

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8575 - L2 Version 2
Chandra X-Ray Center

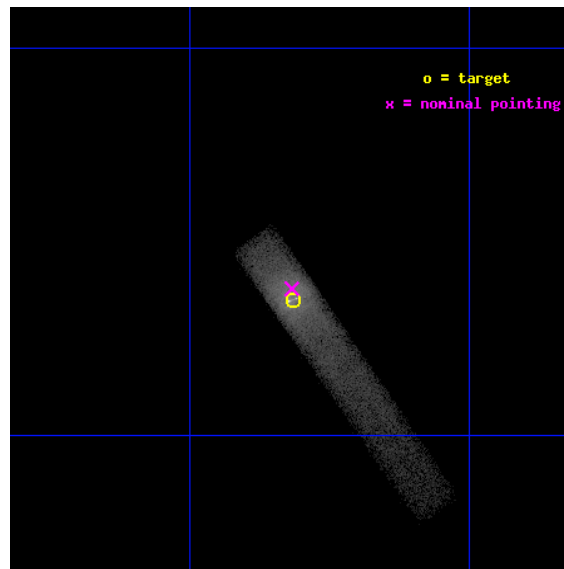
L2 Processing Date : May 5 2012

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1 Front

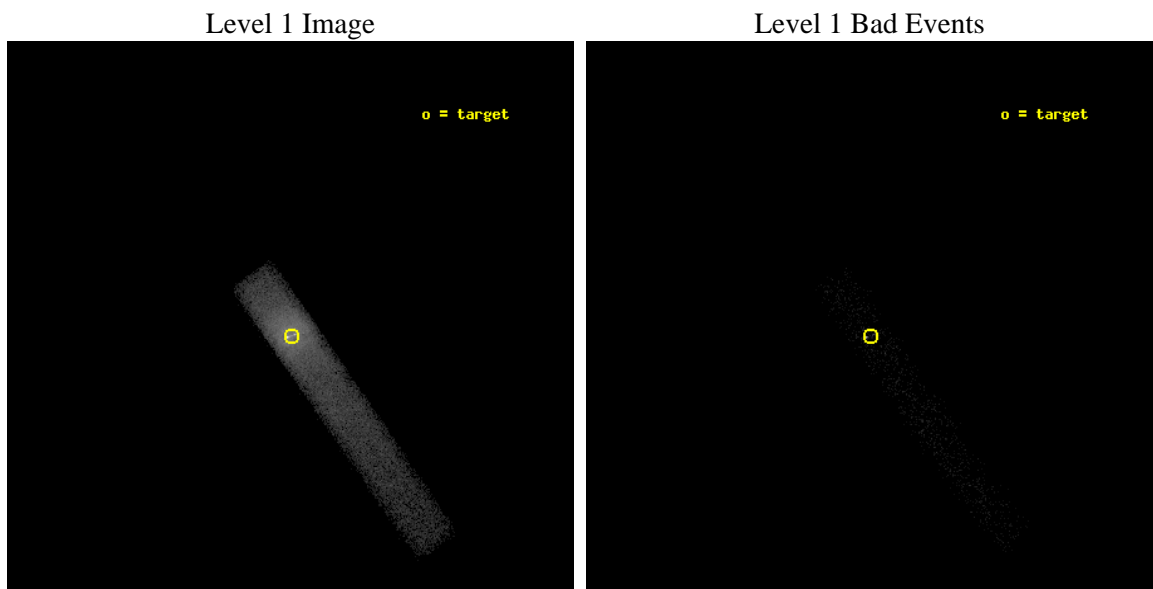
seq_num	701584	Sequence number
obs_id	8575	Observation id
title	Monitoring the Giant Flare of HST-1 in the M87 Jet	Proposal title
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.70452598033	Nominal RA [deg]
dec_nom	12.396469216941	Nominal Dec [deg]
roll_nom	55.156580048889	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5159.1996924877	Sum of GTIs [s]
livetime	4679.1217961978	Livetime [s]
ontime7	5159.1996924877	Sum of GTIs [s]
l2events	56776	Number of level 2 events



2 OBI

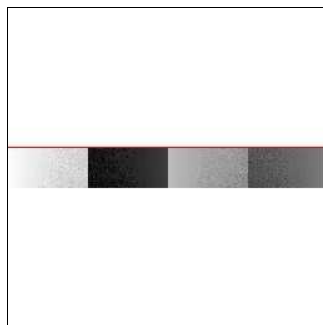
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5159.1996924877	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5159.1996924877	Sum of GTIs [s]
date	2012-05-05T05:08:45	Date and time of file creation	l1events	66361	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

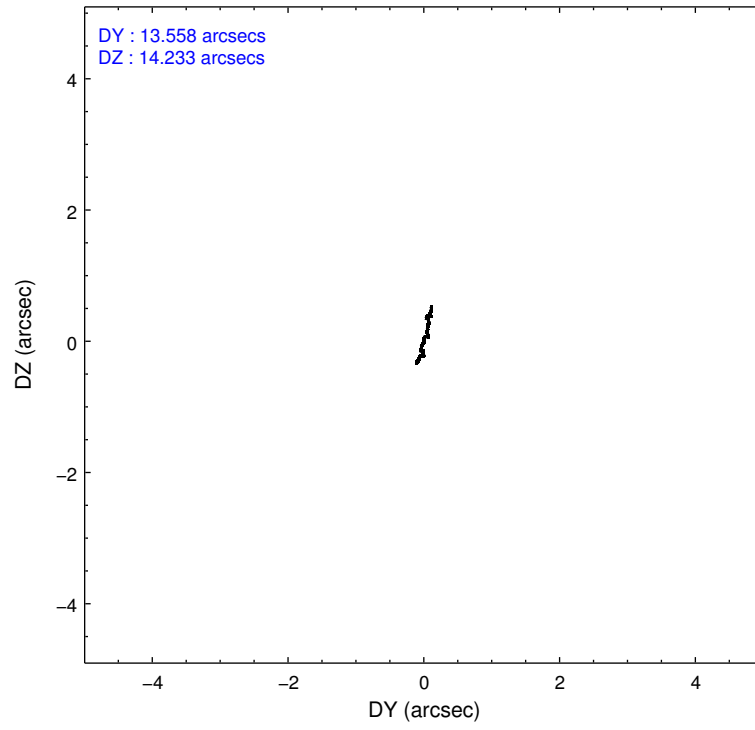
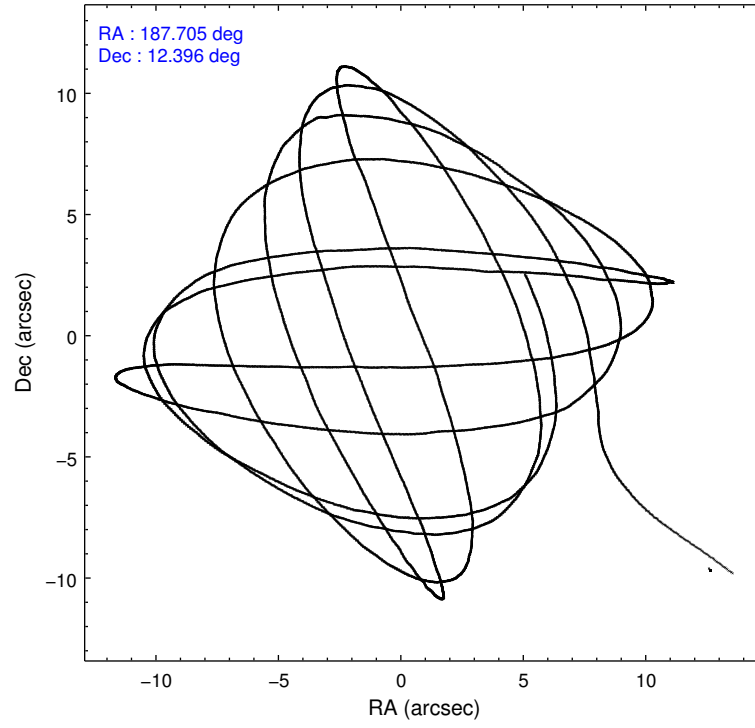
	ccd 7
level 1 events	66361
rejected events	8937
rejected %	13%

