

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58817 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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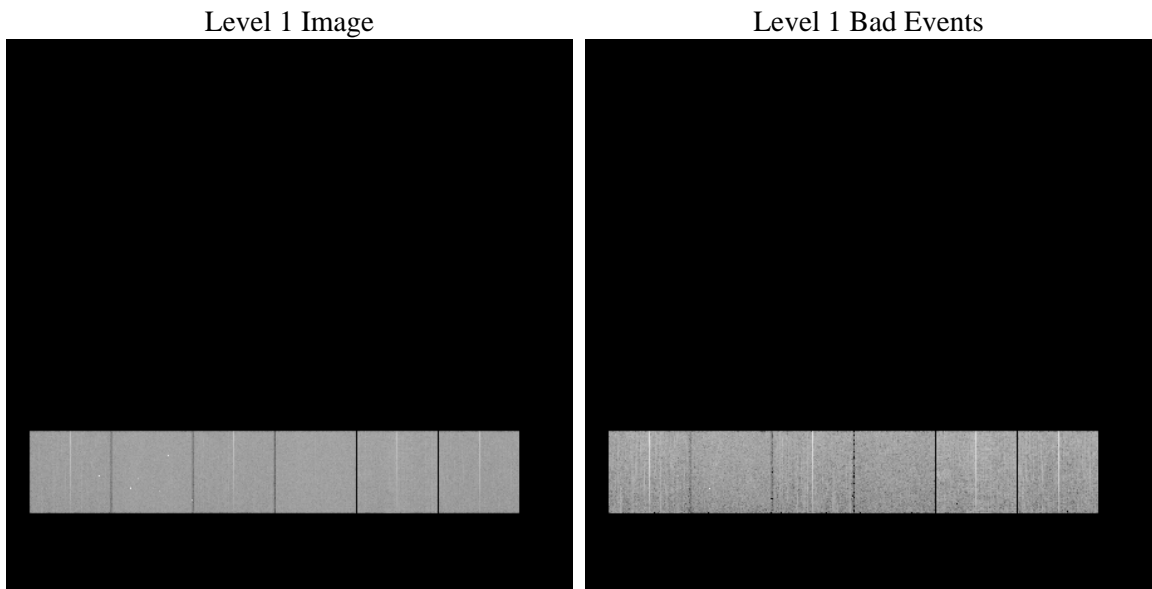
1 Front

seq_num	 	Sequence number
obs_id	58817	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	323.02736819732	Nominal RA [deg]
dec_nom	-41.992299950044	Nominal Dec [deg]
roll_nom	341.79270787189	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.537710011	Sum of GTIs [s]
livetime	7695.8385802197	Livetime [s]
ontime4	7794.4145900011	Sum of GTIs [s]
ontime5	7794.4966700077	Sum of GTIs [s]
ontime6	7794.4556300044	Sum of GTIs [s]
ontime7	7794.537710011	Sum of GTIs [s]
ontime8	7794.3735499978	Sum of GTIs [s]
ontime9	7794.5787500143	Sum of GTIs [s]
l2events	842018	Number of level 2 events

