

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 16075 - L2 Version 1
Chandra X-Ray Center

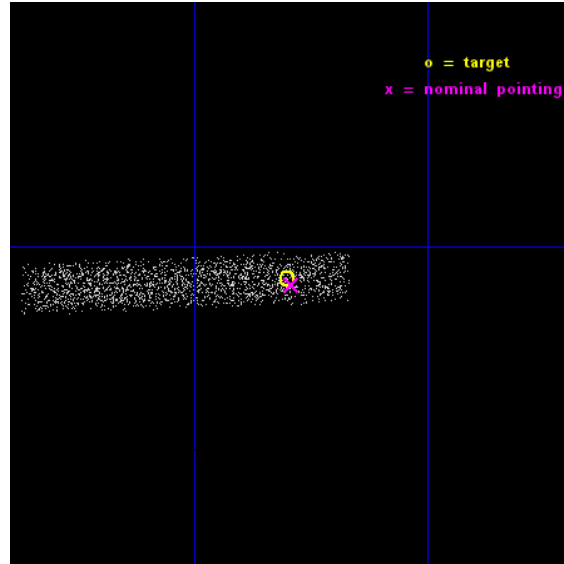
L2 Processing Date : Feb 28 2015

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	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

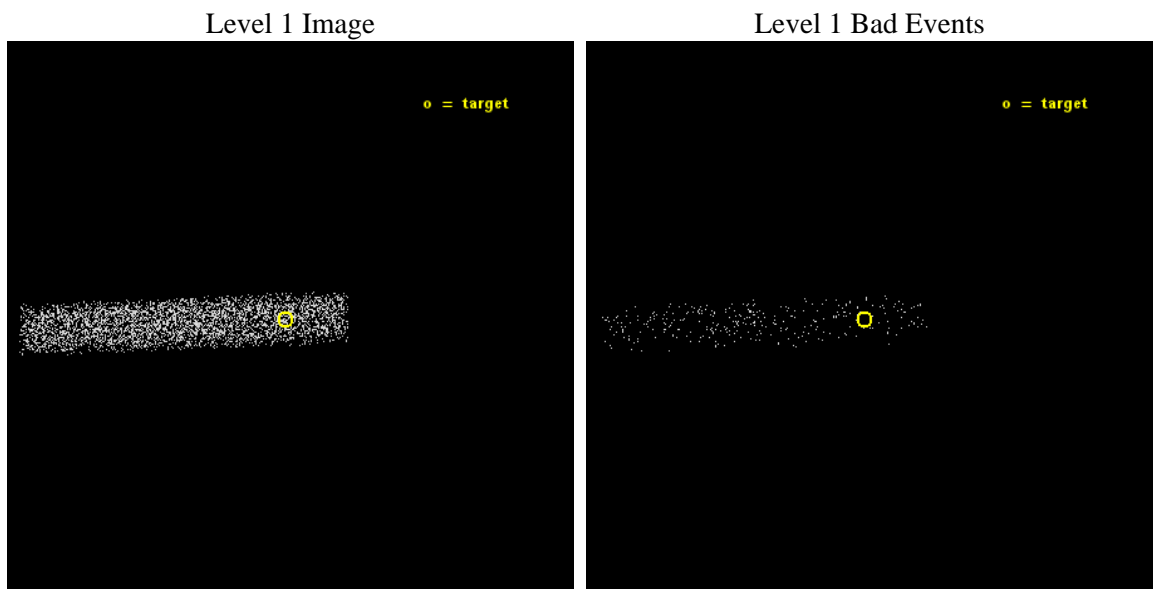
seq_num	702968	Sequence number
obs_id	16075	Observation id
title	PRE-SELECTING DUAL AGN CANDIDATES USING WISE: A CHANDRA PILOT STUDY	
observer	Dr. Shobita Satyapal	Principal investigator
object	SDSSJ1045+3519	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.325	Observer's specified target RA [deg]
dec_targ	35.320306	Observer's specified target Dec [deg]
ra_nom	161.32282996043	Nominal RA [deg]
dec_nom	35.317688320807	Nominal Dec [deg]
roll_nom	177.74922914437	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5068.6802096367	Sum of GTIs [s]
livetime	4597.025403262	Livetime [s]
ontime7	5068.6802096367	Sum of GTIs [s]
l2events	2189	Number of level 2 events



2 OBI

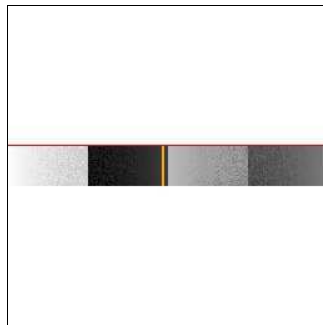
2.1 OBI

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	10.3.3	Processing system revision	ontime	5068.6802096367	Sum of GTIs [s]
caldsver	4.6.7	 	ontime7	5068.6802096367	Sum of GTIs [s]
date	2015-02-28T11:51:43	Date and time of file creation	l1events	4661	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

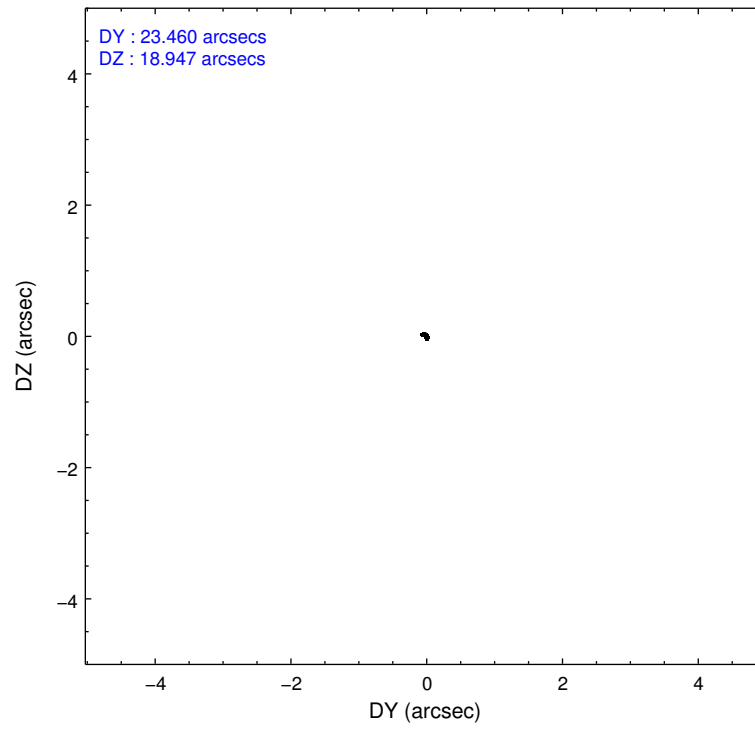
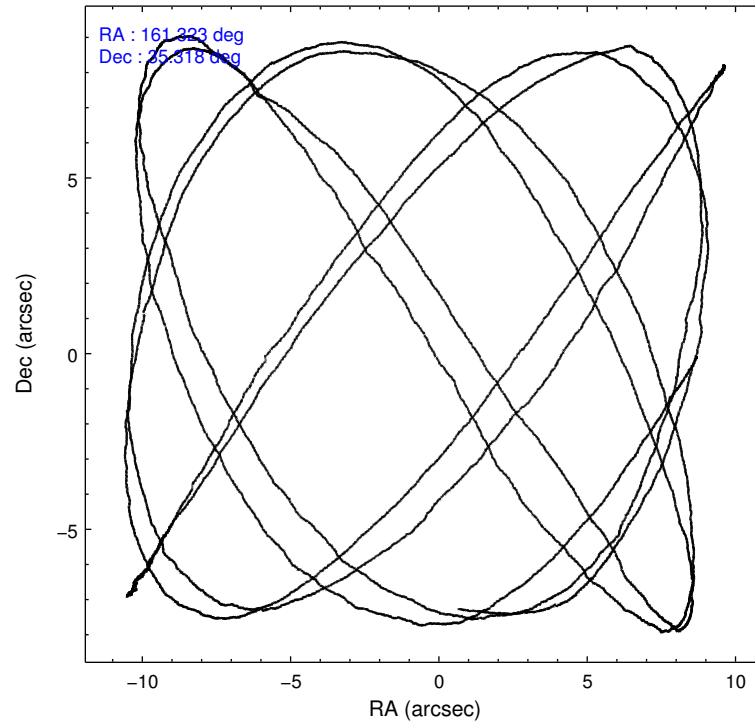
	ccd 7
level 1 events	4661
rejected events	2377
rejected %	50%