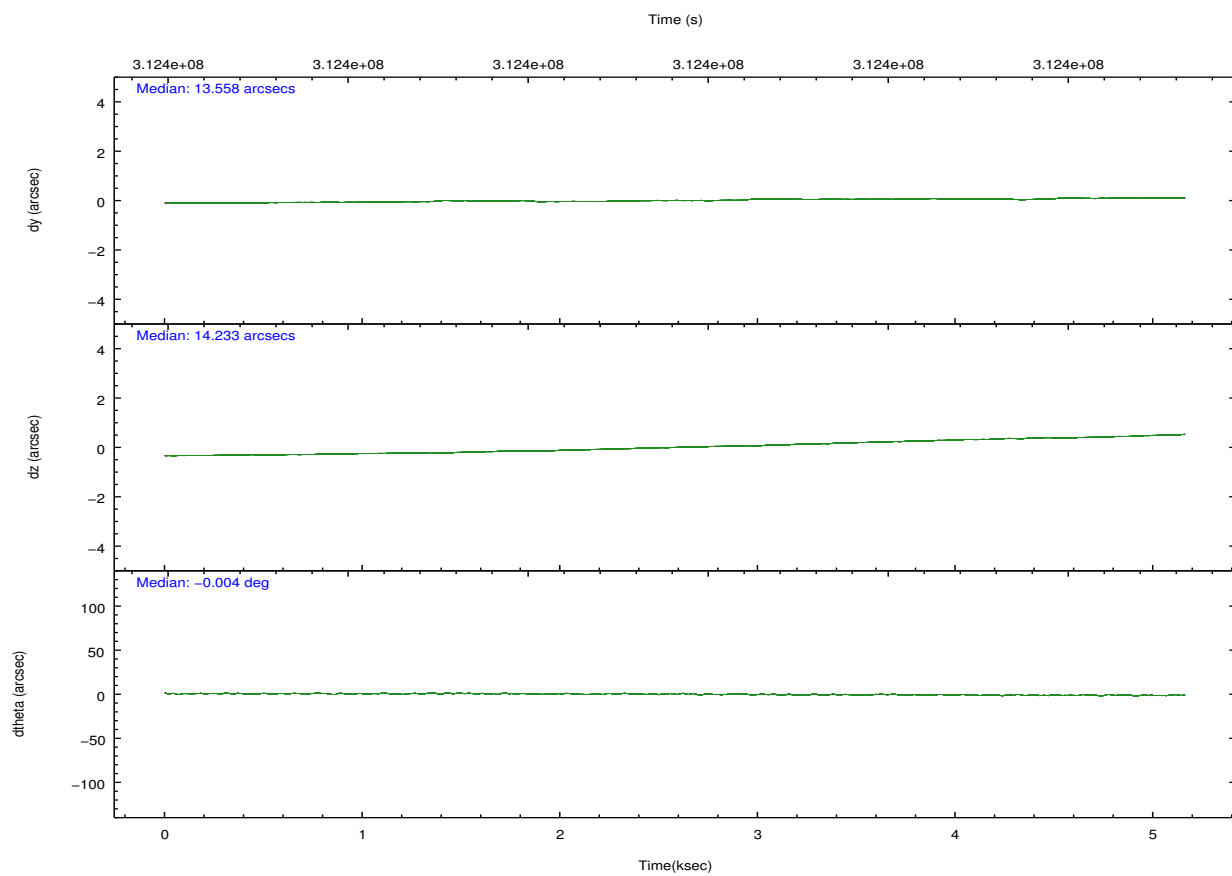
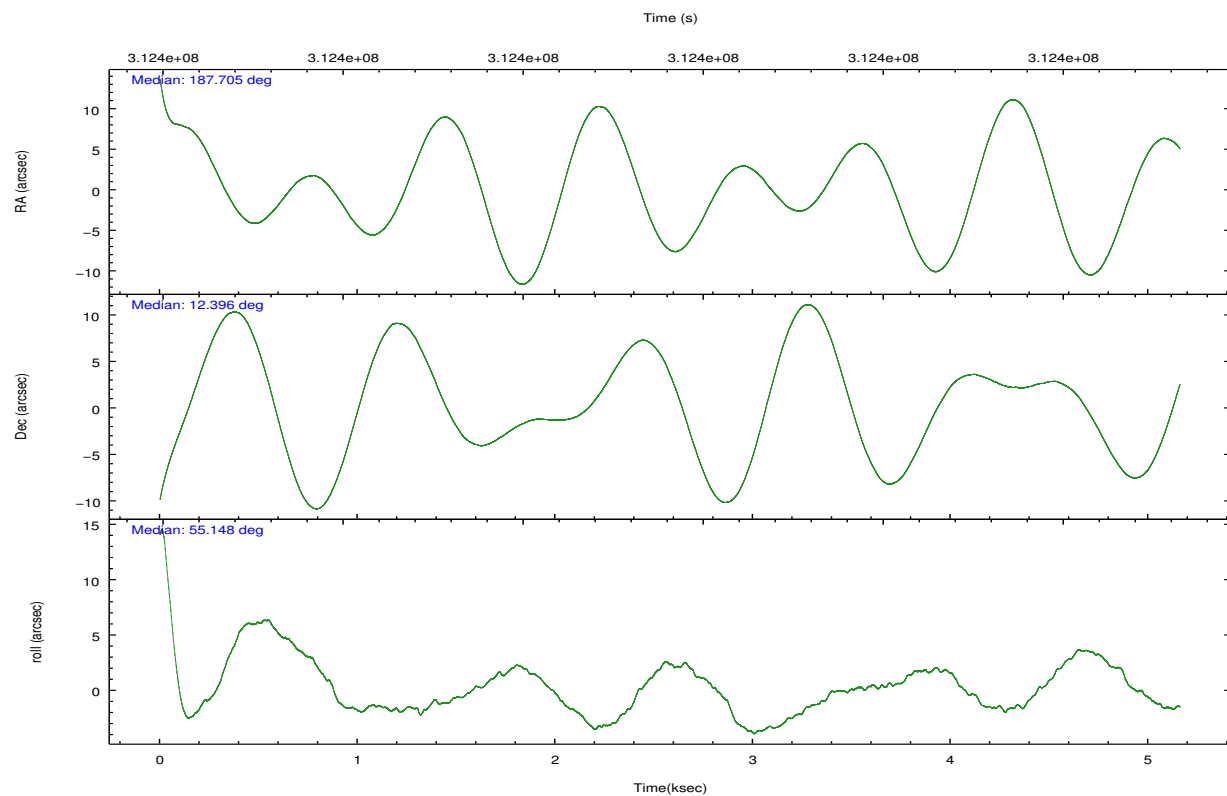
	ccd 7
grade 0 events	17607
	26%
grade 1 events	133
	0%
grade 2 events	15516
	23%
grade 3 events	7231
	10%
grade 4 events	6803
	10%
grade 5 events	1632
	2%
grade 6 events	12445
	18%
grade 7 events	4994
	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	187.702455	187.7045259803283	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.369234	12.3964692169411	Subarray start row	449	449
[deg] Pointing Roll	55.000364	55.15658004888935	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	312398403.184000	312397383.38877			
Observation start date	2007-11-25T17:18:58	2007-11-25T17:03:03			
[s] Observation end time (MET)	312403403.184000	312404007.96409			
Observation end date	2007-11-25T18:42:18	2007-11-25T18:53:27			
Read mode	TIMED	TIMED			

