

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 4535 - L2 Version 3
Chandra X-Ray Center

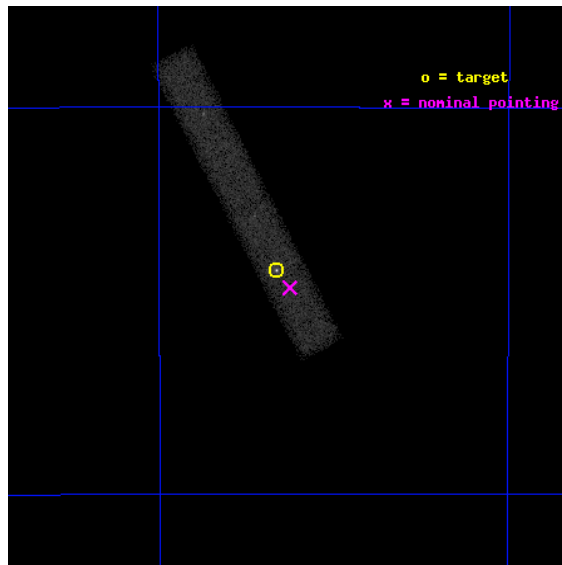
L2 Processing Date : Dec 16 2012

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1 Front

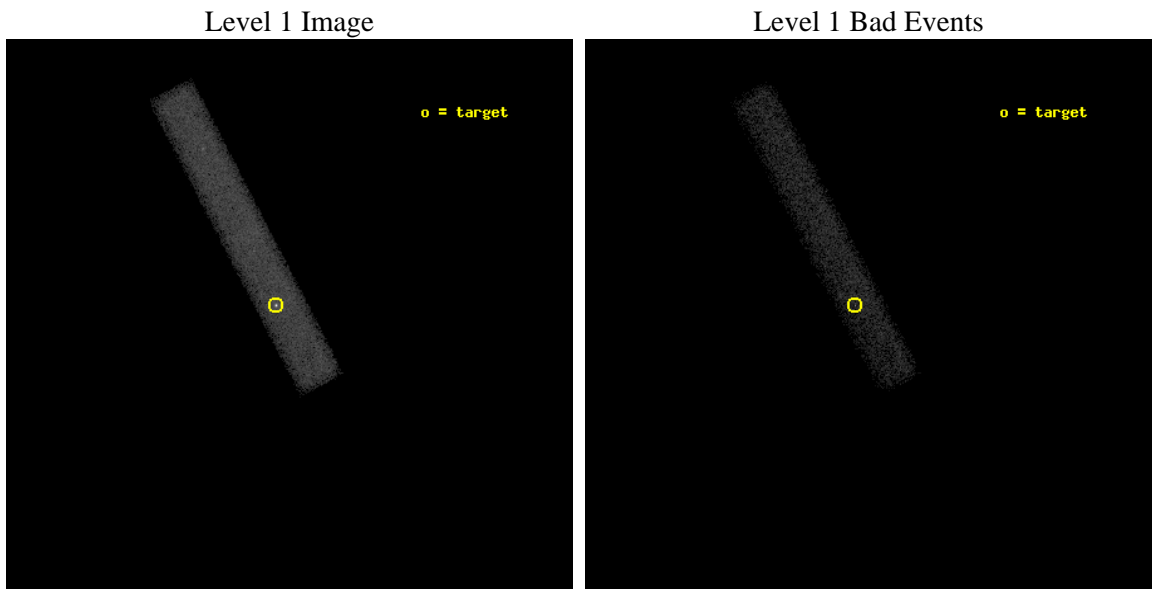
seq_num	300129	Sequence number
obs_id	4535	Observation id
title	Understanding the nature of supersoft X-ray sources	Proposal title
observer	Dr. Jochen Greiner	Principal investigator
object	1E 0035.4-7230	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	9.3325	Observer's specified target RA [deg]
dec_targ	-72.236944	Observer's specified target Dec [deg]
ra_nom	9.3131259751467	Nominal RA [deg]
dec_nom	-72.244600194657	Nominal Dec [deg]
roll_nom	242.43859135017	Nominal Roll [deg]
revision	3	Processing version of data
ontime	40135.600598037	Sum of GTIs [s]
livetime	36400.871211715	Livetime [s]
ontime7	40135.600598037	Sum of GTIs [s]
l2events	30604	Number of level 2 events



2 OBI

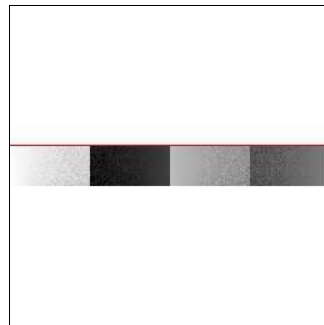
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	40000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	40135.600598037	Sum of GTIs [s]
caldbver	4.5.5	 	ontime7	40135.600598037	Sum of GTIs [s]
date	2012-12-16T13:49:53	Date and time of file creation	l1events	62077	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

