

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11290 - L2 Version 2
Chandra X-Ray Center

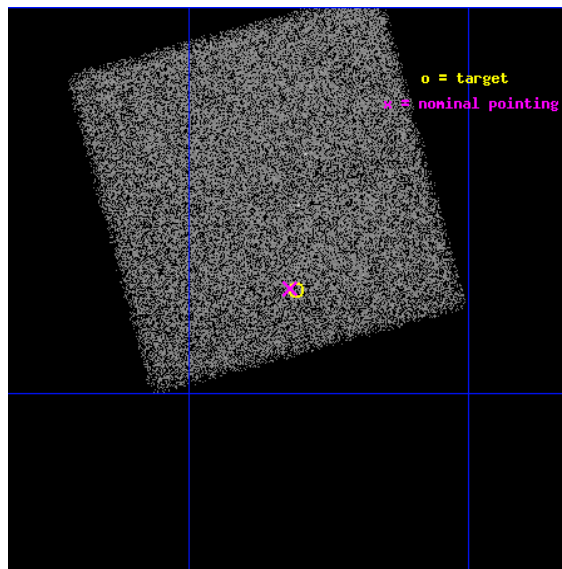
L2 Processing Date : Jun 30 2012

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1 Front

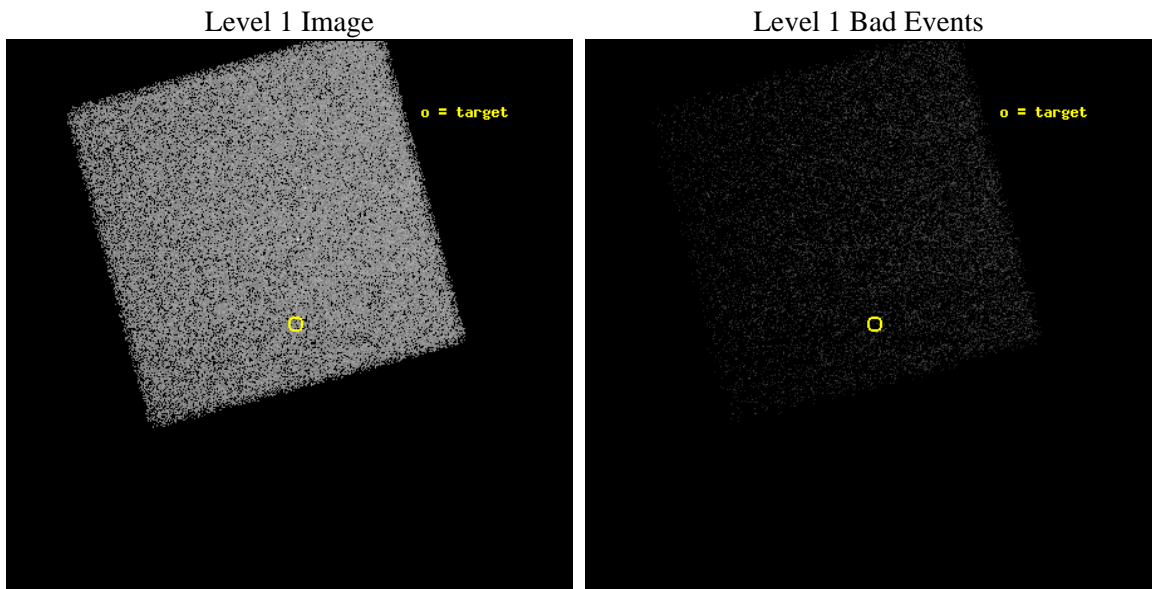
seq_num	600809	Sequence number
obs_id	11290	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	[RC2] A1228+12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.702083	Observer's specified target RA [deg]
dec_targ	12.045028	Observer's specified target Dec [deg]
ra_nom	187.70481498908	Nominal RA [deg]
dec_nom	12.045188451337	Nominal Dec [deg]
roll_nom	254.63107344701	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12201.0	Sum of GTIs [s]
liveltime	12036.342830084	Livetime [s]
ontime7	12201.0	Sum of GTIs [s]
l2events	72127	Number of level 2 events



2 OBI

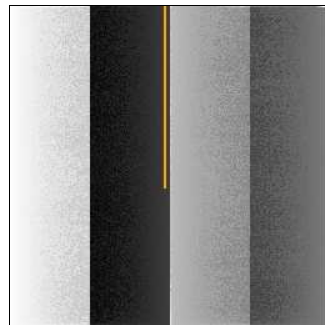
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	12124.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12201.0	Sum of GTIs [s]
caldbver	4.5.0	 	ontime7	12201.0	Sum of GTIs [s]
date	2012-06-30T14:08:49	Date and time of file creation	l1events	133129	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

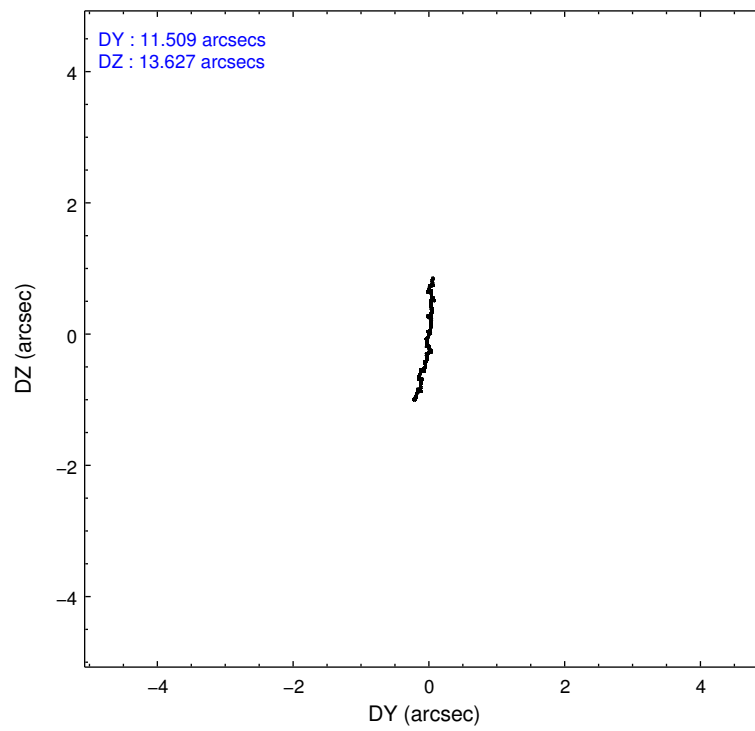
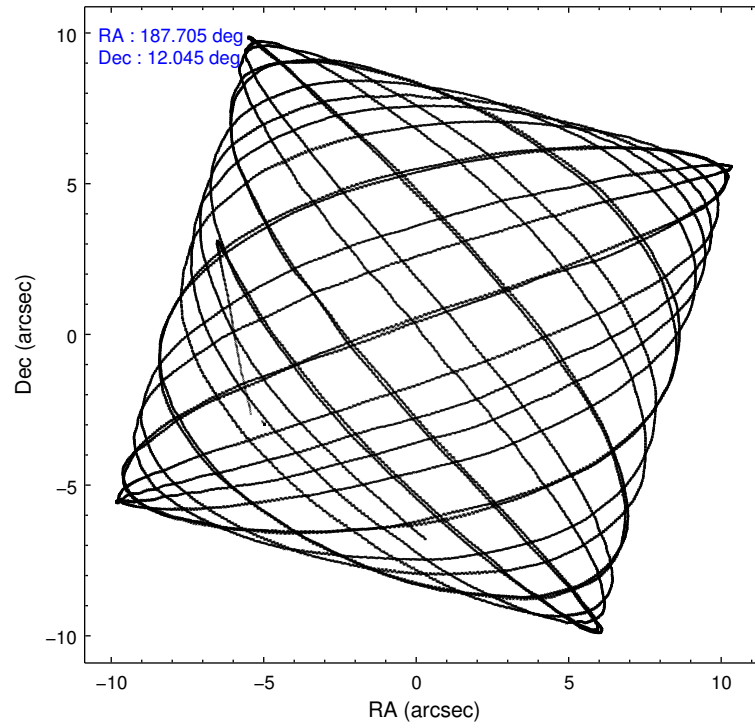
	ccd 7
level 1 events	133129
rejected events	59445
rejected %	44%

