

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59525 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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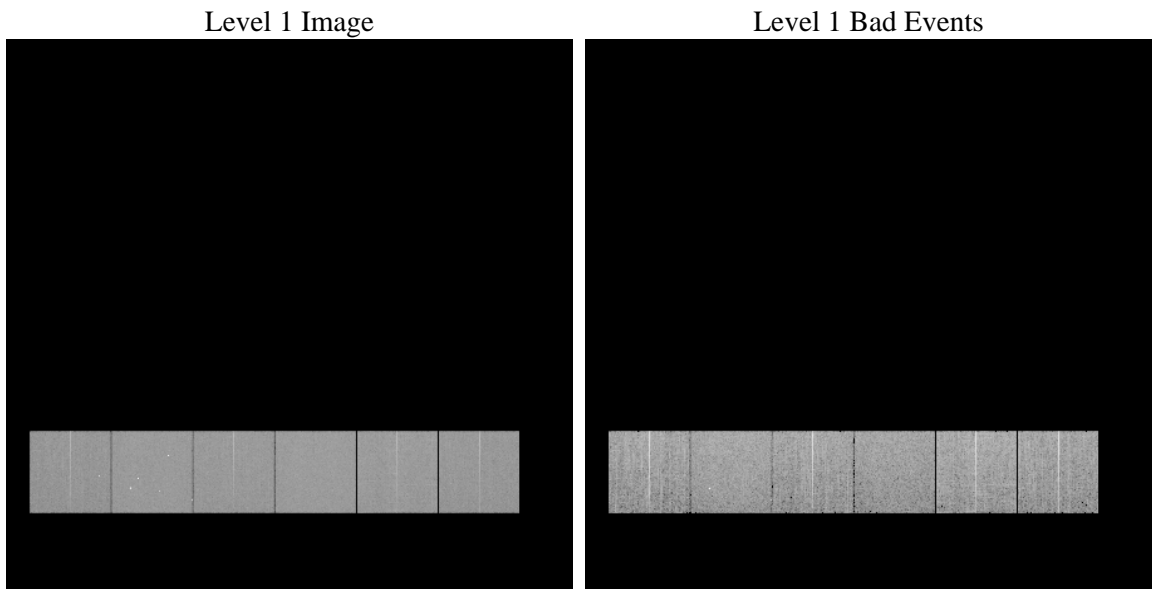
1 Front

seq_num	 	Sequence number
obs_id	59525	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	304.97918592586	Nominal RA [deg]
dec_nom	9.9800268236302	Nominal Dec [deg]
roll_nom	191.30572413626	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.8047315478	Sum of GTIs [s]
livetime	7702.0262449563	Livetime [s]
ontime4	6831.6279732883	Sum of GTIs [s]
ontime5	7800.7636915445	Sum of GTIs [s]
ontime6	7311.3343368769	Sum of GTIs [s]
ontime7	7800.8047315478	Sum of GTIs [s]
ontime8	7476.5420832932	Sum of GTIs [s]
ontime9	7181.8183443844	Sum of GTIs [s]
l2events	1003854	Number of level 2 events