2.3 Aspect



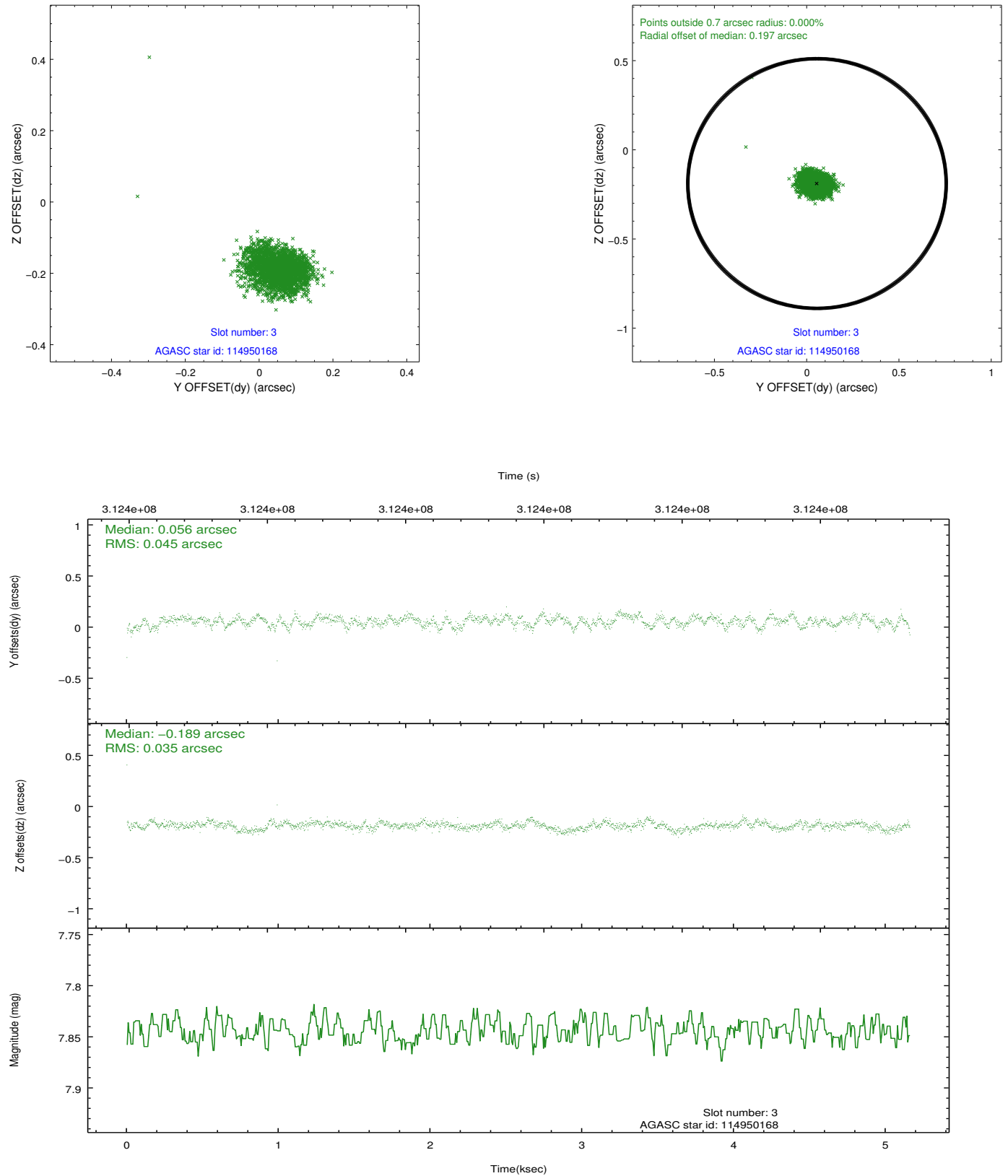


Slot Statistics

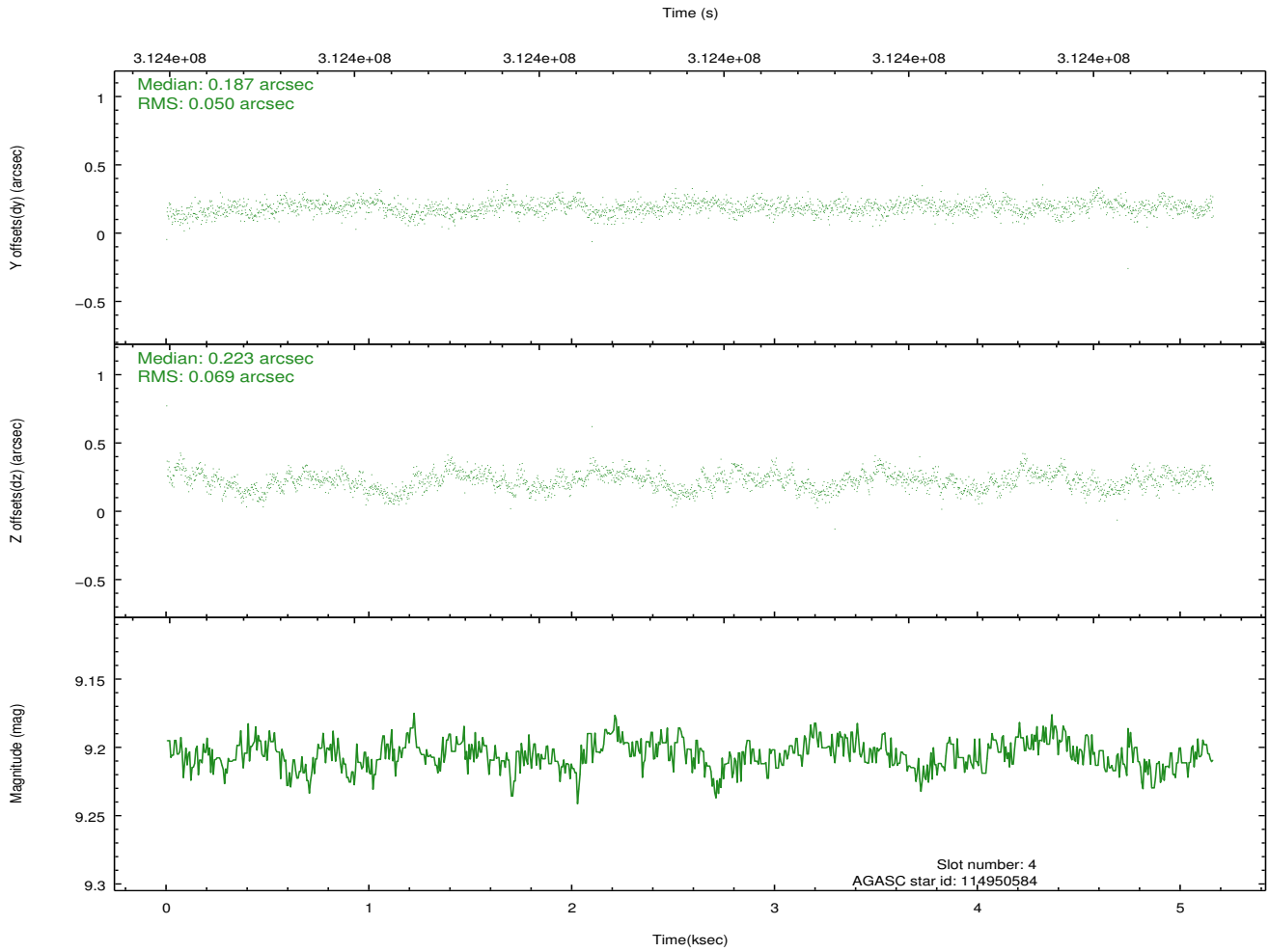
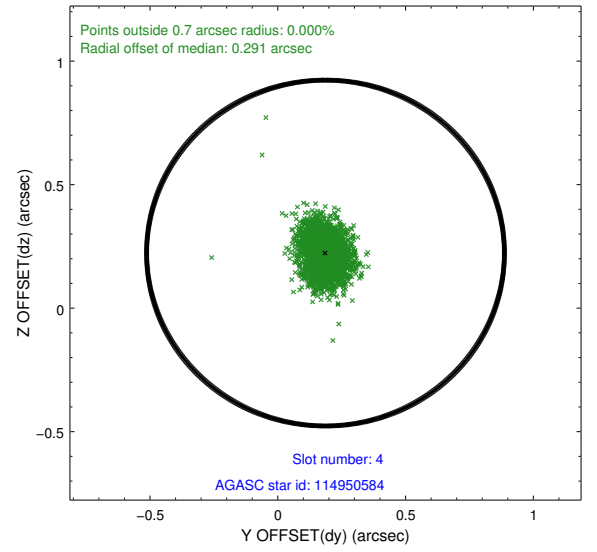
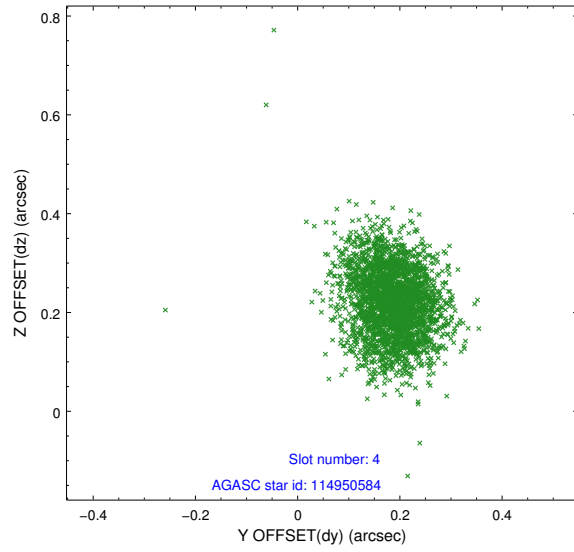
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1259	-0.052	-0.041	0.016	0.025	0.000000	0.000000	-766.53	-1735.67
1	FID	ACIS-S-4	7.19	1259	0.179	0.038	0.007	0.013	0.000000	0.000000	2146.42	171.70
2	FID	ACIS-S-5	7.22	1259	-0.156	0.014	0.015	0.025	0.000000	0.000000	-1817.99	166.66
3	GUIDE	114950168	7.84	2517	0.056	-0.189	0.058	0.093	187.143398	12.117441	-1869.63	1093.34
4	GUIDE	114950584	9.20	2517	0.187	0.223	0.089	0.144	187.487323	11.827248	-2033.42	-496.74
5	GUIDE	114952824	8.55	2517	-0.179	-0.188	0.064	0.103	187.703904	12.486727	348.27	239.05
6	GUIDE	114954440	9.17	2515	0.094	-0.282	0.087	0.141	186.915066	12.219118	-2028.11	1961.35
7	GUIDE	114955056	8.34	2516	-0.157	0.444	0.070	0.117	187.914001	12.127854	-285.26	-1106.17

