

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58941 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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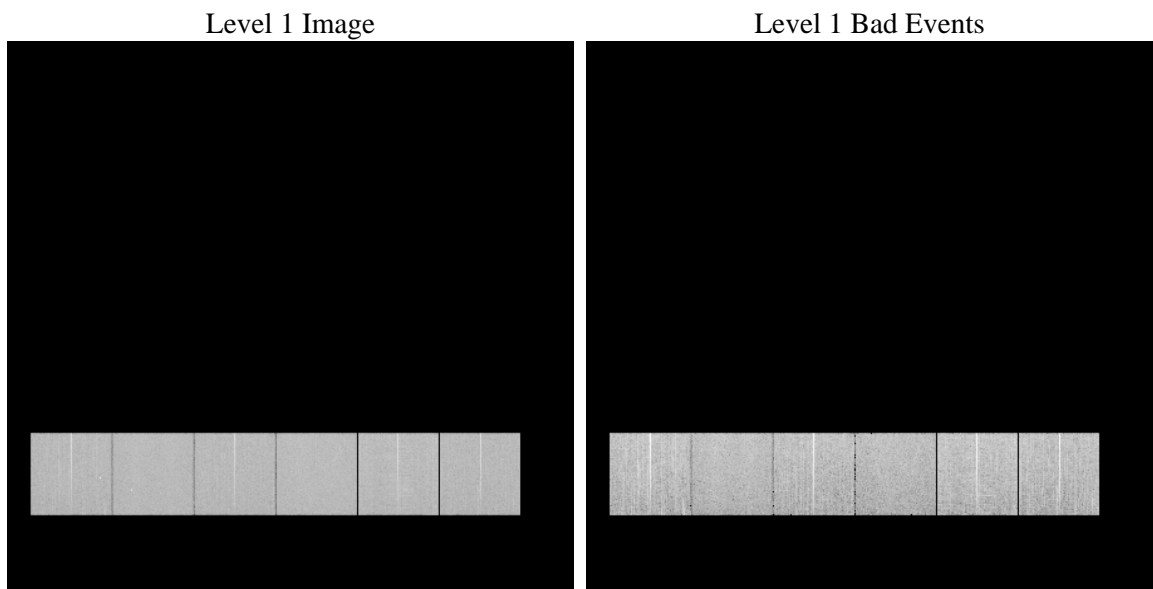
1 Front

seq_num	 	Sequence number
obs_id	58941	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	260.02869959216	Nominal RA [deg]
dec_nom	-49.978139740135	Nominal Dec [deg]
roll_nom	17.009448469326	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8204.3002922535	Sum of GTIs [s]
livetime	8100.4125019164	Livetime [s]
ontime4	8204.1771722436	Sum of GTIs [s]
ontime5	8204.2592522502	Sum of GTIs [s]
ontime6	8204.2182122469	Sum of GTIs [s]
ontime7	8204.3002922535	Sum of GTIs [s]
ontime8	8204.1361322701	Sum of GTIs [s]
ontime9	8204.3413322568	Sum of GTIs [s]
l2events	919142	Number of level 2 events

