

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 4778 - L2 Version 3
Chandra X-Ray Center

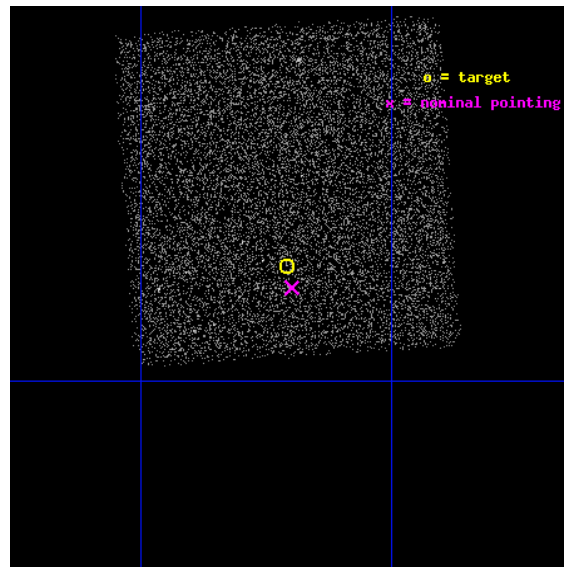
L2 Processing Date : Dec 6 2012

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1 Front

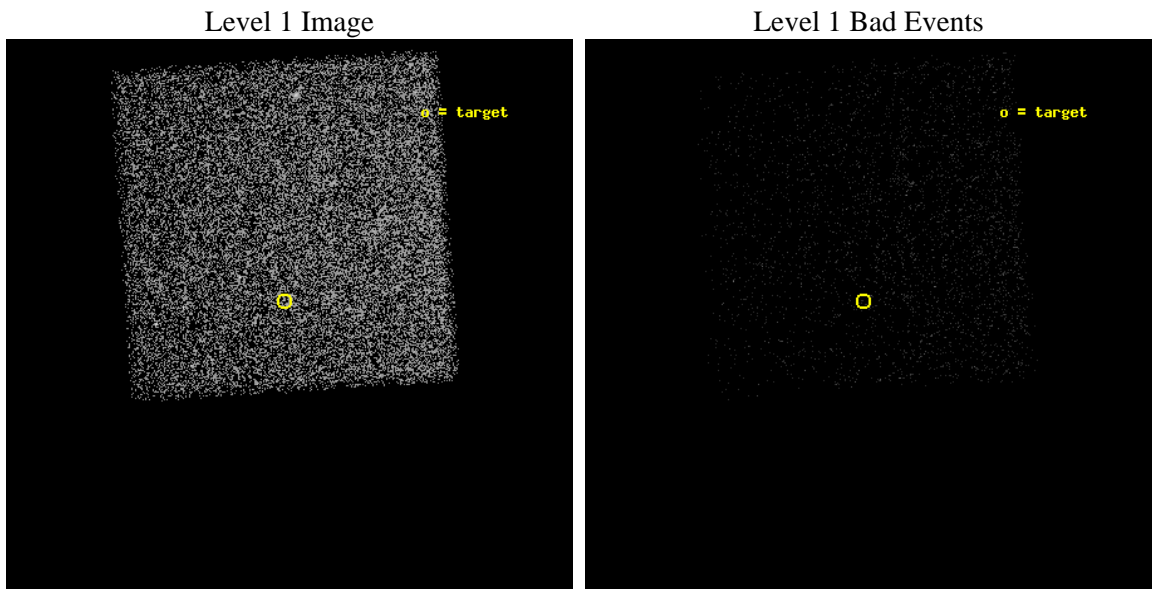
seq_num	700861	Sequence number
obs_id	4778	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1320-226	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.1775	Observer's specified target RA [deg]
dec_targ	29.049667	Observer's specified target Dec [deg]
ra_nom	201.17487328001	Nominal RA [deg]
dec_nom	29.040179956171	Nominal Dec [deg]
roll_nom	266.2142206514	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4146.0	Sum of GTIs [s]
livetime	4090.0481414253	Livetime [s]
ontime7	4146.0	Sum of GTIs [s]
l2events	15762	Number of level 2 events