2.4 Star Slots

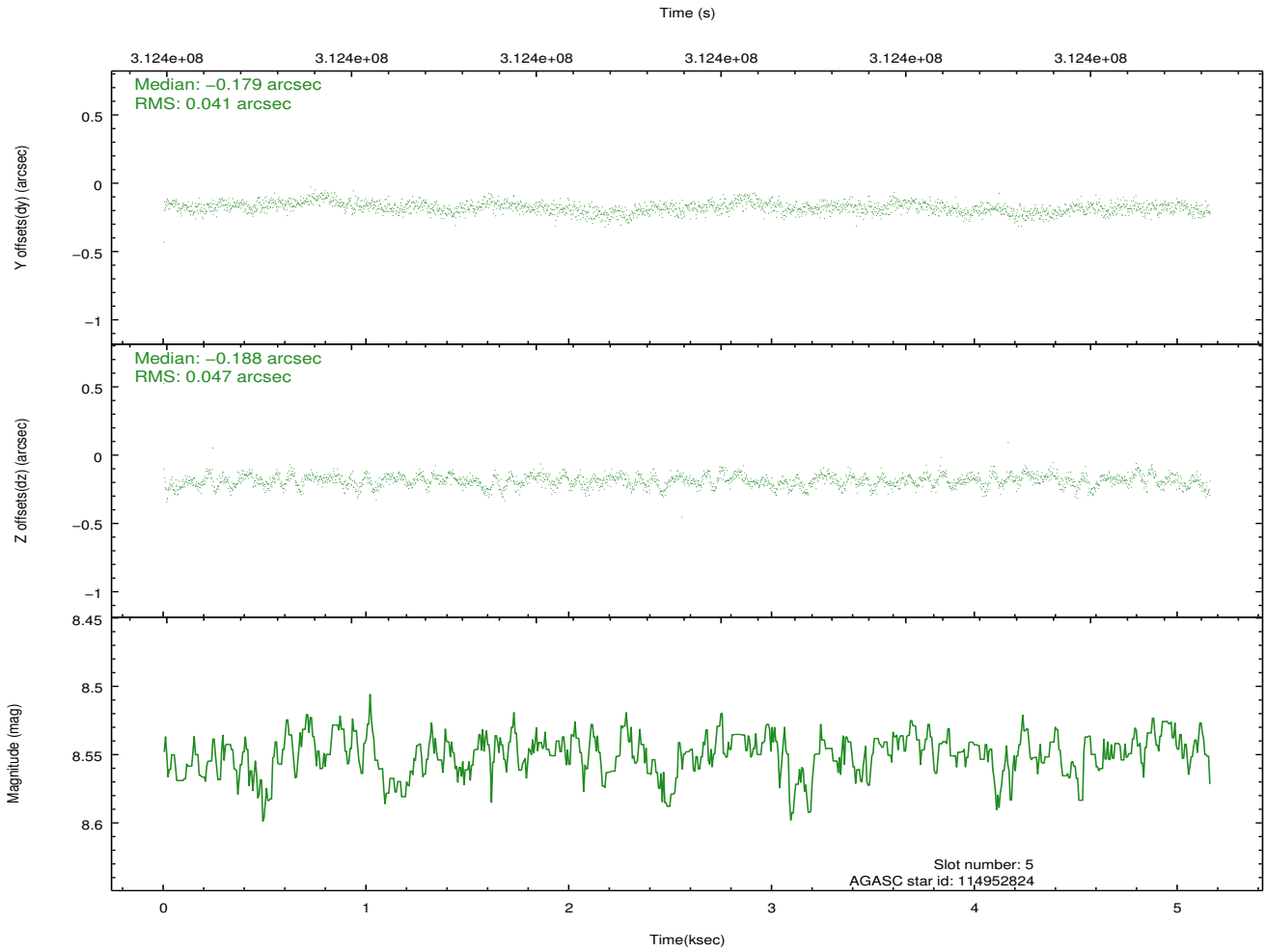
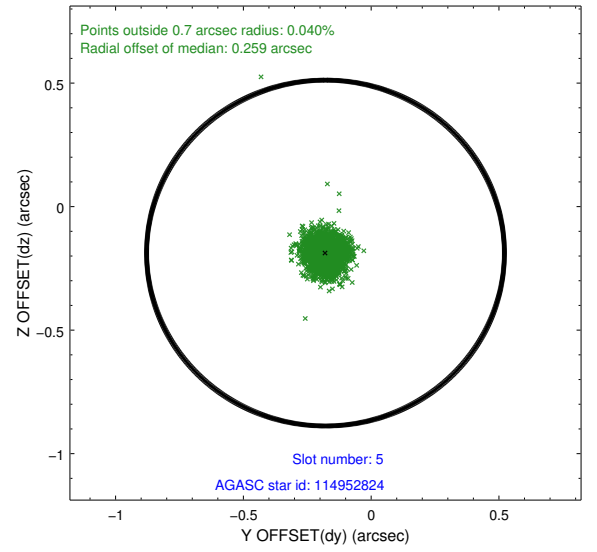
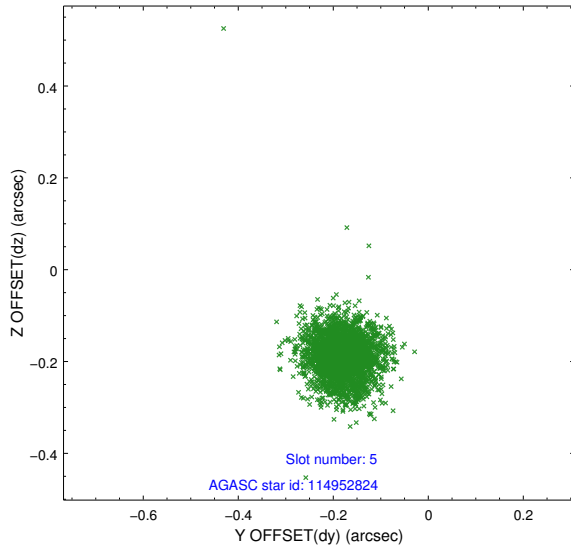
2.4.1 Slot 3



