743948

A.2 Comments