

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53203 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 28 2013

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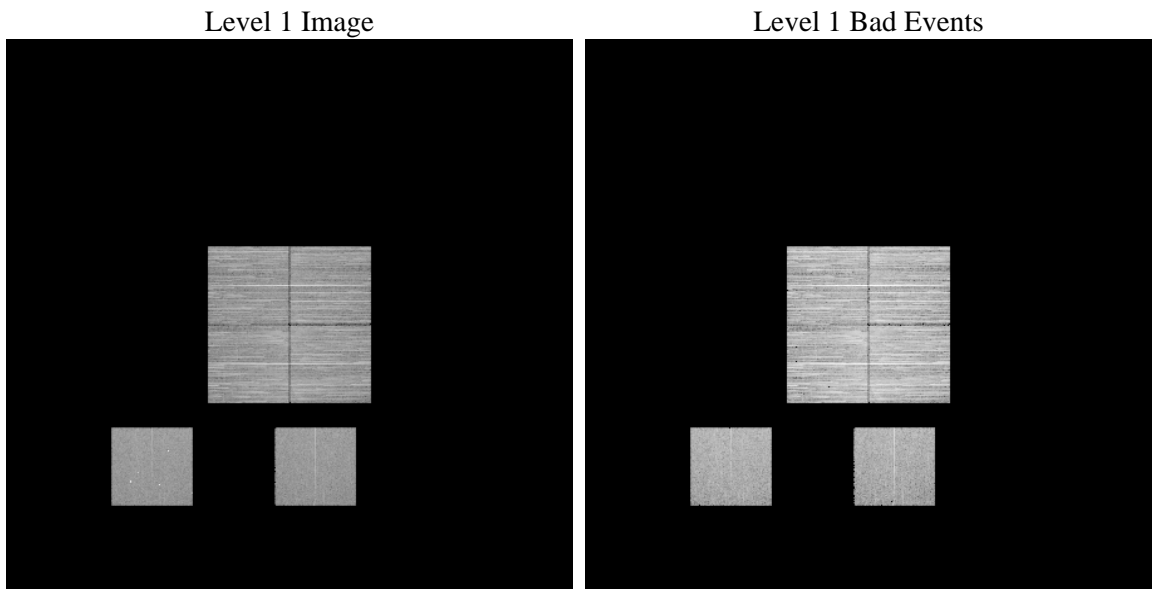
1 Front

seq_num	 	Sequence number
obs_id	53203	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	280.012284522	Nominal RA [deg]
dec_nom	18.993465425668	Nominal Dec [deg]
roll_nom	316.57707241864	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8262.3999692798	Sum of GTIs [s]
livetime	8157.7764858488	Livetime [s]
ontime0	8262.3999692798	Sum of GTIs [s]
ontime1	8262.3999692798	Sum of GTIs [s]
ontime2	8262.3999692798	Sum of GTIs [s]
ontime3	8262.3999692798	Sum of GTIs [s]
ontime5	8262.3999692798	Sum of GTIs [s]
ontime7	8262.3999692798	Sum of GTIs [s]
l2events	215688	Number of level 2 events