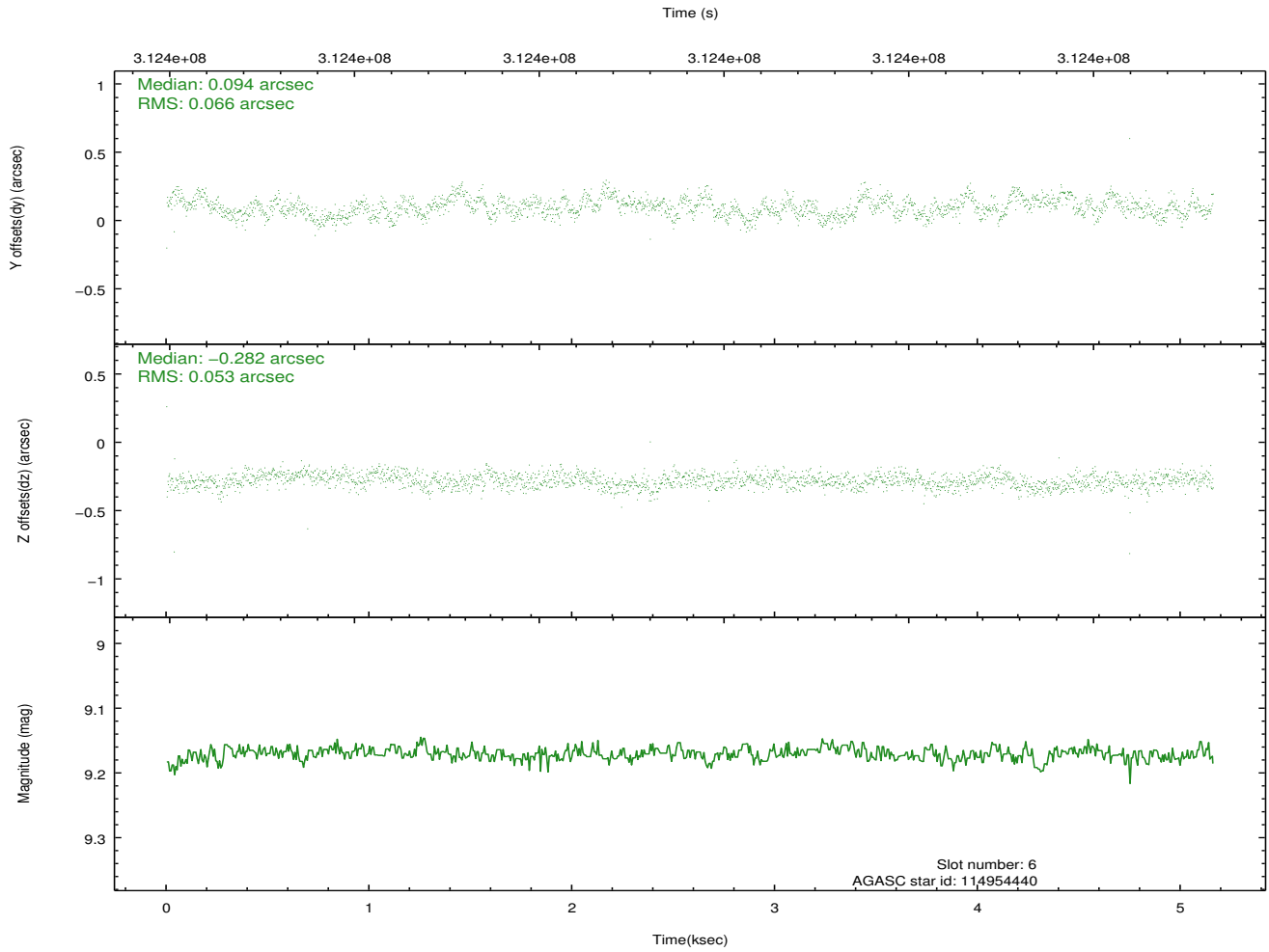
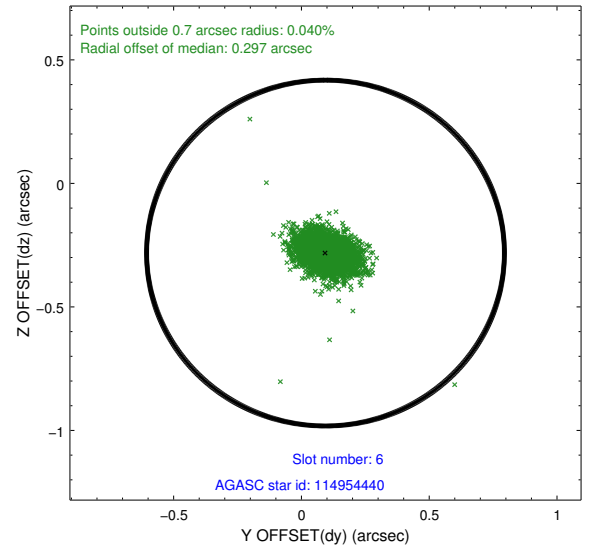
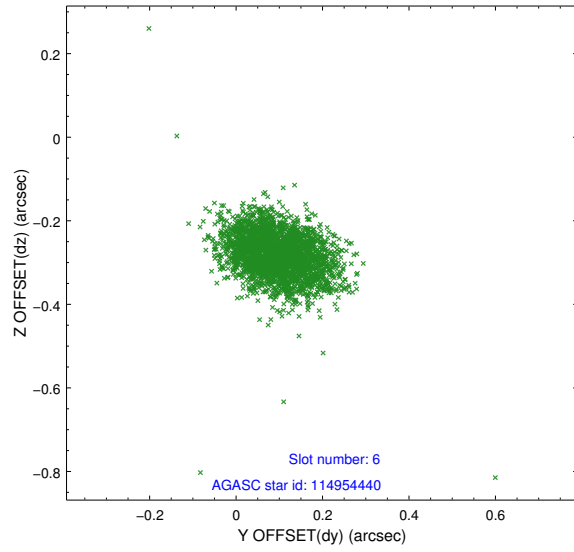
2.4.2 Slot 4