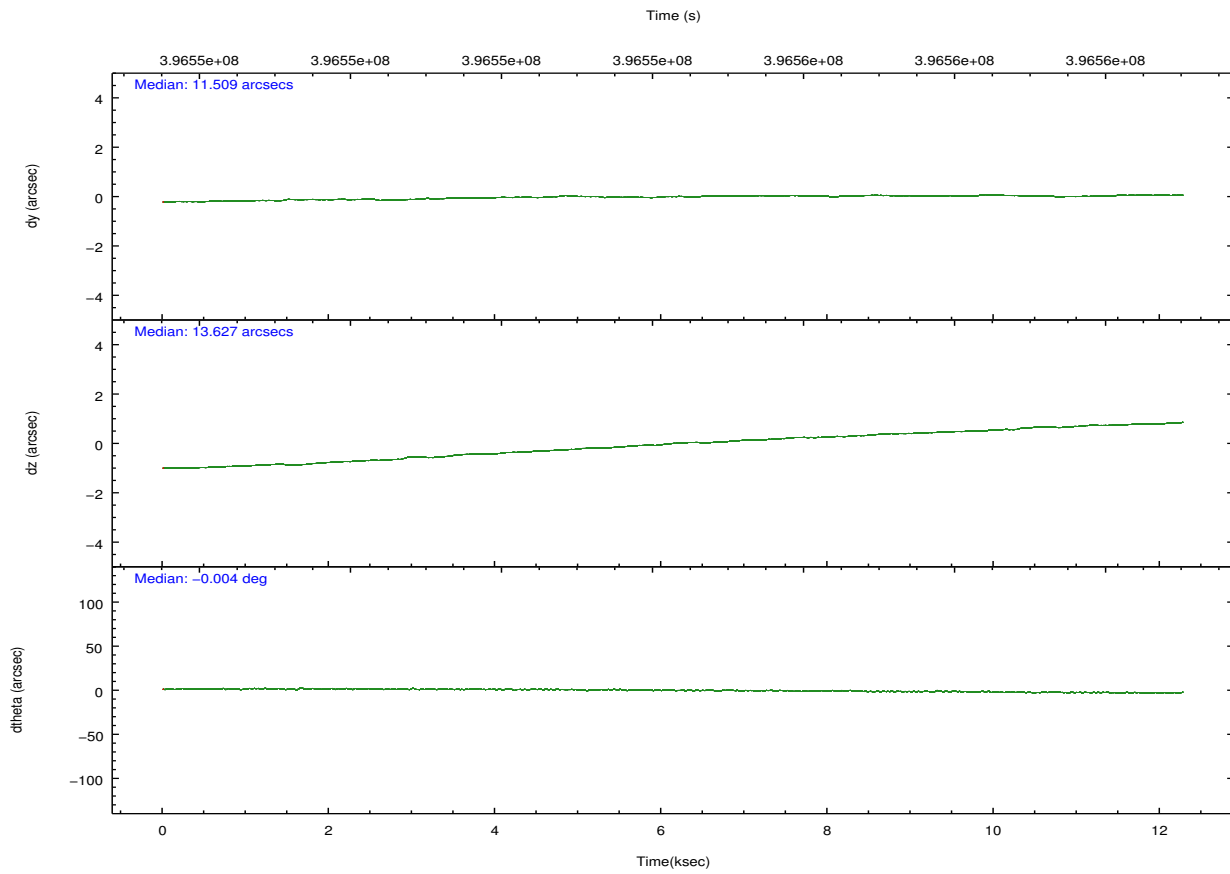
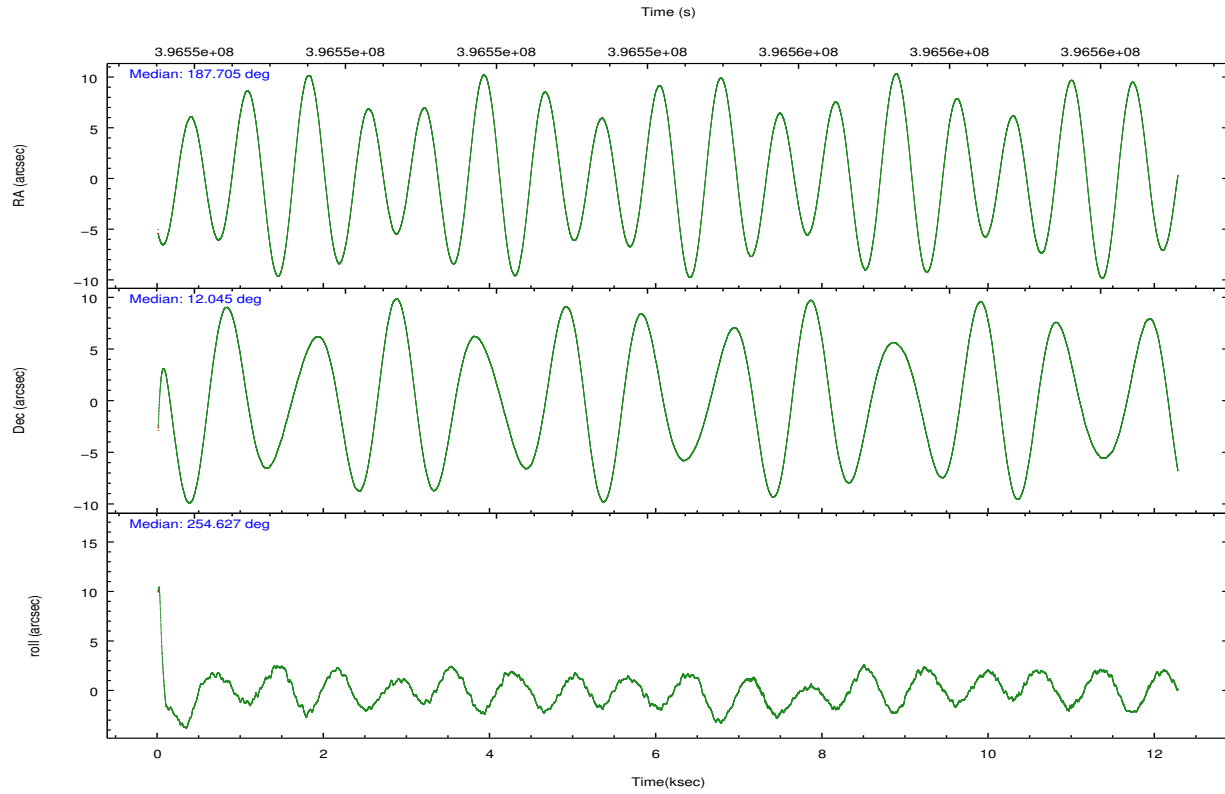
	ccd 7
grade 0 events	11887
	8%
grade 1 events	143
	0%
grade 2 events	16397
	12%
grade 3 events	7099
	5%
grade 4 events	7100
	5%
grade 5 events	11539
	8%
grade 6 events	31236
	23%
grade 7 events	47728
	35%

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	187.697413	187.7048149890846	Subarray requested	NONE	NONE
[deg] Pointing Dec	12.071557	12.04518845133711	Alternating exposures requested	N	N
[deg] Pointing Roll	254.475979	254.6310734470094	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	396548290.184000	396547131.11939			
Observation start date	2010-07-26T16:17:04	2010-07-26T15:58:51			
[s] Observation end time (MET)	396560414.184000	396561362.73261			
Observation end date	2010-07-26T19:39:08	2010-07-26T19:56:02			
Read mode	TIMED	TIMED			

