

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56899 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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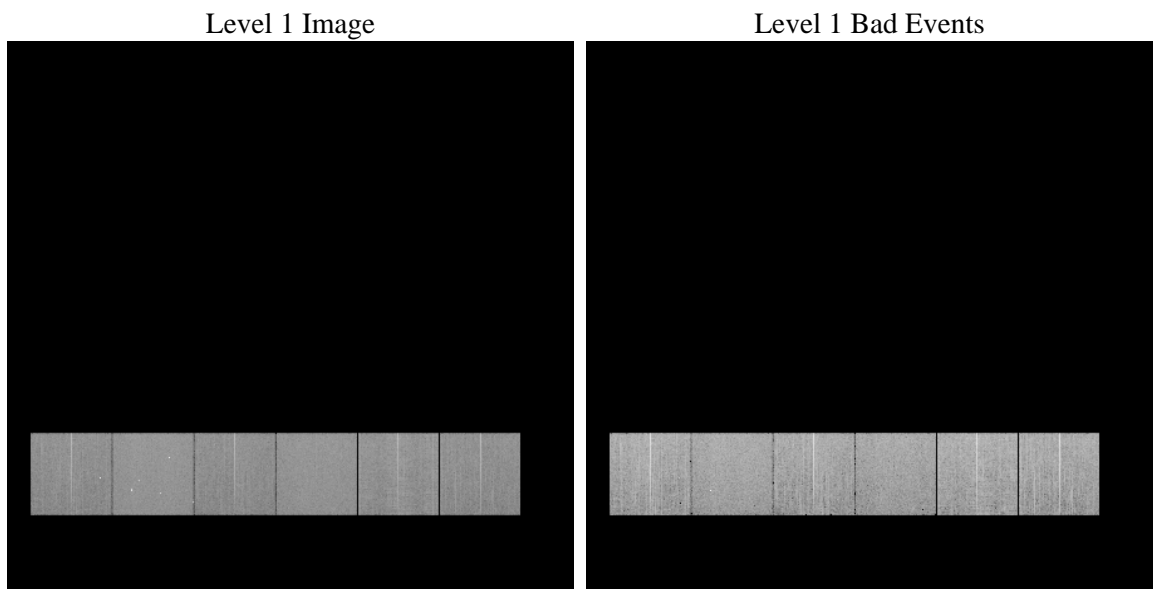
1 Front

seq_num	 	Sequence number
obs_id	56899	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	277.01490981525	Nominal RA [deg]
dec_nom	-18.024953164772	Nominal Dec [deg]
roll_nom	266.80870571807	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8451.1999685764	Sum of GTIs [s]
livetime	8344.1857858726	Livetime [s]
ontime4	8451.1999685764	Sum of GTIs [s]
ontime5	8451.1999685764	Sum of GTIs [s]
ontime6	8451.1999685764	Sum of GTIs [s]
ontime7	8451.1999685764	Sum of GTIs [s]
ontime8	8451.1999685764	Sum of GTIs [s]
ontime9	8451.1999685764	Sum of GTIs [s]
l2events	518967	Number of level 2 events