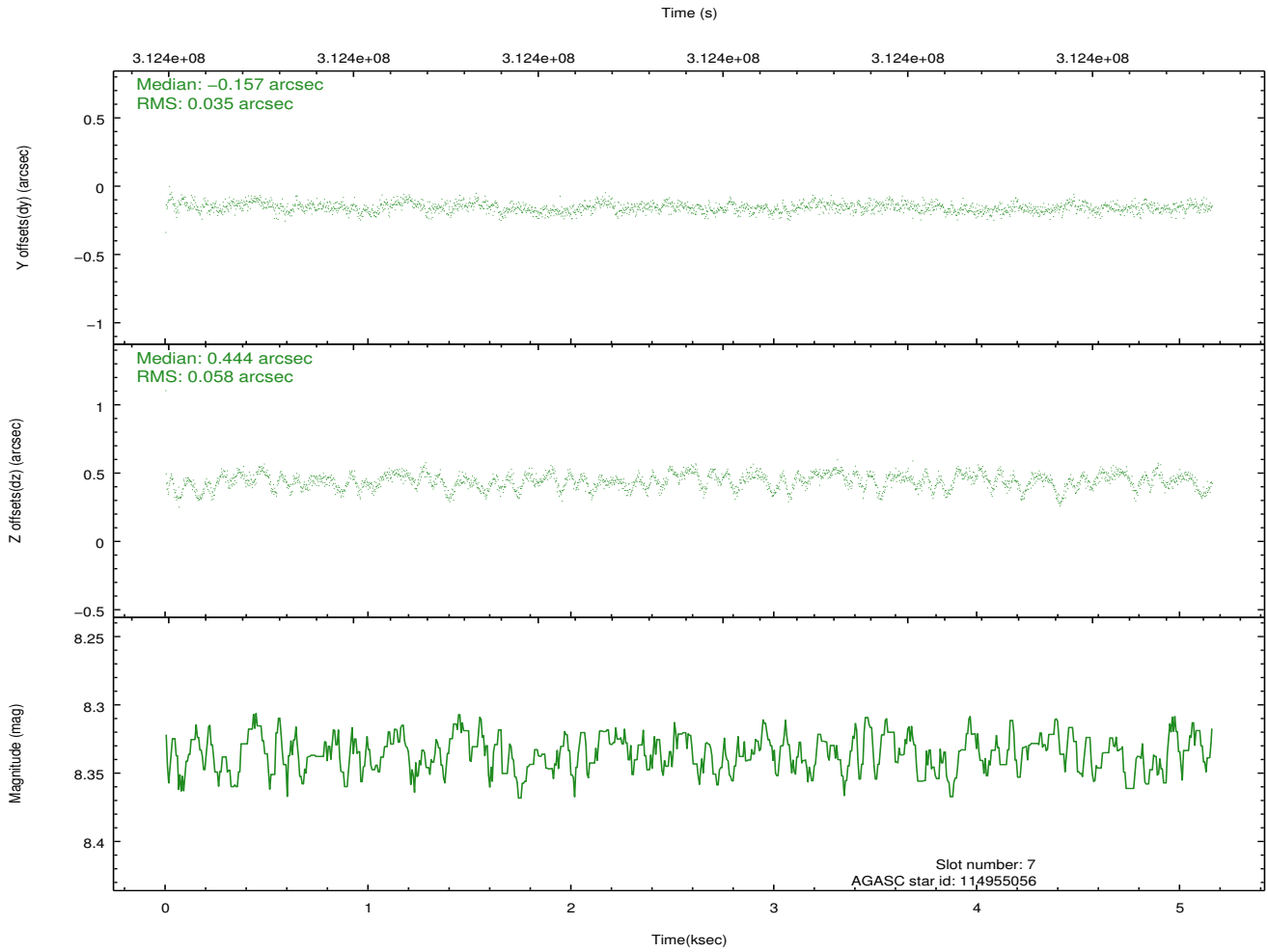
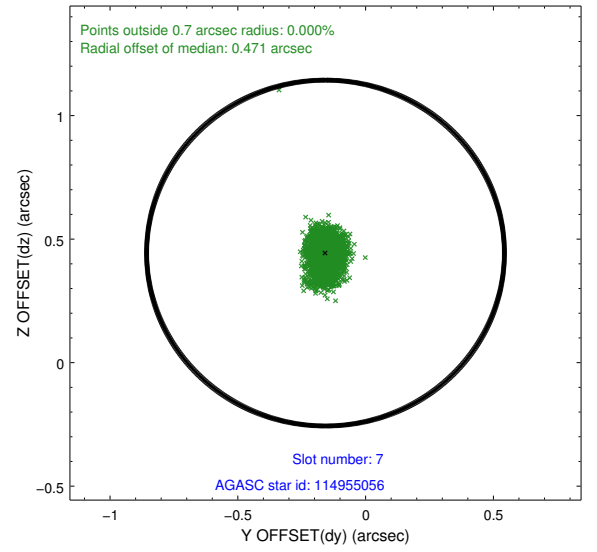
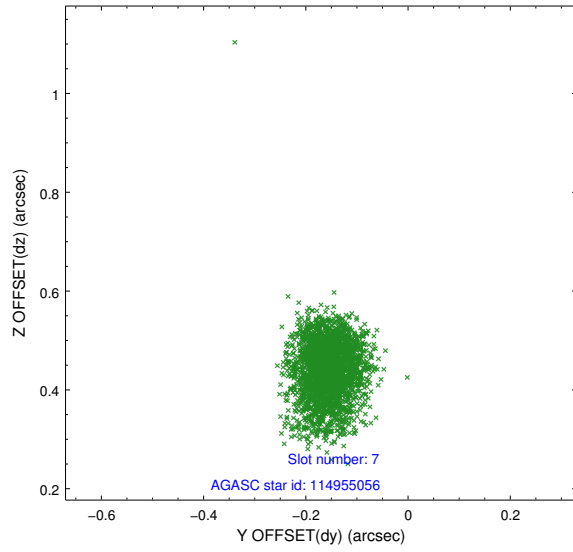
2.4.3 Slot 5