2.3 Aspect



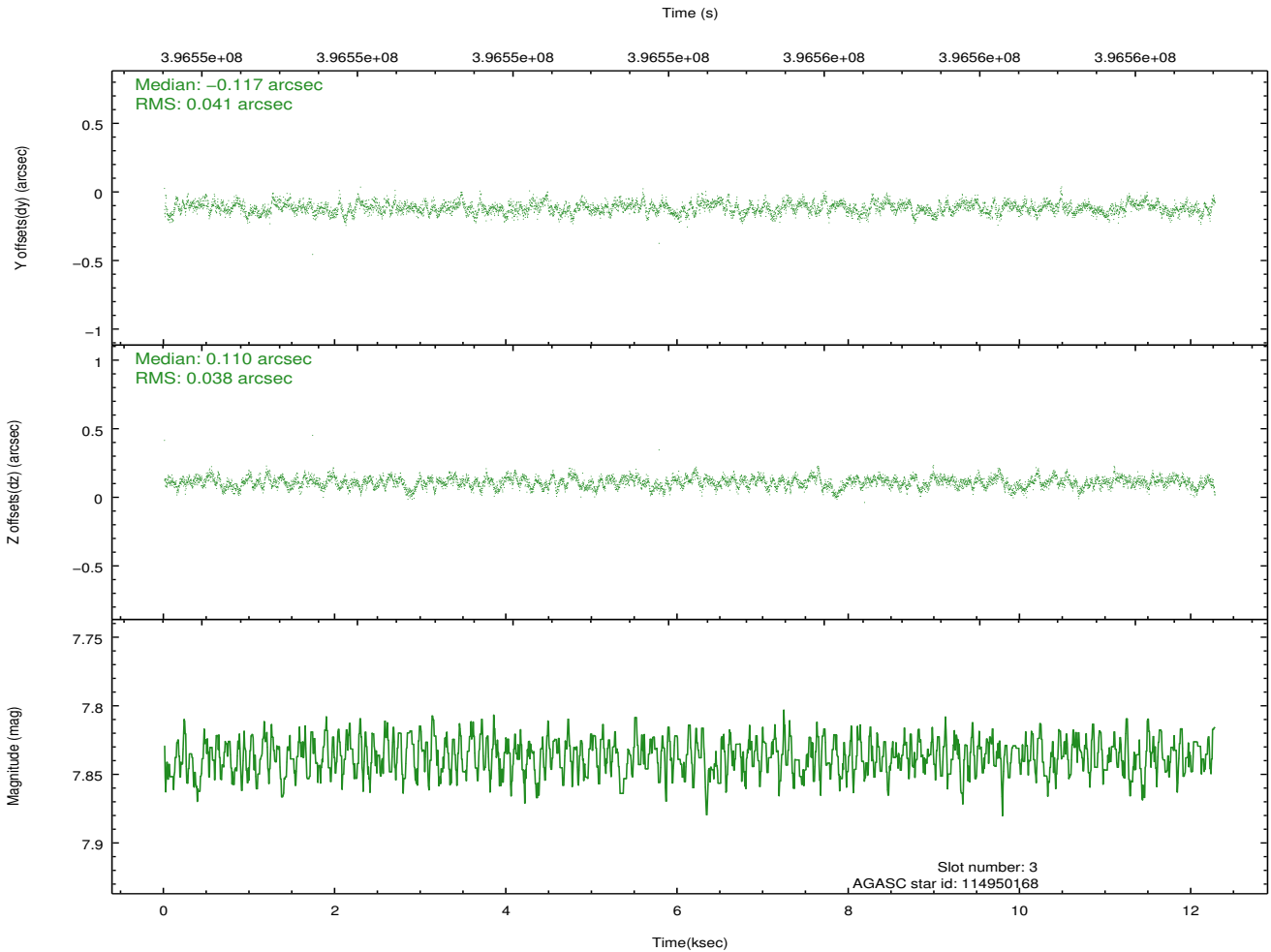
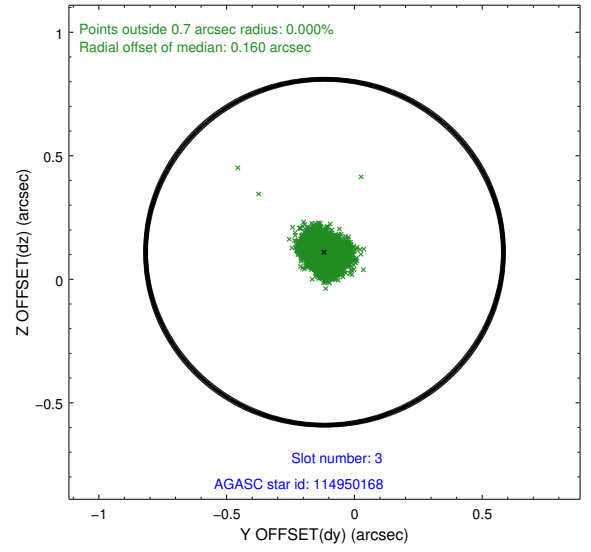
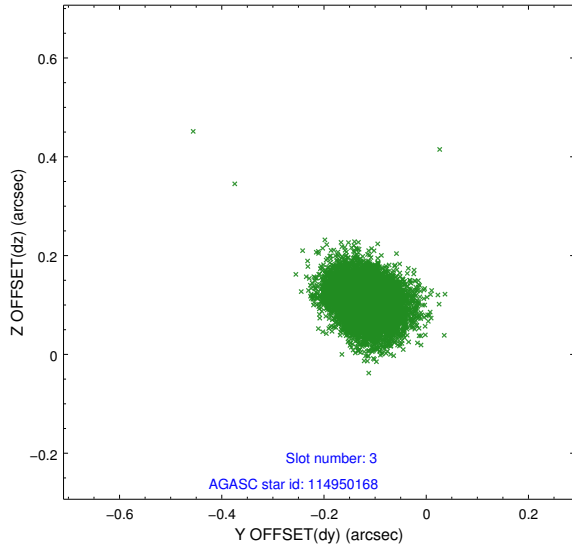


