

V&V Reference Report

L2 ASCDS Version : 10.5

Observation 50947 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 16 2016

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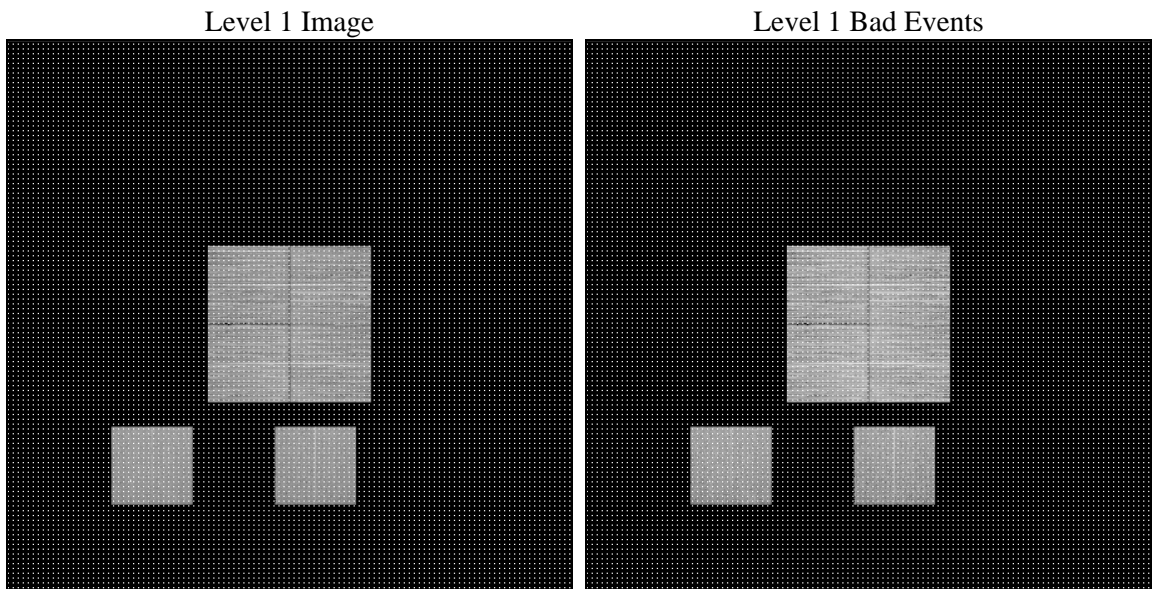
1 Front

seq_num	 	Sequence number
obs_id	50947	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	264.02109290565	Nominal RA [deg]
dec_nom	-37.485270024104	Nominal Dec [deg]
roll_nom	359.72993894976	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8251.3083744049	Sum of GTIs [s]
livetime	8146.8253394268	Livetime [s]
ontime0	8251.267334342	Sum of GTIs [s]
ontime1	8251.2262943983	Sum of GTIs [s]
ontime2	8251.1852543354	Sum of GTIs [s]
ontime3	8251.3494143486	Sum of GTIs [s]
ontime5	8251.1442143917	Sum of GTIs [s]
ontime7	8251.3083744049	Sum of GTIs [s]
l2events	178848	Number of level 2 events