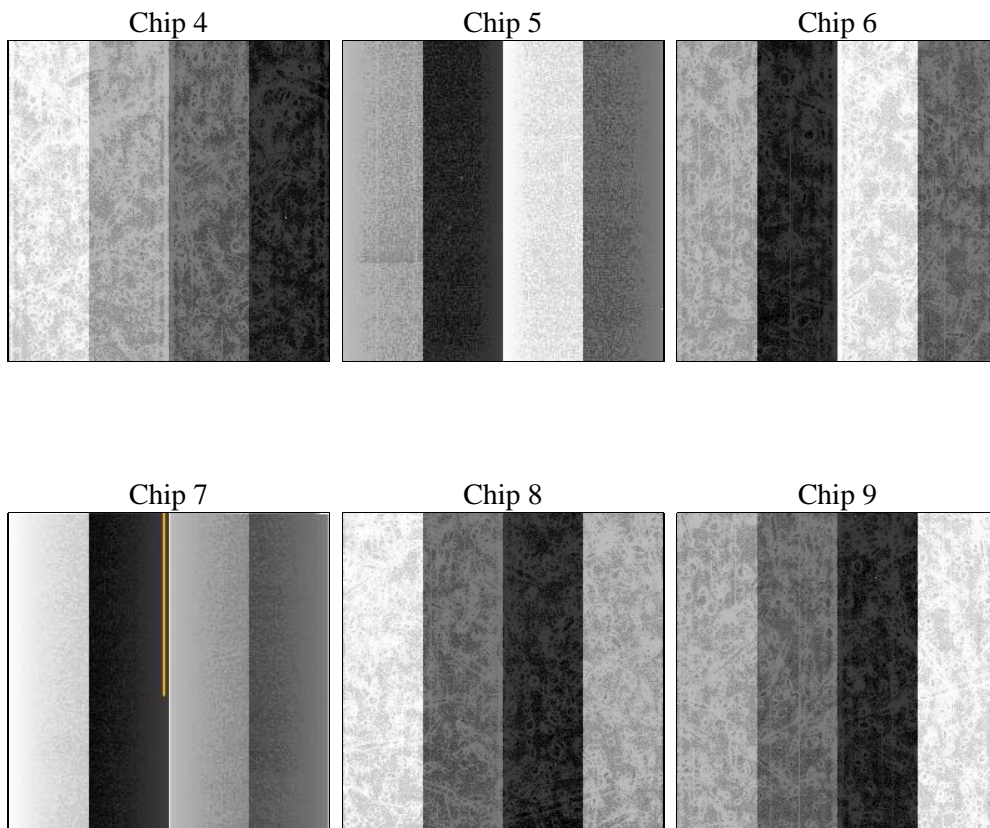
2 OBI

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	8.4.3.1	Processing system revision	ontime	7794.537710011	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7794.4145900011	Sum of GTIs [s]
date	2012-04-08T01:20:57	Date and time of file creation	ontime5	7794.4966700077	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7794.4556300044	Sum of GTIs [s]
			ontime7	7794.537710011	Sum of GTIs [s]
			ontime8	7794.3735499978	Sum of GTIs [s]
			ontime9	7794.5787500143	Sum of GTIs [s]
			l1events	1297402	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	205587	218263	211384	224442	230275	207451	grade 0 events	78683	30186	77970	38267	81820	76382
rejected events	69515	60945	66390	54900	74718	67151		38%	13%	36%	17%	35%	36%
rejected %	33%	27%	31%	24%	32%	32%	grade 1 events	724	220	476	153	475	481
								0%	0%	0%	0%	0%	0%
							grade 2 events	21701	56712	25188	36977	27927	24197
								10%	25%	11%	16%	12%	11%
							grade 3 events	9104	8704	9127	16601	10628	9304
								4%	3%	4%	7%	4%	4%
							grade 4 events	9149	8366	9227	16699	10422	9181
								4%	3%	4%	7%	4%	4%
							grade 5 events	3696	9072	3854	9494	4962	4267
								1%	4%	1%	4%	2%	2%
							grade 6 events	17435	53350	23482	60998	24760	21236
								8%	24%	11%	27%	10%	10%
							grade 7 events	65095	51653	62060	45253	69281	62403
								31%	23%	29%	20%	30%	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	323.0273681973231
[deg] Pointing Dec	0	-41.99229995004362
[deg] Pointing Roll	0.0	341.7927078718874
[mm] SIM focus pos	-0.684267	-1.428180813131781
[mm] SIM defocus	0	0.1051558262725154
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	272773645.925687	272773644.9007
Observation start date	2006-08-24T02:27:26	2006-08-24T02:27:24
[s] Observation end time (MET)	272792011.876549	272792010.85157
Observation end date	2006-08-24T07:33:32	2006-08-24T07:33:30
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.794537710011

A.2 Comments