2 OBI

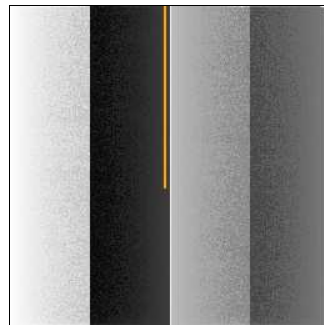
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	4146.0	Sum of GTIs [s]
caldbver	4.5.4	 	ontime7	4146.0	Sum of GTIs [s]
date	2012-12-06T23:01:34	Date and time of file creation	l1events	37903	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

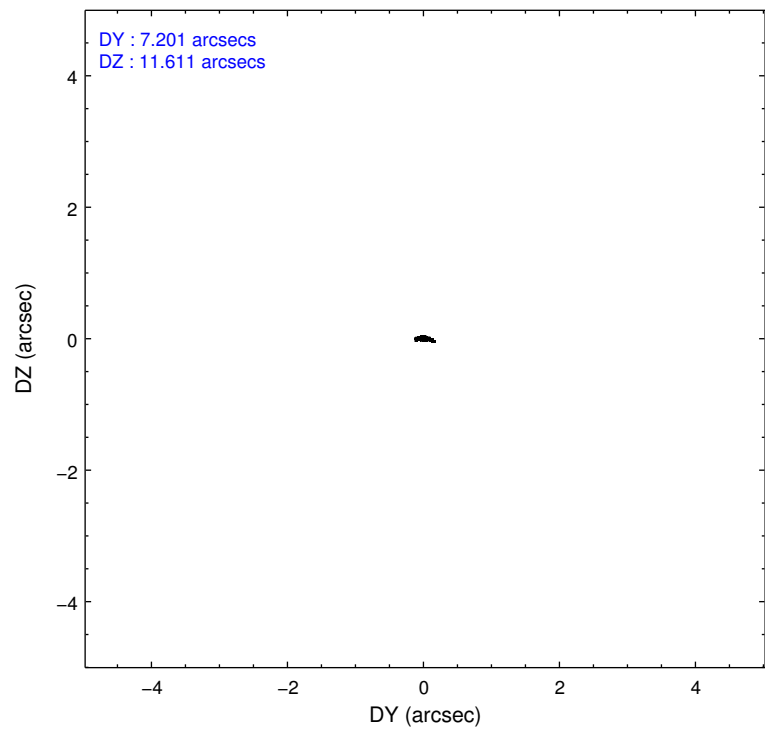
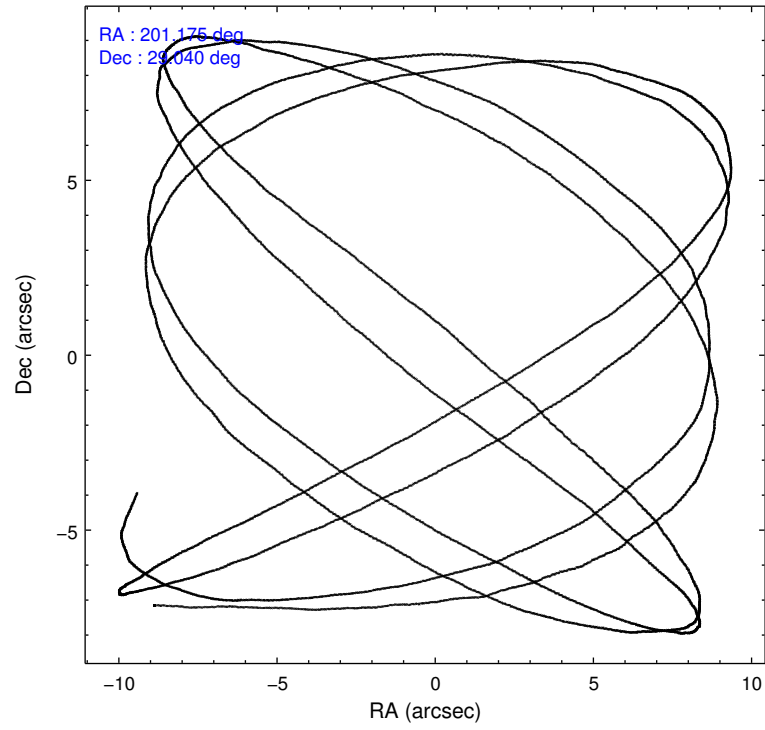
	ccd 7
level 1 events	37903
rejected events	21751
rejected %	57%