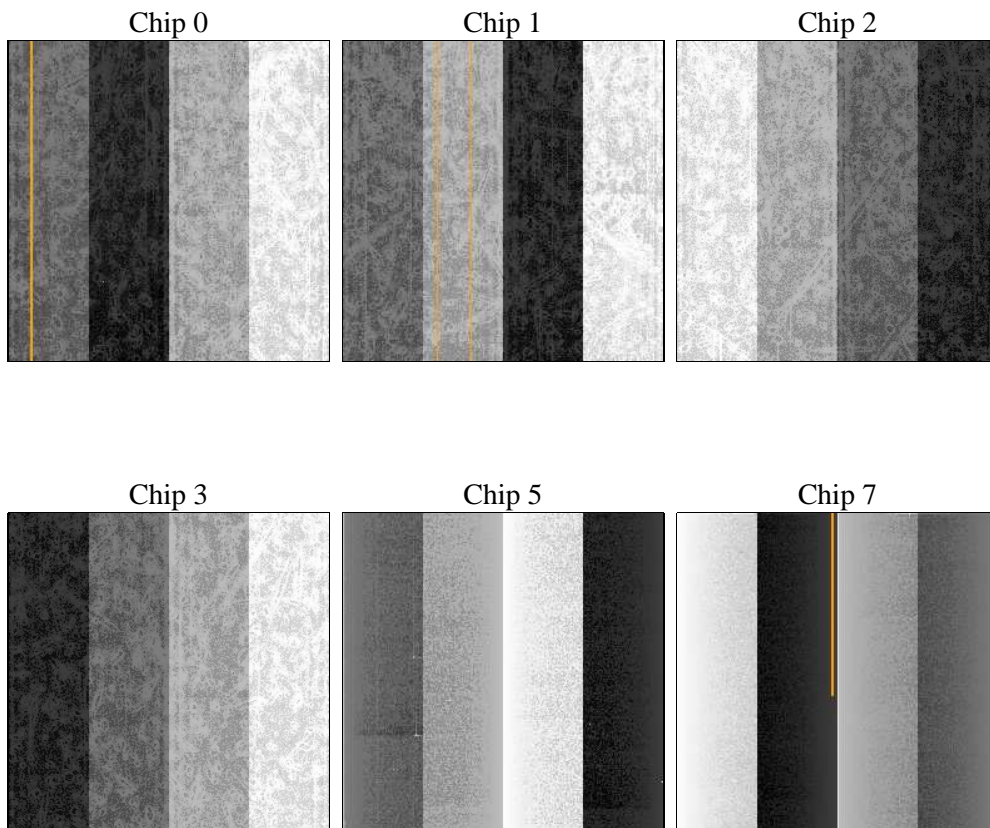
2 OBI

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	10.5	Processing system revision	ontime	8251.3083744049	Sum of GTIs [s]
caldbver	4.7.2	 	ontime0	8251.267334342	Sum of GTIs [s]
date	2016-06-16T11:36:17	Date and time of file creation	ontime1	8251.2262943983	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8251.1852543354	Sum of GTIs [s]
			ontime3	8251.3494143486	Sum of GTIs [s]
			ontime5	8251.1442143917	Sum of GTIs [s]
			ontime7	8251.3083744049	Sum of GTIs [s]
			l1events	932799	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	160733	158844	176541	163338	142186	131157	grade 0 events	9191	8831	9548	9475	4382	5543
rejected events	140988	138911	156661	143726	83772	79464		5%	5%	5%	5%	3%	4%
rejected %	87%	87%	88%	87%	58%	60%	grade 1 events	58	51	75	68	185	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	4391	4696	4255	4000	21437	12822
								2%	2%	2%	2%	15%	9%
							grade 3 events	1423	1423	1451	1476	1714	3939
								0%	0%	0%	0%	1%	3%
							grade 4 events	1374	1344	1441	1441	1697	3755
								0%	0%	0%	0%	1%	2%
							grade 5 events	3271	3278	3074	3588	6723	8555
								2%	2%	1%	2%	4%	6%
							grade 6 events	3366	3639	3185	3220	29184	25634
								2%	2%	1%	1%	20%	19%
							grade 7 events	137659	135582	153512	140070	76864	70812
								85%	85%	86%	85%	54%	53%

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	264.0210929056461	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.48527002410391	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	359.7299389497585	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	582379071.958474	582379070.93347			
Observation start date	2016-06-15T11:57:52	2016-06-15T11:57:50			
[s] Observation end time (MET)	582398581.8095911	582398580.78459			
Observation end date	2016-06-15T17:23:02	2016-06-15T17:23:00			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2016.06.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2513083744049

A.2 Comments