

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55297 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 18 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

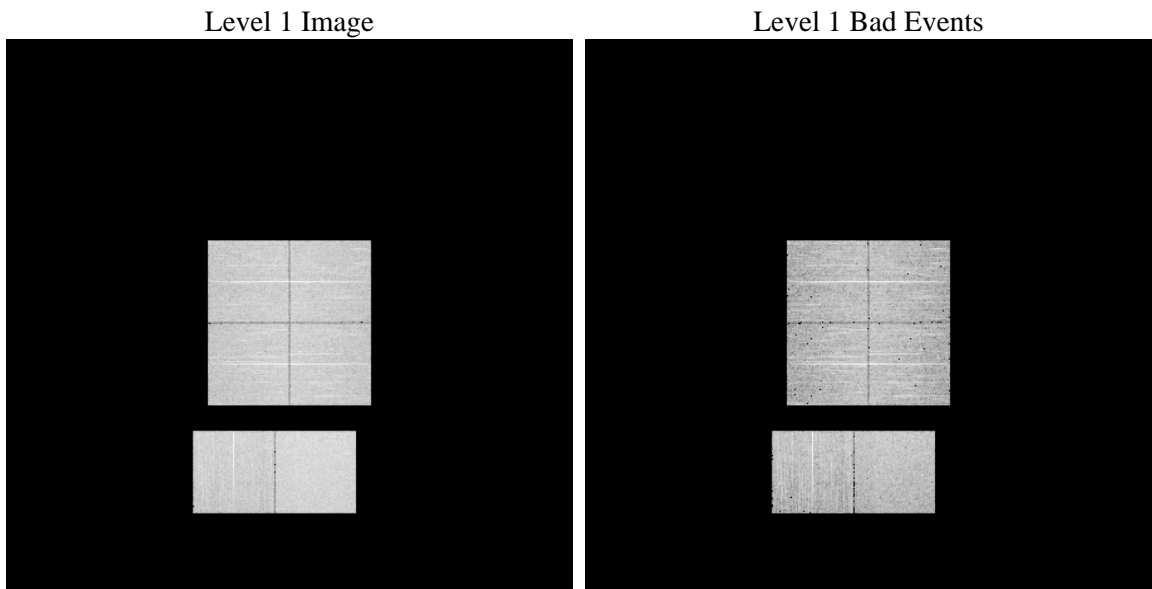
1 Front

seq_num	 	Sequence number
obs_id	55297	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	268.01835799256	Nominal RA [deg]
dec_nom	-34.015352187747	Nominal Dec [deg]
roll_nom	292.36356445459	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.4835250974	Sum of GTIs [s]
livetime	8182.5424185791	Livetime [s]
ontime0	8287.4424850941	Sum of GTIs [s]
ontime1	8287.4014450908	Sum of GTIs [s]
ontime2	8287.3604050875	Sum of GTIs [s]
ontime3	8287.5245651007	Sum of GTIs [s]
ontime6	8287.3193650842	Sum of GTIs [s]
ontime7	8287.4835250974	Sum of GTIs [s]
l2events	301640	Number of level 2 events