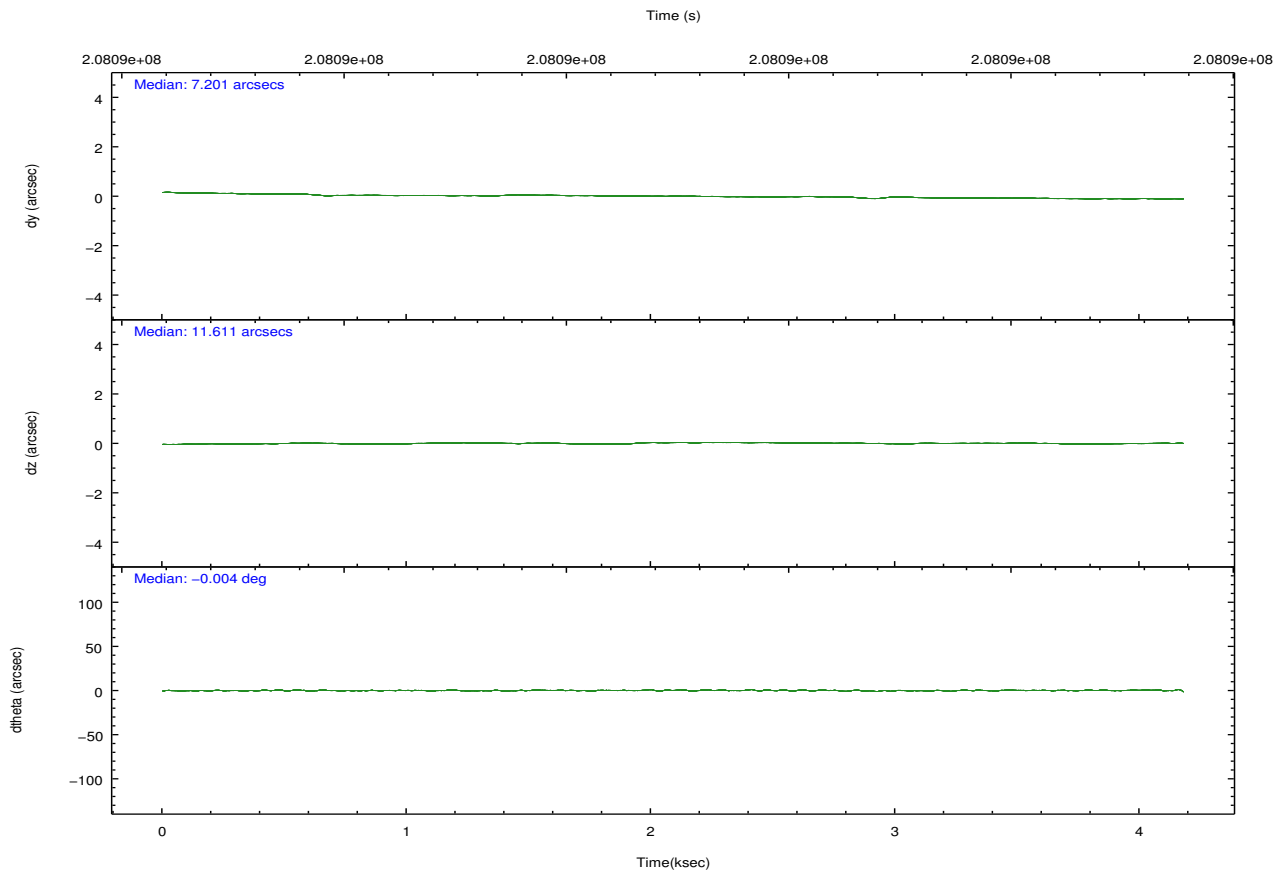
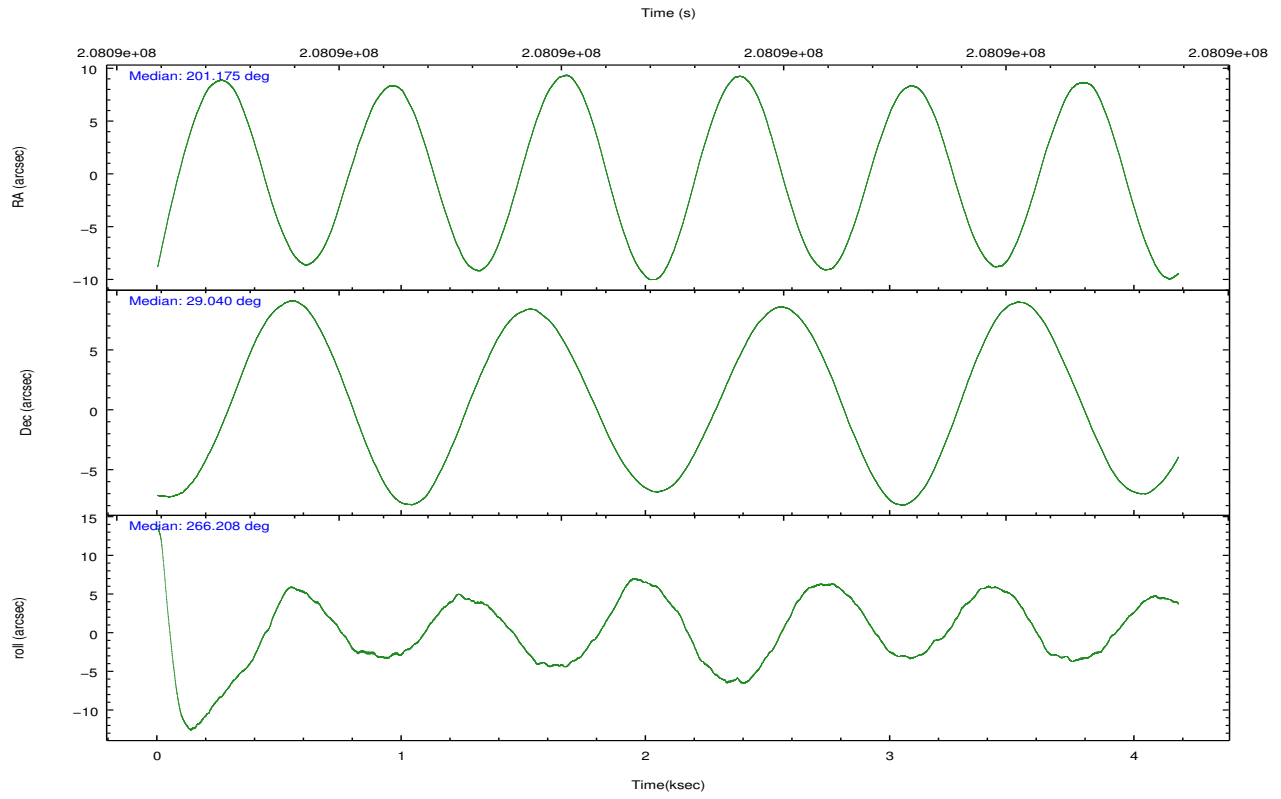
	ccd 7
grade 0 events	1516
	3%
grade 1 events	30
	0%
grade 2 events	3201
	8%
grade 3 events	1459
	3%
grade 4 events	1422
	3%
grade 5 events	3746
	9%
grade 6 events	8579
	22%
grade 7 events	17950
	47%