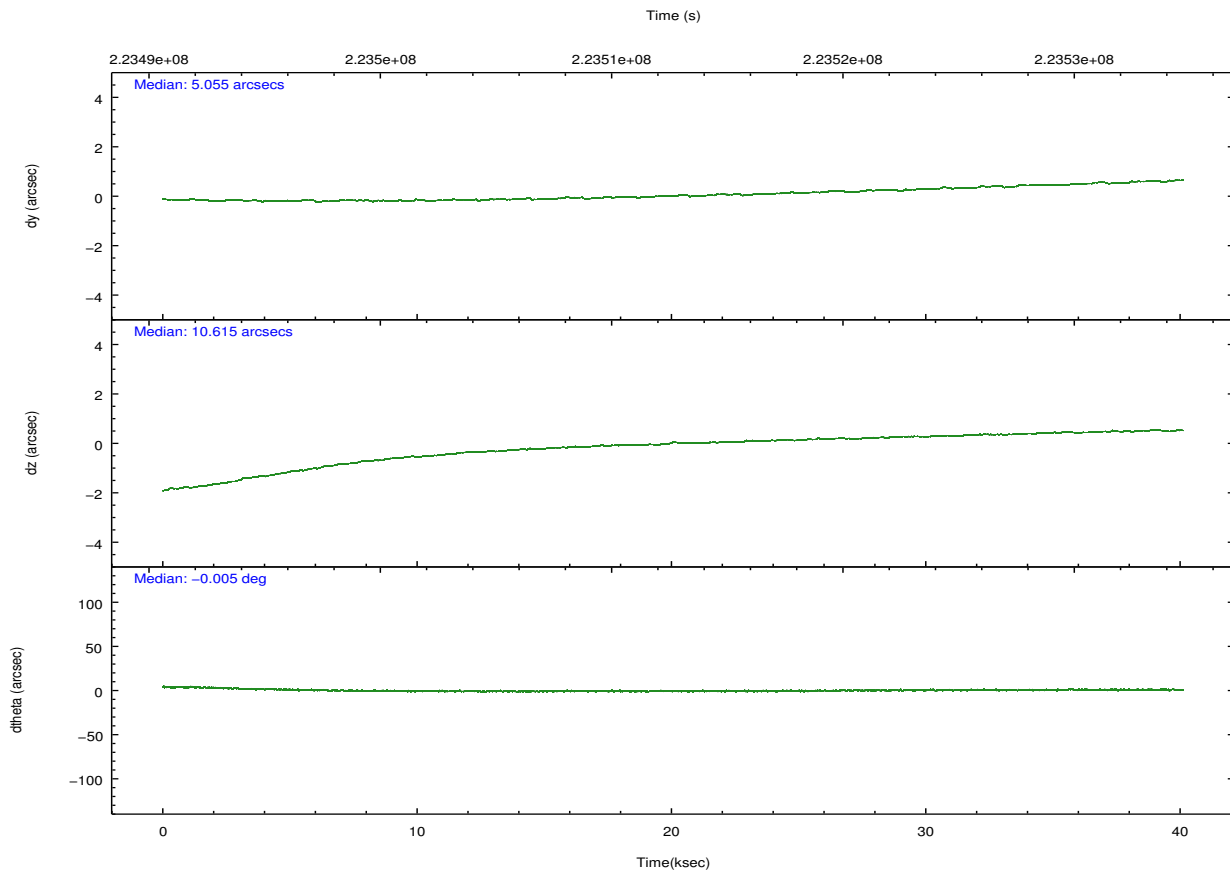
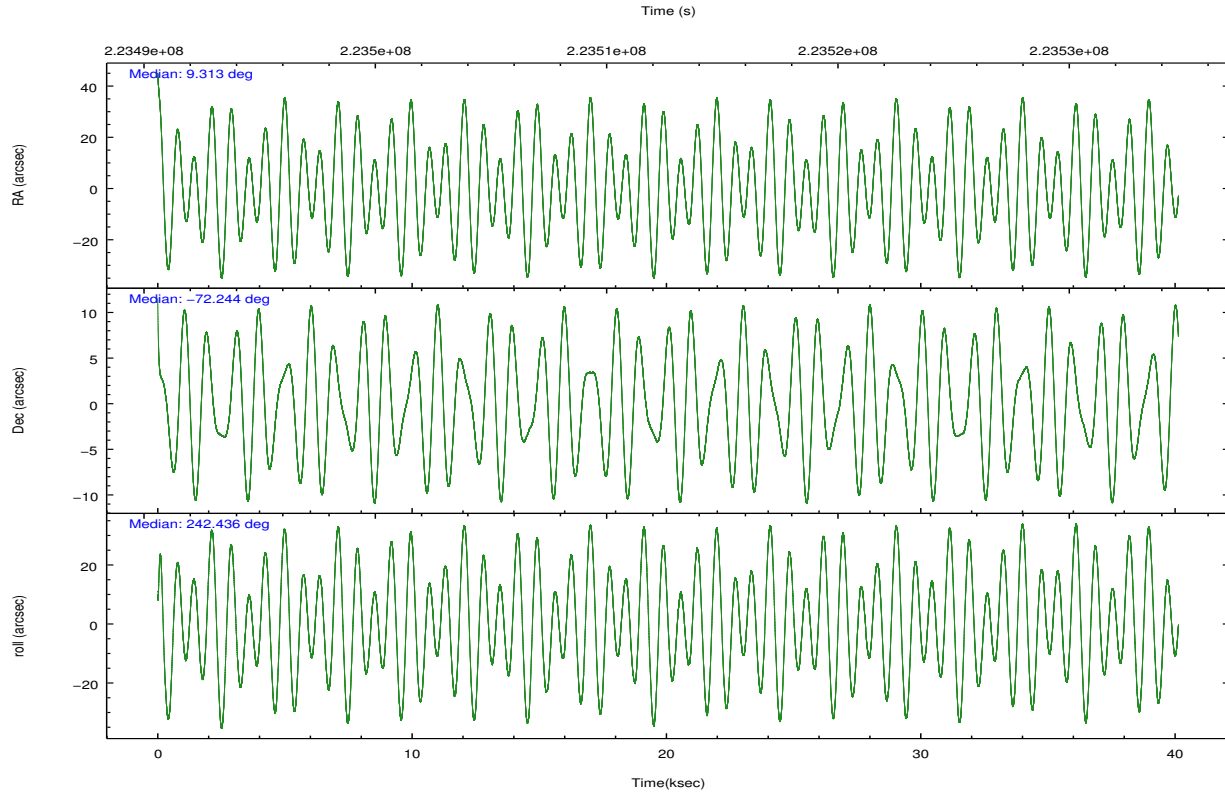
	ccd 7
level 1 events	62077
rejected events	30531
rejected %	49%

	ccd 7
grade 0 events	7933
	12%
grade 1 events	114
	0%
grade 2 events	5701
	9%
grade 3 events	3616
	5%
grade 4 events	3533
	5%
grade 5 events	5182
	8%
grade 6 events	11564
	18%
grade 7 events	24434
	39%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	9.308129	9.313125975146718	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-72.217419	-72.24460019465741	Subarray start row	449	449
[deg] Pointing Roll	242.277212	242.4385913501717	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)	223492724.184000	223491441.2153			
Observation start date	2005-01-30T17:17:40	2005-01-30T16:57:21			
[s] Observation end time (MET)	223532724.184000	223533644.05471			
Observation end date	2005-01-31T04:24:20	2005-01-31T04:40:44			
Read mode	TIMED	TIMED			

