

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 53995 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 25 2013

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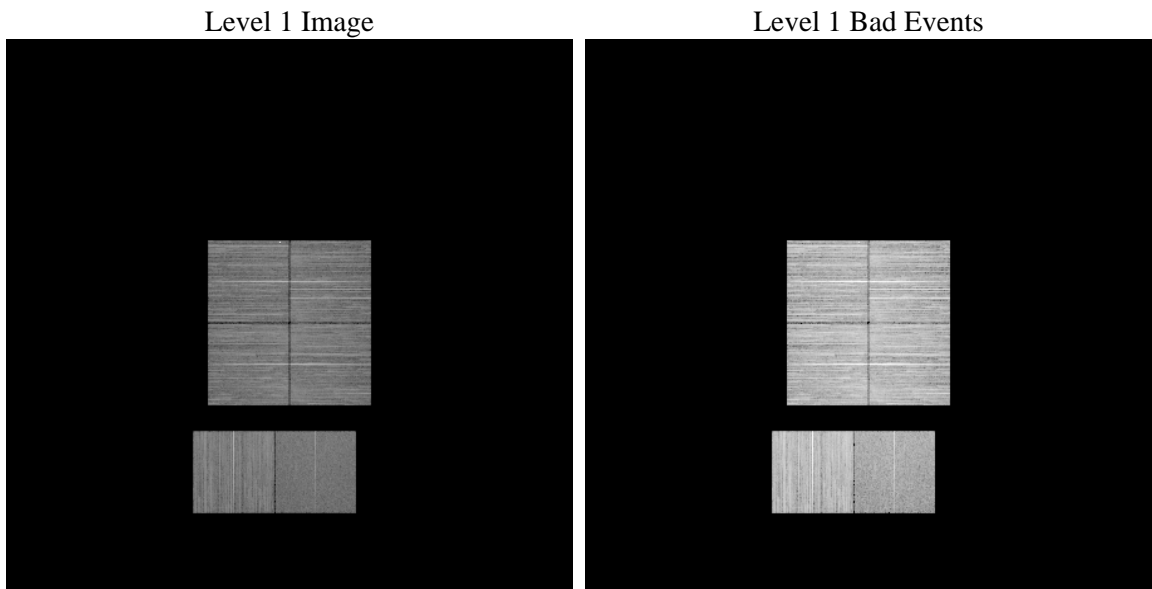
1 Front

seq_num	 	Sequence number
obs_id	53995	Observation id
title	ACIS-012367 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	144.86080350499	Nominal RA [deg]
dec_nom	43.001986187112	Nominal Dec [deg]
roll_nom	143.30177962442	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.0311475396	Sum of GTIs [s]
livetime	8182.0957692984	Livetime [s]
ontime0	8286.9901075363	Sum of GTIs [s]
ontime1	8286.949067533	Sum of GTIs [s]
ontime2	8286.9080275297	Sum of GTIs [s]
ontime3	8287.0721875429	Sum of GTIs [s]
ontime6	8286.8669875264	Sum of GTIs [s]
ontime7	8287.0311475396	Sum of GTIs [s]
l2events	226486	Number of level 2 events