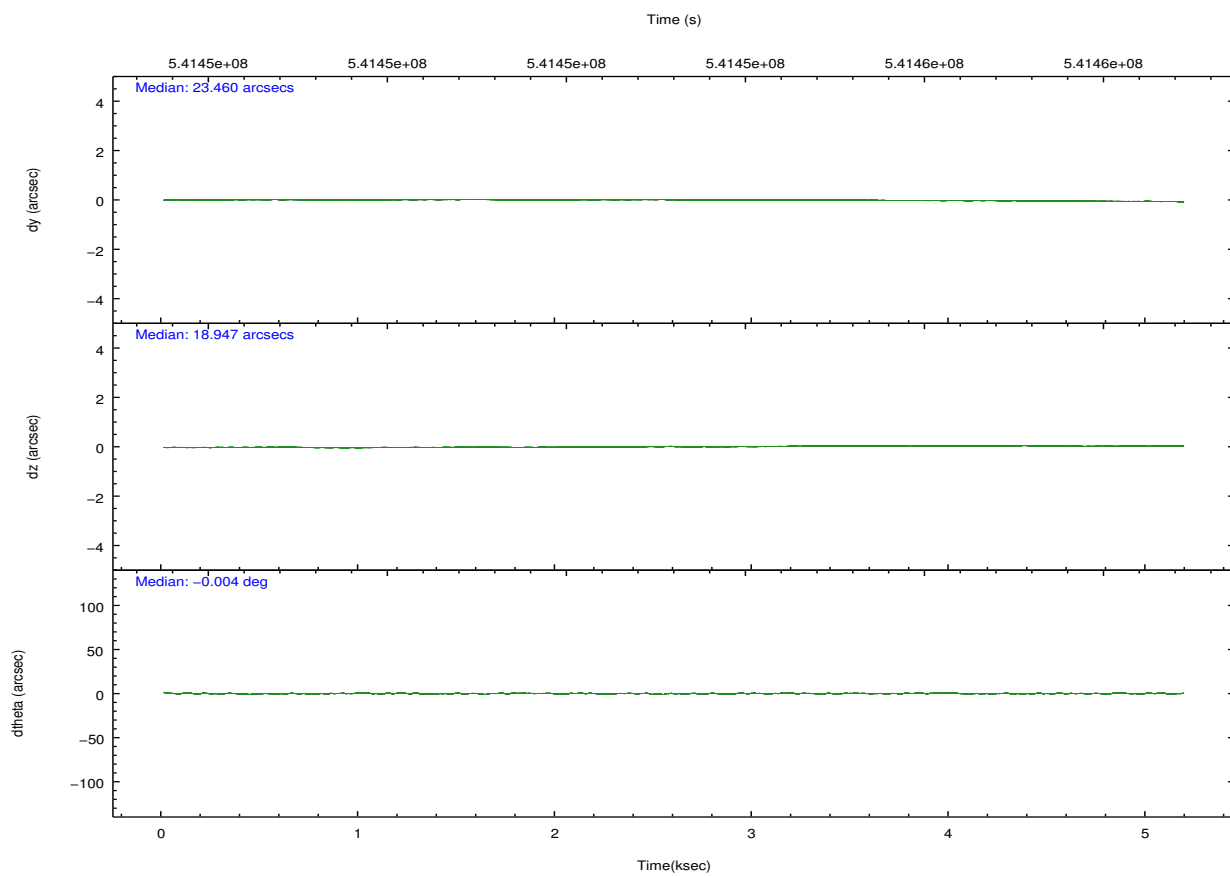
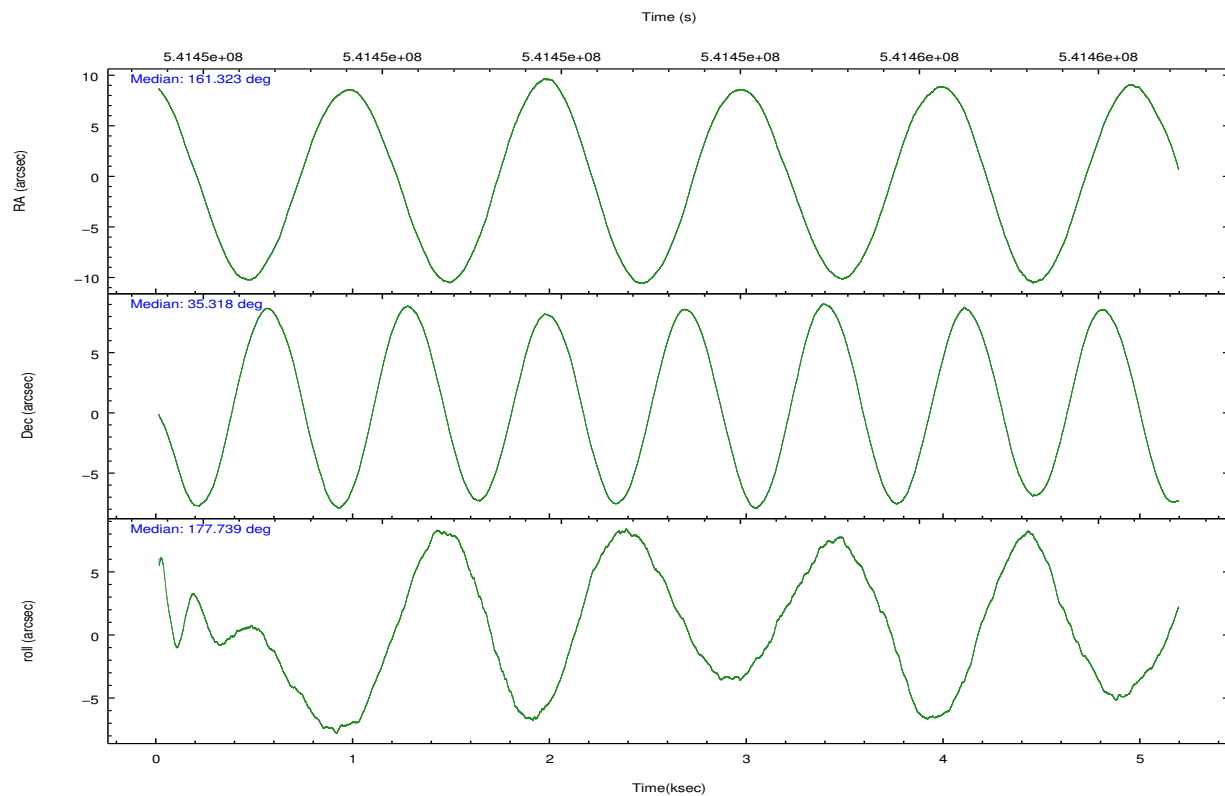
	ccd 7
grade 0 events	230
	4%
grade 1 events	4
	0%
grade 2 events	432
	9%
grade 3 events	285
	6%
grade 4 events	307
	6%
grade 5 events	458
	9%
grade 6 events	1032
	22%
grade 7 events	1913
	41%