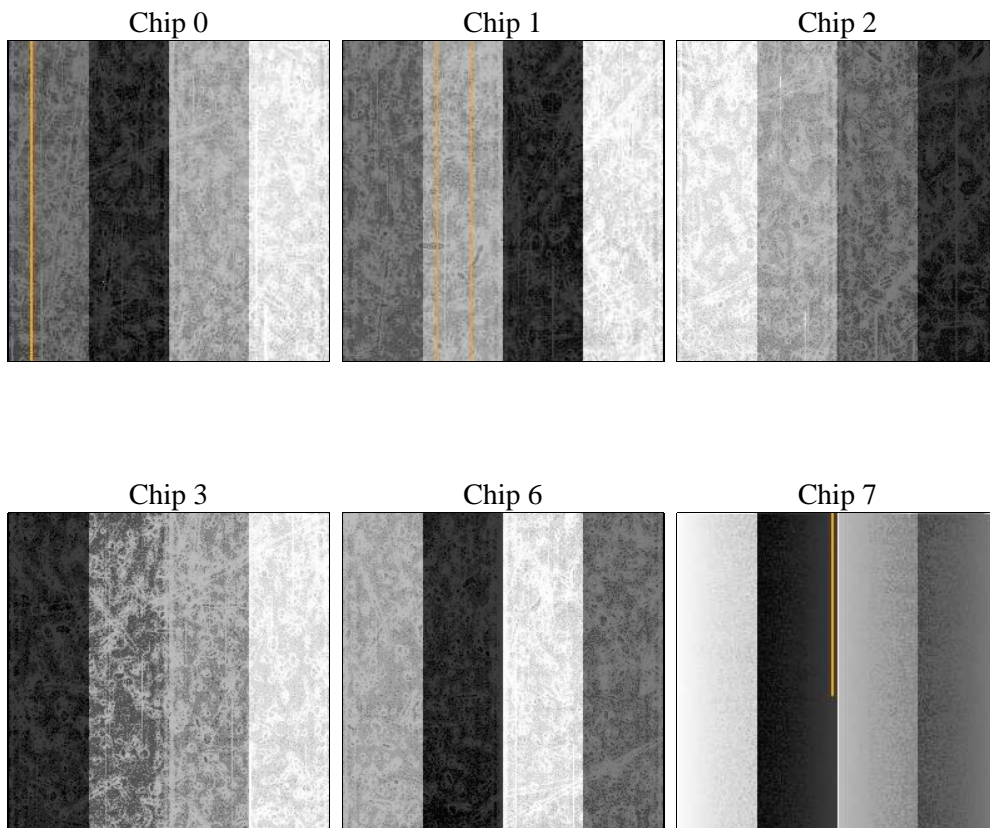
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8287.4835250974	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8287.4424850941	Sum of GTIs [s]
date	2012-02-18T04:56:39	Date and time of file creation	ontime1	8287.4014450908	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.3604050875	Sum of GTIs [s]
			ontime3	8287.5245651007	Sum of GTIs [s]
			ontime6	8287.3193650842	Sum of GTIs [s]
			ontime7	8287.4835250974	Sum of GTIs [s]
			l1events	637359	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	98688	98677	99352	101379	106055	133208	grade 0 events	25308	24764	25807	25727	25895	13103
rejected events	50606	50446	51386	53207	55959	56408		25%	25%	25%	25%	24%	9%
rejected %	51%	51%	51%	52%	52%	42%	grade 1 events	131	119	177	160	142	116
								0%	0%	0%	0%	0%	0%
							grade 2 events	8907	9287	8382	8687	8951	16720
								9%	9%	8%	8%	8%	12%
							grade 3 events	3284	3229	3278	3275	3355	6768
								3%	3%	3%	3%	3%	5%
							grade 4 events	3230	3252	3345	3303	3376	6727
								3%	3%	3%	3%	3%	5%
							grade 5 events	3247	3352	2960	3620	3501	8769
								3%	3%	2%	3%	3%	6%
							grade 6 events	7370	7717	7171	7195	8544	33510
								7%	7%	7%	7%	8%	25%
							grade 7 events	47211	46957	48232	49412	52291	47495
								47%	47%	48%	48%	49%	35%

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	268.0183579925597
[deg] Pointing Dec	0	-34.01535218774662
[deg] Pointing Roll	0.0	292.3635644545862
[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)	427032655.159559	427032654.13456
Observation start date	2011-07-14T12:10:55	2011-07-14T12:10:54
[s] Observation end time (MET)	427044881.360197	427044880.3352
Observation end date	2011-07-14T15:34:41	2011-07-14T15:34:40
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2874835250974

A.2 Comments