

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56025 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 3 2012

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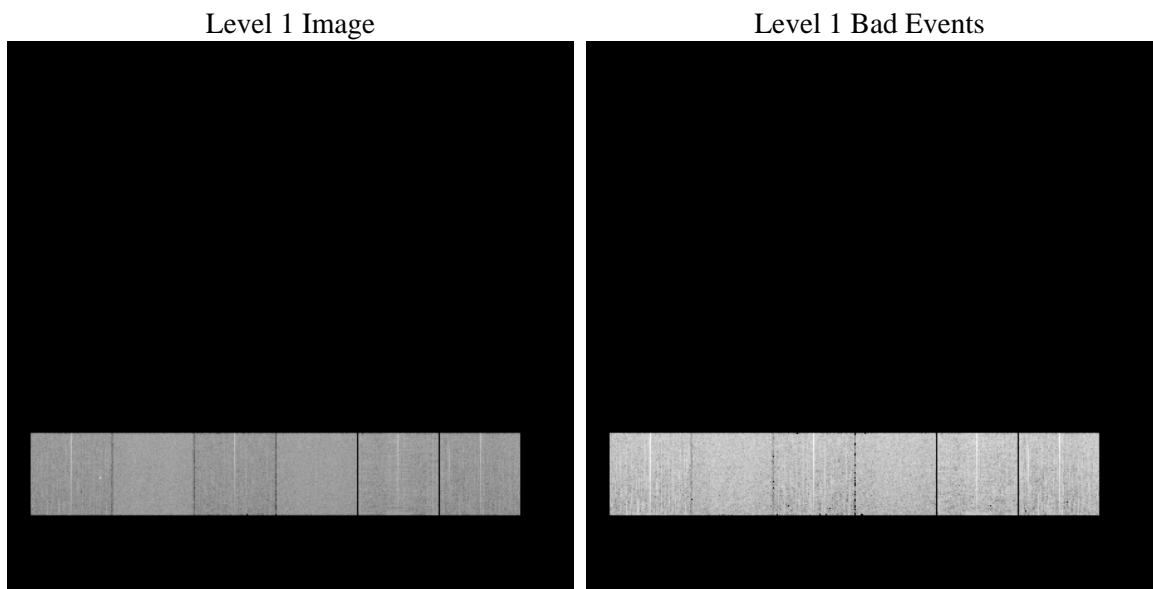
1 Front

seq_num	 	Sequence number
obs_id	56025	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	10.010331592408	Nominal RA [deg]
dec_nom	-24.972788442678	Nominal Dec [deg]
roll_nom	38.056959005758	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6684.7999751568	Sum of GTIs [s]
livetime	6600.153012768	Livetime [s]
ontime4	6681.5589649081	Sum of GTIs [s]
ontime5	6684.7999751568	Sum of GTIs [s]
ontime6	6684.7999751568	Sum of GTIs [s]
ontime7	6684.7999751568	Sum of GTIs [s]
ontime8	6684.7999751568	Sum of GTIs [s]
ontime9	6684.7999751568	Sum of GTIs [s]
l2events	322381	Number of level 2 events