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	201.160701	201.1748732800104	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.064540	29.04017995617061	Alternating exposures requested	N	N
[deg] Pointing Roll	266.064479	266.214220651401	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	208087575.184000	208086862.61231			
Observation start date	2004-08-05T10:05:11	2004-08-05T09:54:22			
[s] Observation end time (MET)	208091575.184000	208092343.28756			
Observation end date	2004-08-05T11:11:51	2004-08-05T11:25:43			
Read mode	TIMED	TIMED			

2.3 Aspect



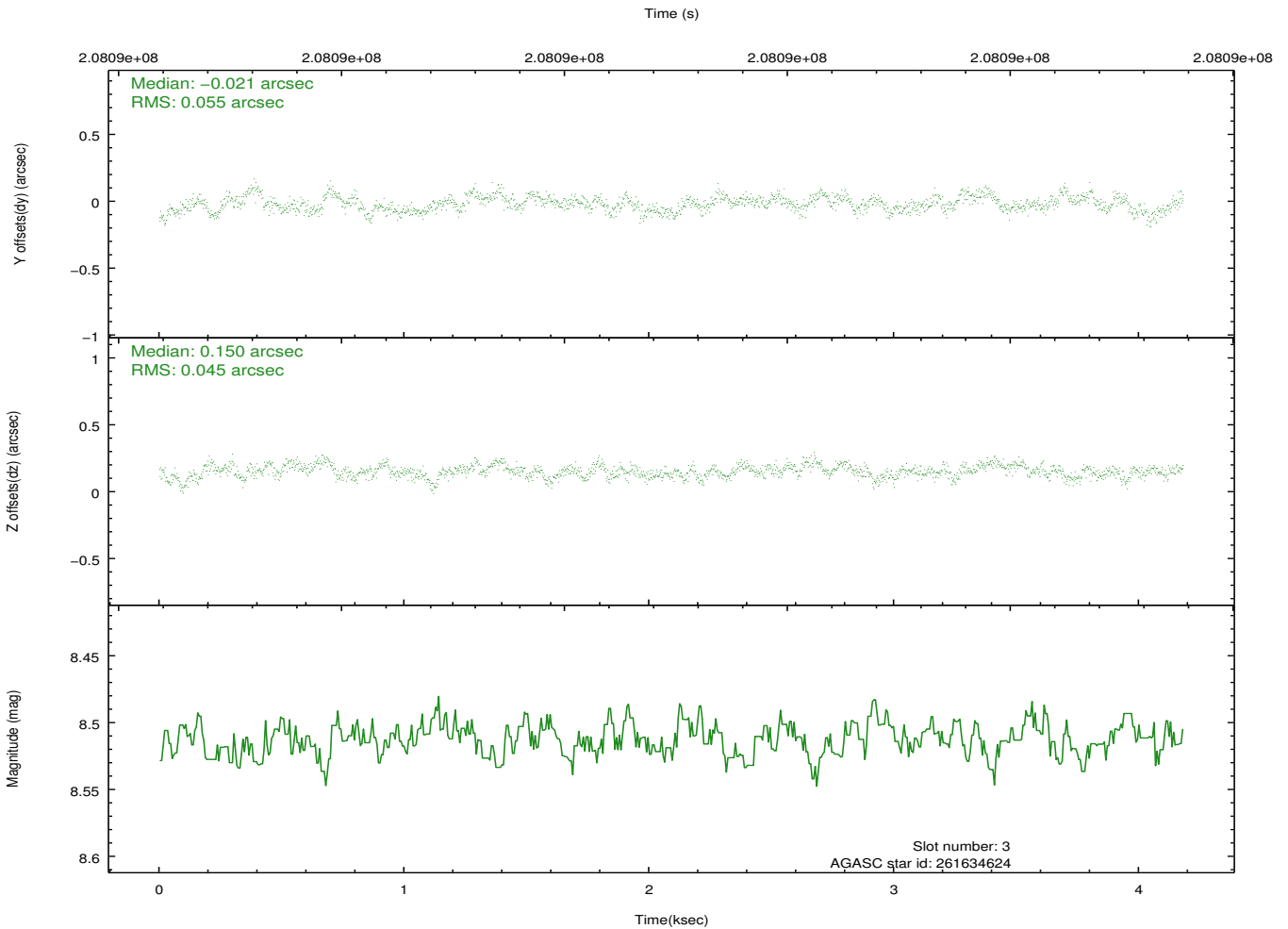
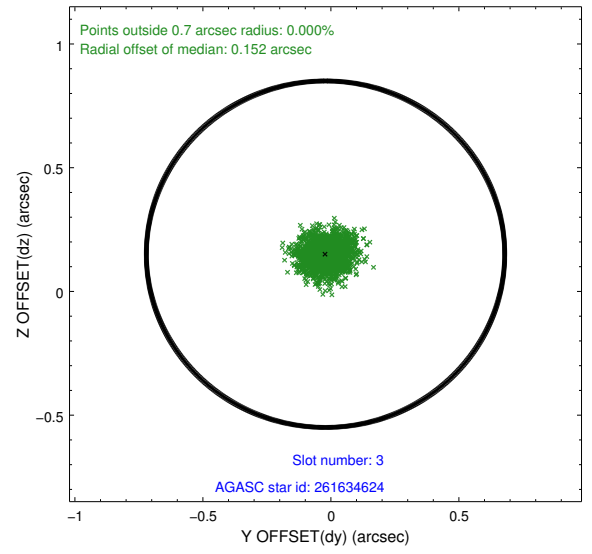
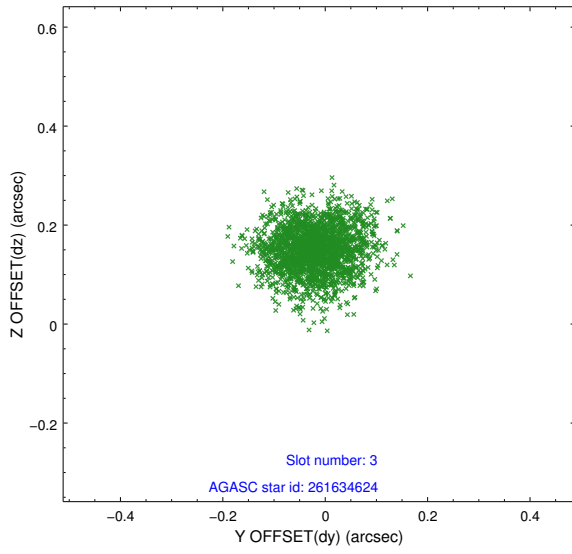


