

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58461 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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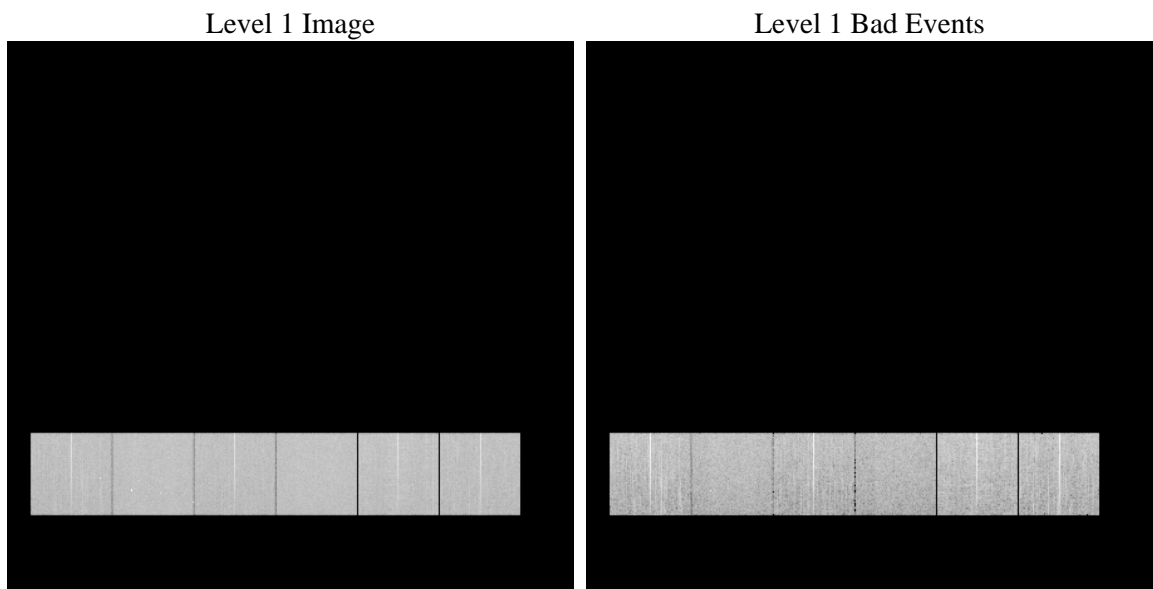
1 Front

seq_num	 	Sequence number
obs_id	58461	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	199.01455919557	Nominal RA [deg]
dec_nom	-27.974749051785	Nominal Dec [deg]
roll_nom	29.66612871499	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.4372285008	Sum of GTIs [s]
livetime	8166.699309852	Livetime [s]
ontime4	8271.3141084909	Sum of GTIs [s]
ontime5	8271.3961884975	Sum of GTIs [s]
ontime6	8271.3551484942	Sum of GTIs [s]
ontime7	8271.4372285008	Sum of GTIs [s]
ontime8	8271.2730684876	Sum of GTIs [s]
ontime9	8271.4782685041	Sum of GTIs [s]
l2events	783317	Number of level 2 events

