

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 50992 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 30 2016

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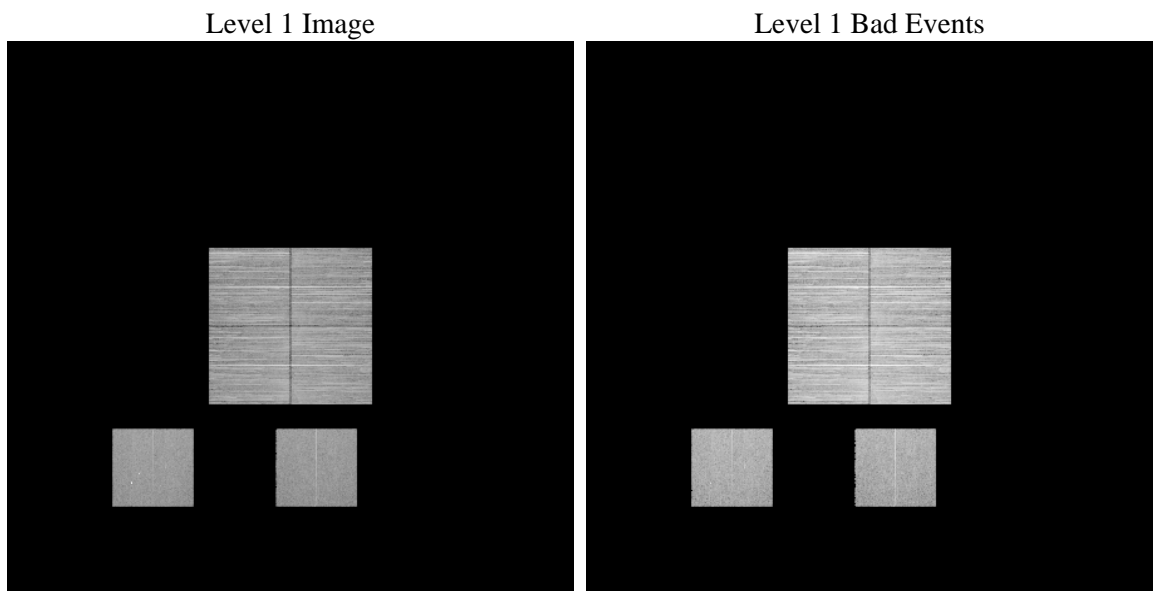
1 Front

seq_num	 	Sequence number
obs_id	50992	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	259.43859000902	Nominal RA [deg]
dec_nom	-46.72528223875	Nominal Dec [deg]
roll_nom	25.676405697597	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8019.2001194954	Sum of GTIs [s]
livetime	7917.6561789997	Livetime [s]
ontime0	8019.2001194954	Sum of GTIs [s]
ontime1	8019.2001194954	Sum of GTIs [s]
ontime2	8019.2001194954	Sum of GTIs [s]
ontime3	8019.2001194954	Sum of GTIs [s]
ontime5	8019.2001194954	Sum of GTIs [s]
ontime7	8019.2001194954	Sum of GTIs [s]
l2events	180859	Number of level 2 events

