

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 58719 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

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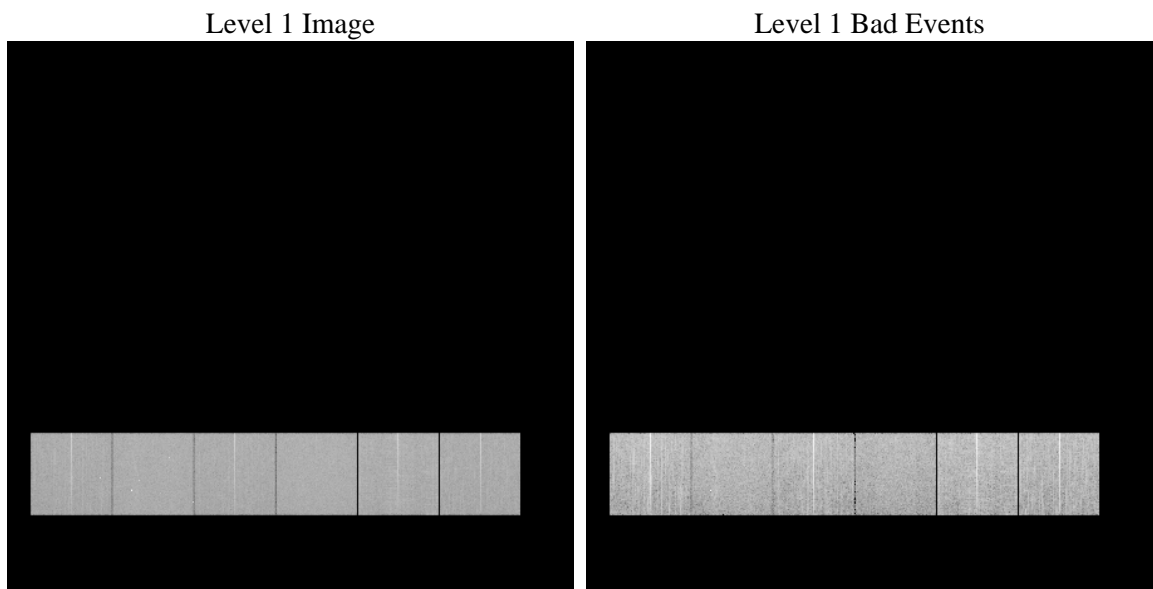
1 Front

seq_num	 	Sequence number
obs_id	58719	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	69.991147351938	Nominal RA [deg]
dec_nom	7.0272411430265	Nominal Dec [deg]
roll_nom	75.003306508448	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7794.3427174687	Sum of GTIs [s]
livetime	7695.6460567904	Livetime [s]
ontime4	7794.2195974588	Sum of GTIs [s]
ontime5	7794.3016774654	Sum of GTIs [s]
ontime6	7794.2606374621	Sum of GTIs [s]
ontime7	7794.3427174687	Sum of GTIs [s]
ontime8	7794.1785574555	Sum of GTIs [s]
ontime9	7794.383757472	Sum of GTIs [s]
l2events	815220	Number of level 2 events