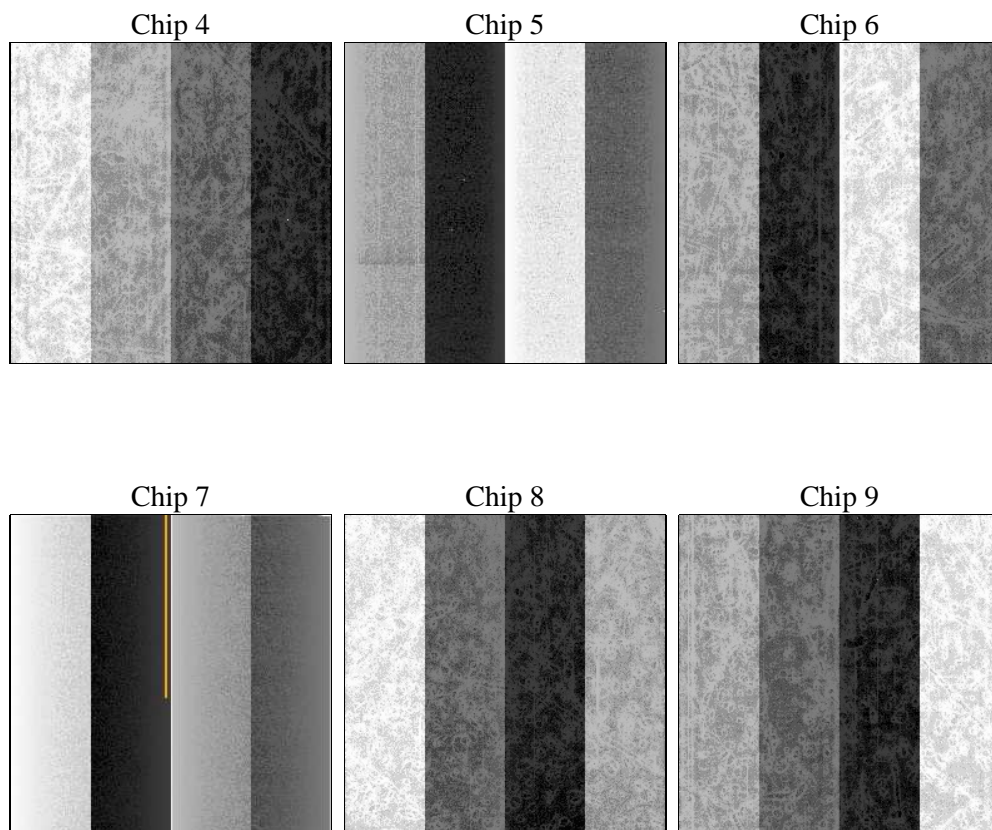
2 OBI

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	8271.4372285008	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.3141084909	Sum of GTIs [s]
date	2012-04-22T06:46:21	Date and time of file creation	ontime5	8271.3961884975	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.3551484942	Sum of GTIs [s]
			ontime7	8271.4372285008	Sum of GTIs [s]
			ontime8	8271.2730684876	Sum of GTIs [s]
			ontime9	8271.4782685041	Sum of GTIs [s]
			l1events	1281313	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	204254	220027	204231	223439	224789	204573	grade 0 events	71673	25202	71291	34539	75119	69572
rejected events	80278	69139	71257	62648	81642	76569		35%	11%	34%	15%	33%	34%
rejected %	39%	31%	34%	28%	36%	37%	grade 1 events	635	225	420	167	492	507
								0%	0%	0%	0%	0%	0%
							grade 2 events	19400	55740	23256	35020	25602	22074
								9%	25%	11%	15%	11%	10%
							grade 3 events	8496	7738	8389	15685	9999	8309
								4%	3%	4%	7%	4%	4%
							grade 4 events	8466	7323	8230	15368	9749	8498
								4%	3%	4%	6%	4%	4%
							grade 5 events	4064	9479	4263	10331	5416	4753
								1%	4%	2%	4%	2%	2%
							grade 6 events	15987	54941	21860	60242	22723	19606
								7%	24%	10%	26%	10%	9%
							grade 7 events	75533	59379	66522	52087	75689	71254
								36%	26%	32%	23%	33%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	199.0145591955744
[deg] Pointing Dec	0	-27.97474905178493
[deg] Pointing Roll	0.0	29.66612871498992
[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)	291320818.852844	291320817.82785
Observation start date	2007-03-26T18:26:59	2007-03-26T18:26:57
[s] Observation end time (MET)	291342735.403886	291342734.37889
Observation end date	2007-03-27T00:32:15	2007-03-27T00:32:14
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2714372285008

A.2 Comments