

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54740 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 1 2012

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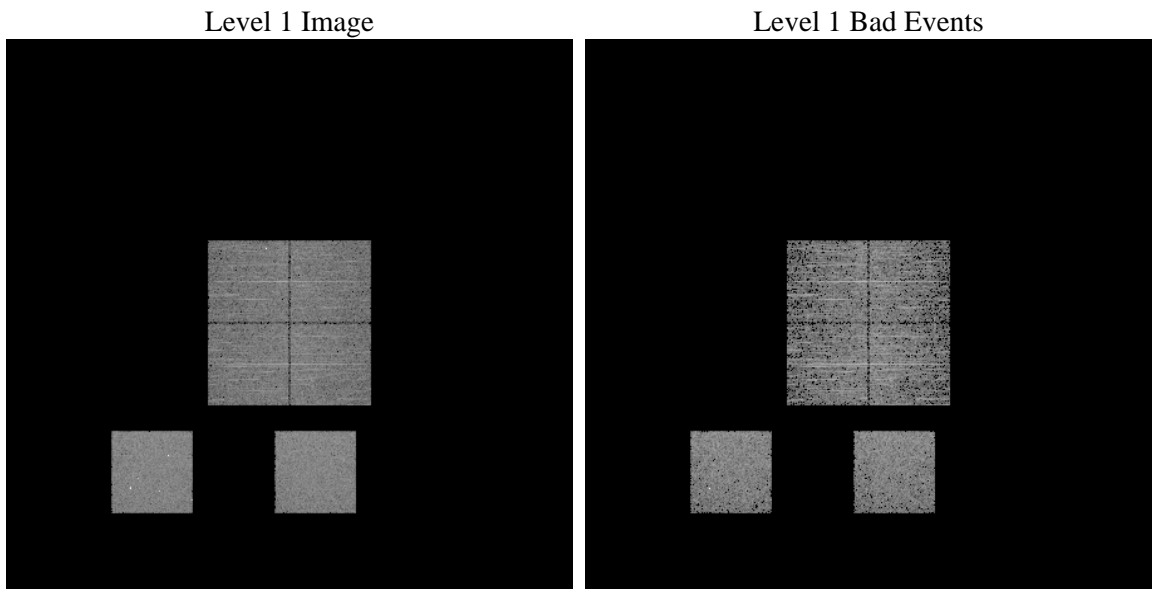
1 Front

seq_num	 	Sequence number
obs_id	54740	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	206.97119228367	Nominal RA [deg]
dec_nom	14.004081065739	Nominal Dec [deg]
roll_nom	137.76225173056	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3286.3999878168	Sum of GTIs [s]
livetime	3244.7856123386	Livetime [s]
ontime0	3286.3999878168	Sum of GTIs [s]
ontime1	3286.3999878168	Sum of GTIs [s]
ontime2	3286.3999878168	Sum of GTIs [s]
ontime3	3286.3999878168	Sum of GTIs [s]
ontime5	3286.3999878168	Sum of GTIs [s]
ontime7	3286.3999878168	Sum of GTIs [s]
l2events	115026	Number of level 2 events

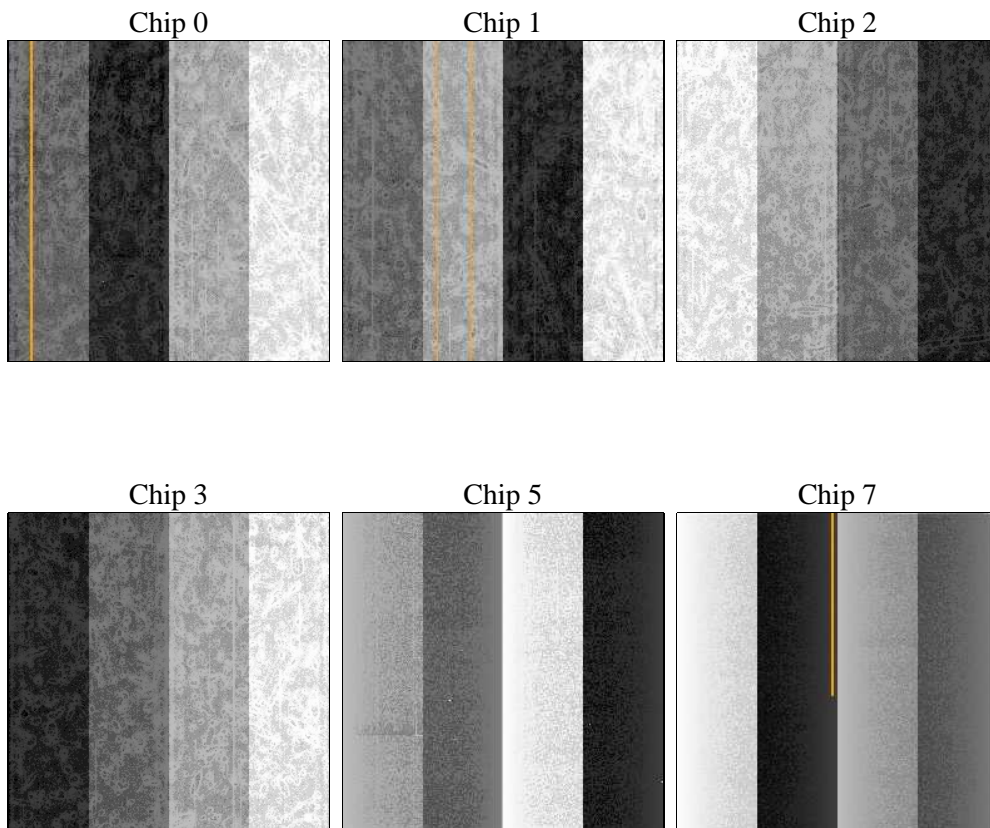
2 OBI

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	8.4.3	Processing system revision	ontime	3286.3999878168	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	3286.3999878168	Sum of GTIs [s]
date	2012-04-01T17:59:45	Date and time of file creation	ontime1	3286.3999878168	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3286.3999878168	Sum of GTIs [s]
			ontime3	3286.3999878168	Sum of GTIs [s]
			ontime5	3286.3999878168	Sum of GTIs [s]
			ontime7	3286.3999878168	Sum of GTIs [s]
			l1events	243578	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	35652	33907	36309	36993	51799	48918	grade 0 events	8547	8399	8872	8801	4408	4559
rejected events	18352	17671	19828	20362	22466	21739		23%	24%	24%	23%	8%	9%
rejected %	51%	52%	54%	55%	43%	44%	grade 1 events	50	39	56	60	88	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	3981	3164	2877	3014	10177	5785
								11%	9%	7%	8%	19%	11%
							grade 3 events	1113	1081	1112	1161	1179	2462
								3%	3%	3%	3%	2%	5%
							grade 4 events	1096	1033	1106	1149	1156	2477
								3%	3%	3%	3%	2%	5%
							grade 5 events	1302	1260	1215	1355	2925	3387
								3%	3%	3%	3%	5%	6%
							grade 6 events	2581	2569	2530	2525	12440	11917
								7%	7%	6%	6%	24%	24%
							grade 7 events	16982	16362	18541	18928	19426	18274
								47%	48%	51%	51%	37%	37%

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	206.9711922836738	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.00408106573925	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	137.7622517305556	[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)	449632018.087365	449632017.06237			
Observation start date	2012-04-01T01:46:58	2012-04-01T01:46:57			
[s] Observation end time (MET)	449638762.587723	449638761.56272			
Observation end date	2012-04-01T03:39:23	2012-04-01T03:39:21			
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2863999878168

A.2 Comments