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	161.352325	161.3228299604252	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	35.330874	35.31768832080664	Subarray start row	449	449
[deg] Pointing Roll	177.575540	177.7492291443702	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	541451206.184000	541450213.65582			
Observation start date	2015-02-27T19:05:39	2015-02-27T18:50:13			
[s] Observation end time (MET)	541456206.184000	541456832.08119			
Observation end date	2015-02-27T20:28:59	2015-02-27T20:40:32			
Read mode	TIMED	TIMED			

2.3 Aspect



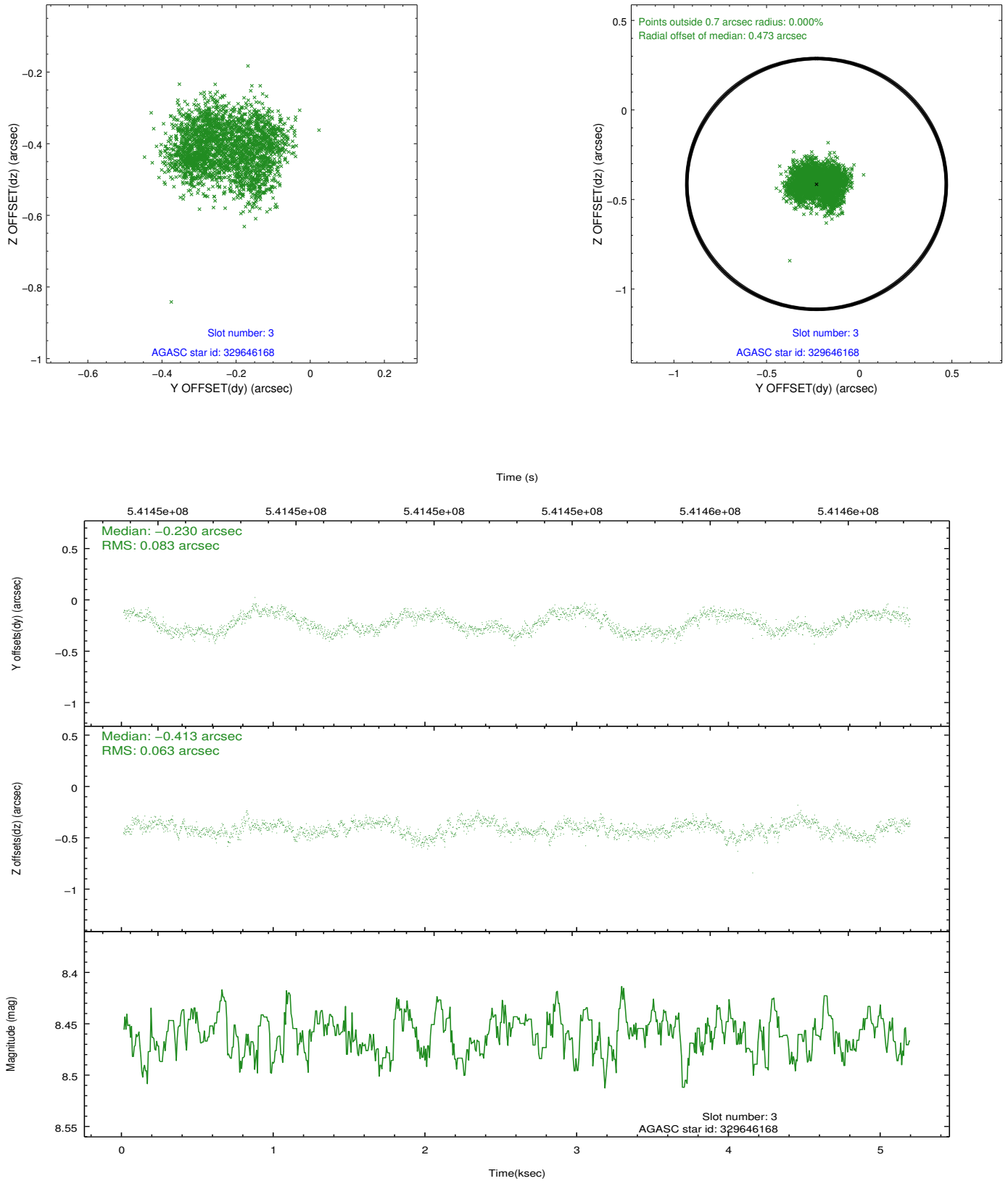


Slot Statistics

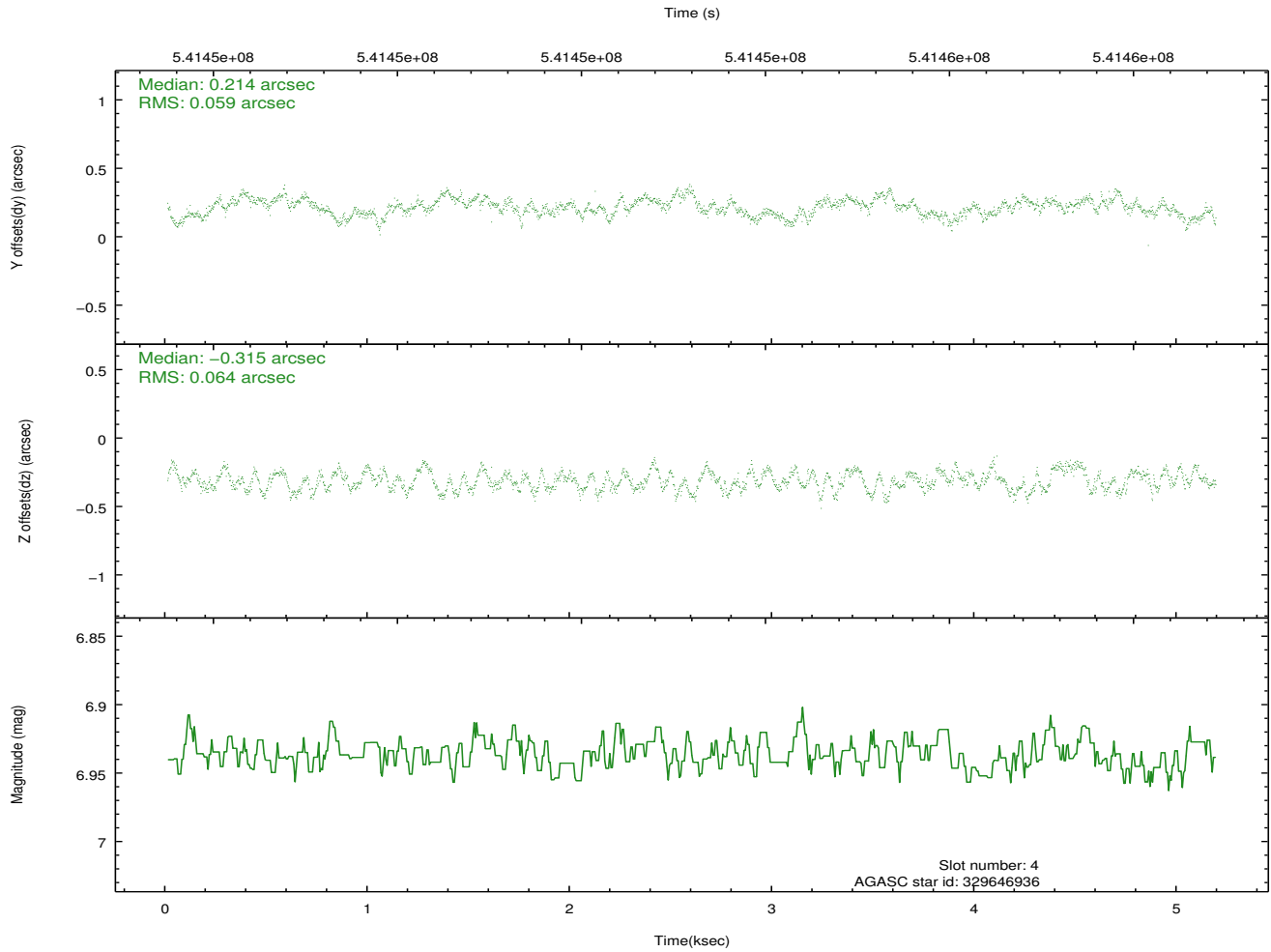
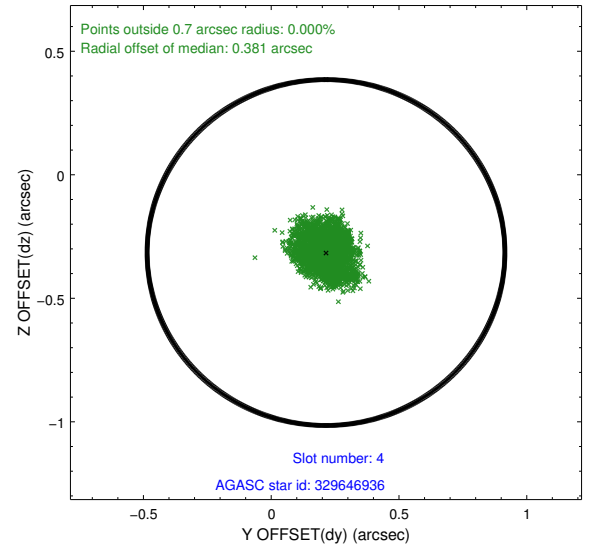
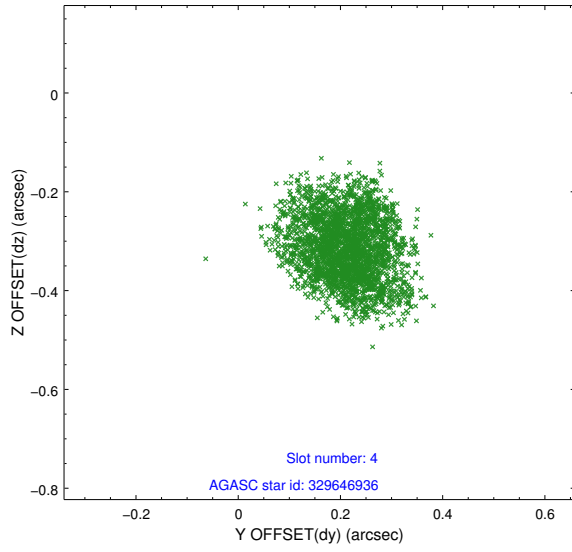
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.13	1264	-0.173	-0.103	0.007	0.010	0.000000	0.000000	-776.83	-1740.48
1	FID		ACIS-S-4	7.23	1264	0.406	0.111	0.005	0.010	0.000000	0.000000	2136.49	166.99
2	FID		ACIS-S-5	7.23	1264	-0.263	0.000	0.007	0.011	0.000000	0.000000	-1828.26	161.90
3	GUIDE	used	329646168	8.46	2528	-0.230	-0.413	0.116	0.164	160.795286	34.765157	1560.12	2099.50
4	GUIDE	used	329646936	6.94	2528	0.214	-0.315	0.095	0.145	161.684378	34.731236	-1071.86	2113.79
5	GUIDE	used	330041056	9.22	2524	-0.022	0.230	0.107	0.175	160.635712	35.377680	2109.09	-85.66
6	GUIDE	used	330045336	9.09	2529	-0.235	0.122	0.121	0.193	160.957798	35.879965	1234.76	-1928.18
7	GUIDE	used	330046440	9.09	2528	0.267	0.367	0.112	0.182	161.562560	35.639895	-565.43	-1139.57