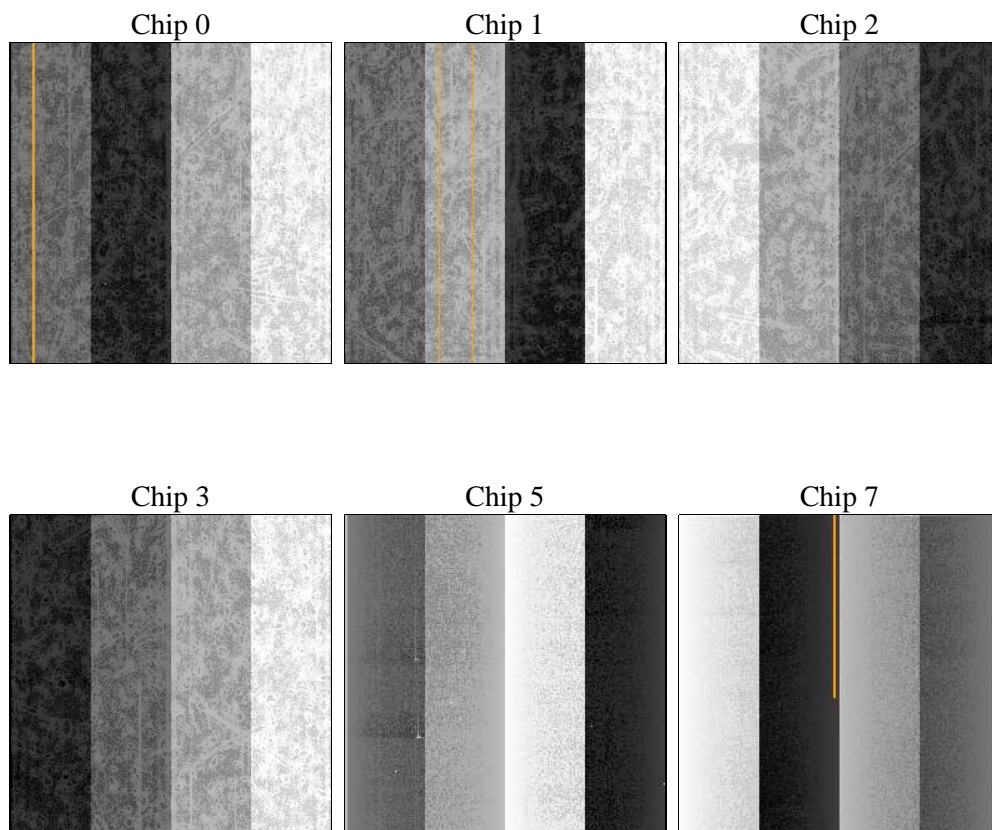
2 OBI

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	8019.2001194954	Sum of GTIs [s]
caldbver	4.7.1	 	ontime0	8019.2001194954	Sum of GTIs [s]
date	2016-05-30T23:43:41	Date and time of file creation	ontime1	8019.2001194954	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8019.2001194954	Sum of GTIs [s]
			ontime3	8019.2001194954	Sum of GTIs [s]
			ontime5	8019.2001194954	Sum of GTIs [s]
			ontime7	8019.2001194954	Sum of GTIs [s]
			l1events	1008459	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	179089	169977	185203	194365	146153	133672	grade 0 events	9839	8877	10439	10369	4855	5637
rejected events	158335	149227	164390	173455	88004	83018		5%	5%	5%	5%	3%	4%
rejected %	88%	87%	88%	89%	60%	62%	grade 1 events	65	44	72	65	192	125
								0%	0%	0%	0%	0%	0%
							grade 2 events	5131	5691	4834	4738	21362	13379
								2%	3%	2%	2%	14%	10%
							grade 3 events	1522	1464	1476	1573	1739	3591
								0%	0%	0%	0%	1%	2%
							grade 4 events	1448	1425	1480	1544	1652	3532
								0%	0%	0%	0%	1%	2%
							grade 5 events	3156	3113	3058	3581	6295	8144
								1%	1%	1%	1%	4%	6%
							grade 6 events	3948	4347	3658	3866	30719	26474
								2%	2%	1%	1%	21%	19%
							grade 7 events	153980	145016	160186	168629	79339	72790
								85%	85%	86%	86%	54%	54%

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	259.4385900090209
[deg] Pointing Dec	0	-46.72528223874995
[deg] Pointing Roll	0.0	25.6764056975972
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	581009112.230027	581009112.230027
Observation start date	2016-05-30T15:25:12	2016-05-30T15:25:12
[s] Observation end time (MET)	581018657.697064	581018657.697064
Observation end date	2016-05-30T18:04:18	2016-05-30T18:04:17
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)	2016.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0192001194954

A.2 Comments