2.3 Aspect

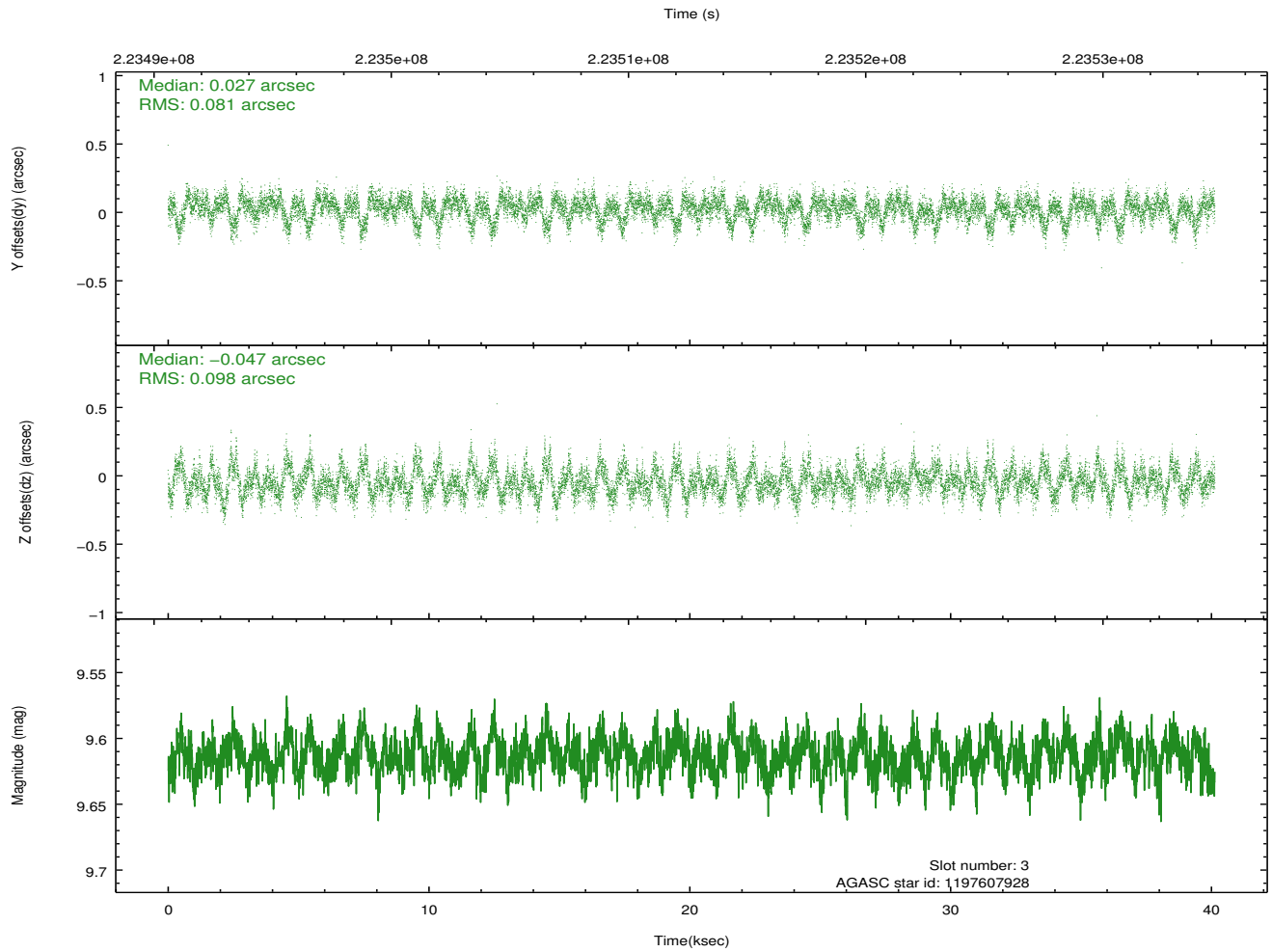
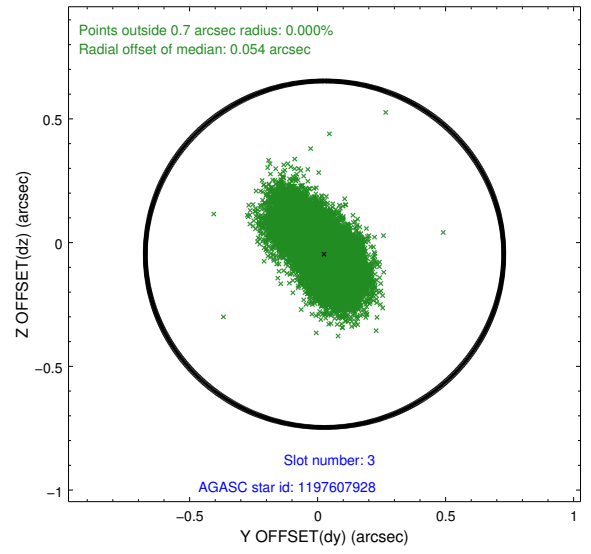
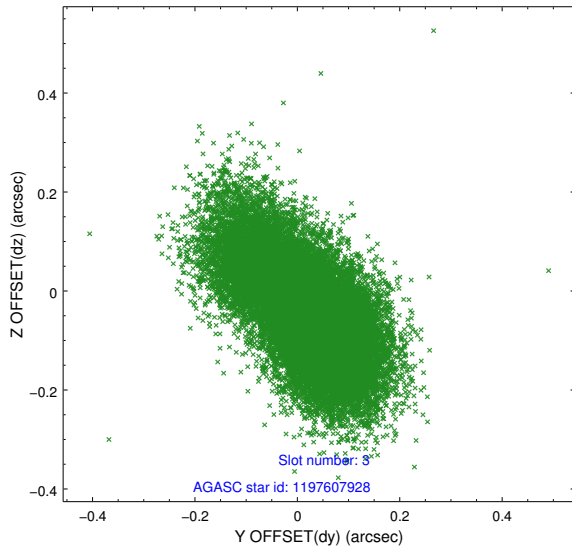


Slot Statistics

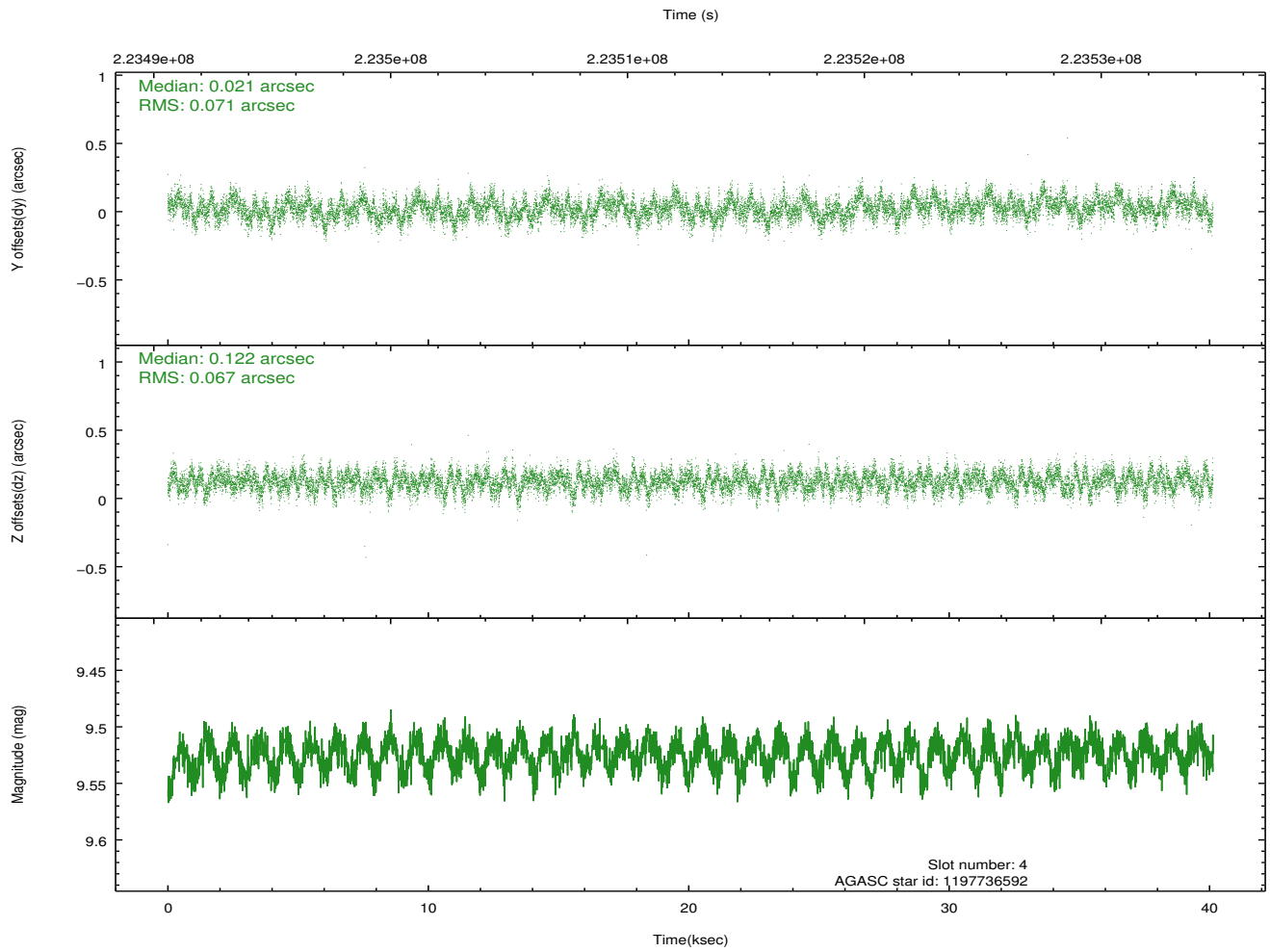
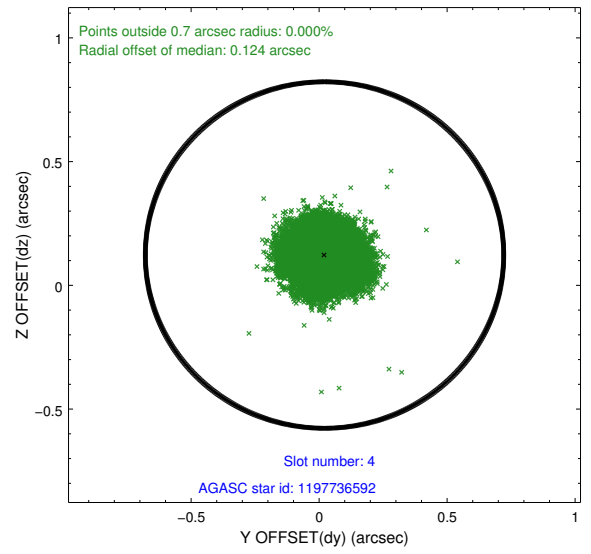
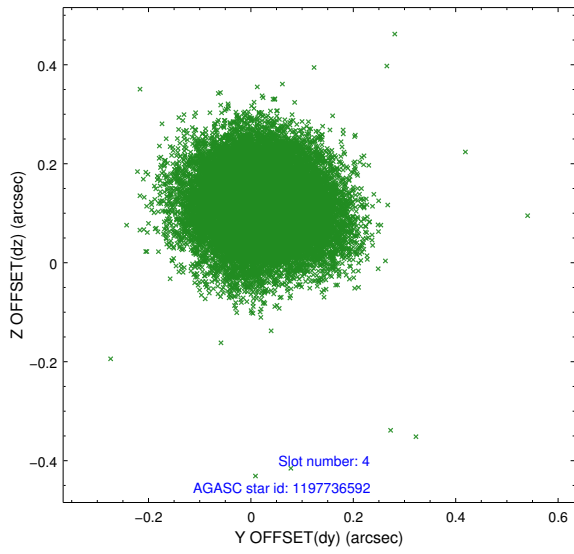
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9790	-0.071	-0.038	0.020	0.028	0.000000	0.000000	-757.88	-1731.71
1	FID	ACIS-S-4	7.21	9790	0.134	0.045	0.031	0.044	0.000000	0.000000	2155.55	176.88
2	FID	ACIS-S-5	7.23	9788	-0.092	-0.000	0.025	0.034	0.000000	0.000000	-1810.75	170.47
3	GUIDE	1197607928	9.61	19548	0.027	-0.047	0.131	0.232	7.837743	-72.165759	607.44	-1511.94
4	GUIDE	1197736592	9.52	19561	0.021	0.122	0.105	0.167	9.930334	-71.623113	-2218.64	-368.33
5	GUIDE	1197739496	9.79	19568	0.101	-0.042	0.136	0.220	8.930155	-71.541204	-1952.98	-1513.04
6	GUIDE	1198135560	9.45	19564	0.029	-0.034	0.099	0.161	8.700395	-72.843436	2298.34	478.94
7	GUIDE	1198150512	8.39	19574	-0.165	-0.002	0.055	0.090	9.044301	-72.846944	2137.40	806.96

