

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58707 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 13 2012

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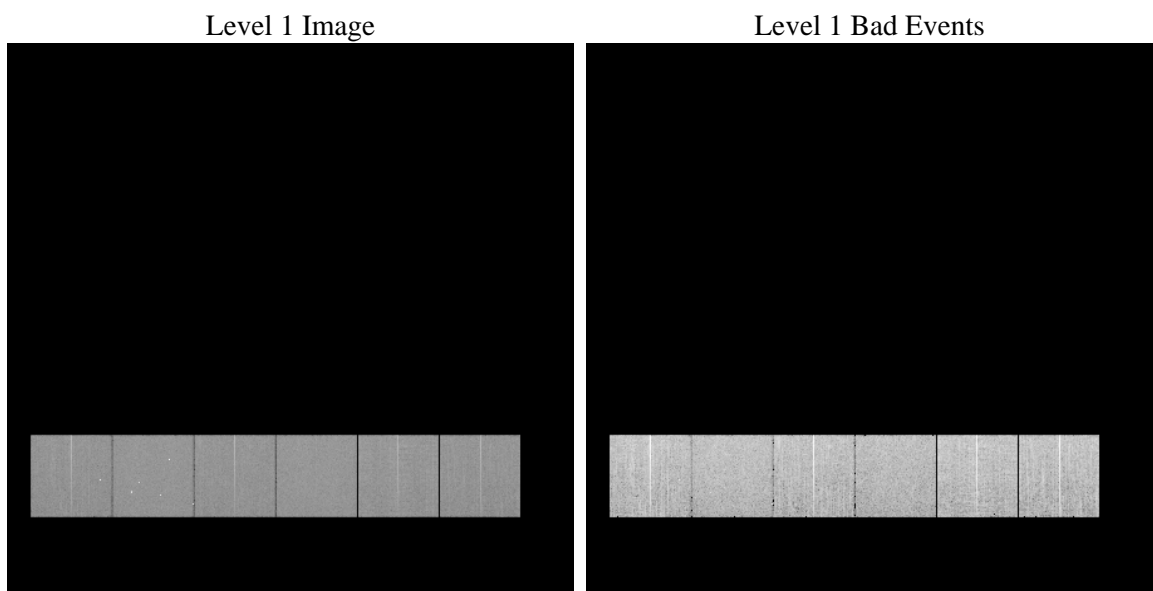
1 Front

seq_num	 	Sequence number
obs_id	58707	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	165.45948256361	Nominal RA [deg]
dec_nom	-59.680412051639	Nominal Dec [deg]
roll_nom	106.78209353184	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7609.5999717116	Sum of GTIs [s]
livetime	7513.2426349188	Livetime [s]
ontime4	7609.5999717116	Sum of GTIs [s]
ontime5	7609.5999717116	Sum of GTIs [s]
ontime6	7609.5999717116	Sum of GTIs [s]
ontime7	7609.5999717116	Sum of GTIs [s]
ontime8	7609.5999717116	Sum of GTIs [s]
ontime9	7609.5999717116	Sum of GTIs [s]
l2events	802768	Number of level 2 events