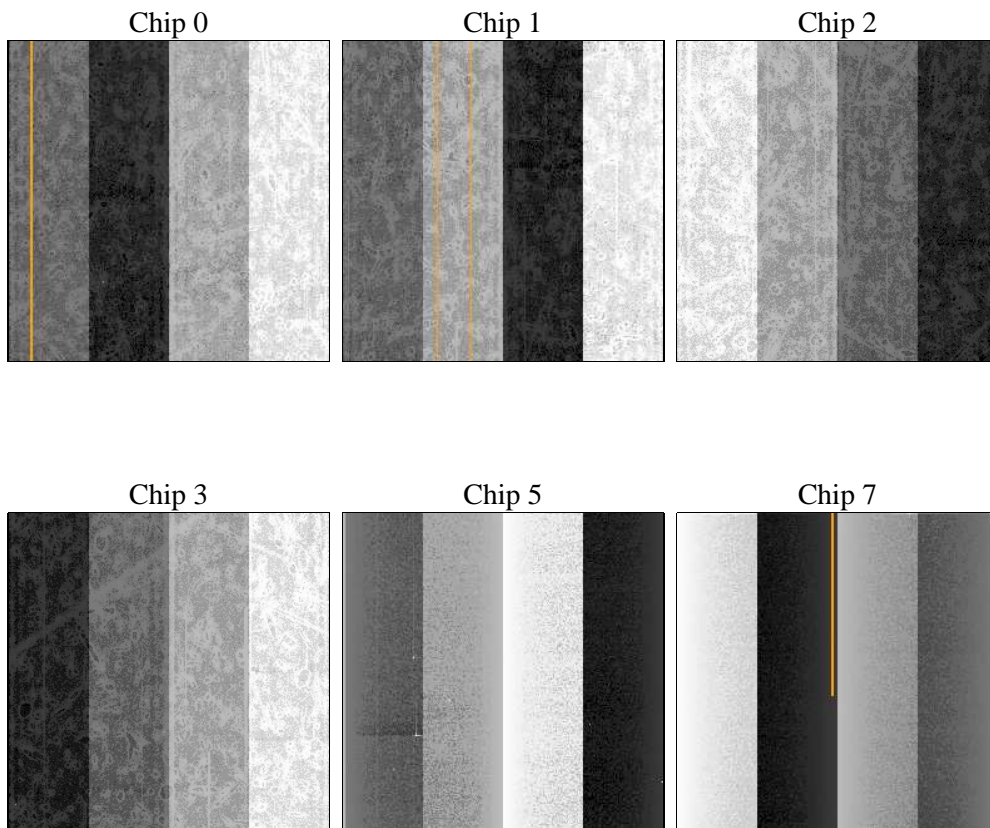
2 OBI

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	10.1.1	Processing system revision	ontime	8262.3999692798	Sum of GTIs [s]
caldsver	4.5.9	 	ontime0	8262.3999692798	Sum of GTIs [s]
date	2013-11-28T07:17:36	Date and time of file creation	ontime1	8262.3999692798	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8262.3999692798	Sum of GTIs [s]
			ontime3	8262.3999692798	Sum of GTIs [s]
			ontime5	8262.3999692798	Sum of GTIs [s]
			ontime7	8262.3999692798	Sum of GTIs [s]
			l1events	829004	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	138530	145977	146544	152577	126150	119226	grade 0 events	14409	14187	15439	14886	8363	7937
rejected events	109895	117229	117394	124020	66803	64600		10%	9%	10%	9%	6%	6%
rejected %	79%	80%	80%	81%	52%	54%	grade 1 events	73	66	67	78	133	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	5805	6048	5645	5443	21082	13370
								4%	4%	3%	3%	16%	11%
							grade 3 events	1949	1928	1916	1980	2223	4518
								1%	1%	1%	1%	1%	3%
							grade 4 events	1946	1929	1956	2022	2198	4410
								1%	1%	1%	1%	1%	3%
							grade 5 events	2798	2822	2474	3120	5968	7467
								2%	1%	1%	2%	4%	6%
							grade 6 events	4626	4732	4294	4310	25656	24560
								3%	3%	2%	2%	20%	20%
							grade 7 events	106924	114265	114753	120738	60527	56876
								77%	78%	78%	79%	47%	47%

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	280.012284521998	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	18.99346542566755	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	316.5770724186444	[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)	501951543.831019	501951542.80602			
Observation start date	2013-11-27T14:59:04	2013-11-27T14:59:02			
[s] Observation end time (MET)	501961240.33155	501961239.30655			
Observation end date	2013-11-27T17:40:40	2013-11-27T17:40:39			
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)	2013.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2623999692798

A.2 Comments