2.4 Star Slots

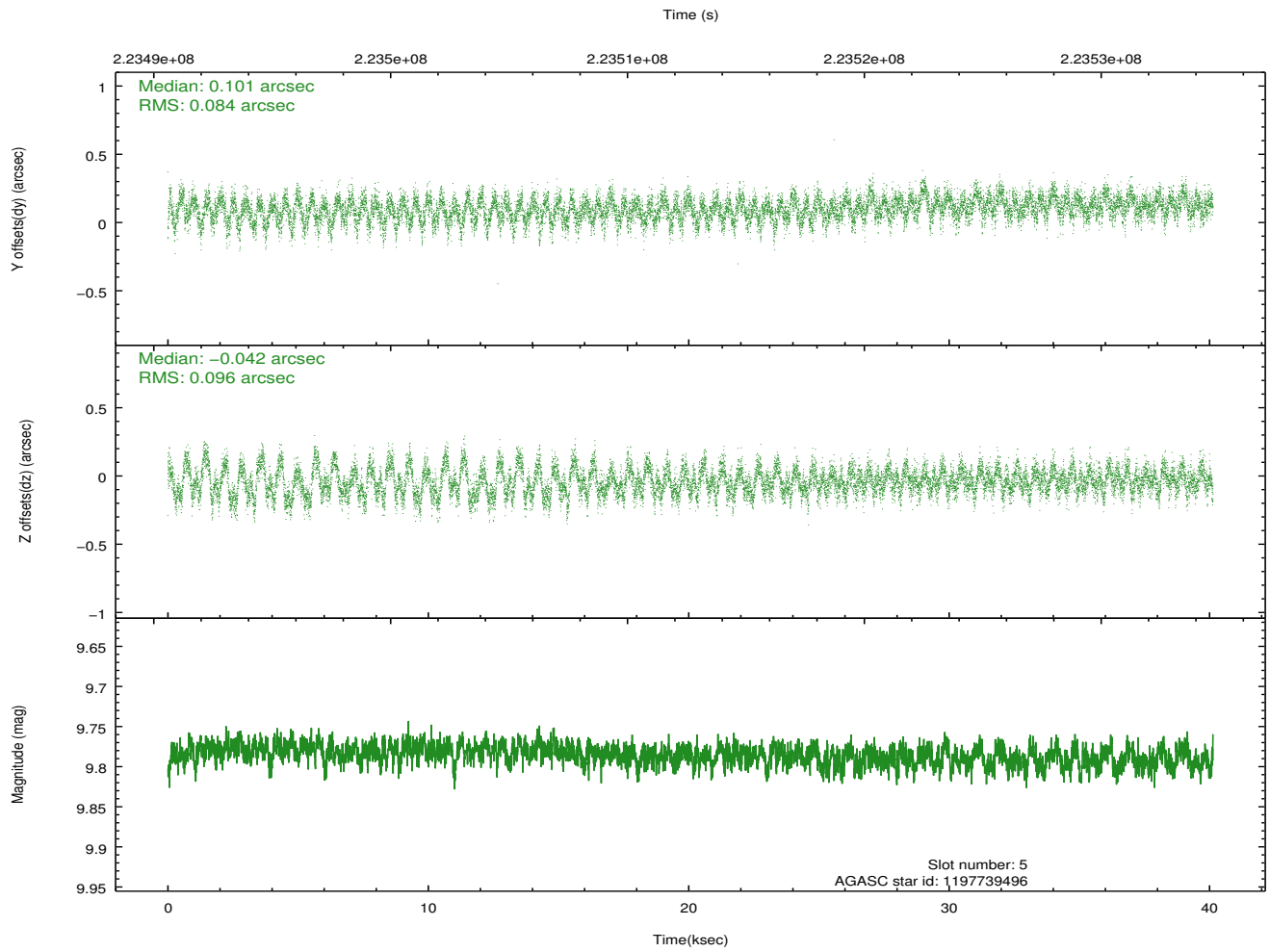
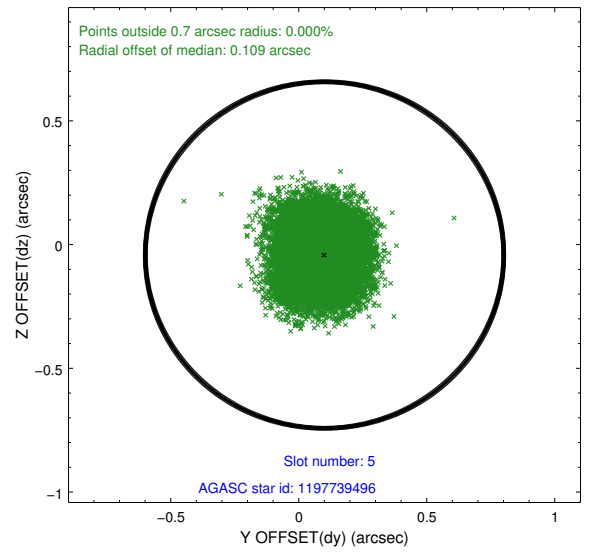
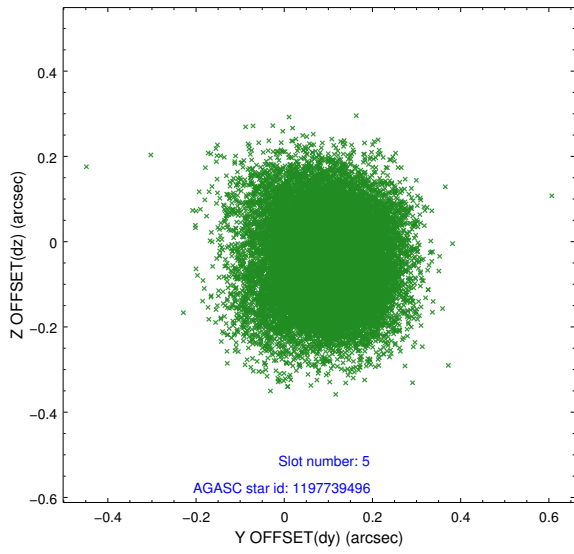
2.4.1 Slot 3