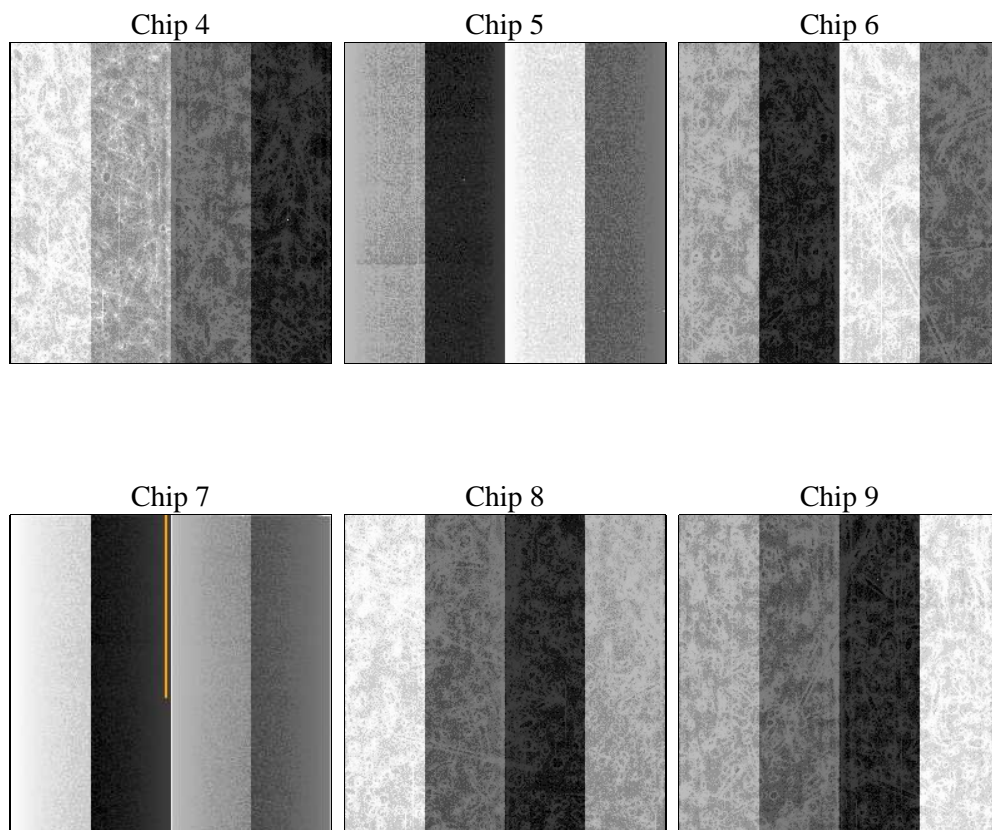
2 OBI

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	8.5.1.1	Processing system revision	ontime	7794.3427174687	Sum of GTIs [s]
caldsver	4.5.6	 	ontime4	7794.2195974588	Sum of GTIs [s]
date	2013-03-07T04:58:33	Date and time of file creation	ontime5	7794.3016774654	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7794.2606374621	Sum of GTIs [s]
			ontime7	7794.3427174687	Sum of GTIs [s]
			ontime8	7794.1785574555	Sum of GTIs [s]
			ontime9	7794.383757472	Sum of GTIs [s]
			l1events	1290272	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	205574	219156	209496	224449	226529	205068	grade 0 events	74671	28120	74573	36601	78335	72736
rejected events	75548	64700	69995	58466	76421	70888		36%	12%	35%	16%	34%	35%
rejected %	36%	29%	33%	26%	33%	34%	grade 1 events	724	183	425	151	544	528
								0%	0%	0%	0%	0%	0%
							grade 2 events	20762	55915	24579	36312	27069	22970
								10%	25%	11%	16%	11%	11%
							grade 3 events	8805	8385	8761	16263	10267	8944
								4%	3%	4%	7%	4%	4%
							grade 4 events	8808	8151	8780	16251	10132	8670
								4%	3%	4%	7%	4%	4%
							grade 5 events	3858	9301	4196	9914	5144	4378
								1%	4%	2%	4%	2%	2%
							grade 6 events	16980	53885	22808	60556	24305	20860
								8%	24%	10%	26%	10%	10%
							grade 7 events	70966	55216	65374	48401	70733	65982
								34%	25%	31%	21%	31%	32%

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	69.99114735193757	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.027241143026499	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	75.00330650844764			
[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)	278714484.705388	278714483.68039			
Observation start date	2006-10-31T20:41:25	2006-10-31T20:41:23			
[s] Observation end time (MET)	278733576.35629	278733575.33129			
Observation end date	2006-11-01T01:59:36	2006-11-01T01:59:35			
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)	2013.03.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7943427174687

A.2 Comments