Slot Statistics

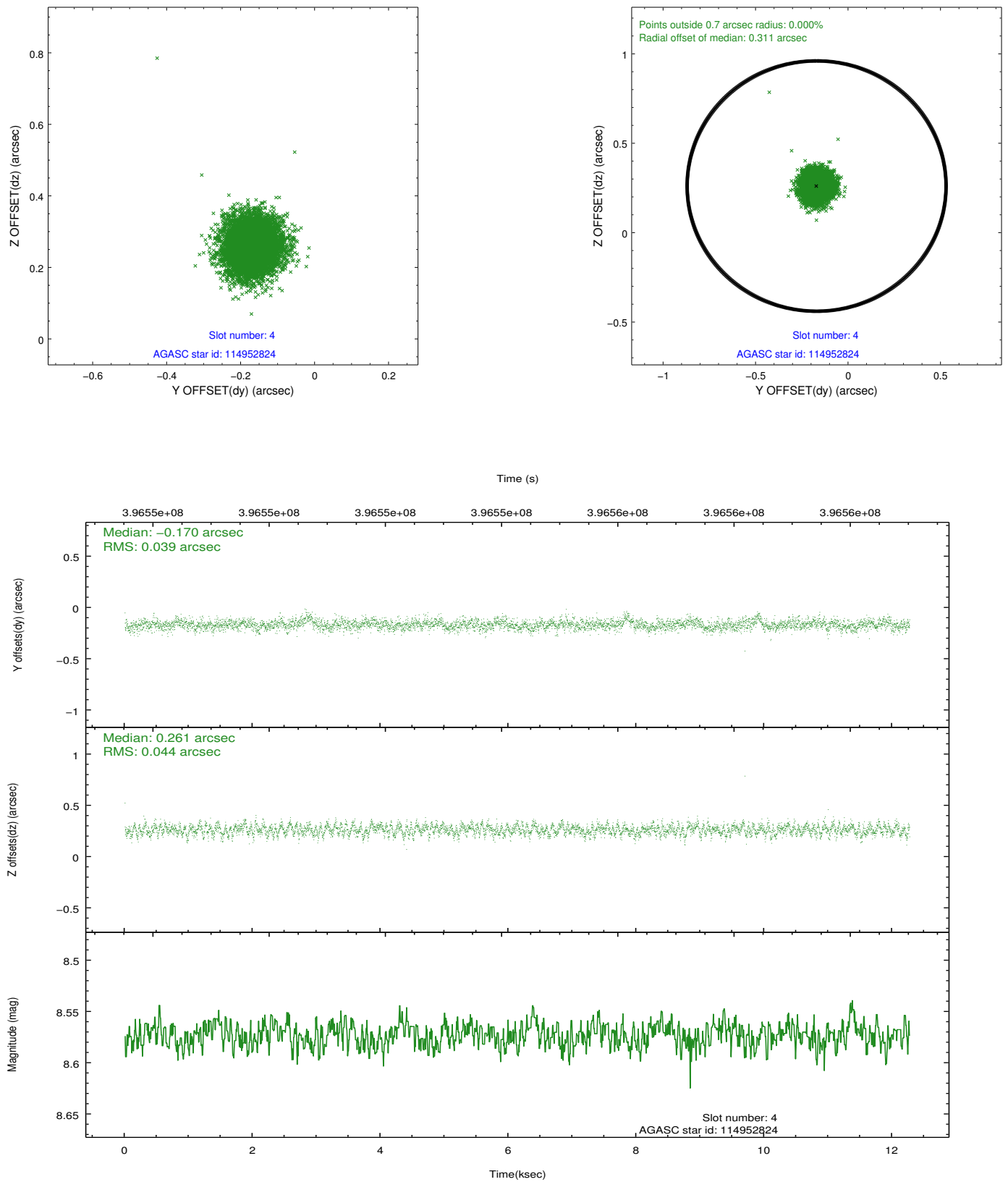
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	2994	-0.030	-0.034	0.013	0.019	0.000000	0.000000	-764.39	-1734.88
1	FID	ACIS-S-4	7.01	2994	0.117	0.025	0.014	0.020	0.000000	0.000000	2148.86	173.23
2	FID	ACIS-S-5	7.04	2994	-0.116	0.018	0.008	0.013	0.000000	0.000000	-1816.79	167.37
3	GUIDE	114950168	7.84	5986	-0.117	0.110	0.059	0.095	187.143398	12.117441	361.46	-1923.16
4	GUIDE	114952824	8.57	5984	-0.170	0.261	0.063	0.101	187.703904	12.486727	-1445.72	-378.37
5	GUIDE	114954720	8.72	5983	0.180	0.358	0.074	0.121	187.384636	11.492566	2303.22	-505.20
6	GUIDE	114955568	7.53	5987	0.070	-0.381	0.057	0.098	187.061916	11.826551	1447.72	-1922.46
7	GUIDE	114955056	8.34	5984	0.029	-0.345	0.079	0.126	187.914001	12.127854	-398.97	679.57

2.4 Star Slots

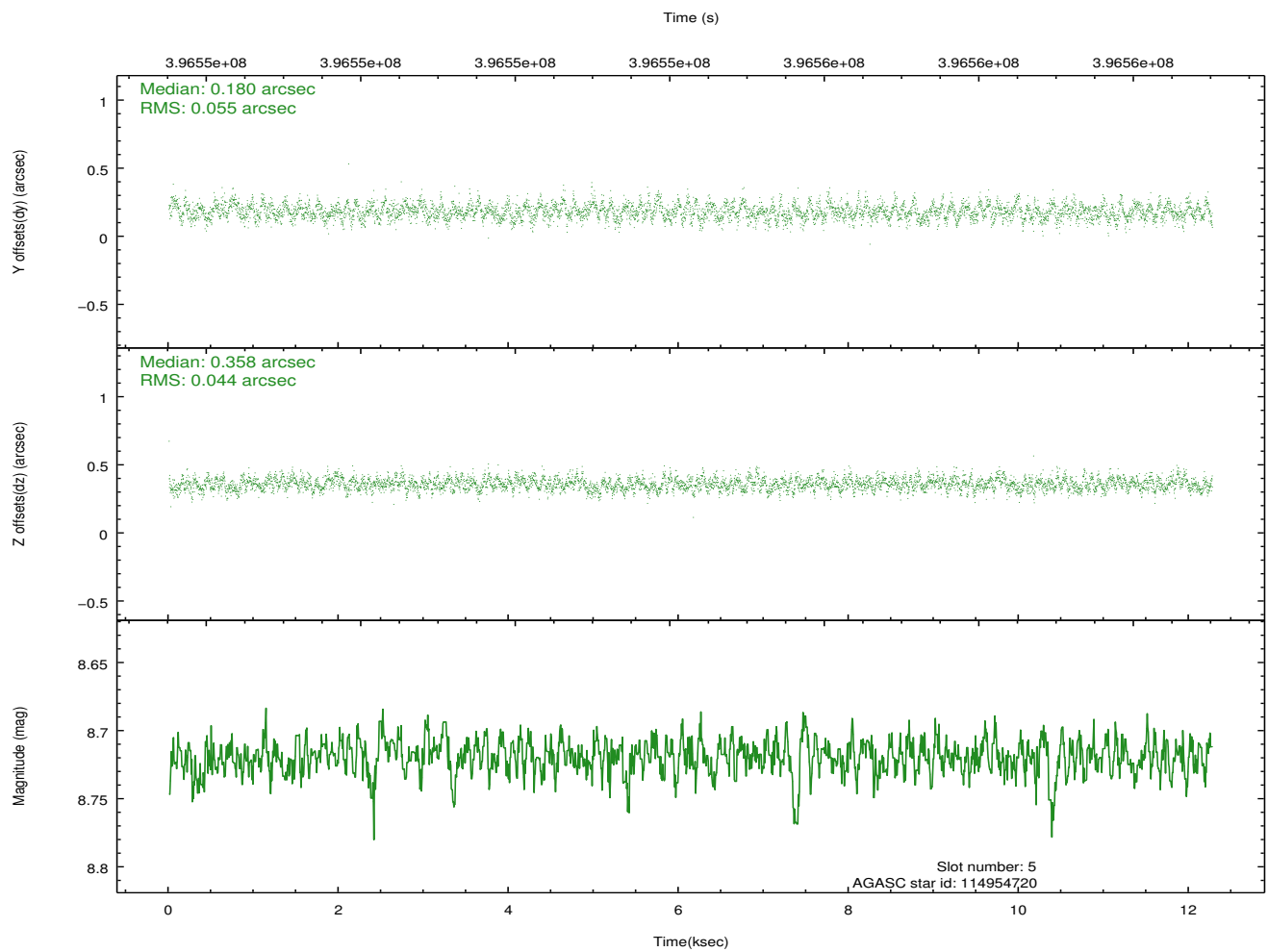
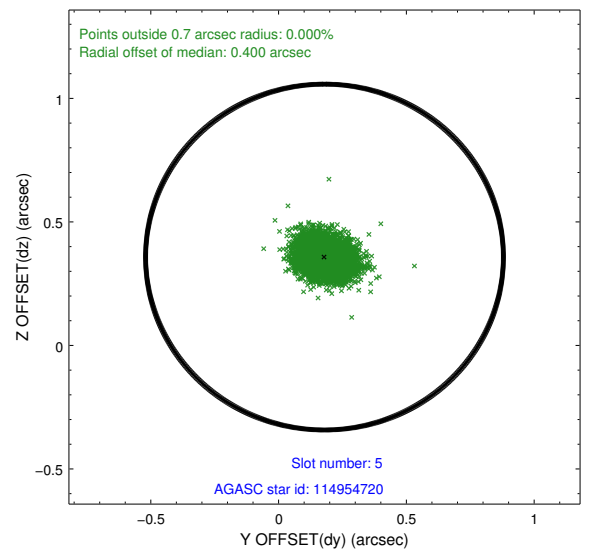
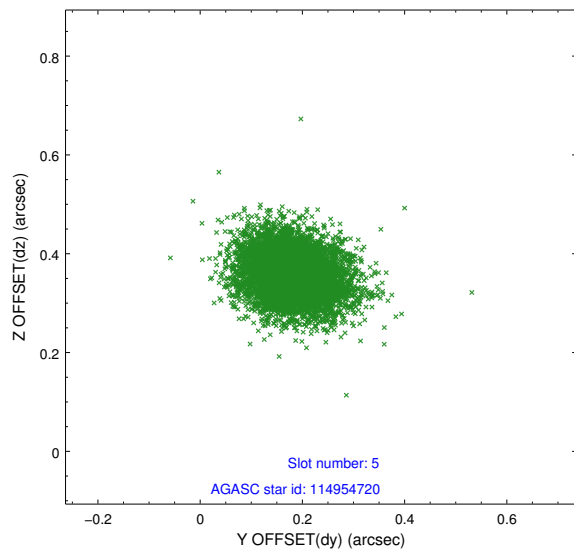
2.4.1 Slot 3



