

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51080 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 27 2016

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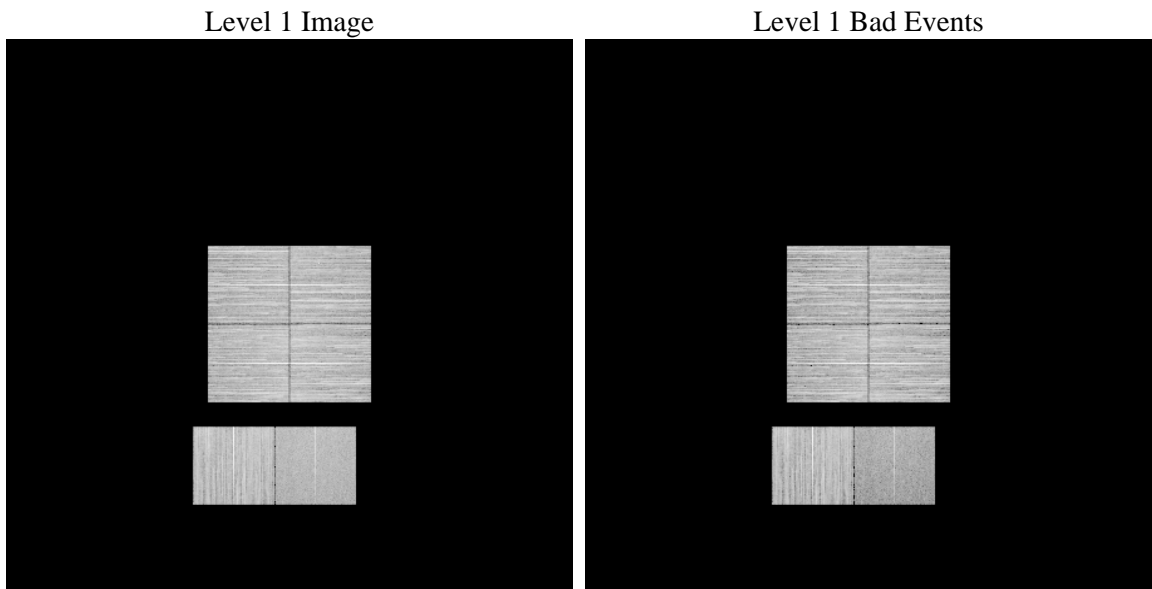
1 Front

seq_num	 	Sequence number
obs_id	51080	Observation id
title	ACIS-012367 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	231.0832736757	Nominal RA [deg]
dec_nom	1.0830693706154	Nominal Dec [deg]
roll_nom	132.47828449447	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8187.397307992	Sum of GTIs [s]
livetime	8083.7235534194	Livetime [s]
ontime0	8187.3562679291	Sum of GTIs [s]
ontime1	8187.3152279854	Sum of GTIs [s]
ontime2	8187.2741879225	Sum of GTIs [s]
ontime3	8187.4383479357	Sum of GTIs [s]
ontime6	8187.2331479788	Sum of GTIs [s]
ontime7	8187.397307992	Sum of GTIs [s]
l2events	143897	Number of level 2 events