2.4.4 Slot 6

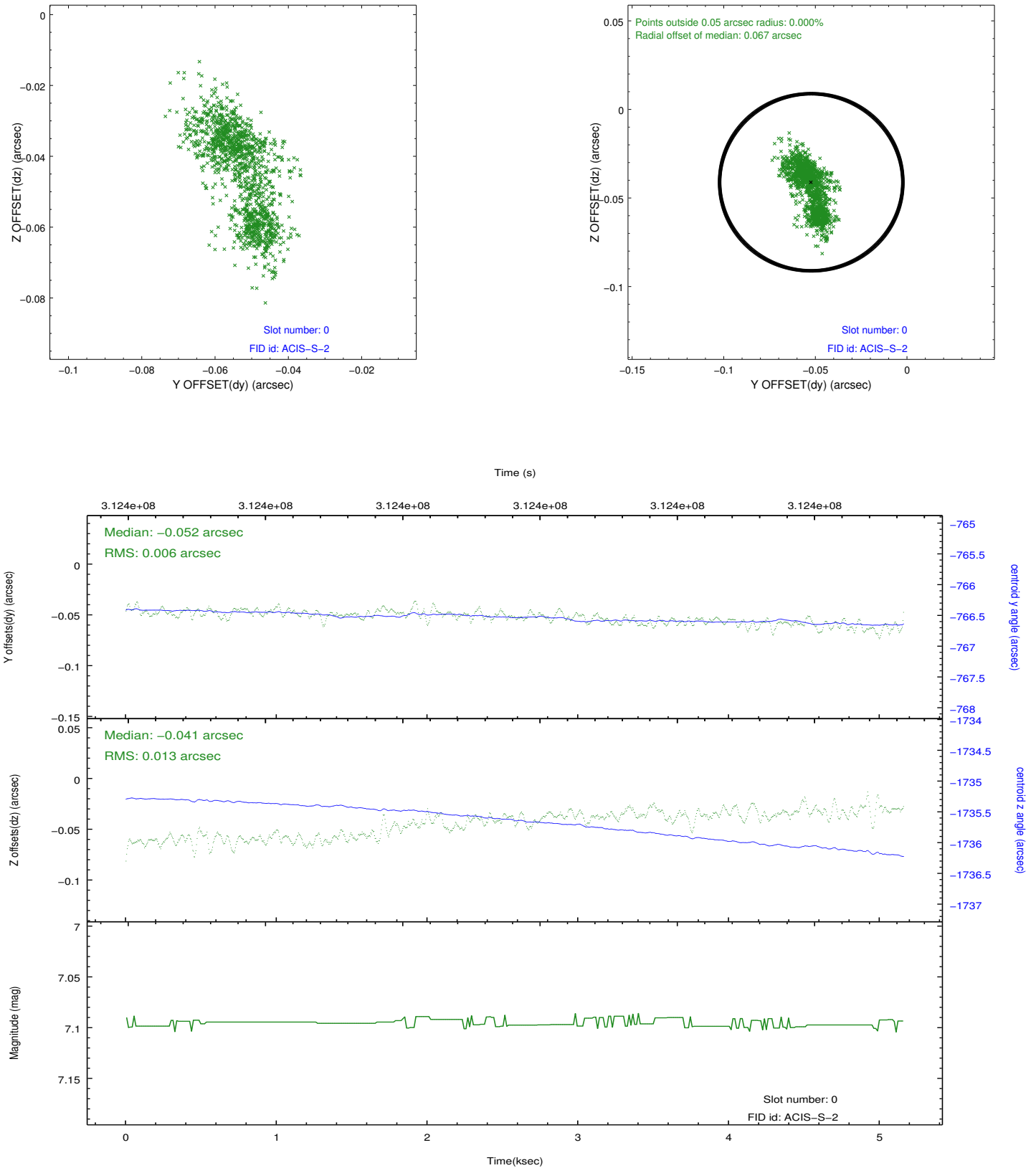


2.4.5 Slot 7

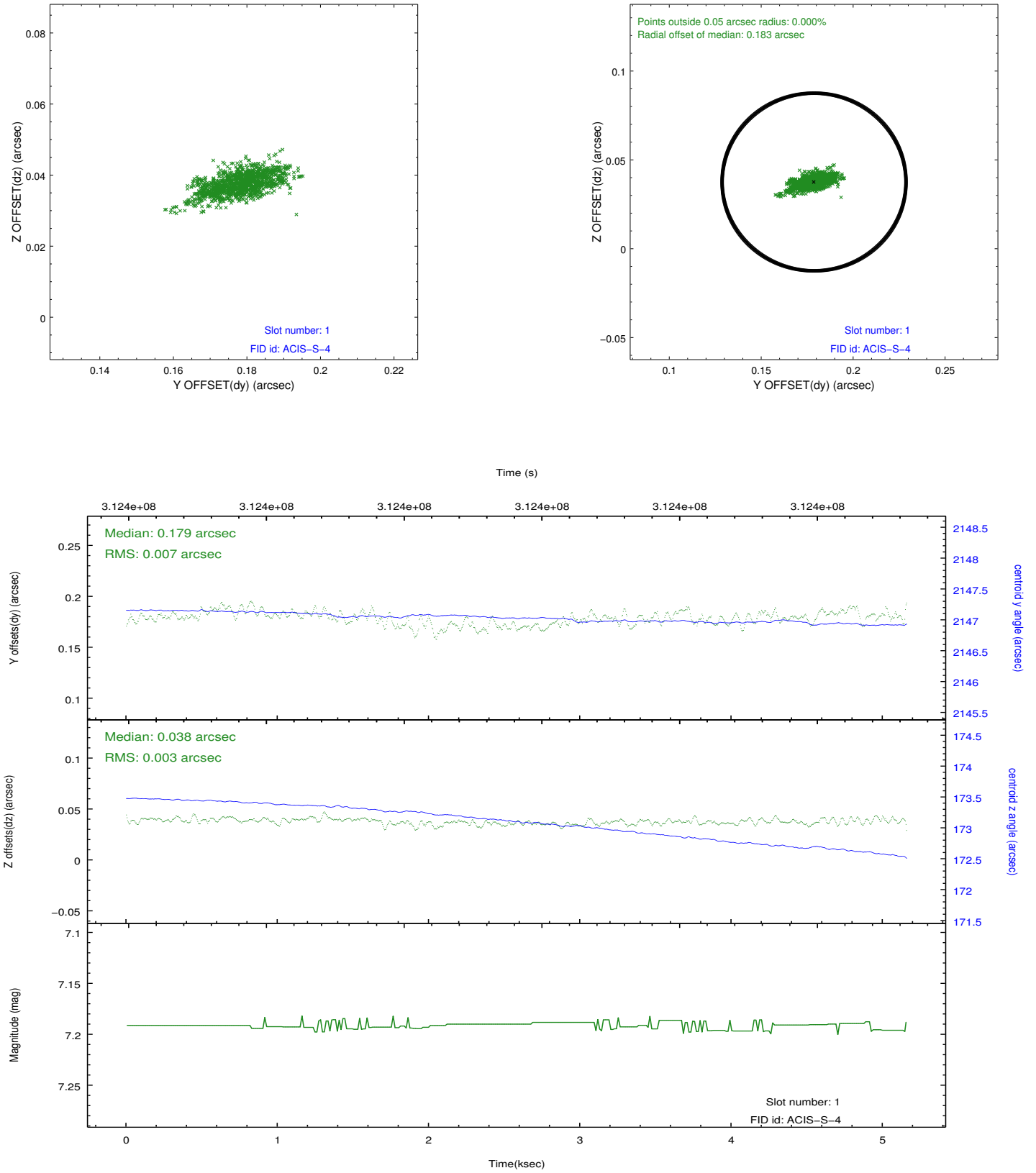


2.5 FID Slots

