

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51762 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 10 2015

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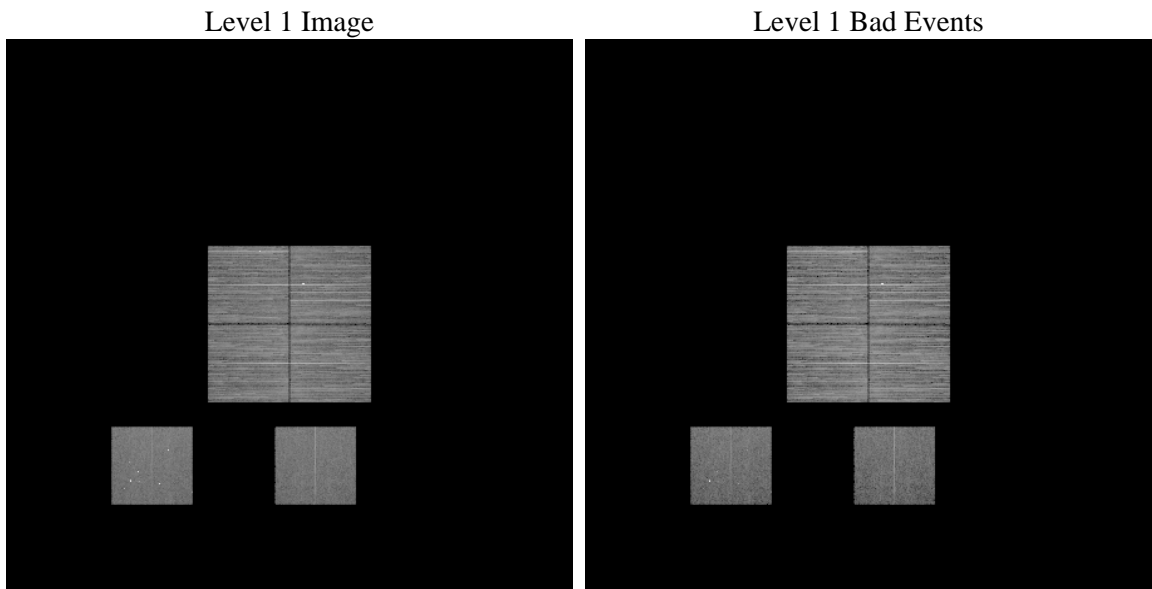
1 Front

seq_num	 	Sequence number
obs_id	51762	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	306.19194388302	Nominal RA [deg]
dec_nom	-18.052990428805	Nominal Dec [deg]
roll_nom	119.69296546689	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8003.200119257	Sum of GTIs [s]
livetime	7901.8587803984	Livetime [s]
ontime0	8003.200119257	Sum of GTIs [s]
ontime1	8003.200119257	Sum of GTIs [s]
ontime2	8003.200119257	Sum of GTIs [s]
ontime3	8003.200119257	Sum of GTIs [s]
ontime5	8003.200119257	Sum of GTIs [s]
ontime7	8003.200119257	Sum of GTIs [s]
l2events	178165	Number of level 2 events

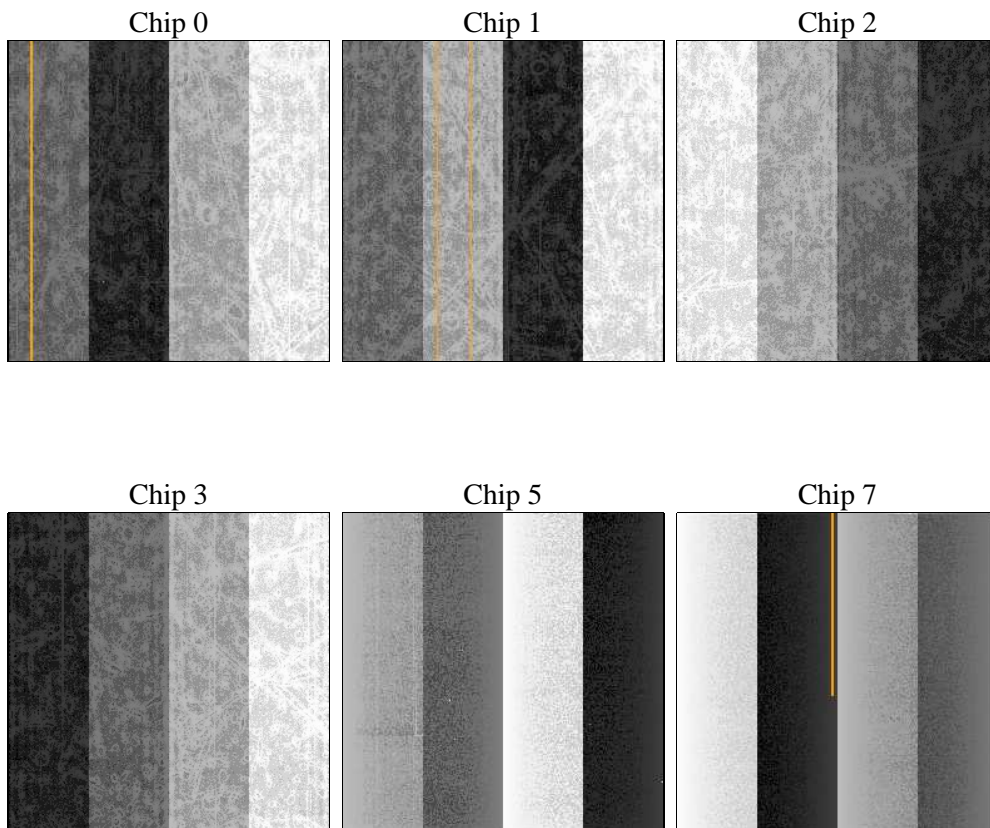
2 OBI

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	10.4.1	Processing system revision	ontime	8003.200119257	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8003.200119257	Sum of GTIs [s]
date	2015-07-10T23:35:16	Date and time of file creation	ontime1	8003.200119257	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8003.200119257	Sum of GTIs [s]
			ontime3	8003.200119257	Sum of GTIs [s]
			ontime5	8003.200119257	Sum of GTIs [s]
			ontime7	8003.200119257	Sum of GTIs [s]
			l1events	892841	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	157208	158677	159845	160413	136273	120425	grade 0 events	12451	10598	11416	11525	11718	5966
rejected events	133711	134976	137686	138134	77322	72823		7%	6%	7%	7%	8%	4%
rejected %	85%	85%	86%	86%	56%	60%	grade 1 events	79	65	59	70	143	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	4924	6655	4690	4631	19751	12334
								3%	4%	2%	2%	14%	10%
							grade 3 events	1605	1594	1576	1654	1592	3697
								1%	1%	0%	1%	1%	3%
							grade 4 events	1559	1624	1637	1564	1555	3519
								0%	1%	1%	0%	1%	2%
							grade 5 events	2845	2788	2789	3191	5827	7543
								1%	1%	1%	1%	4%	6%
							grade 6 events	3971	4254	3730	3865	26519	23821
								2%	2%	2%	2%	19%	19%
							grade 7 events	129774	131099	133948	133913	69168	63458
								82%	82%	83%	83%	50%	52%

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	OVERRIDE	OVERRIDE
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	306.1919438830222	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-18.05299042880454	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	119.6929654668889	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	552904233.110623	552904233.110623			
Observation start date	2015-07-10T08:30:33	2015-07-10T08:30:33			
[s] Observation end time (MET)	552913782.014551	552913782.014551			
Observation end date	2015-07-10T11:09:42	2015-07-10T11:09:42			
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)	2015.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.003200119257

A.2 Comments