

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57497 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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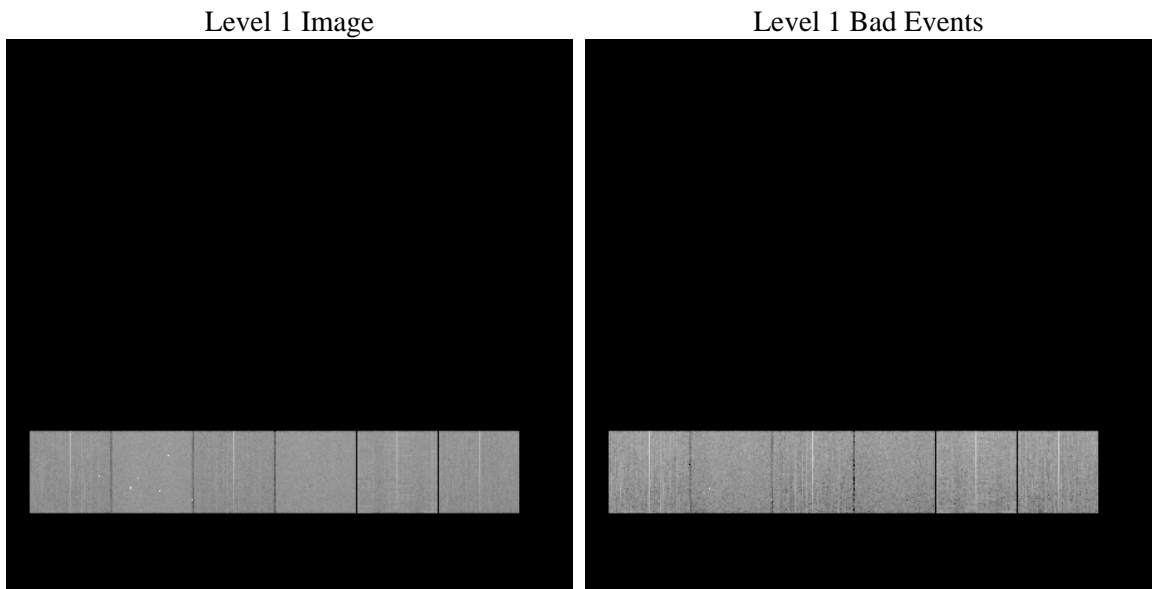
1 Front

seq_num	 	Sequence number
obs_id	57497	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	40.983693641411	Nominal RA [deg]
dec_nom	40.974044006322	Nominal Dec [deg]
roll_nom	211.74829980456	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	571468	Number of level 2 events

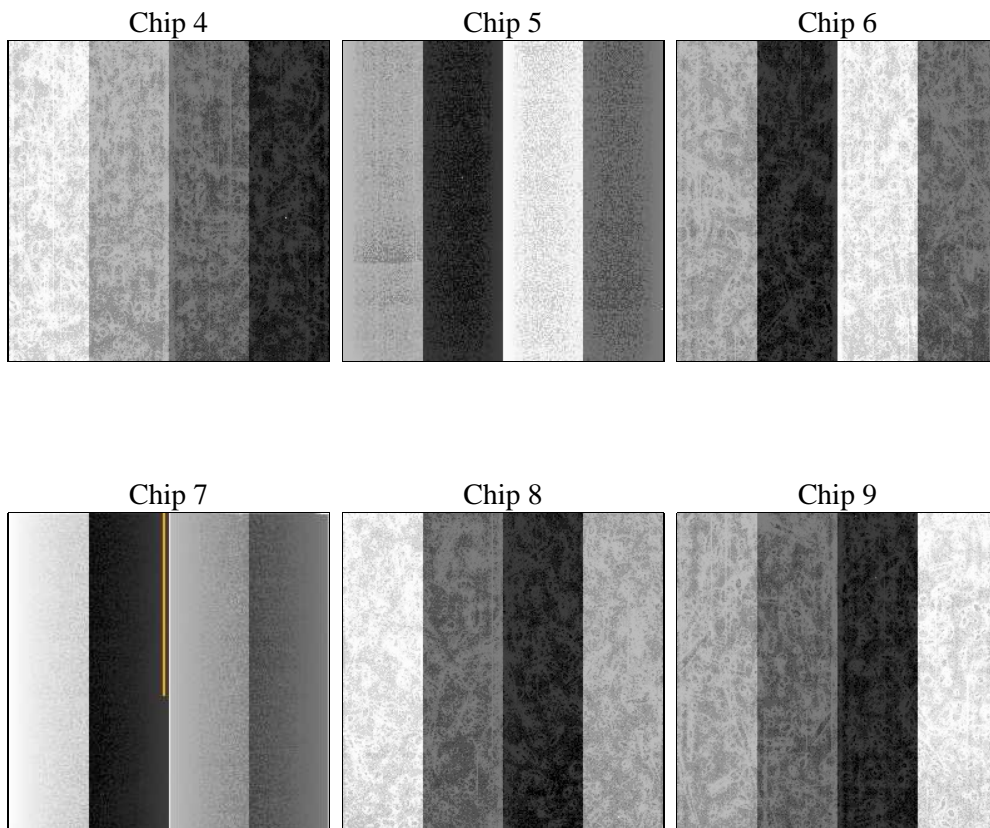
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-05-24T05:25:55	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1099636	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	173219	203691	168353	193312	191066	169995	grade 0 events	50081	22772	48309	23794	51927	47231
rejected events	86434	75080	76942	68495	87118	81315		28%	11%	28%	12%	27%	27%
rejected %	49%	36%	45%	35%	45%	47%	grade 1 events	543	347	289	172	349	388
								0%	0%	0%	0%	0%	0%
							grade 2 events	13725	45264	16273	27099	19370	15689
								7%	22%	9%	14%	10%	9%
							grade 3 events	5893	5977	5886	11622	7480	6087
								3%	2%	3%	6%	3%	3%
							grade 4 events	5950	5769	5786	11626	7357	5960
								3%	2%	3%	6%	3%	3%
							grade 5 events	4300	10154	4380	11254	5696	4957
								2%	4%	2%	5%	2%	2%
							grade 6 events	11163	48877	15194	50676	17851	13713
								6%	23%	9%	26%	9%	8%
							grade 7 events	81564	64531	72236	57069	81036	75970
								47%	31%	42%	29%	42%	44%

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	40.9836936414106	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	40.97404400632229	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	211.7482998045606	[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)	343411468.237682	343411467.21268			
Observation start date	2008-11-18T16:04:28	2008-11-18T16:04:27			
[s] Observation end time (MET)	343434704.988829	343434703.96383			
Observation end date	2008-11-18T22:31:45	2008-11-18T22:31:43			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments