

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52965 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 26 2014

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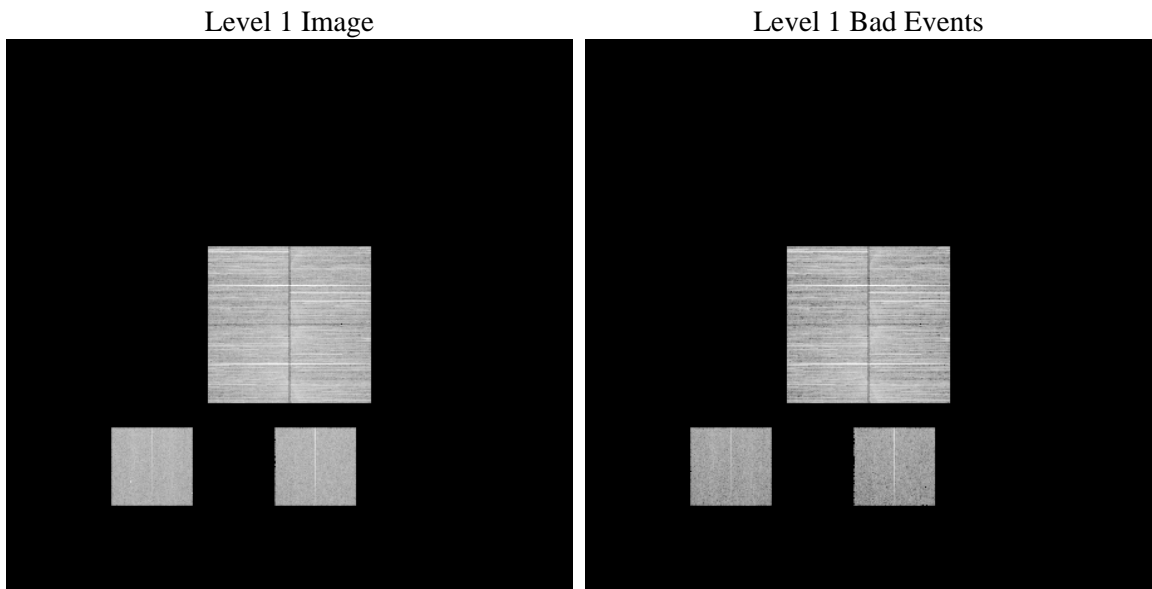
1 Front

seq_num	 	Sequence number
obs_id	52965	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	134.01658623566	Nominal RA [deg]
dec_nom	8.9764481010493	Nominal Dec [deg]
roll_nom	271.90041082943	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6825.177354455	Sum of GTIs [s]
livetime	6738.7528491645	Livetime [s]
ontime0	6825.1363144517	Sum of GTIs [s]
ontime1	6825.0952744484	Sum of GTIs [s]
ontime2	6825.0542344451	Sum of GTIs [s]
ontime3	6825.2183944583	Sum of GTIs [s]
ontime5	6825.0131944418	Sum of GTIs [s]
ontime7	6825.177354455	Sum of GTIs [s]
l2events	207538	Number of level 2 events