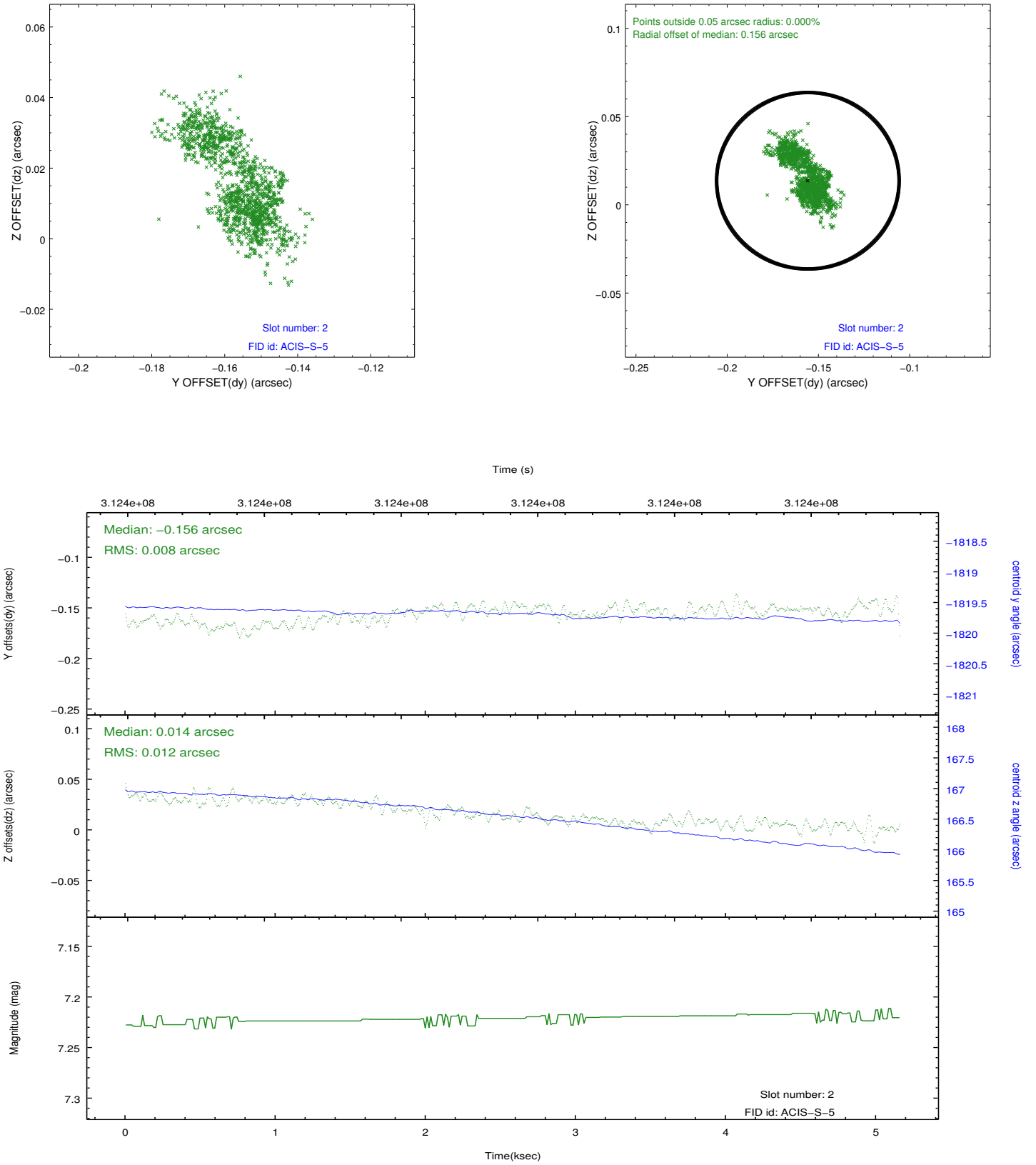
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.15919969

A.2 Comments

Joint observation CXO-HST.