

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51829 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 17 2015

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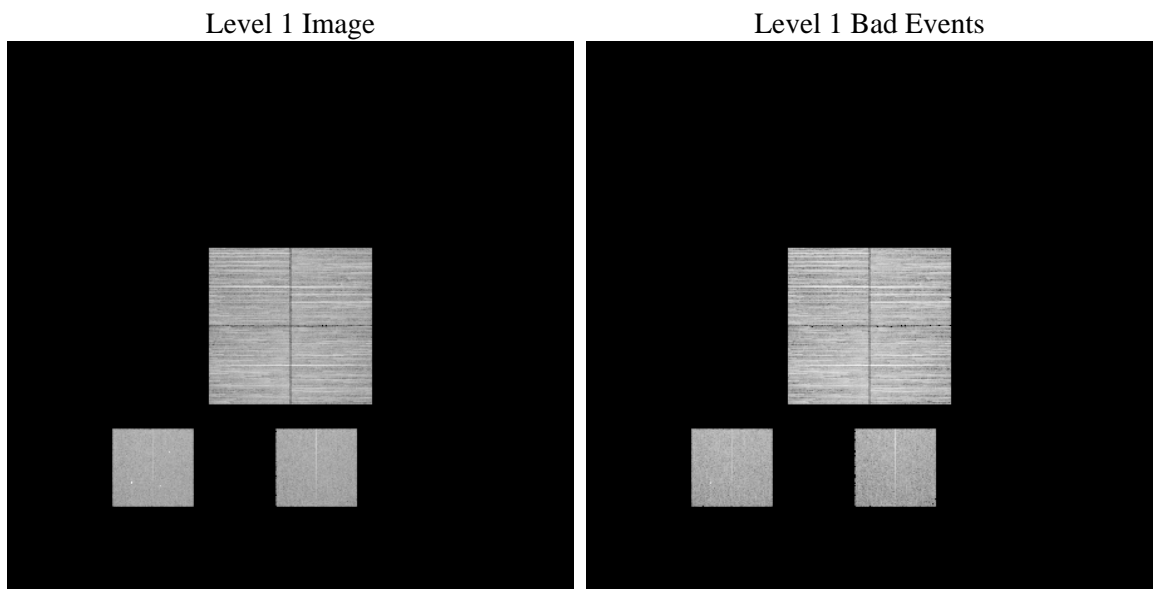
1 Front

seq_num	 	Sequence number
obs_id	51829	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	271.02944466388	Nominal RA [deg]
dec_nom	-47.978522727019	Nominal Dec [deg]
roll_nom	14.361890064053	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8265.600123167	Sum of GTIs [s]
livetime	8160.9361174606	Livetime [s]
ontime0	8265.600123167	Sum of GTIs [s]
ontime1	8265.600123167	Sum of GTIs [s]
ontime2	8265.600123167	Sum of GTIs [s]
ontime3	8265.600123167	Sum of GTIs [s]
ontime5	8265.600123167	Sum of GTIs [s]
ontime7	8265.600123167	Sum of GTIs [s]
l2events	181307	Number of level 2 events

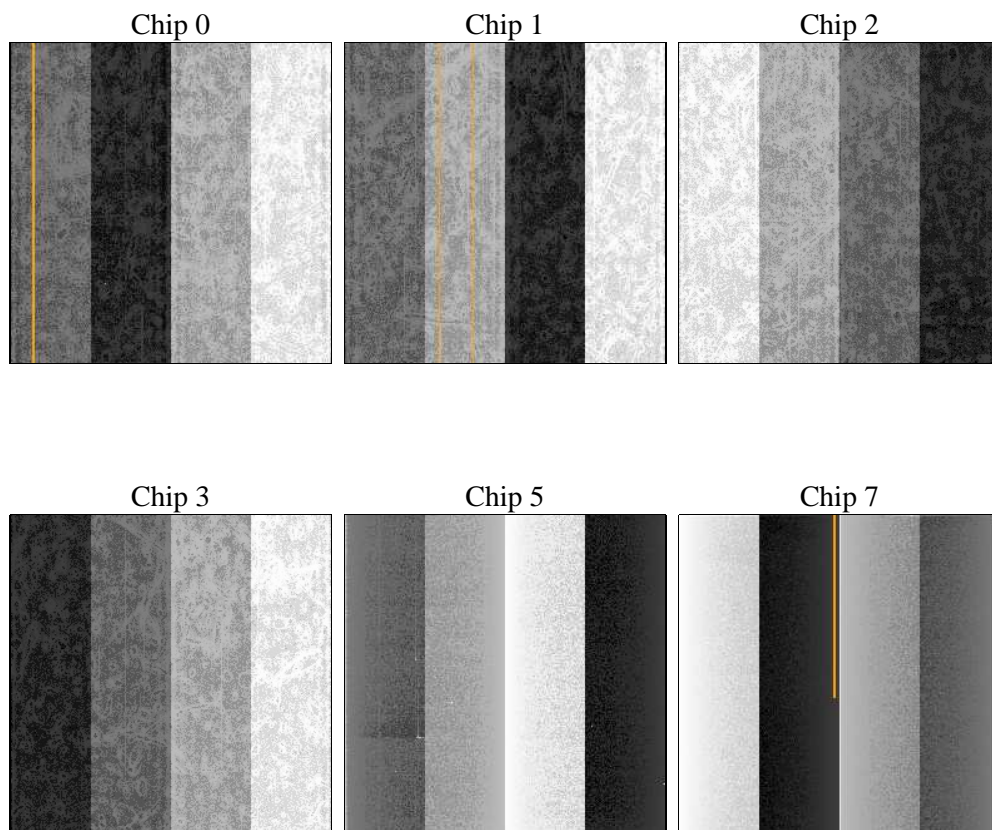
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	8265.600123167	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8265.600123167	Sum of GTIs [s]
date	2015-06-17T05:48:15	Date and time of file creation	ontime1	8265.600123167	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8265.600123167	Sum of GTIs [s]
			ontime3	8265.600123167	Sum of GTIs [s]
			ontime5	8265.600123167	Sum of GTIs [s]
			ontime7	8265.600123167	Sum of GTIs [s]
			l1events	841349	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	147311	147753	154969	150548	124474	116294	grade 0 events	10895	10391	11240	11331	4677	6090
rejected events	124936	125177	132617	127919	71636	67488		7%	7%	7%	7%	3%	5%
rejected %	84%	84%	85%	84%	57%	58%	grade 1 events	64	46	56	60	138	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	4741	5256	4506	4497	19489	11939
								3%	3%	2%	2%	15%	10%
							grade 3 events	1603	1498	1534	1582	1599	3867
								1%	1%	0%	1%	1%	3%
							grade 4 events	1489	1551	1566	1587	1502	3649
								1%	1%	1%	1%	1%	3%
							grade 5 events	2816	2812	2562	3136	5755	7481
								1%	1%	1%	2%	4%	6%
							grade 6 events	3656	3885	3514	3639	25596	23284
								2%	2%	2%	2%	20%	20%
							grade 7 events	122047	122314	129991	124716	65718	59893
								82%	82%	83%	82%	52%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	271.0294446638785	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-47.97852272701891	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	14.36189006405252	[s] Primary exposure time	3.2	3.2
[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)	550849356.045011	550849355.02001			
Observation start date	2015-06-16T13:42:36	2015-06-16T13:42:35			
[s] Observation end time (MET)	550863248.895846	550863247.87085			
Observation end date	2015-06-16T17:34:09	2015-06-16T17:34:07			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.265600123167

A.2 Comments