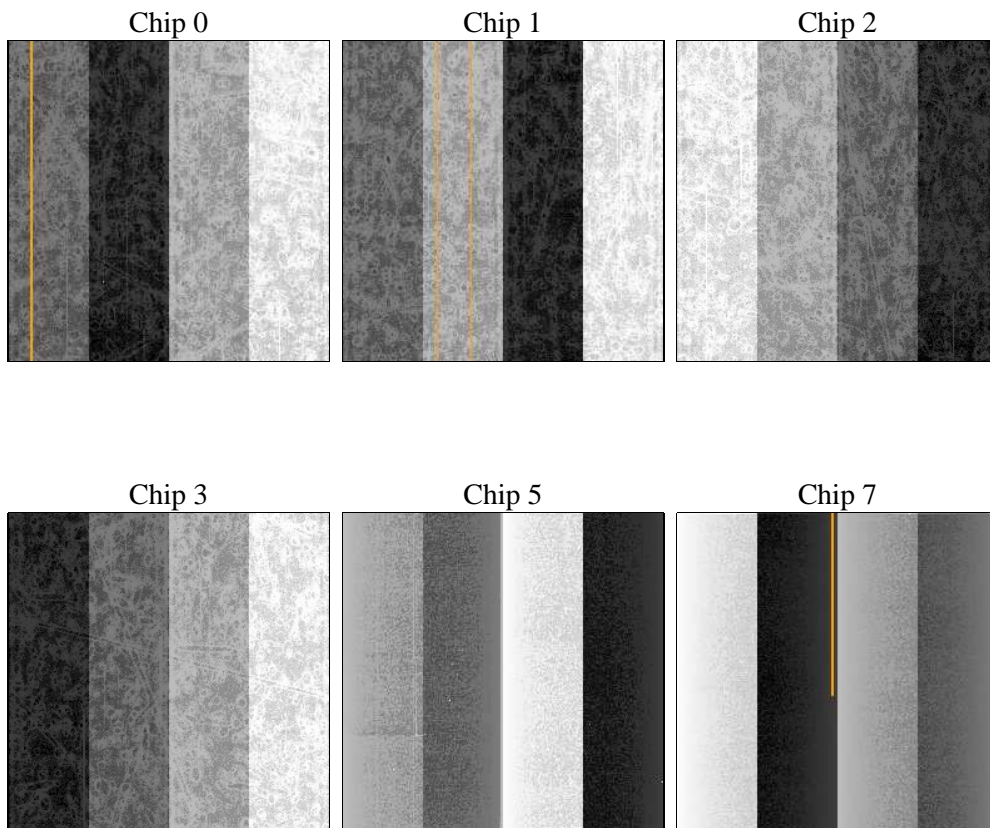
2 OBI

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	10.2.1	Processing system revision	ontime	6825.177354455	Sum of GTIs [s]
caldbver	4.6.0	 	ontime0	6825.1363144517	Sum of GTIs [s]
date	2014-02-26T12:20:10	Date and time of file creation	ontime1	6825.0952744484	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6825.0542344451	Sum of GTIs [s]
			ontime3	6825.2183944583	Sum of GTIs [s]
			ontime5	6825.0131944418	Sum of GTIs [s]
			ontime7	6825.177354455	Sum of GTIs [s]
			l1events	897544	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	159336	164080	171540	173487	117456	111645	grade 0 events	13828	12927	14701	14635	4566	7032
rejected events	131061	135474	143183	144846	63853	60131		8%	7%	8%	8%	3%	6%
rejected %	82%	82%	83%	83%	54%	53%	grade 1 events	78	79	98	107	208	122
								0%	0%	0%	0%	0%	0%
							grade 2 events	6048	7095	5468	5731	20973	13502
								3%	4%	3%	3%	17%	12%
							grade 3 events	1953	1740	1968	1915	2047	4014
								1%	1%	1%	1%	1%	3%
							grade 4 events	1800	1846	1891	1937	1961	3901
								1%	1%	1%	1%	1%	3%
							grade 5 events	2306	2289	2100	2345	4863	5659
								1%	1%	1%	1%	4%	5%
							grade 6 events	4646	4998	4329	4423	24056	23065
								2%	3%	2%	2%	20%	20%
							grade 7 events	128677	133106	140985	142394	58782	54350
								80%	81%	82%	82%	50%	48%

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	134.0165862356615
[deg] Pointing Dec	0	8.976448101049268
[deg] Pointing Roll	0.0	271.900410829434
[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)	509756013.15988	509756012.13488
Observation start date	2014-02-25T22:53:33	2014-02-25T22:53:32
[s] Observation end time (MET)	509764742.06036	509764741.03536
Observation end date	2014-02-26T01:19:02	2014-02-26T01:19:01
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2014.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.825177354455

A.2 Comments