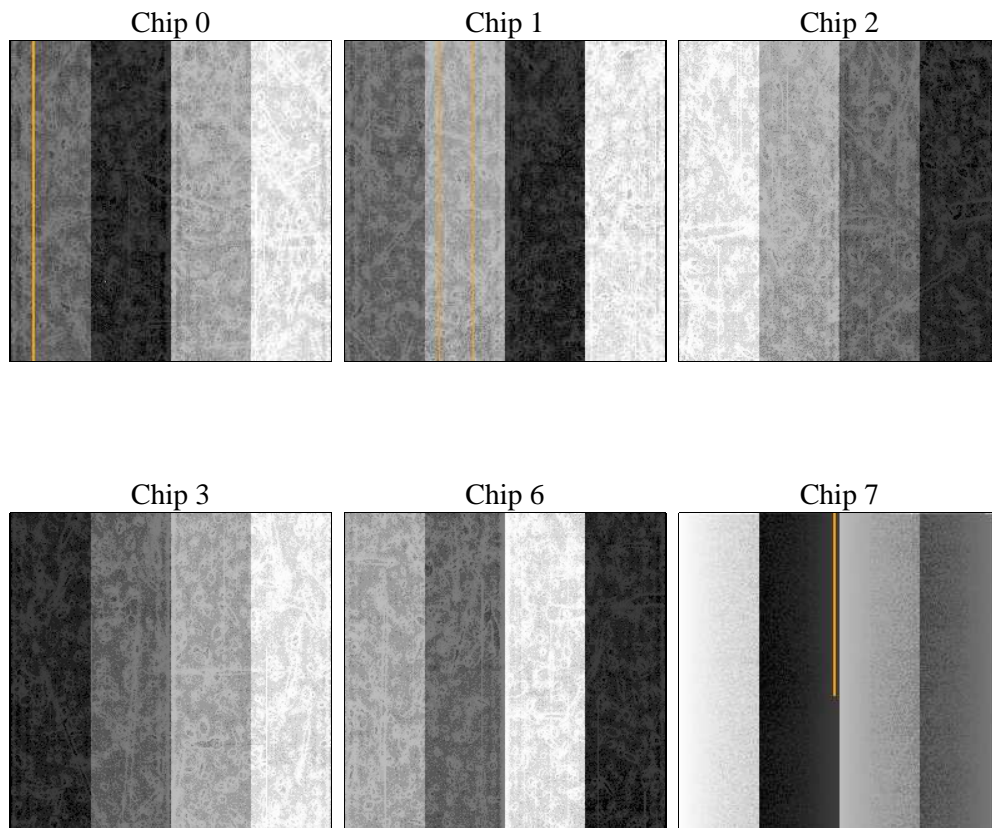
2 OBI

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	8.5.1.1	Processing system revision	ontime	8287.0311475396	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	8286.9901075363	Sum of GTIs [s]
date	2013-01-25T20:45:46	Date and time of file creation	ontime1	8286.949067533	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8286.9080275297	Sum of GTIs [s]
			ontime3	8287.0721875429	Sum of GTIs [s]
			ontime6	8286.8669875264	Sum of GTIs [s]
			ontime7	8287.0311475396	Sum of GTIs [s]
			l1events	1038541	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	174933	174837	181026	182637	187015	138093	grade 0 events	17632	16744	18111	18207	17061	8618
rejected events	134686	139533	146185	147458	150854	75212		10%	9%	10%	9%	9%	6%
rejected %	76%	79%	80%	80%	80%	54%	grade 1 events	102	62	111	114	75	96
								0%	0%	0%	0%	0%	0%
							grade 2 events	12203	8113	6692	6880	8313	15871
								6%	4%	3%	3%	4%	11%
							grade 3 events	2390	2298	2330	2357	2186	4897
								1%	1%	1%	1%	1%	3%
							grade 4 events	2371	2230	2292	2387	2159	4634
								1%	1%	1%	1%	1%	3%
							grade 5 events	3183	3114	2928	3395	3162	7704
								1%	1%	1%	1%	1%	5%
							grade 6 events	5651	5919	5416	5348	6442	28861
								3%	3%	2%	2%	3%	20%
							grade 7 events	131401	136357	143146	143949	147617	67412
								75%	77%	79%	78%	78%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	144.8608035049874	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	43.0019861871121	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	143.3017796244201	[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)	475474826.84143	475474825.81643			
Observation start date	2013-01-25T04:20:27	2013-01-25T04:20:25			
[s] Observation end time (MET)	475487668.042123	475487667.01712			
Observation end date	2013-01-25T07:54:28	2013-01-25T07:54:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2870311475396

A.2 Comments