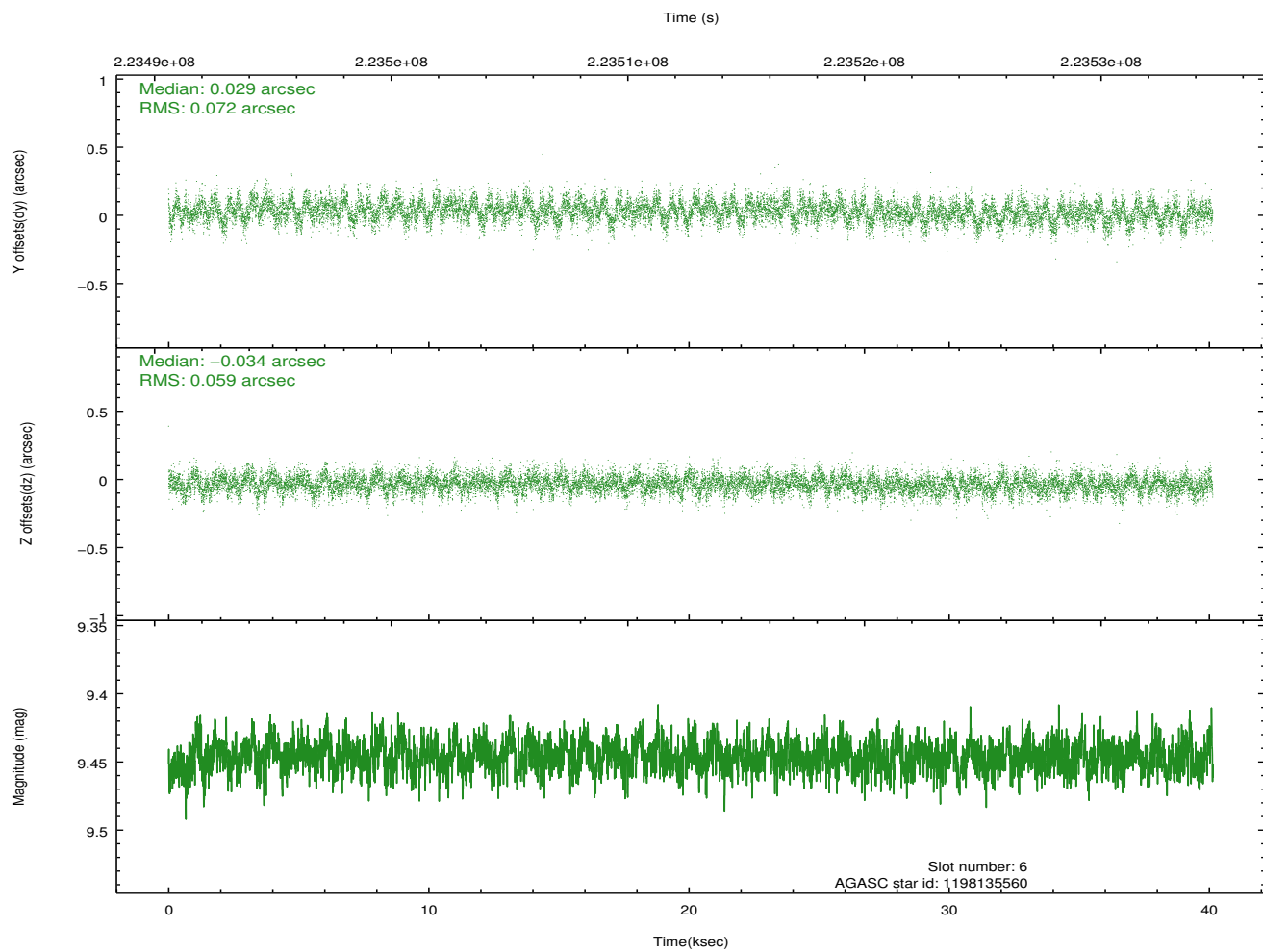
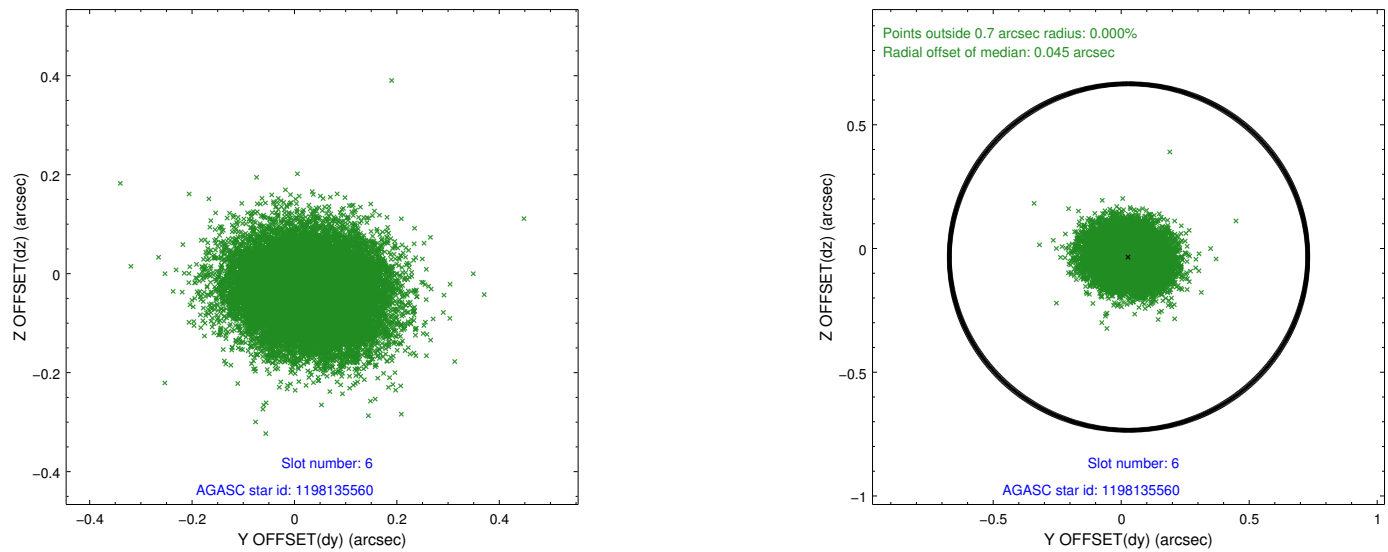
2.4.2 Slot 4