2.4 Star Slots

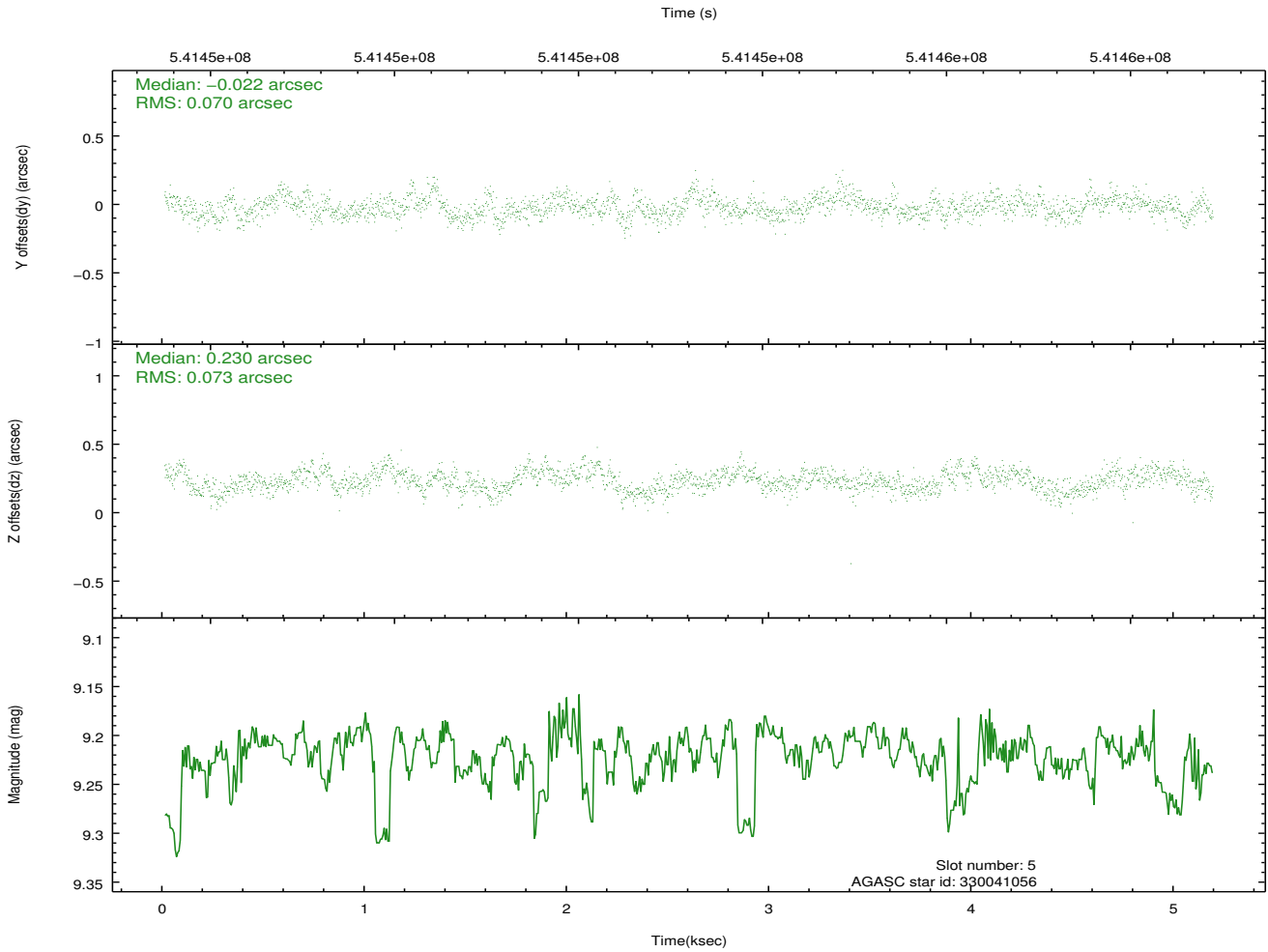
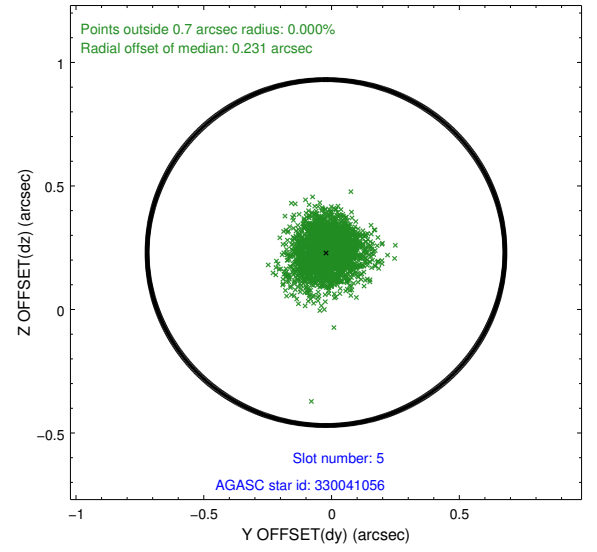
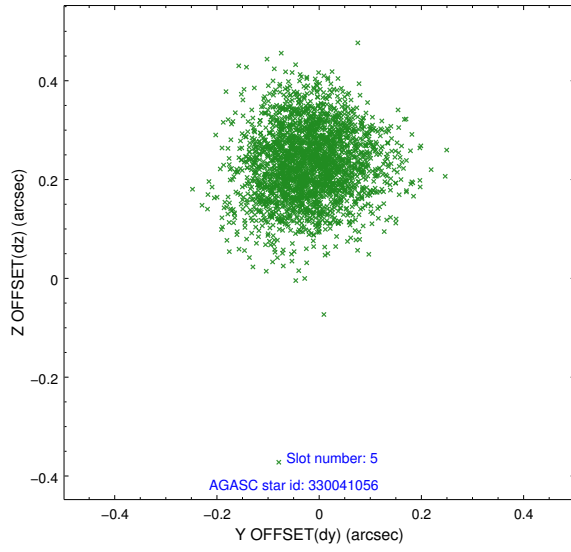
