

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52613 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 24 2014

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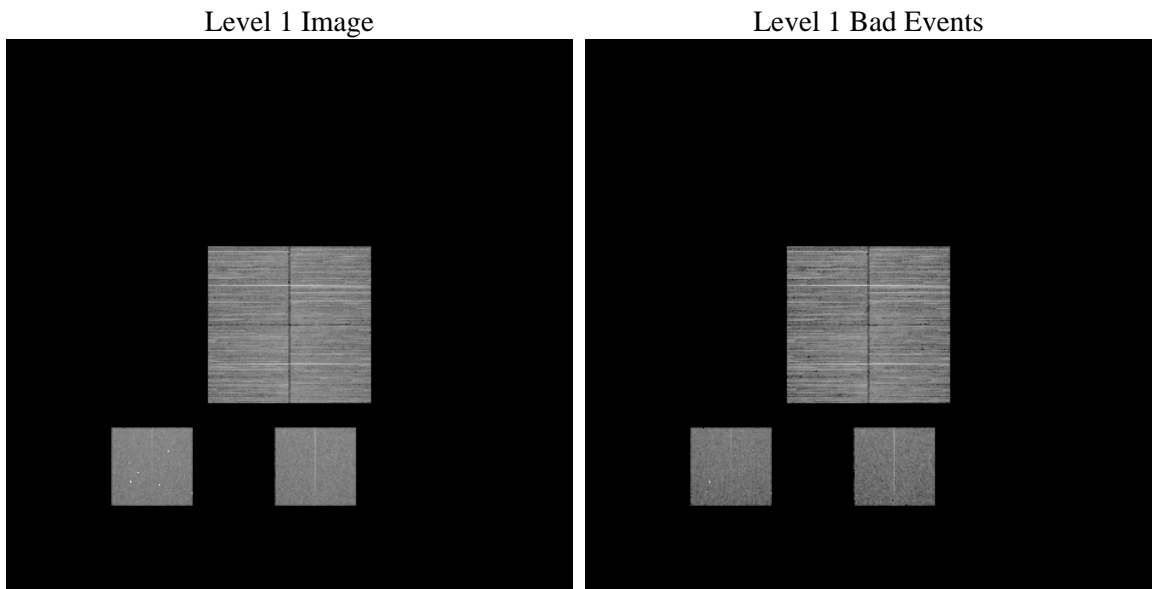
1 Front

seq_num	 	Sequence number
obs_id	52613	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	295.64654784628	Nominal RA [deg]
dec_nom	-6.0324732611468	Nominal Dec [deg]
roll_nom	192.90886737203	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8153.5999696851	Sum of GTIs [s]
livetime	8050.3541773604	Livetime [s]
ontime0	8153.5999696851	Sum of GTIs [s]
ontime1	8153.5999696851	Sum of GTIs [s]
ontime2	8153.5999696851	Sum of GTIs [s]
ontime3	8153.5999696851	Sum of GTIs [s]
ontime5	8153.5999696851	Sum of GTIs [s]
ontime7	8153.5999696851	Sum of GTIs [s]
l2events	194903	Number of level 2 events