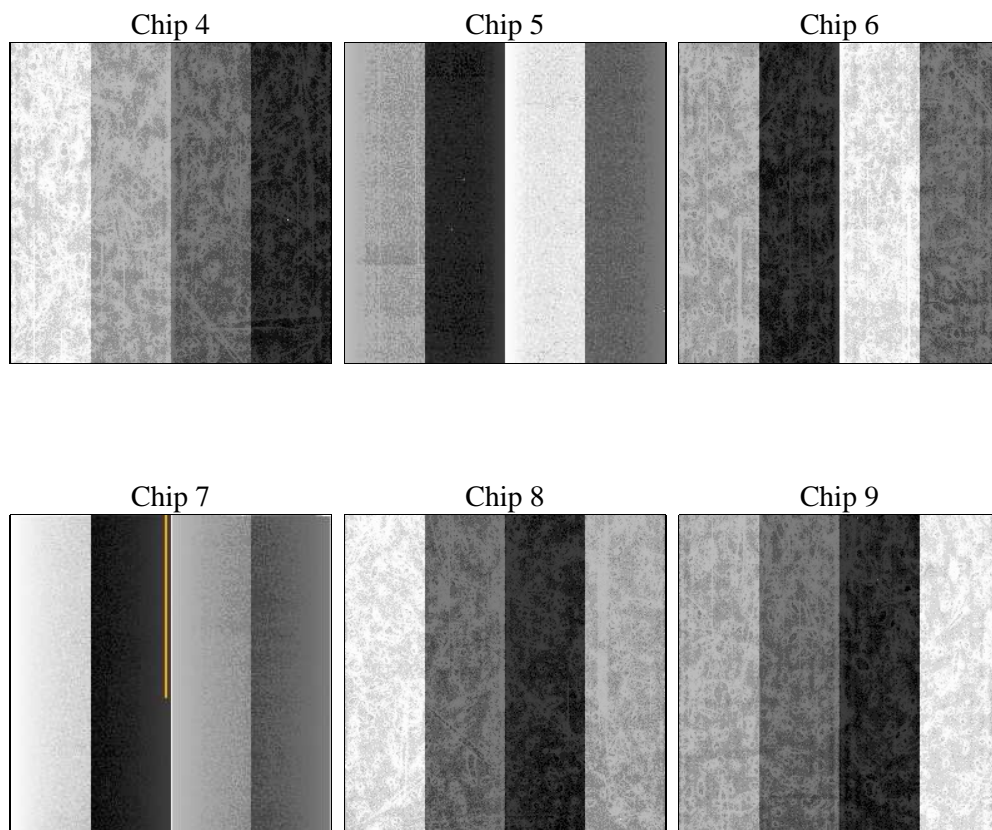
2 OBI

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	8.4.5	Processing system revision	ontime	6684.7999751568	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	6681.5589649081	Sum of GTIs [s]
date	2012-07-03T10:49:22	Date and time of file creation	ontime5	6684.7999751568	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6684.7999751568	Sum of GTIs [s]
			ontime7	6684.7999751568	Sum of GTIs [s]
			ontime8	6684.7999751568	Sum of GTIs [s]
			ontime9	6684.7999751568	Sum of GTIs [s]
			l1events	683259	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	104904	129430	101118	126032	117105	104670	grade 0 events	26835	9041	25373	13010	28173	25129
rejected events	57893	54731	52264	51843	58177	57125		25%	6%	25%	10%	24%	24%
rejected %	55%	42%	51%	41%	49%	54%	grade 1 events	268	134	152	130	179	180
								0%	0%	0%	0%	0%	0%
							grade 2 events	7537	26849	9010	16020	11385	8417
								7%	20%	8%	12%	9%	8%
							grade 3 events	3376	3196	3158	6657	4313	3290
								3%	2%	3%	5%	3%	3%
							grade 4 events	3164	3077	3132	6670	4258	3155
								3%	2%	3%	5%	3%	3%
							grade 5 events	3238	6926	3133	8056	4391	3607
								3%	5%	3%	6%	3%	3%
							grade 6 events	6099	32536	8181	31832	10799	7554
								5%	25%	8%	25%	9%	7%
							grade 7 events	54387	47671	48979	43657	53607	53338
								51%	36%	48%	34%	45%	50%

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	10.01033159240824	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-24.97278844267849	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	38.05695900575817	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	400992742.384626	400992741.35962			
Observation start date	2010-09-16T02:52:22	2010-09-16T02:52:21			
[s] Observation end time (MET)	401001834.135093	401001833.11008			
Observation end date	2010-09-16T05:23:54	2010-09-16T05:23:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6847999751568

A.2 Comments