2.4.1 Slot 3



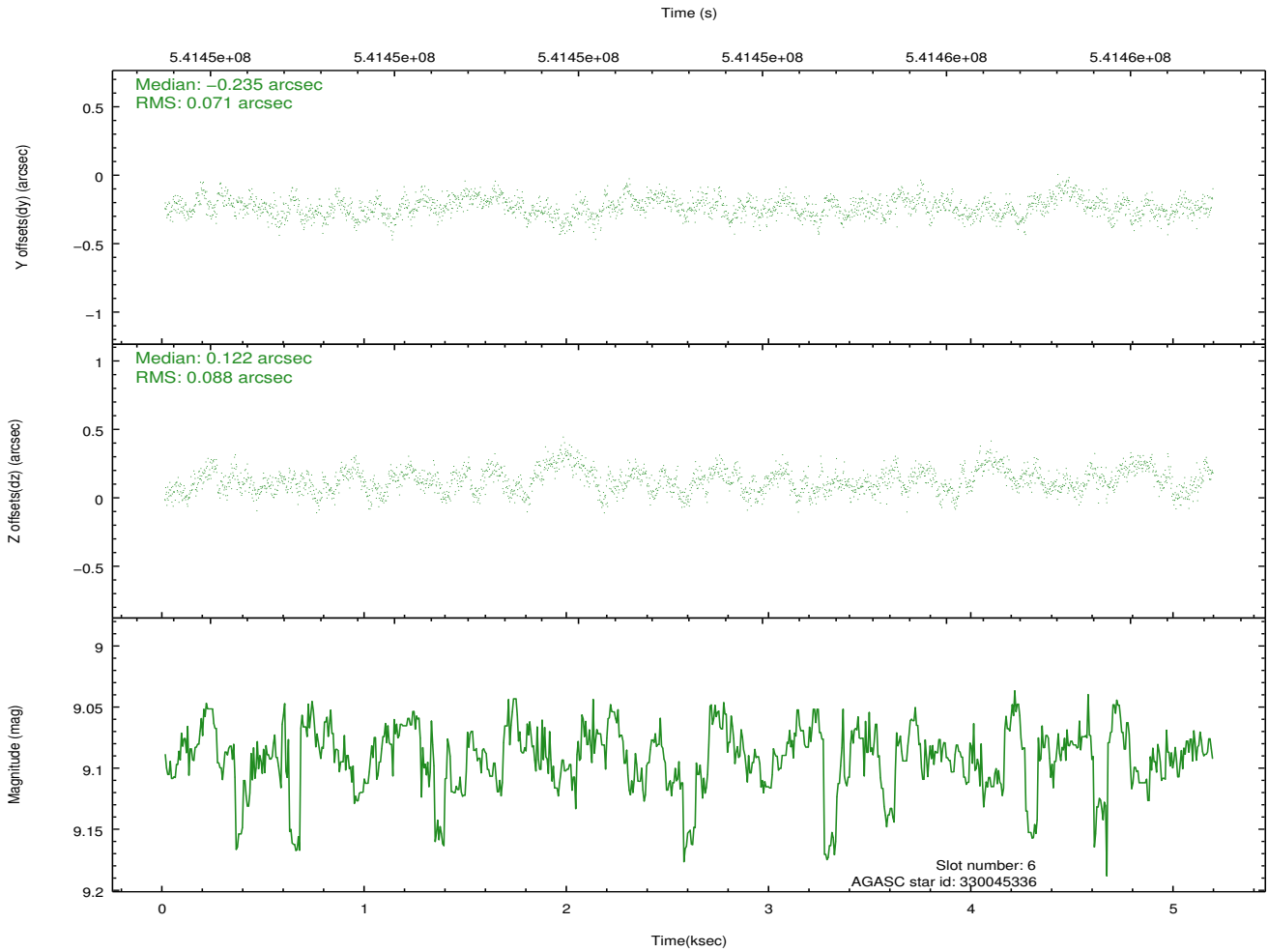
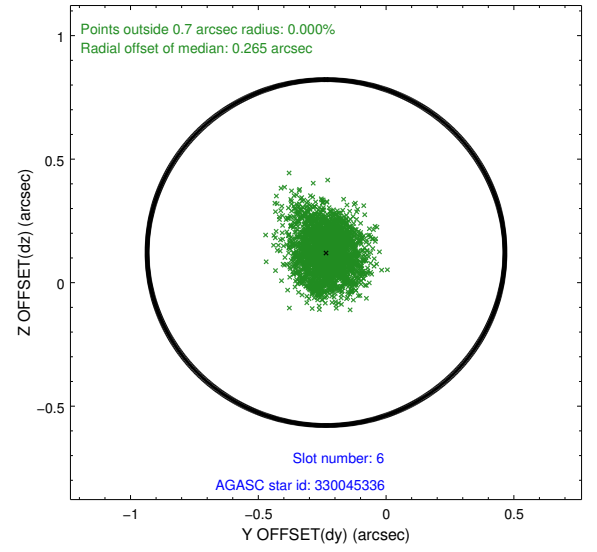
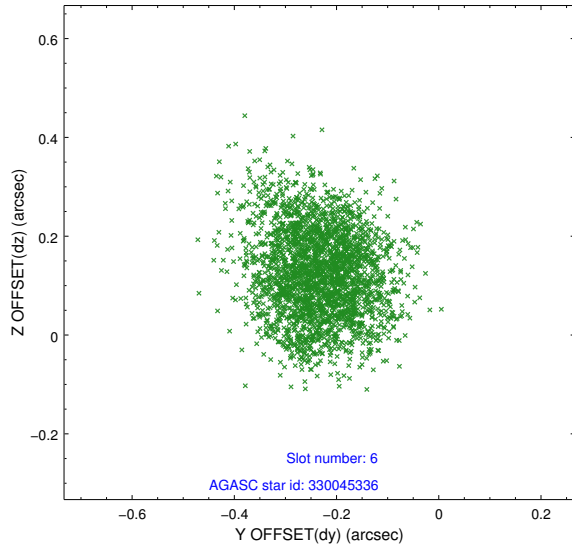
2.4.2 Slot 4