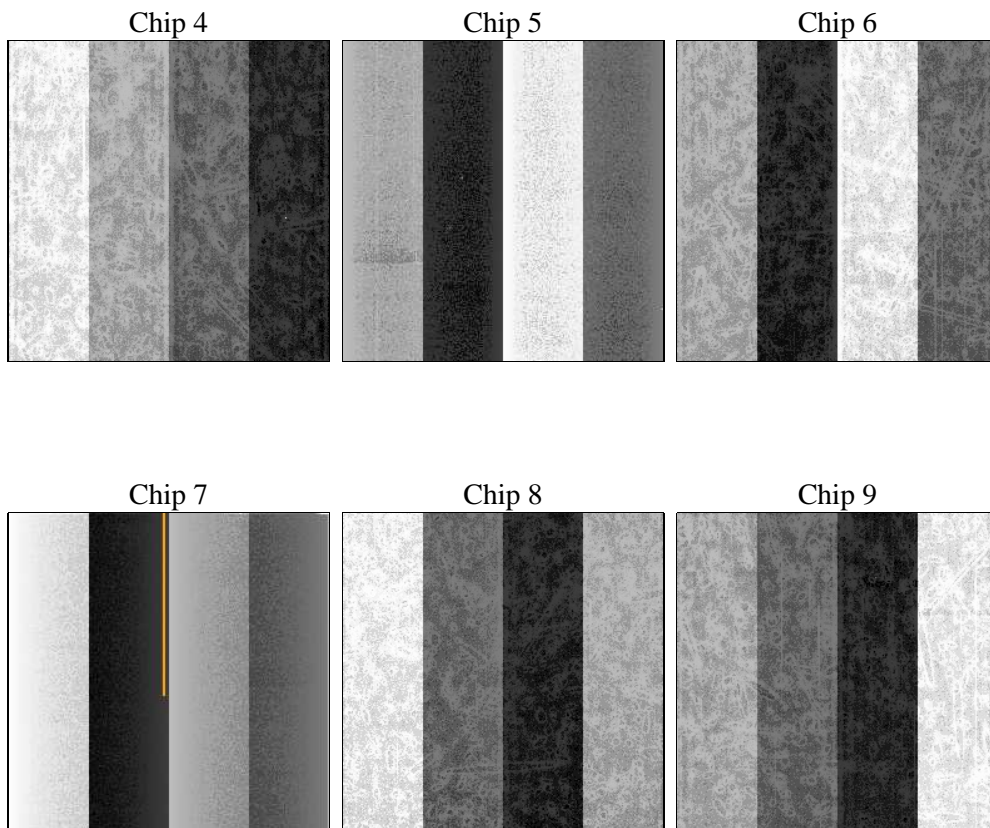
2 OBI

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	8.5.1.1	Processing system revision	ontime	7800.8047315478	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6831.6279732883	Sum of GTIs [s]
date	2012-12-26T22:01:18	Date and time of file creation	ontime5	7800.7636915445	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7311.3343368769	Sum of GTIs [s]
			ontime7	7800.8047315478	Sum of GTIs [s]
			ontime8	7476.5420832932	Sum of GTIs [s]
			ontime9	7181.8183443844	Sum of GTIs [s]
			l1events	1402384	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	207431	242826	231781	251318	248758	220270	grade 0 events	88371	41628	95576	48252	100144	91300
rejected events	54479	55038	54943	48176	62835	54540		42%	17%	41%	19%	40%	41%
rejected %	26%	22%	23%	19%	25%	24%	grade 1 events	697	227	519	177	498	554
								0%	0%	0%	0%	0%	0%
							grade 2 events	24295	66741	31095	44520	33216	28313
								11%	27%	13%	17%	13%	12%
							grade 3 events	10167	10665	11050	20210	12244	10663
								4%	4%	4%	8%	4%	4%
							grade 4 events	10367	10556	11053	20135	11902	10564
								4%	4%	4%	8%	4%	4%
							grade 5 events	2932	8466	3463	8574	4211	3607
								1%	3%	1%	3%	1%	1%
							grade 6 events	19752	58198	28064	70025	28417	24890
								9%	23%	12%	27%	11%	11%
							grade 7 events	50850	46345	50961	39425	58126	50379
								24%	19%	21%	15%	23%	22%

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	304.9791859258644	Alternating exposures requested	N	N
[deg] Pointing Dec	0	9.980026823630183	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	191.3057241362592			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	239194004.767347	239194003.74235			
Observation start date	2005-07-31T10:46:45	2005-07-31T10:46:43			
[s] Observation end time (MET)	239208129.267993	239208128.243			
Observation end date	2005-07-31T14:42:09	2005-07-31T14:42:08			
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)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8008047315478

A.2 Comments