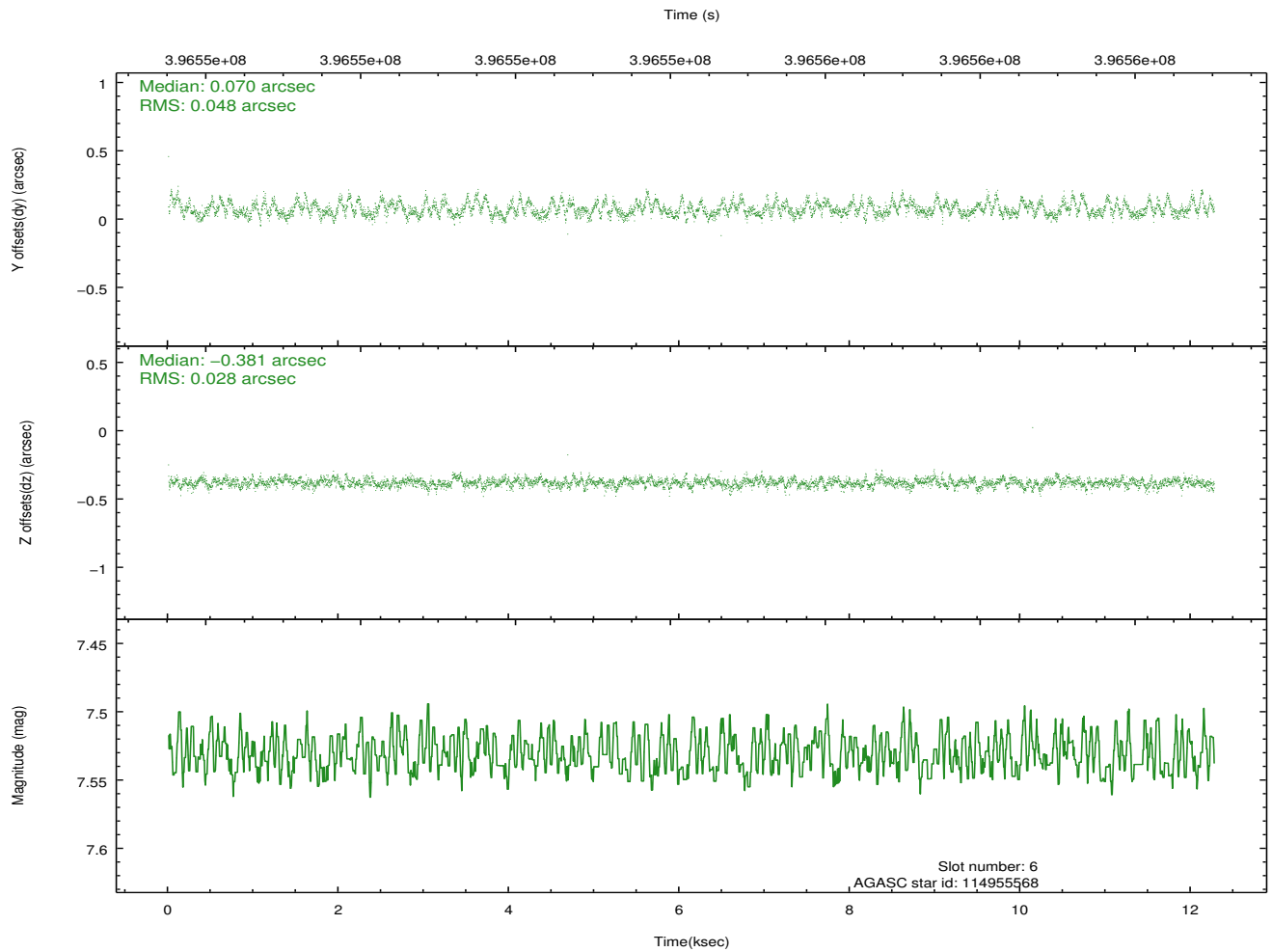
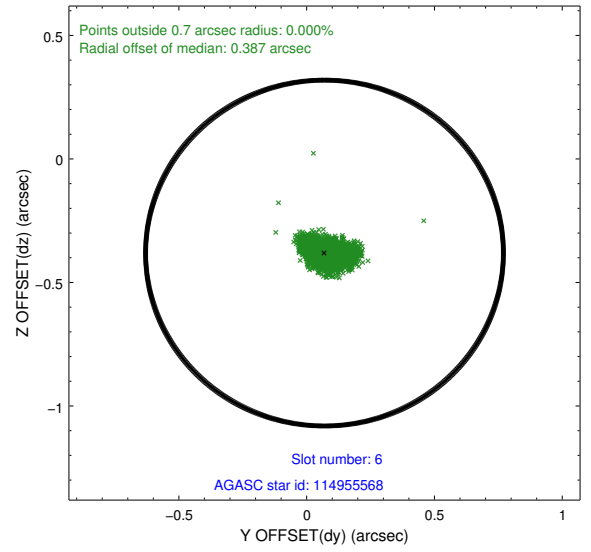
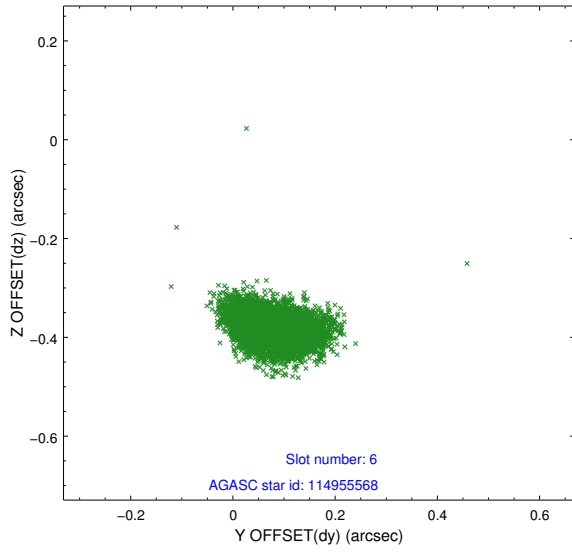
2.4.2 Slot 4