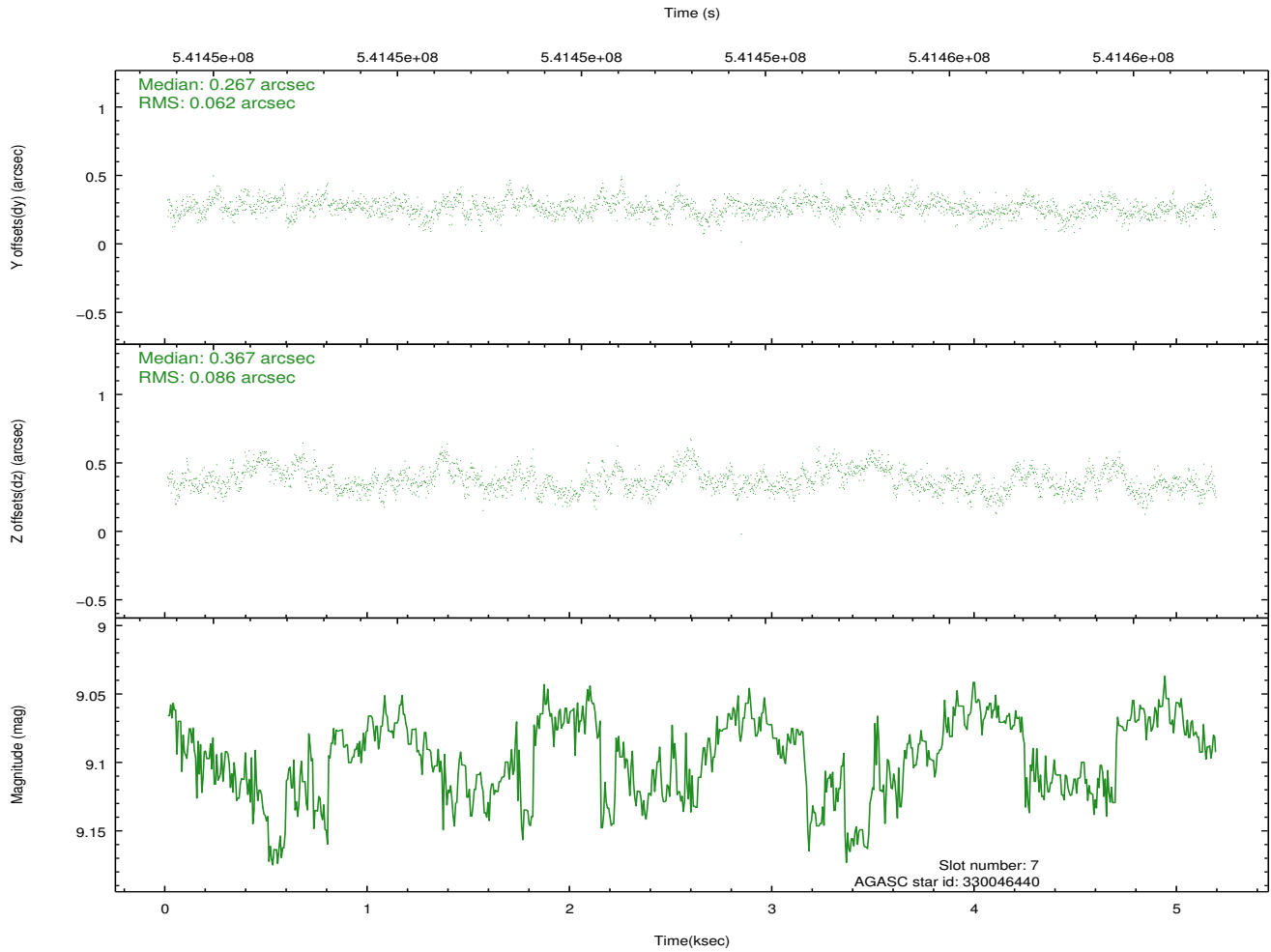
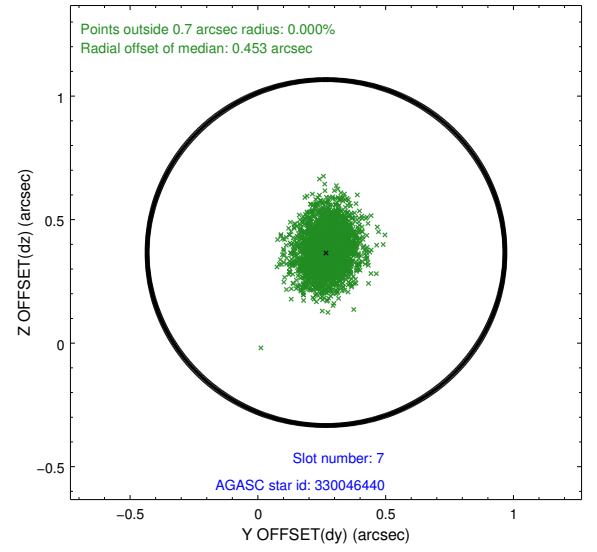
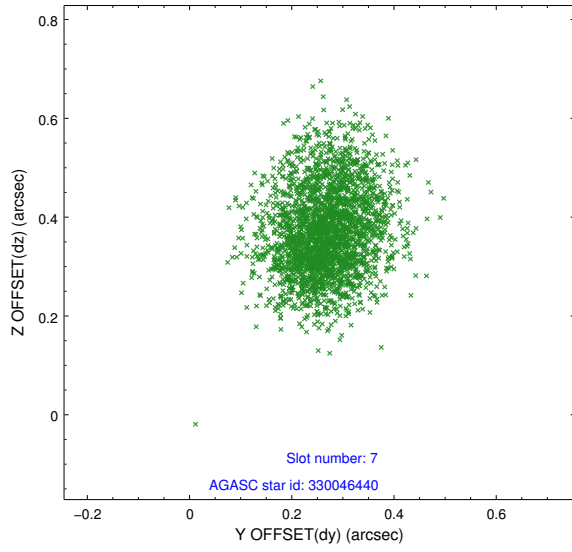
2.4.3 Slot 5