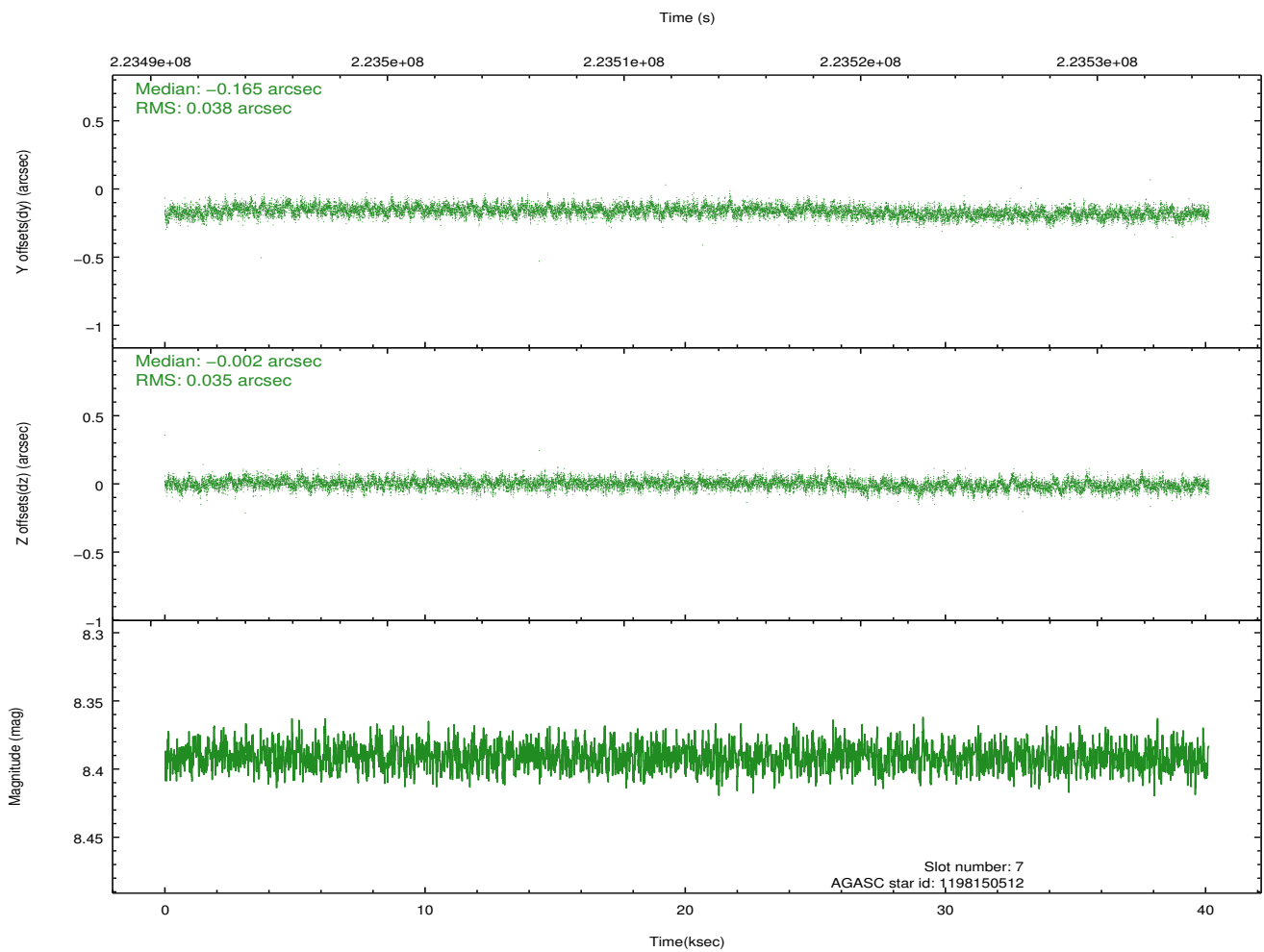
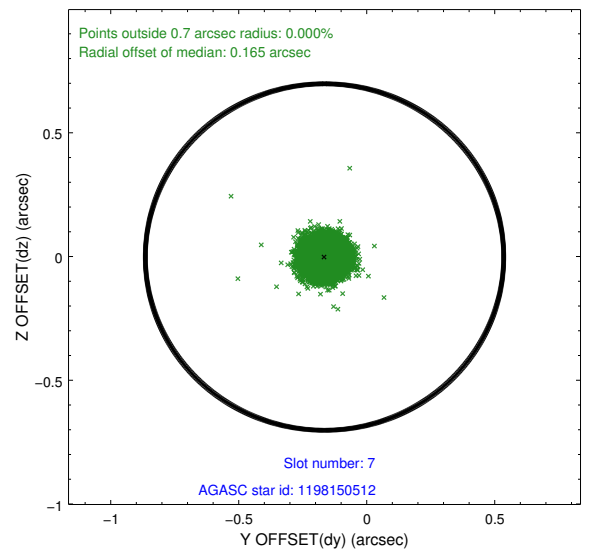
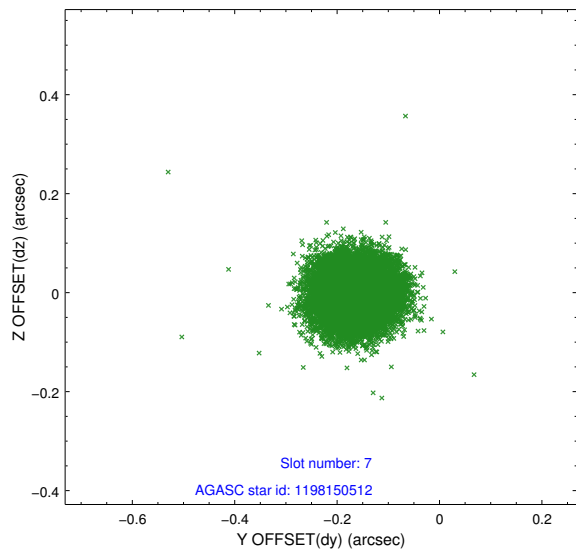
2.4.3 Slot 5



2.4.4 Slot 6

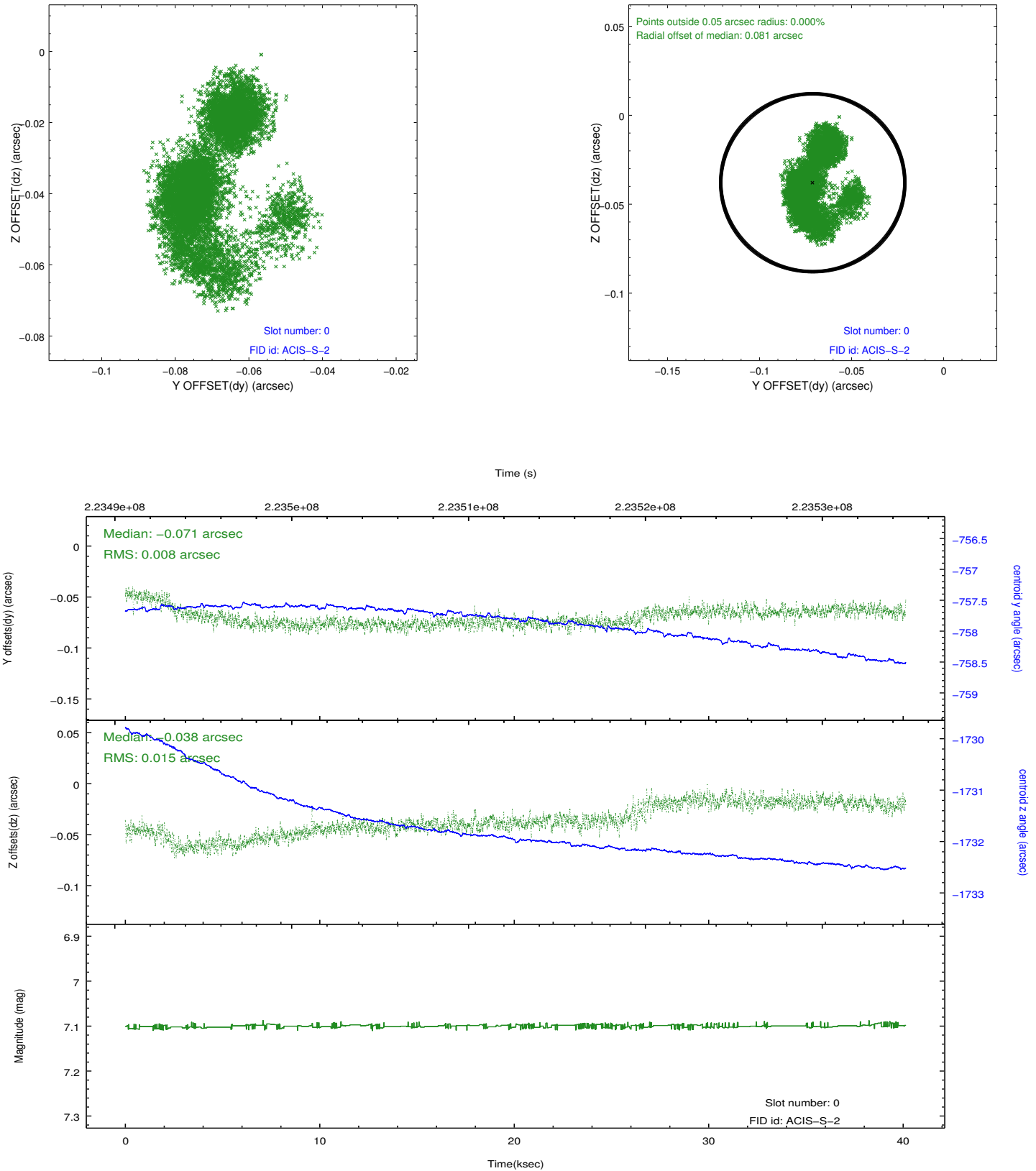


2.4.5 Slot 7

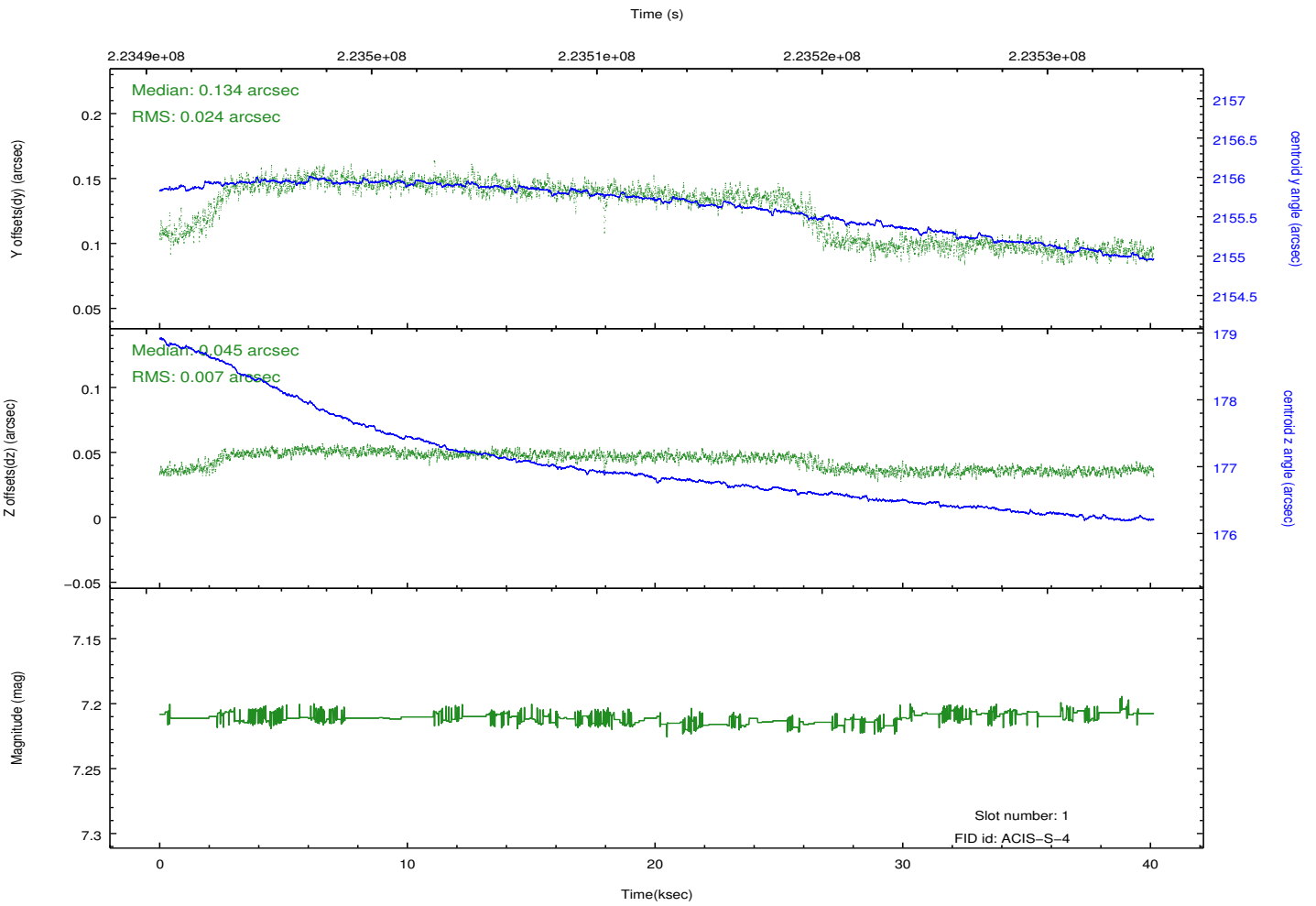
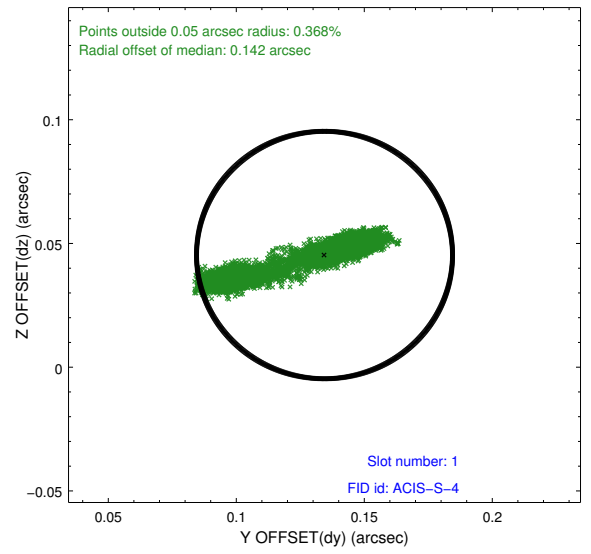
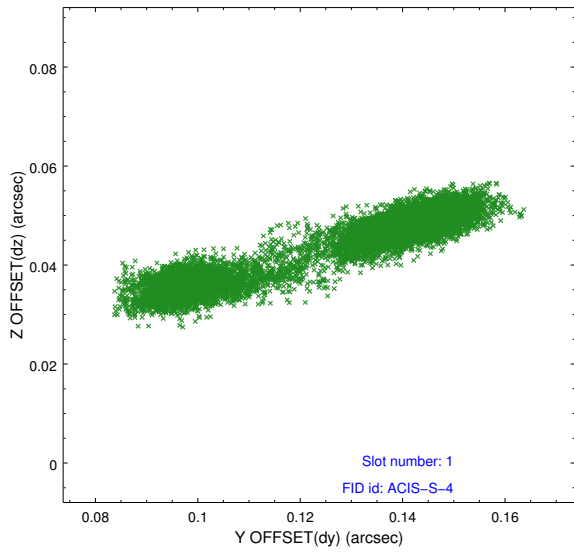


2.5 FID Slots

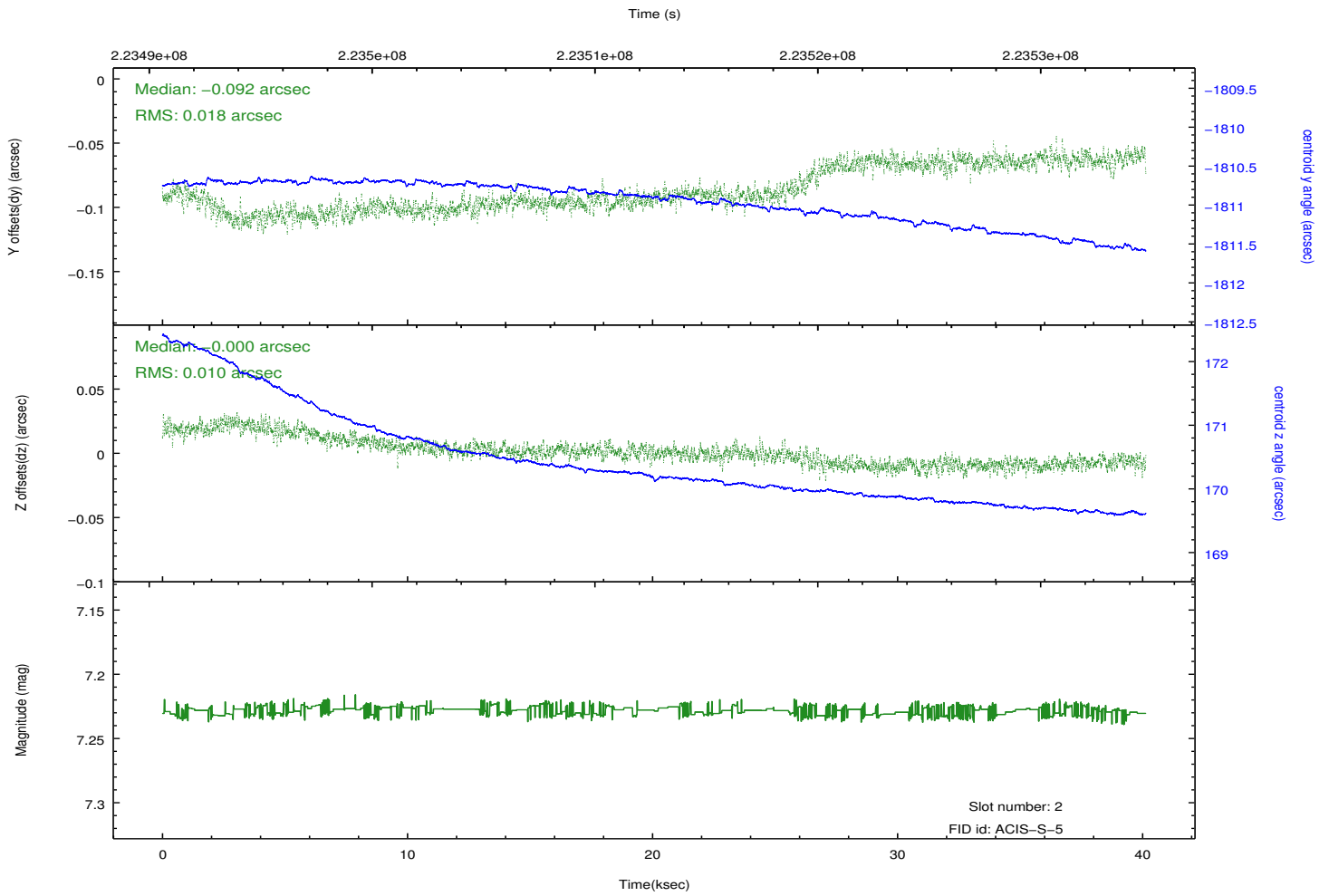
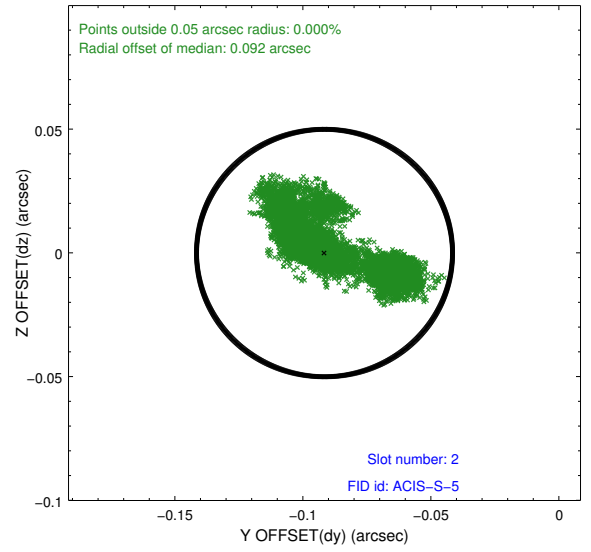
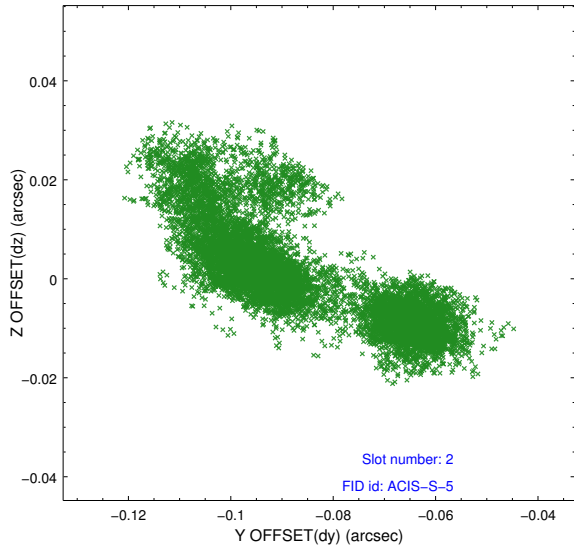
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.1356

A.2 Comments