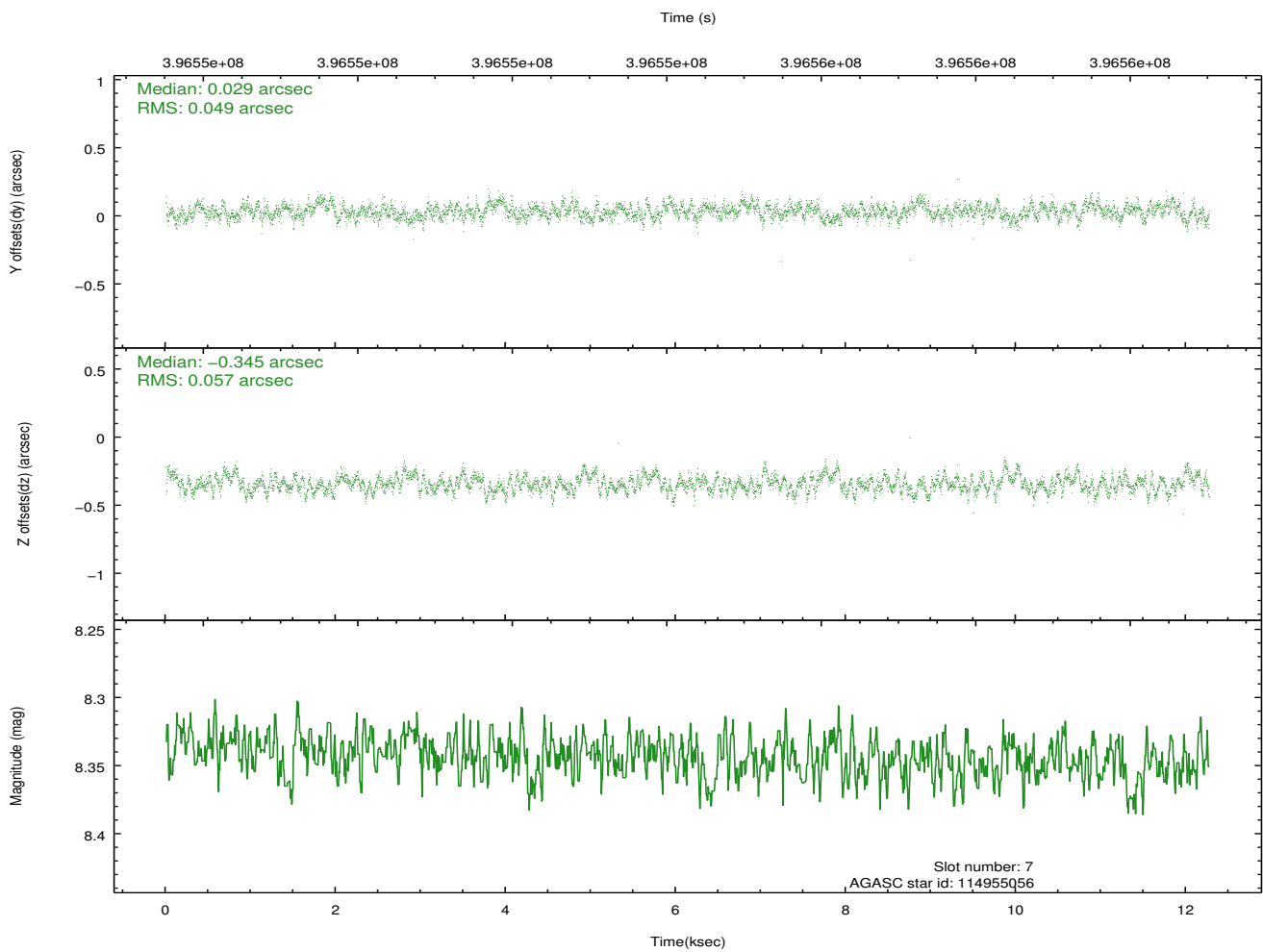
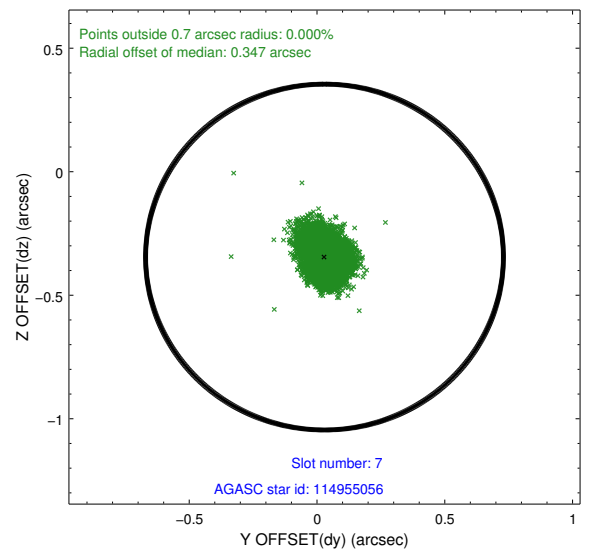
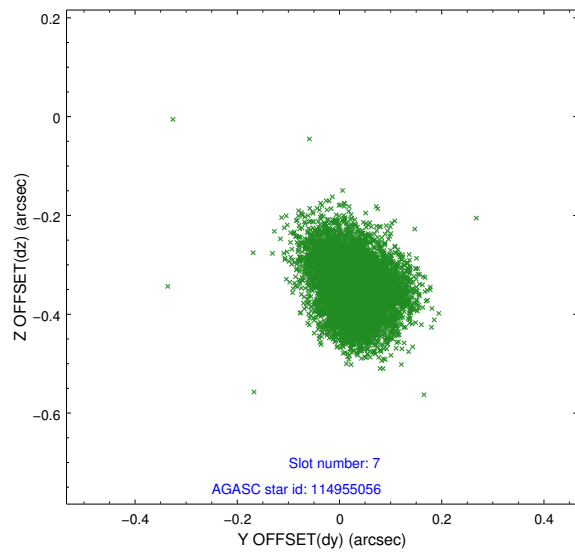
2.4.3 Slot 5