2.4.4 Slot 6

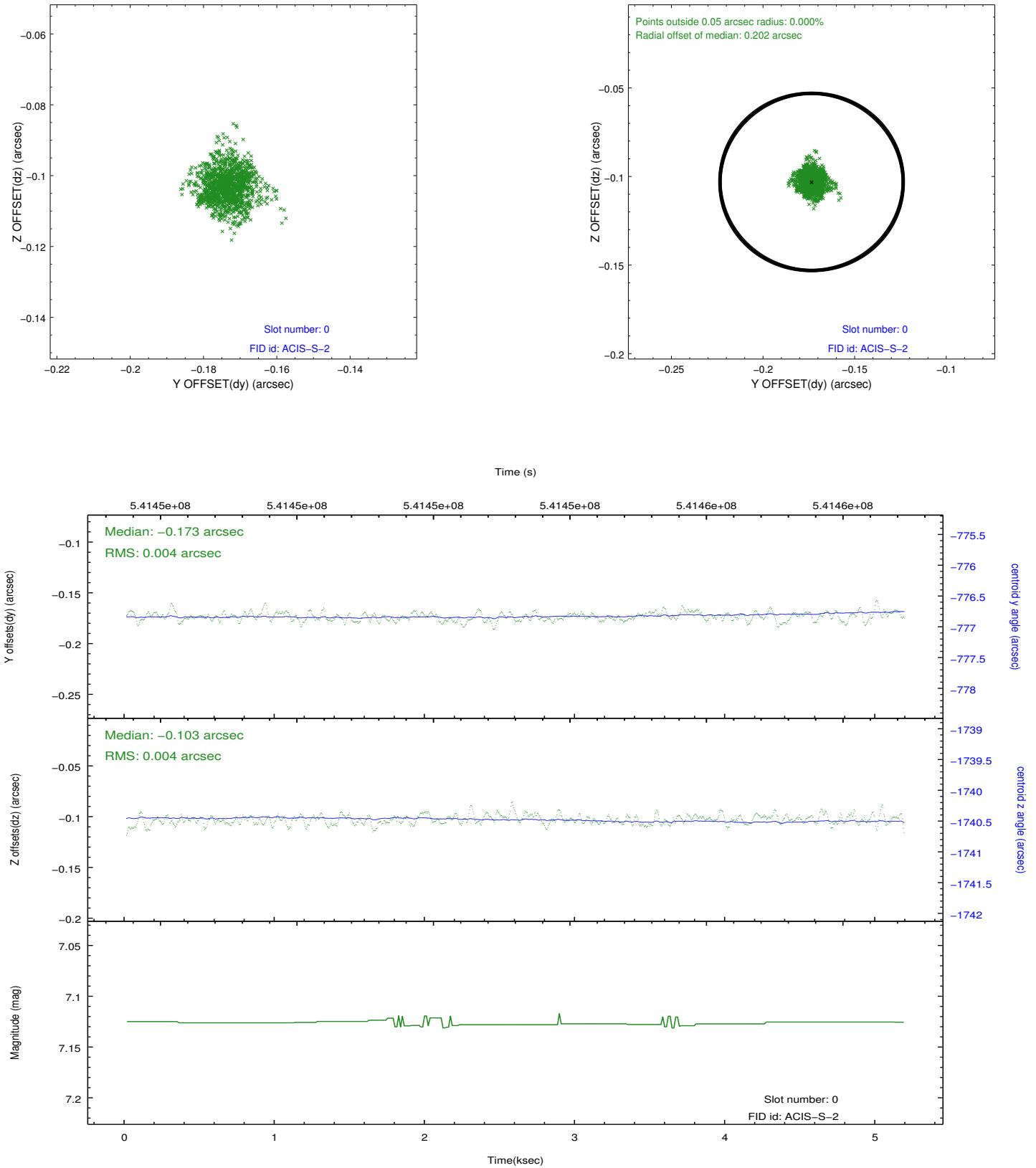


2.4.5 Slot 7

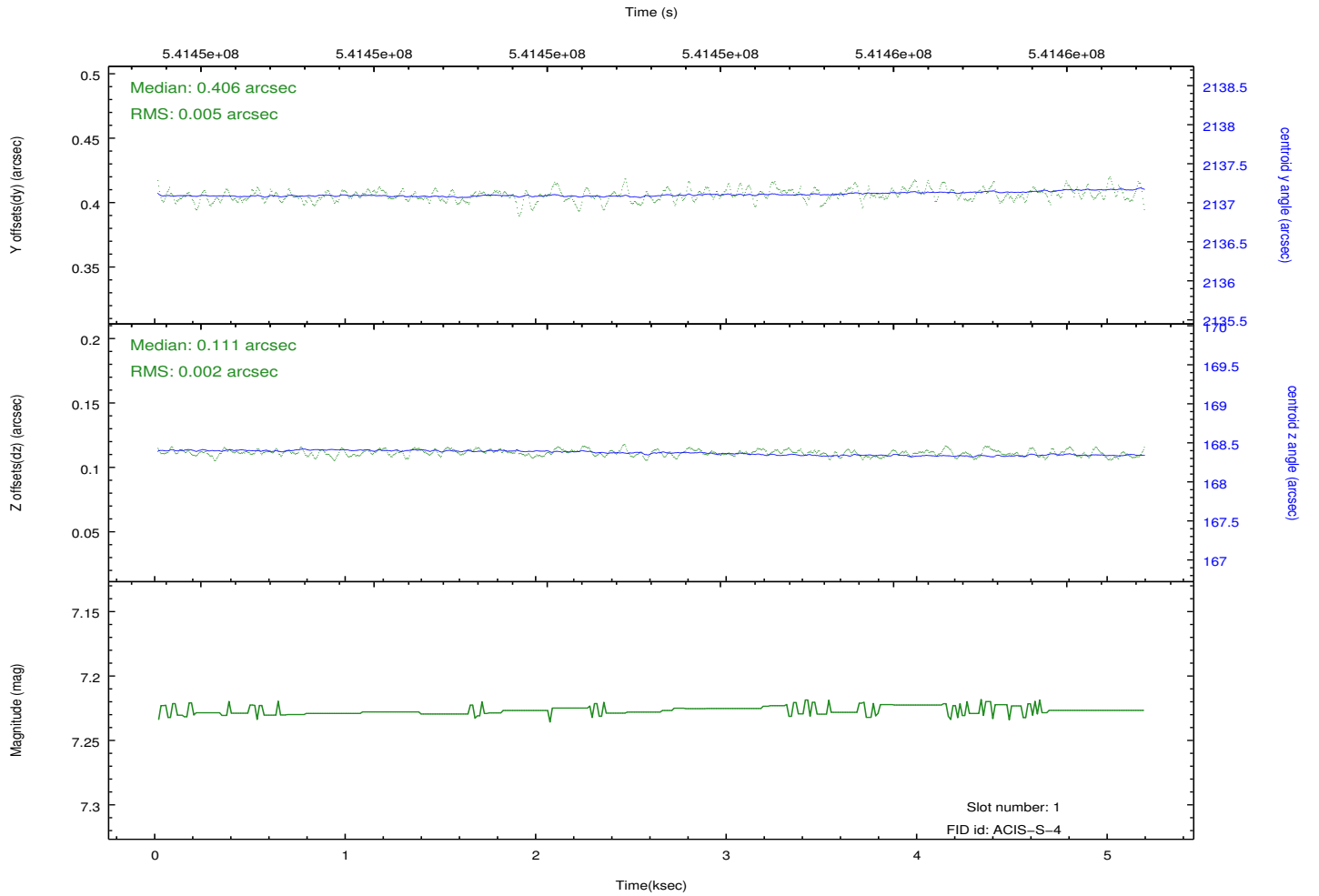
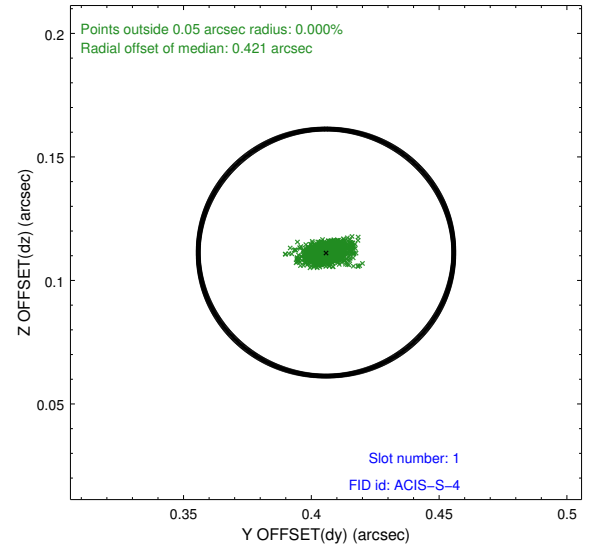