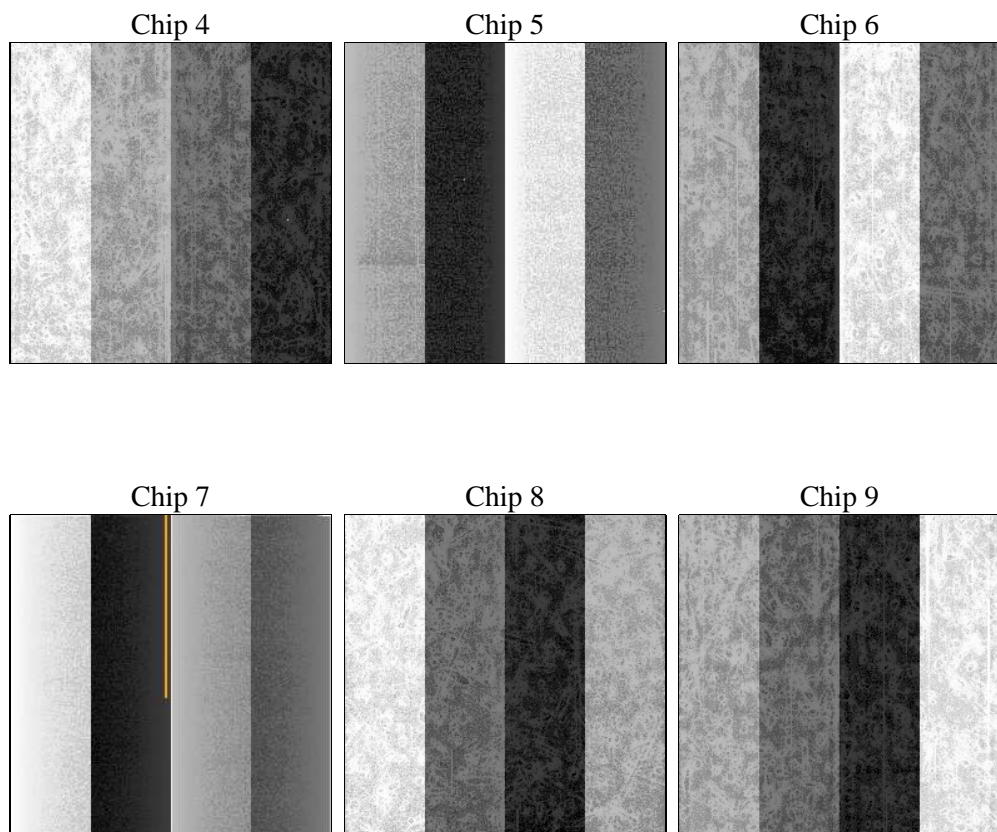
2 OBI

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	8.4.3.1	Processing system revision	ontime	7609.5999717116	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	7609.5999717116	Sum of GTIs [s]
date	2012-04-13T14:59:16	Date and time of file creation	ontime5	7609.5999717116	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7609.5999717116	Sum of GTIs [s]
			ontime7	7609.5999717116	Sum of GTIs [s]
			ontime8	7609.5999717116	Sum of GTIs [s]
			ontime9	7609.5999717116	Sum of GTIs [s]
			l1events	1255839	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	200744	215898	203398	215771	218789	201239	grade 0 events	75601	32168	73890	35683	76914	72318
rejected events	70397	60447	64726	54943	70743	68301		37%	14%	36%	16%	35%	35%
rejected %	35%	27%	31%	25%	32%	33%	grade 1 events	687	312	423	165	517	490
								0%	0%	0%	0%	0%	0%
							grade 2 events	20331	54713	24410	35436	26597	22798
								10%	25%	12%	16%	12%	11%
							grade 3 events	8747	8136	8780	15666	10221	8671
								4%	3%	4%	7%	4%	4%
							grade 4 events	8678	8128	8826	15451	10091	8610
								4%	3%	4%	7%	4%	4%
							grade 5 events	3730	8639	3818	9297	4780	4275
								1%	4%	1%	4%	2%	2%
							grade 6 events	17055	52374	22831	58660	24297	20662
								8%	24%	11%	27%	11%	10%
							grade 7 events	65915	51428	60420	45413	65372	63415
								32%	23%	29%	21%	29%	31%

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	165.4594825636053	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-59.68041205163875	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	106.7820935318431			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	279627310.798502	279627309.77349			
Observation start date	2006-11-11T10:15:11	2006-11-11T10:15:09			
[s] Observation end time (MET)	279671398.100586	279671397.07557			
Observation end date	2006-11-11T22:29:58	2006-11-11T22:29:57			
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)	2012.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6095999717116

A.2 Comments