2.4.4 Slot 6

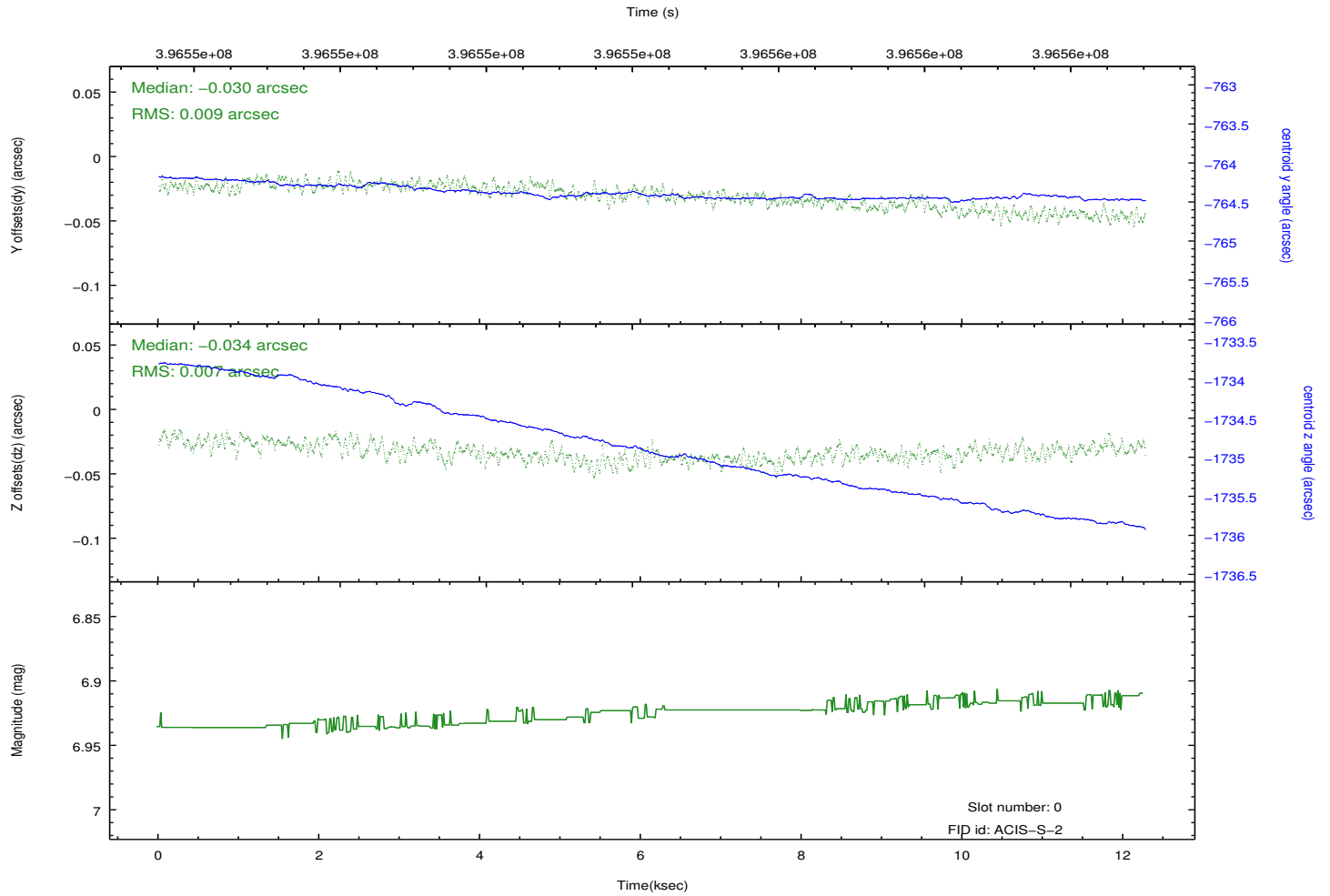
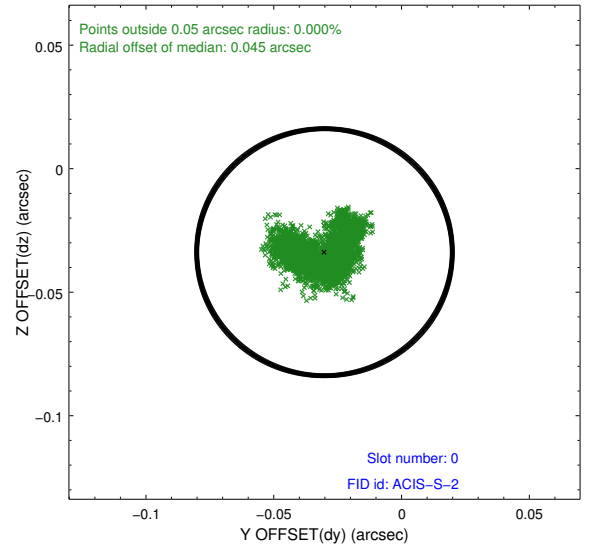
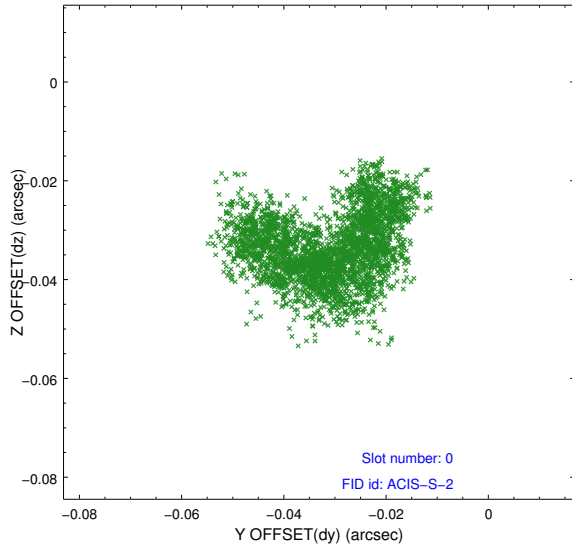


2.4.5 Slot 7

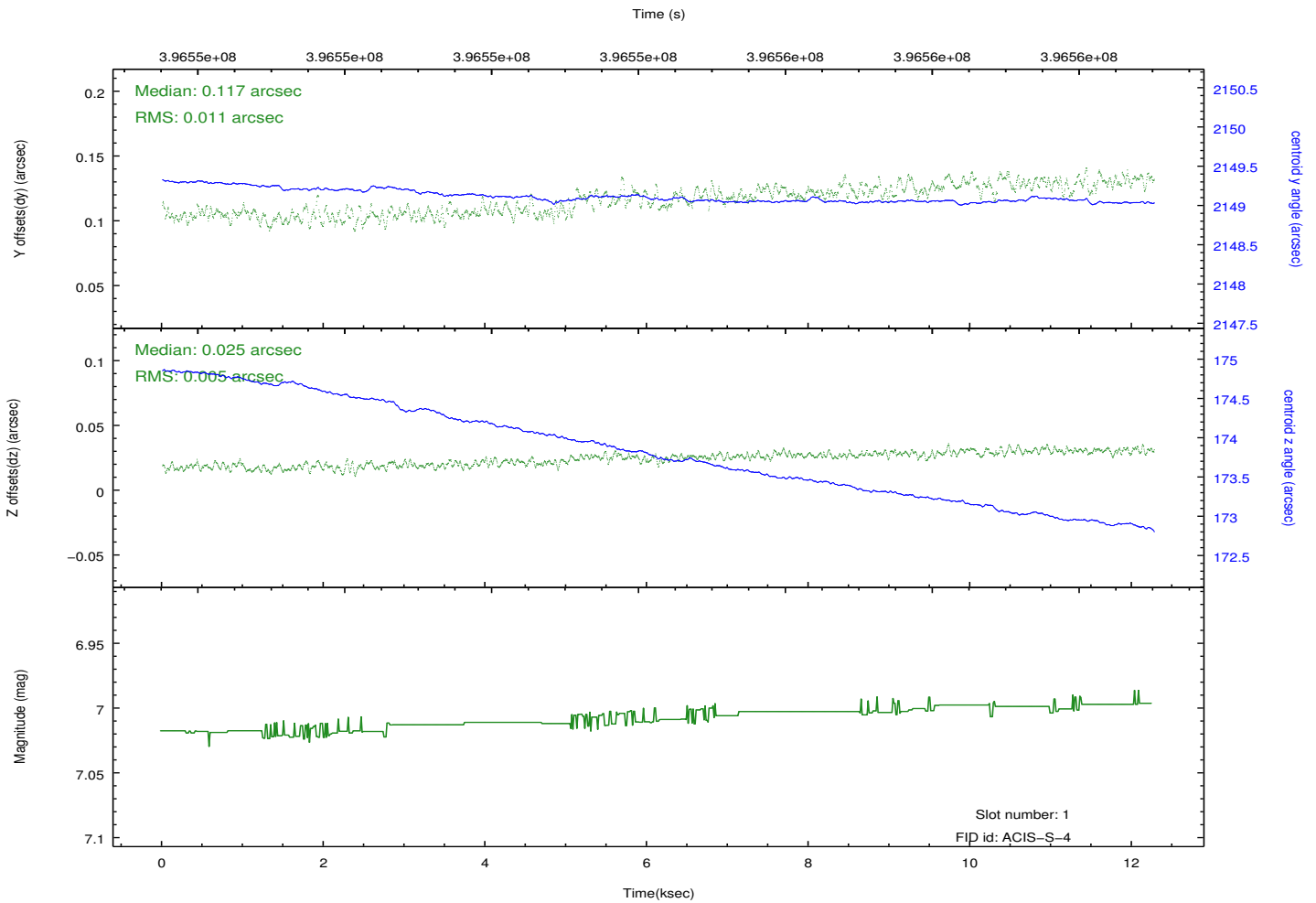
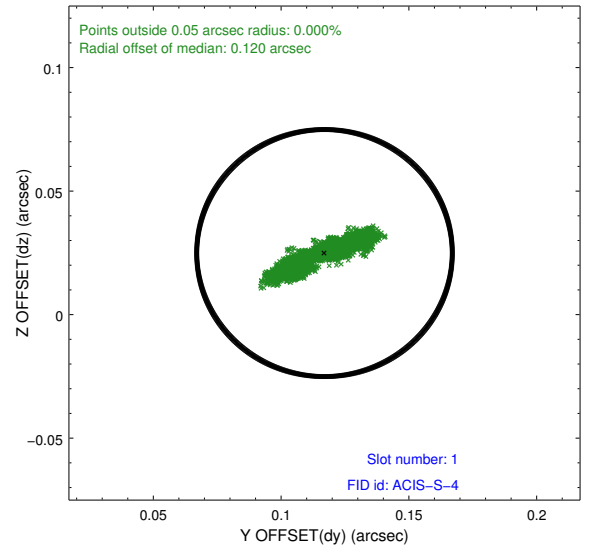
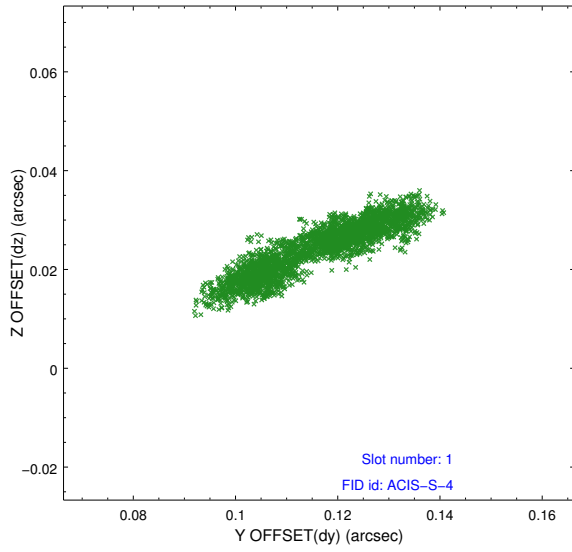