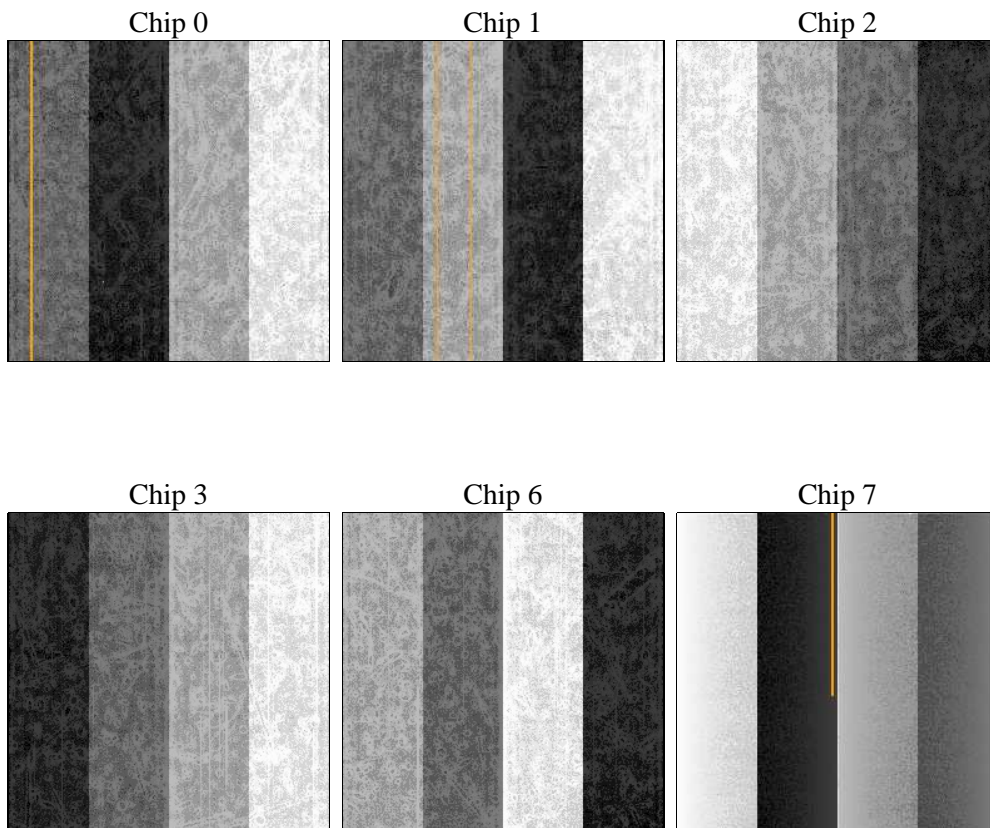
2 OBI

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	8187.397307992	Sum of GTIs [s]
caldsver	4.7.1	 	ontime0	8187.3562679291	Sum of GTIs [s]
date	2016-04-27T07:21:56	Date and time of file creation	ontime1	8187.3152279854	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8187.2741879225	Sum of GTIs [s]
			ontime3	8187.4383479357	Sum of GTIs [s]
			ontime6	8187.2331479788	Sum of GTIs [s]
			ontime7	8187.397307992	Sum of GTIs [s]
			l1events	983684	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	165223	162790	173353	179071	173206	130041	grade 0 events	9550	9363	9861	10036	9594	5872
rejected events	145238	142278	153529	158456	152354	78254		5%	5%	5%	5%	5%	4%
rejected %	87%	87%	88%	88%	87%	60%	grade 1 events	75	53	68	68	57	104
								0%	0%	0%	0%	0%	0%
							grade 2 events	4350	4690	4140	4261	4579	12853
								2%	2%	2%	2%	2%	9%
							grade 3 events	1462	1471	1497	1573	1457	3918
								0%	0%	0%	0%	0%	3%
							grade 4 events	1412	1512	1432	1533	1462	3938
								0%	0%	0%	0%	0%	3%
							grade 5 events	3264	3193	3092	3594	3427	8553
								1%	1%	1%	2%	1%	6%
							grade 6 events	3452	3719	3140	3429	3988	25737
								2%	2%	1%	1%	2%	19%
							grade 7 events	141658	138789	150123	154577	148642	69066
								85%	85%	86%	86%	85%	53%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	231.083273675699
[deg] Pointing Dec	0	1.083069370615408
[deg] Pointing Roll	0.0	132.4782844944664
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)	578035939.6599441	578035939.6599441
Observation start date	2016-04-26T05:32:20	2016-04-26T05:32:19
[s] Observation end time (MET)	578045487.30821	578045487.30821
Observation end date	2016-04-26T08:11:27	2016-04-26T08:11:27
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.187397307992

A.2 Comments