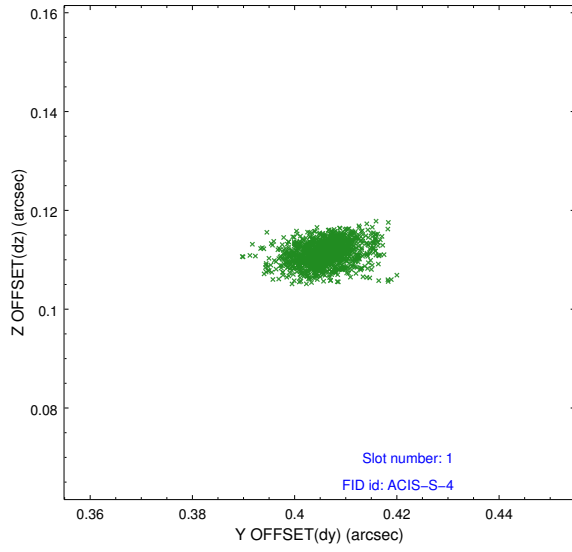


2.5 FID Slots

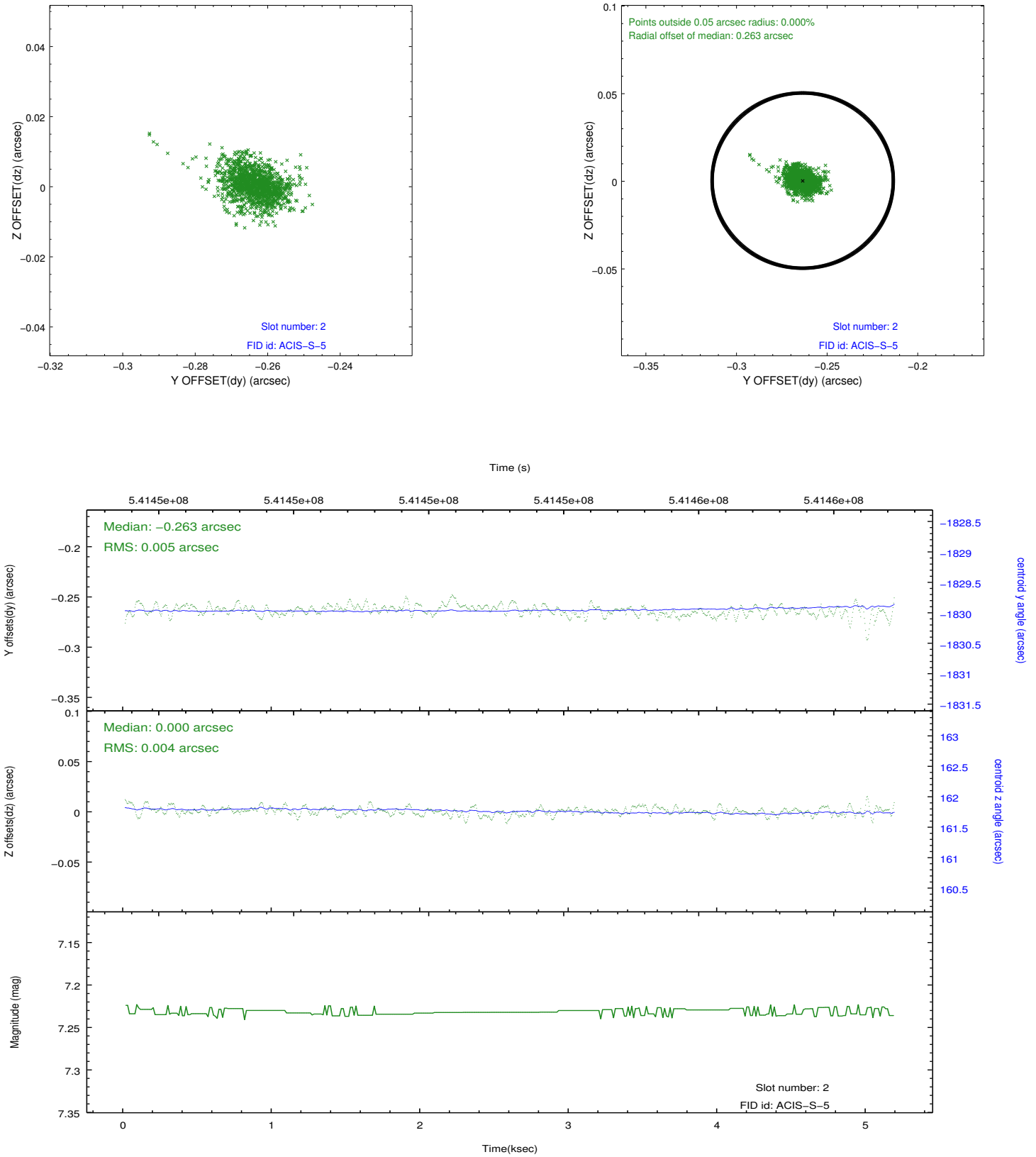
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0686802096367

A.2 Comments