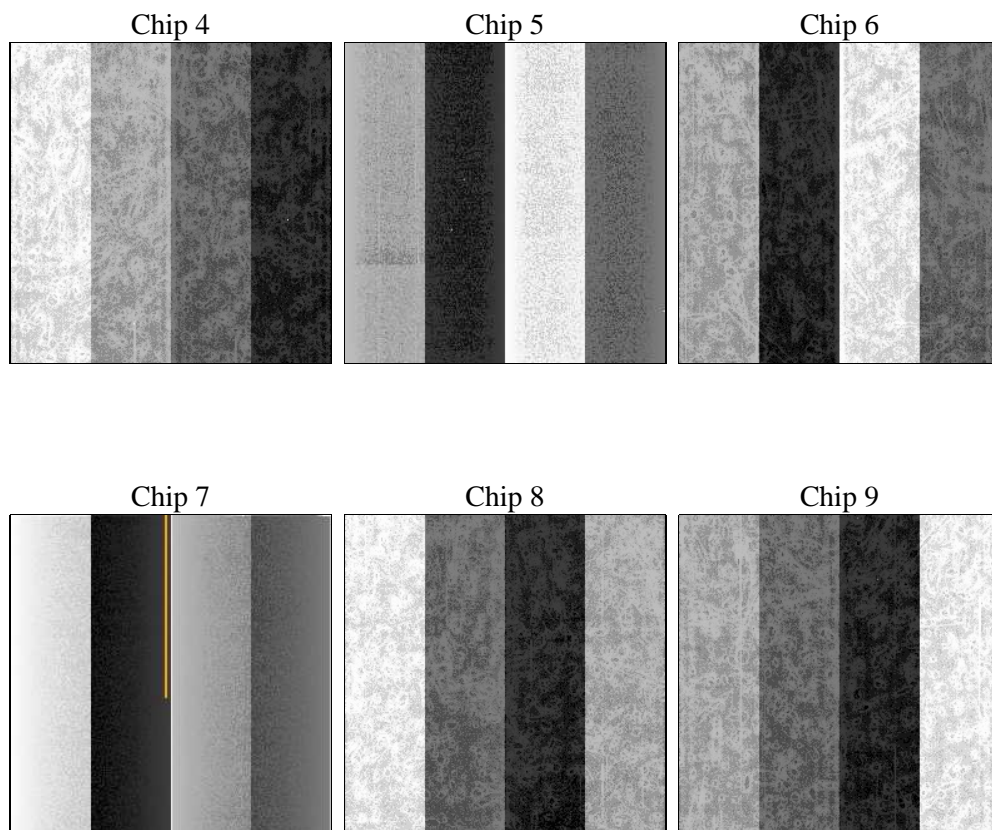
2 OBI

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	Processing system revision	ontime	8204.3002922535	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8204.1771722436	Sum of GTIs [s]
date	2012-04-02T20:45:44	Date and time of file creation	ontime5	8204.2592522502	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8204.2182122469	Sum of GTIs [s]
			ontime7	8204.3002922535	Sum of GTIs [s]
			ontime8	8204.1361322701	Sum of GTIs [s]
			ontime9	8204.3413322568	Sum of GTIs [s]
			l1events	1429819	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	231264	236806	232880	246722	252303	229844	grade 0 events	87359	28482	86475	40846	90917	84847
rejected events	83217	68845	73401	63096	82518	76405		37%	12%	37%	16%	36%	36%
rejected %	35%	29%	31%	25%	32%	33%	grade 1 events	823	236	482	169	578	581
								0%	0%	0%	0%	0%	0%
							grade 2 events	22703	64853	28240	40478	30634	26382
								9%	27%	12%	16%	12%	11%
							grade 3 events	10272	8433	9888	17910	11630	10056
								4%	3%	4%	7%	4%	4%
							grade 4 events	10036	8144	10060	17751	11279	10095
								4%	3%	4%	7%	4%	4%
							grade 5 events	4045	9389	4168	10222	5305	4622
								1%	3%	1%	4%	2%	2%
							grade 6 events	18933	59624	26262	68279	26793	23376
								8%	25%	11%	27%	10%	10%
							grade 7 events	77093	57645	67305	51067	75167	69885
								33%	24%	28%	20%	29%	30%

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	260.0286995921575
[deg] Pointing Dec	0	-49.97813974013533
[deg] Pointing Roll	0.0	17.00944846932567
[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)	265731637.295807	265731636.27081
Observation start date	2006-06-03T14:20:37	2006-06-03T14:20:36
[s] Observation end time (MET)	265754953.996896	265754952.9719
Observation end date	2006-06-03T20:49:14	2006-06-03T20:49:12
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2043002922535

A.2 Comments