

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54860 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 14 2012

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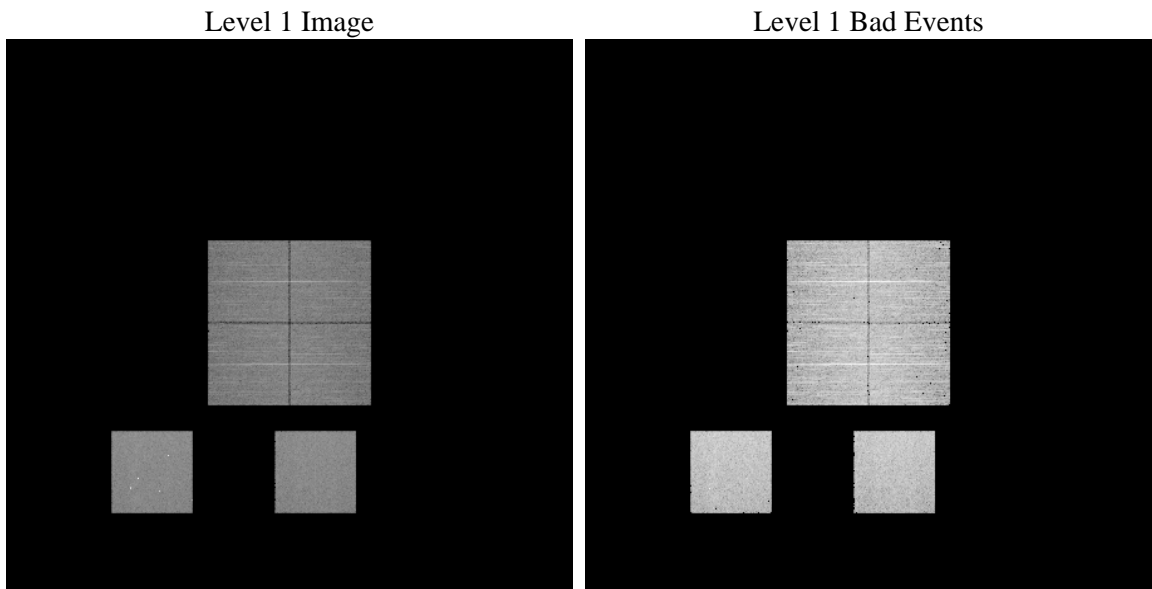
1 Front

seq_num	 	Sequence number
obs_id	54860	Observation id
title	ACIS-012357 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	155.9807323903	Nominal RA [deg]
dec_nom	43.991357862116	Nominal Dec [deg]
roll_nom	161.73437800097	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7942.1975032687	Sum of GTIs [s]
livetime	7841.6286162651	Livetime [s]
ontime0	7942.1564632654	Sum of GTIs [s]
ontime1	7942.1154232621	Sum of GTIs [s]
ontime2	7942.0743832588	Sum of GTIs [s]
ontime3	7942.238543272	Sum of GTIs [s]
ontime5	7942.0333432555	Sum of GTIs [s]
ontime7	7942.1975032687	Sum of GTIs [s]
l2events	291092	Number of level 2 events

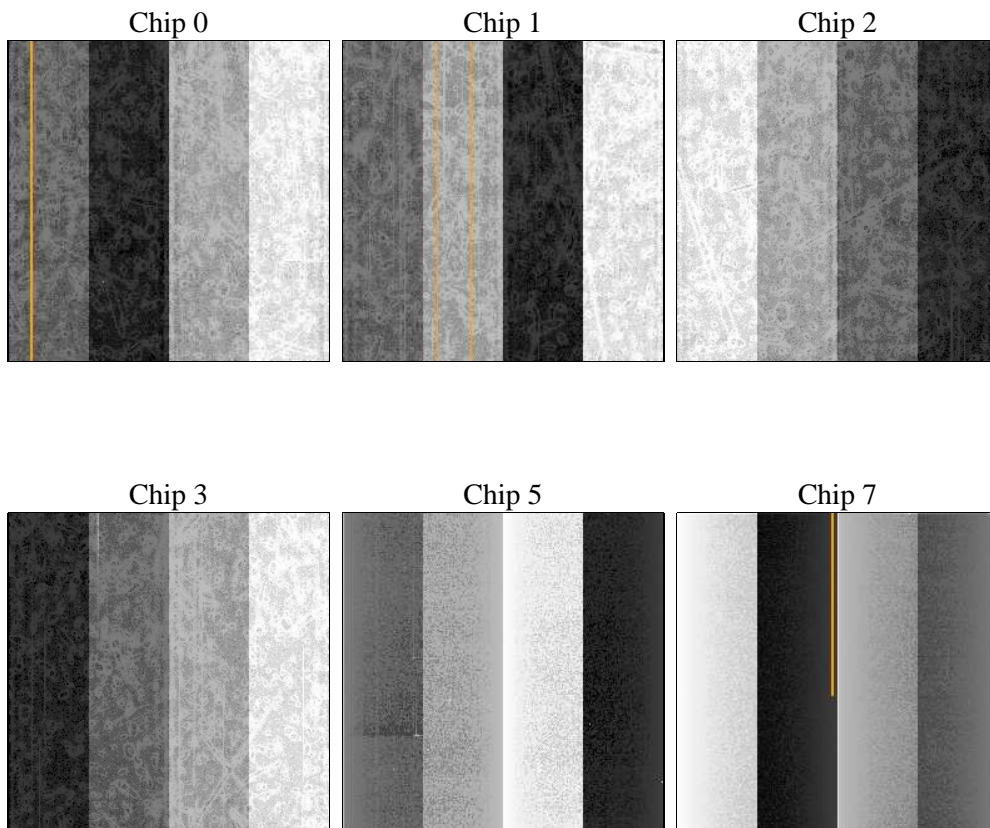
2 OBI

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	7942.1975032687	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	7942.1564632654	Sum of GTIs [s]
date	2012-02-14T05:38:27	Date and time of file creation	ontime1	7942.1154232621	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7942.0743832588	Sum of GTIs [s]
			ontime3	7942.238543272	Sum of GTIs [s]
			ontime5	7942.0333432555	Sum of GTIs [s]
			ontime7	7942.1975032687	Sum of GTIs [s]
			l1events	617549	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	88908	87618	91876	92822	132133	124192	grade 0 events	21519	20943	22193	21945	12280	11560
rejected events	47697	46392	50710	51814	56144	54919		24%	23%	24%	23%	9%	9%
rejected %	53%	52%	55%	55%	42%	44%	grade 1 events	139	104	158	138	133	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	7732	8034	7401	7278	25752	14812
								8%	9%	8%	7%	19%	11%
							grade 3 events	2846	2836	2744	2888	3088	6237
								3%	3%	2%	3%	2%	5%
							grade 4 events	2825	2826	2893	2853	3036	6328
								3%	3%	3%	3%	2%	5%
							grade 5 events	3271	3240	3083	3437	7169	8906
								3%	3%	3%	3%	5%	7%
							grade 6 events	6438	6712	6068	6169	32105	30574
								7%	7%	6%	6%	24%	24%
							grade 7 events	44138	42923	47336	48114	48570	45676
								49%	48%	51%	51%	36%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	155.9807323903033	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	43.9913578621161	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	161.734378000973	[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)	445513875.369126	445513874.34413			
Observation start date	2012-02-13T09:51:15	2012-02-13T09:51:14			
[s] Observation end time (MET)	445523407.86963	445523406.84463			
Observation end date	2012-02-13T12:30:08	2012-02-13T12:30:06			
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9421975032687

A.2 Comments