

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51280 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 4 2016

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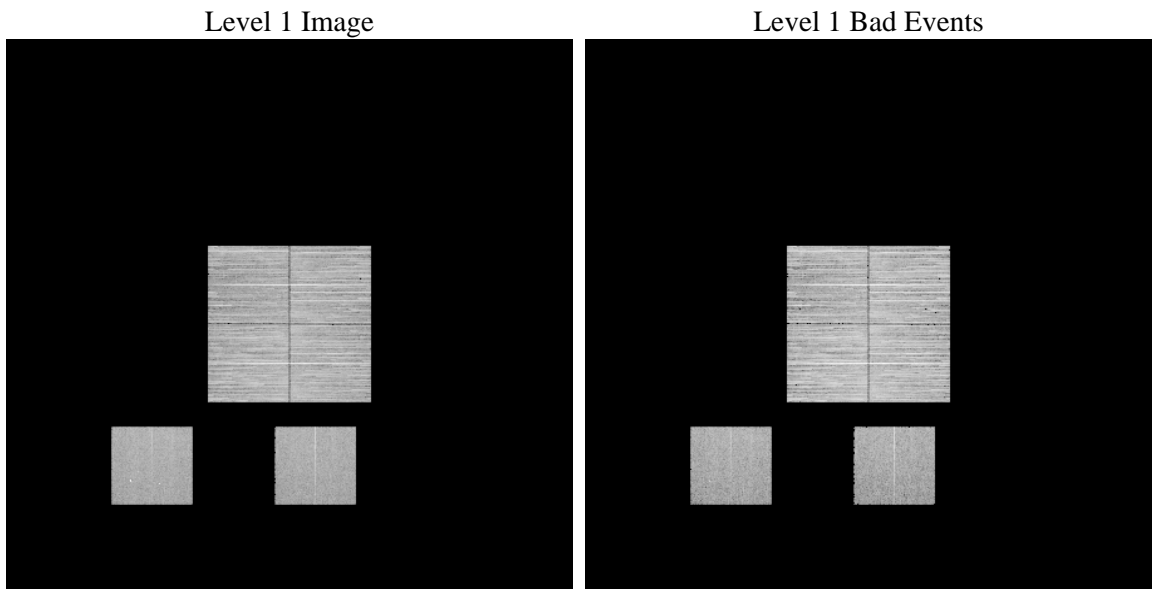
1 Front

seq_num	 	Sequence number
obs_id	51280	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	119.59589142122	Nominal RA [deg]
dec_nom	-0.65392083992111	Nominal Dec [deg]
roll_nom	314.44412693763	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6223.8420152664	Sum of GTIs [s]
livetime	6145.0319801214	Livetime [s]
ontime0	6097.3983290195	Sum of GTIs [s]
ontime1	6097.3572591543	Sum of GTIs [s]
ontime2	6097.316188693	Sum of GTIs [s]
ontime3	6097.4804394245	Sum of GTIs [s]
ontime5	6223.6778552532	Sum of GTIs [s]
ontime7	6223.8420152664	Sum of GTIs [s]
l2events	134927	Number of level 2 events

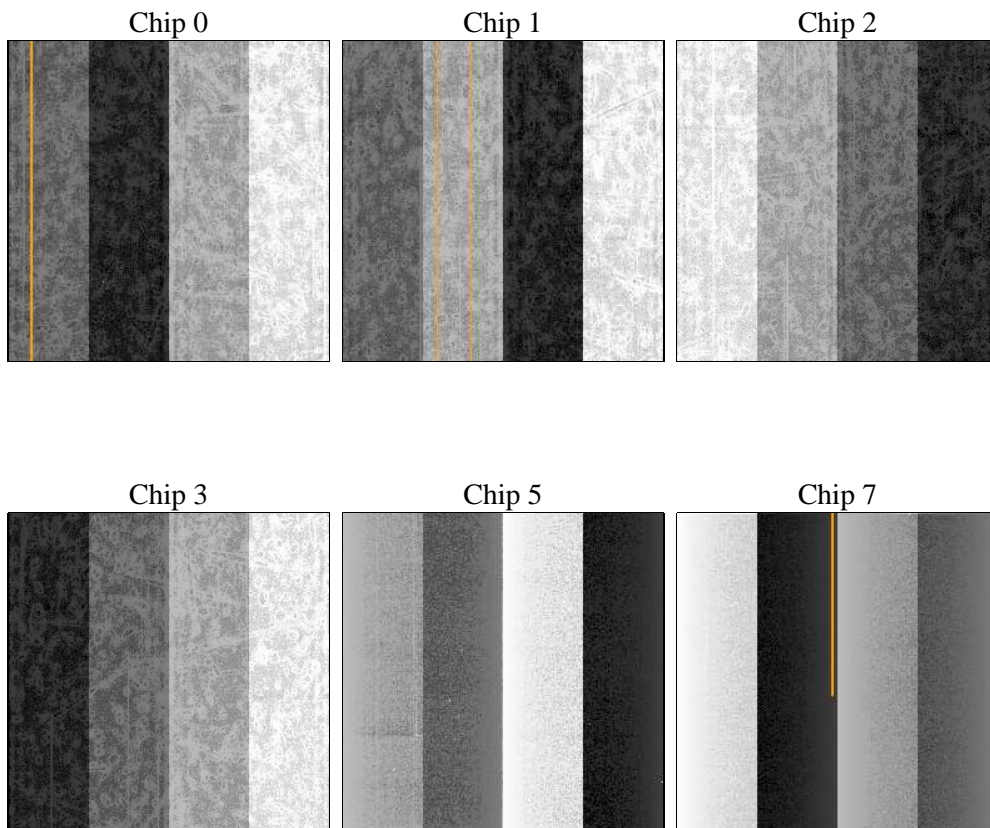
2 OBI

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	10.4.3.1	Processing system revision	ontime	6223.8420152664	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	6097.3983290195	Sum of GTIs [s]
date	2016-02-05T04:40:22	Date and time of file creation	ontime1	6097.3572591543	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6097.316188693	Sum of GTIs [s]
			ontime3	6097.4804394245	Sum of GTIs [s]
			ontime5	6223.6778552532	Sum of GTIs [s]
			ontime7	6223.8420152664	Sum of GTIs [s]
			l1events	752931	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	119337	138487	147913	142121	104607	100466	grade 0 events	7239	6544	7609	7451	3179	4207
rejected events	103659	122450	132279	126217	62900	62335		6%	4%	5%	5%	3%	4%
rejected %	86%	88%	89%	88%	60%	62%	grade 1 events	53	34	36	56	154	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	3823	4605	3555	3556	14868	9620
								3%	3%	2%	2%	14%	9%
							grade 3 events	1077	1008	1053	1132	1237	2720
								0%	0%	0%	0%	1%	2%
							grade 4 events	1033	1011	1088	1196	1074	2593
								0%	0%	0%	0%	1%	2%
							grade 5 events	2240	2159	2128	2600	4548	5920
								1%	1%	1%	1%	4%	5%
							grade 6 events	2767	3129	2608	2803	22030	19613
								2%	2%	1%	1%	21%	19%
							grade 7 events	101105	119997	129836	123327	57517	55716
								84%	86%	87%	86%	54%	55%

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	119.5958914212156	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.6539208399211068	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	314.4441269376332	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	570995011.372812	570995010.34781			
Observation start date	2016-02-04T17:43:31	2016-02-04T17:43:30			
[s] Observation end time (MET)	571006190.023447	571006188.99845			
Observation end date	2016-02-04T20:49:50	2016-02-04T20:49:48			
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)	2016.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2238420152664

A.2 Comments