

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56088 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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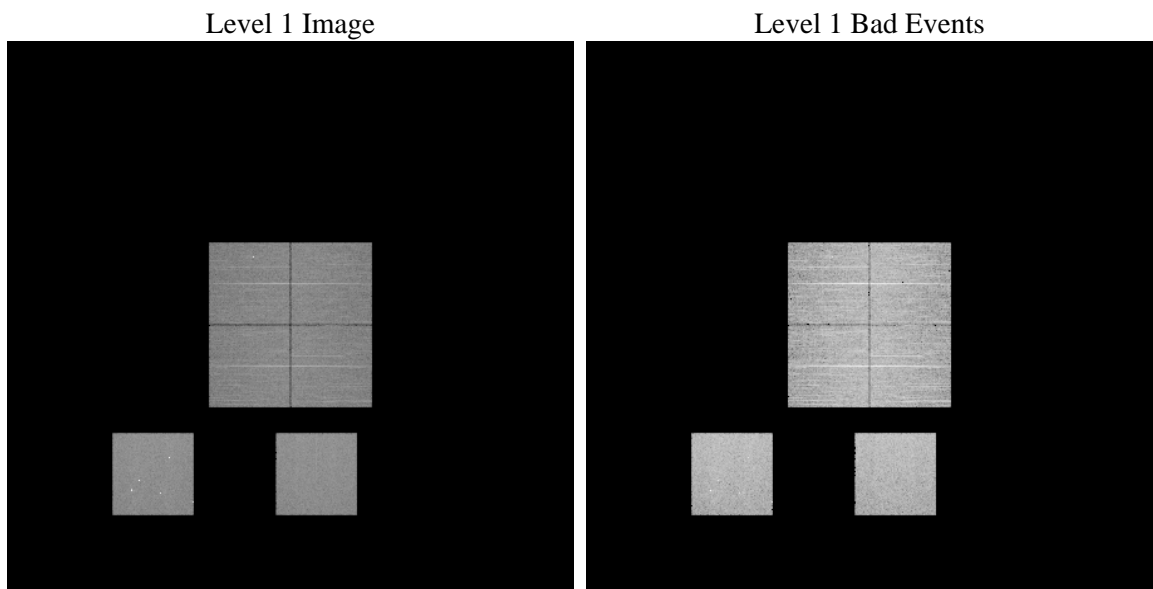
1 Front

seq_num	 	Sequence number
obs_id	56088	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	303.90837378944	Nominal RA [deg]
dec_nom	-19.879225894332	Nominal Dec [deg]
roll_nom	266.86747388105	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8070.399969995	Sum of GTIs [s]
livetime	7968.2077061635	Livetime [s]
ontime0	8070.399969995	Sum of GTIs [s]
ontime1	8070.399969995	Sum of GTIs [s]
ontime2	8070.399969995	Sum of GTIs [s]
ontime3	8070.399969995	Sum of GTIs [s]
ontime5	8070.399969995	Sum of GTIs [s]
ontime7	8070.399969995	Sum of GTIs [s]
l2events	393917	Number of level 2 events