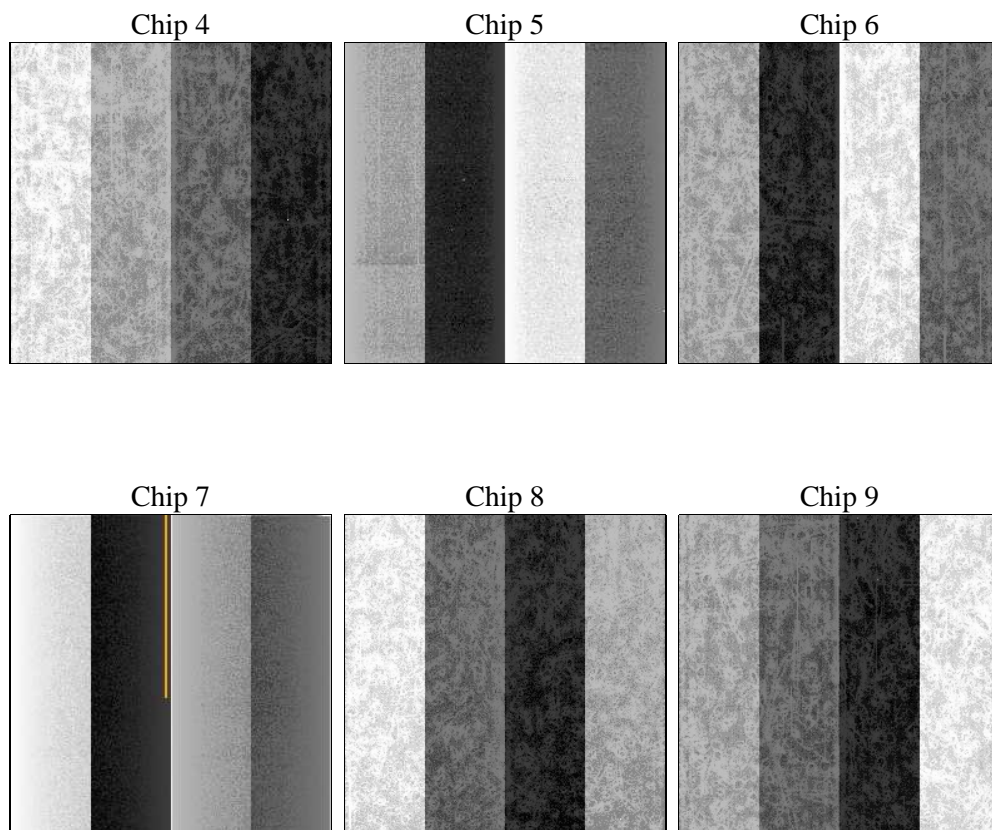
2 OBI

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	8.4.5	Processing system revision	ontime	8451.1999685764	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8451.1999685764	Sum of GTIs [s]
date	2012-06-11T16:27:52	Date and time of file creation	ontime5	8451.1999685764	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8451.1999685764	Sum of GTIs [s]
			ontime7	8451.1999685764	Sum of GTIs [s]
			ontime8	8451.1999685764	Sum of GTIs [s]
			ontime9	8451.1999685764	Sum of GTIs [s]
			l1events	1060675	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	164765	197387	160301	188331	187394	162497	grade 0 events	44513	18239	42149	21152	46639	41502
rejected events	87134	78038	79673	71839	91323	84454		27%	9%	26%	11%	24%	25%
rejected %	52%	39%	49%	38%	48%	51%	grade 1 events	484	240	260	191	353	350
								0%	0%	0%	0%	0%	0%
							grade 2 events	12309	42176	14420	25192	18277	13884
								7%	21%	8%	13%	9%	8%
							grade 3 events	5355	5342	5242	10773	7033	5170
								3%	2%	3%	5%	3%	3%
							grade 4 events	5248	5263	5266	10575	6990	5200
								3%	2%	3%	5%	3%	3%
							grade 5 events	4392	10646	4583	11850	6060	5038
								2%	5%	2%	6%	3%	3%
							grade 6 events	10247	48413	13580	48895	17164	12339
								6%	24%	8%	25%	9%	7%
							grade 7 events	82217	67068	74801	59703	84878	79014
								49%	33%	46%	31%	45%	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	277.0149098152461	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-18.02495316477176	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	266.8087057180668	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	366268946.824103	366268945.7991			
Observation start date	2009-08-10T05:22:27	2009-08-10T05:22:25			
[s] Observation end time (MET)	366279127.124612	366279126.09961			
Observation end date	2009-08-10T08:12:07	2009-08-10T08:12:06			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4511999685764

A.2 Comments