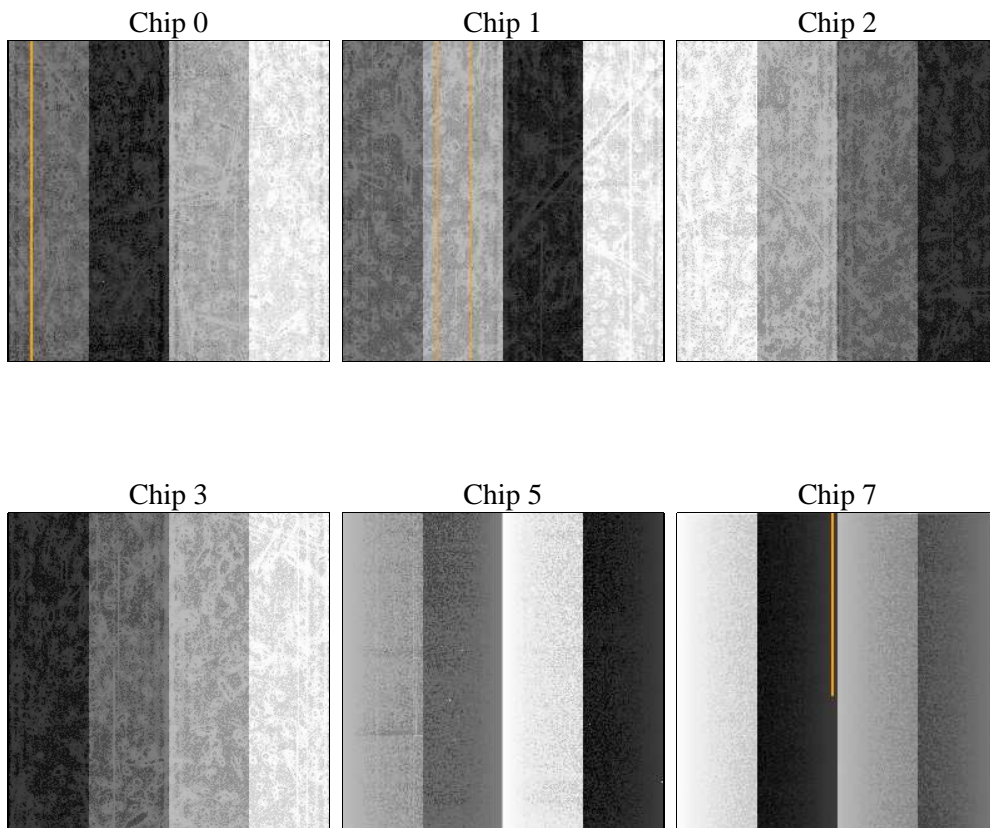
2 OBI

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	10.2.4	Processing system revision	ontime	8153.5999696851	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8153.5999696851	Sum of GTIs [s]
date	2014-07-24T12:38:34	Date and time of file creation	ontime1	8153.5999696851	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8153.5999696851	Sum of GTIs [s]
			ontime3	8153.5999696851	Sum of GTIs [s]
			ontime5	8153.5999696851	Sum of GTIs [s]
			ontime7	8153.5999696851	Sum of GTIs [s]
			l1events	838510	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	137638	151926	148045	147075	134899	118927	grade 0 events	12541	11818	13273	13374	12331	6558
rejected events	112411	126361	122673	121096	73714	68605		9%	7%	8%	9%	9%	5%
rejected %	81%	83%	82%	82%	54%	57%	grade 1 events	71	59	83	67	373	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	5396	6301	5071	5340	20096	12648
								3%	4%	3%	3%	14%	10%
							grade 3 events	1738	1625	1805	1839	1709	3928
								1%	1%	1%	1%	1%	3%
							grade 4 events	1652	1629	1764	1795	1648	3983
								1%	1%	1%	1%	1%	3%
							grade 5 events	2717	2639	2670	3164	5500	7150
								1%	1%	1%	2%	4%	6%
							grade 6 events	4313	4647	3888	4103	26403	24024
								3%	3%	2%	2%	19%	20%
							grade 7 events	109210	123208	119491	117393	66839	60549
								79%	81%	80%	79%	49%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	295.6465478462844
[deg] Pointing Dec	0	-6.032473261146825
[deg] Pointing Roll	0.0	192.9088673720297
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	522518286.814656	522518286.814656
Observation start date	2014-07-23T15:58:07	2014-07-23T15:58:06
[s] Observation end time (MET)	522527835.580044	522527835.580044
Observation end date	2014-07-23T18:37:16	2014-07-23T18:37:15
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.07.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1535999696851

A.2 Comments