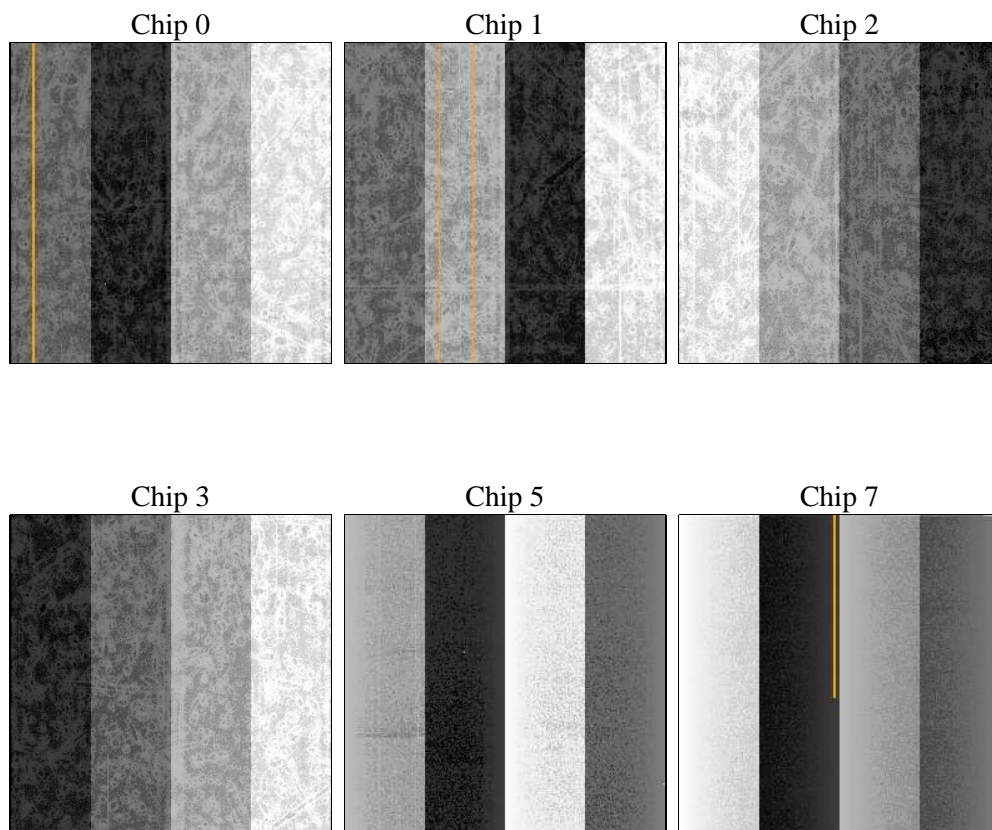
2 OBI

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	8.4.5	Processing system revision	ontime	8070.399969995	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8070.399969995	Sum of GTIs [s]
date	2012-07-01T05:05:35	Date and time of file creation	ontime1	8070.399969995	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8070.399969995	Sum of GTIs [s]
			ontime3	8070.399969995	Sum of GTIs [s]
			ontime5	8070.399969995	Sum of GTIs [s]
			ontime7	8070.399969995	Sum of GTIs [s]
			l1events	811221	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	119258	121141	123593	125753	164094	157382	grade 0 events	32552	30927	32456	32407	17978	16537
rejected events	60061	62858	65421	67368	67142	66813		27%	25%	26%	25%	10%	10%
rejected %	50%	51%	52%	53%	40%	42%	grade 1 events	204	146	238	221	311	125
								0%	0%	0%	0%	0%	0%
							grade 2 events	10916	11571	10280	10352	33897	20308
								9%	9%	8%	8%	20%	12%
							grade 3 events	4072	4004	4114	4110	4075	8588
								3%	3%	3%	3%	2%	5%
							grade 4 events	4010	3991	4123	4207	3989	8457
								3%	3%	3%	3%	2%	5%
							grade 5 events	3763	3834	3564	4049	8517	10042
								3%	3%	2%	3%	5%	6%
							grade 6 events	9136	9309	8763	8905	39691	39131
								7%	7%	7%	7%	24%	24%
							grade 7 events	54605	57359	60055	61502	55636	54194
								45%	47%	48%	48%	33%	34%

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	303.9083737894424
[deg] Pointing Dec	0	-19.87922589433195
[deg] Pointing Roll	0.0	266.8674738810471
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	397529664.907149	397529664.907149
Observation start date	2010-08-07T00:54:25	2010-08-07T00:54:24
[s] Observation end time (MET)	397539213.263018	397539213.263018
Observation end date	2010-08-07T03:33:33	2010-08-07T03:33:33
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.070399969995

A.2 Comments