2.5 FID Slots

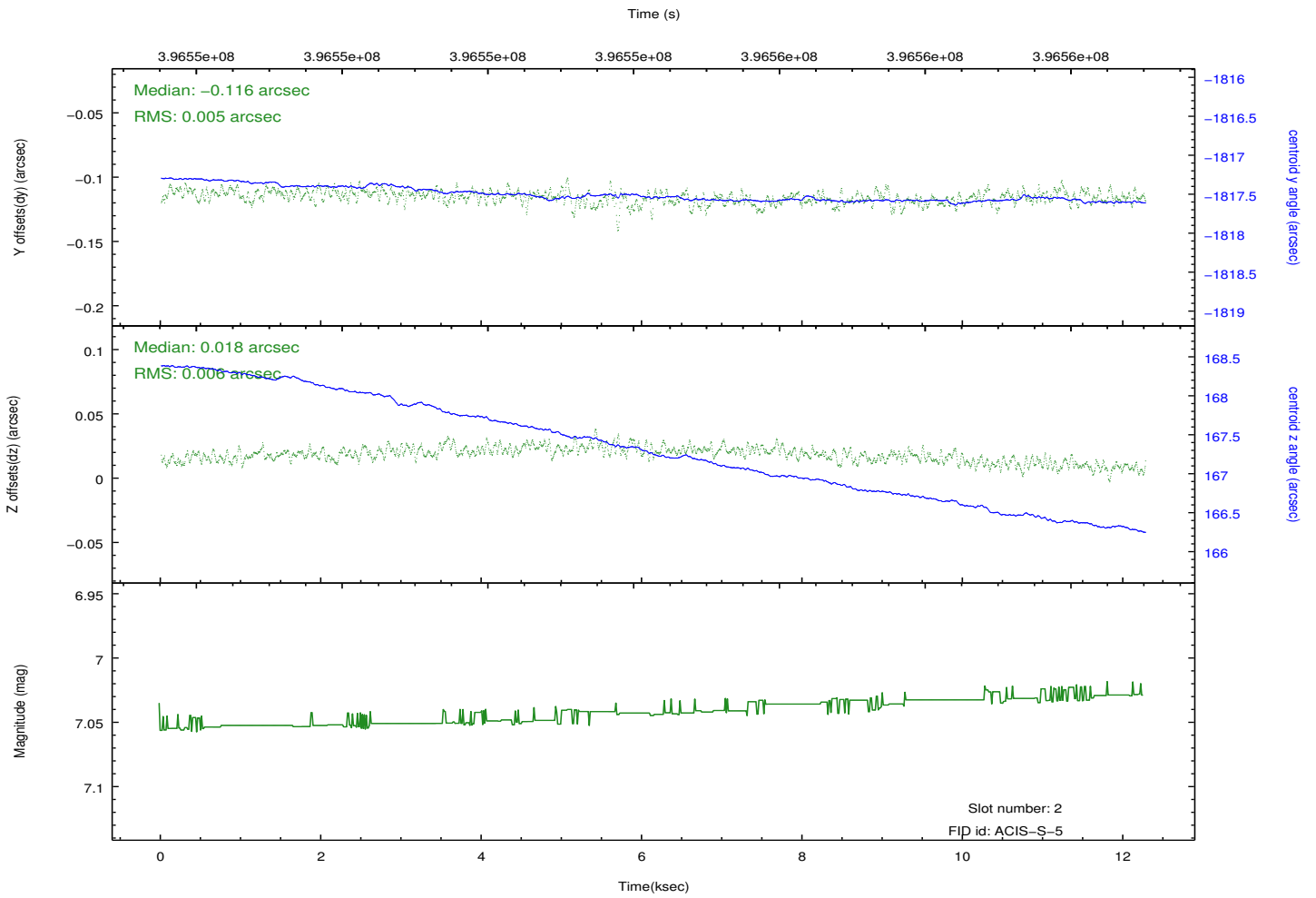
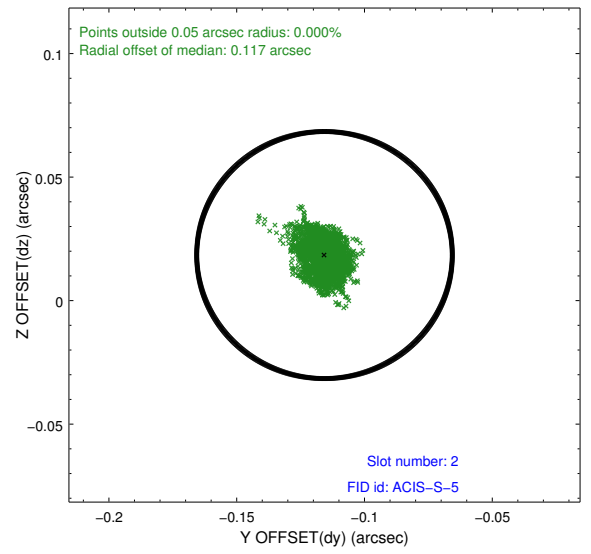
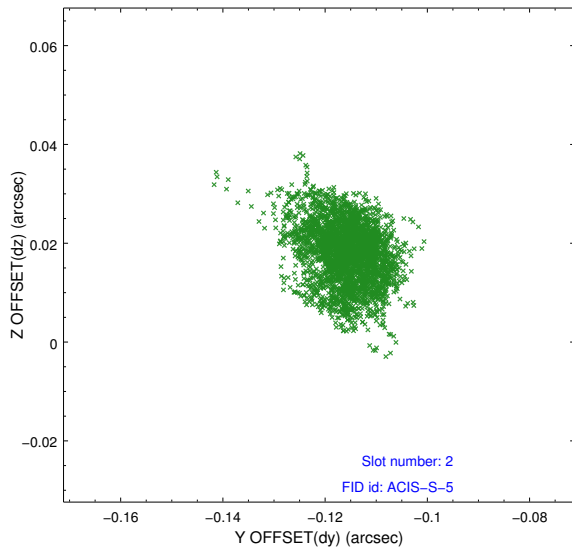
2.5.1 Slot 0



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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.201

A.2 Comments

Joint Proposal: HST