Slot Statistics

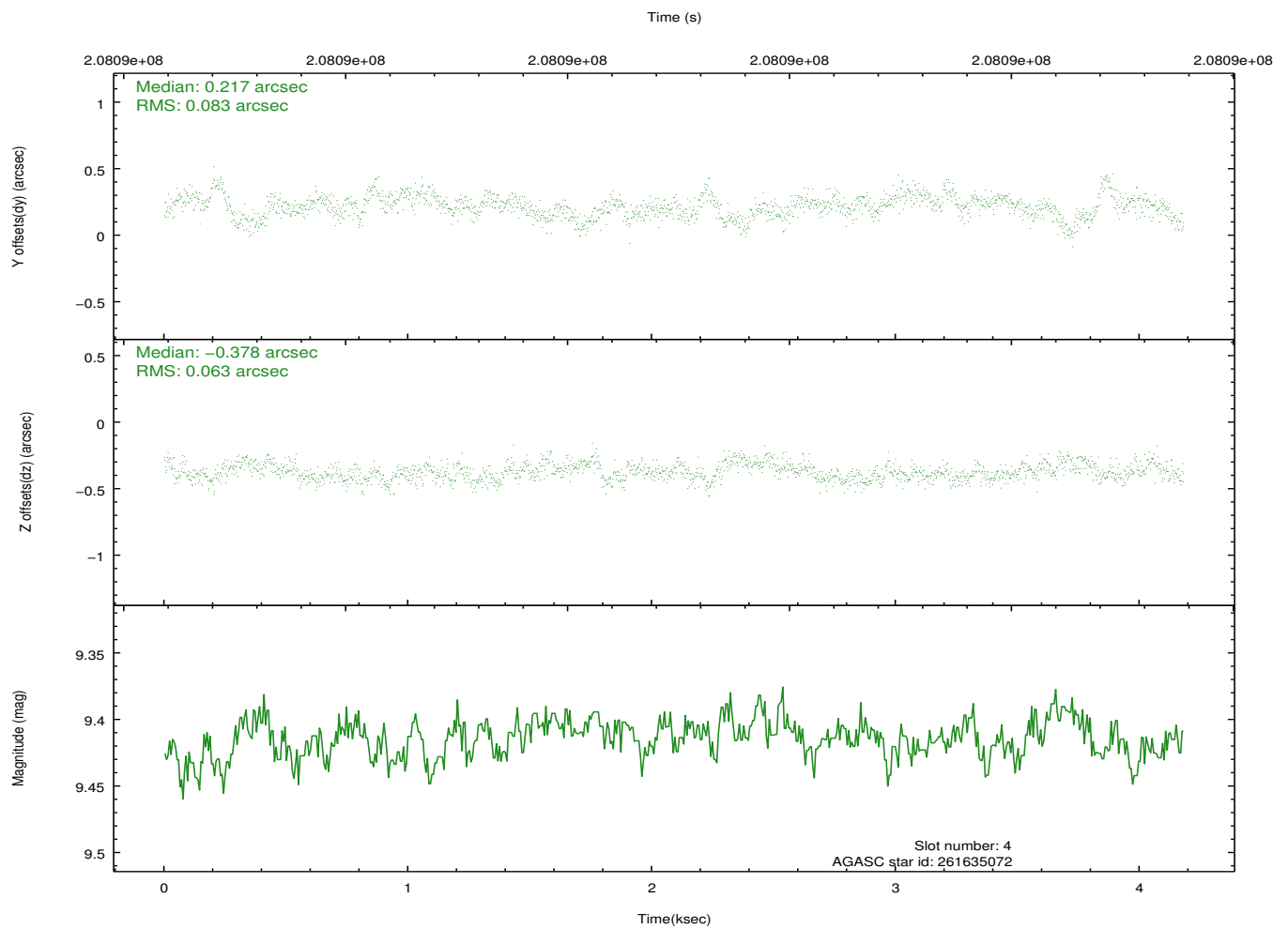
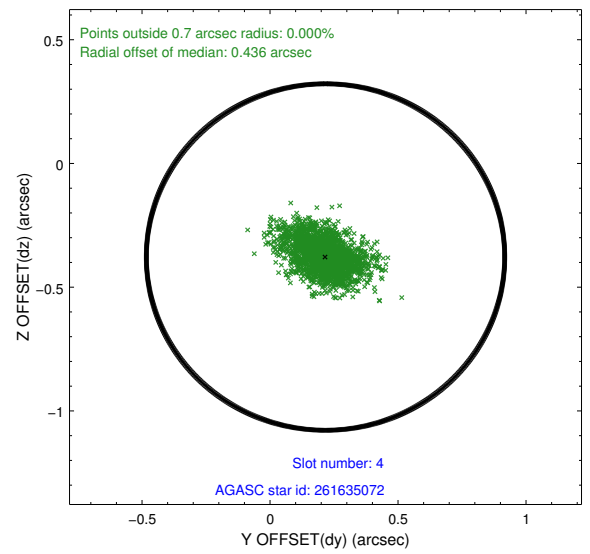
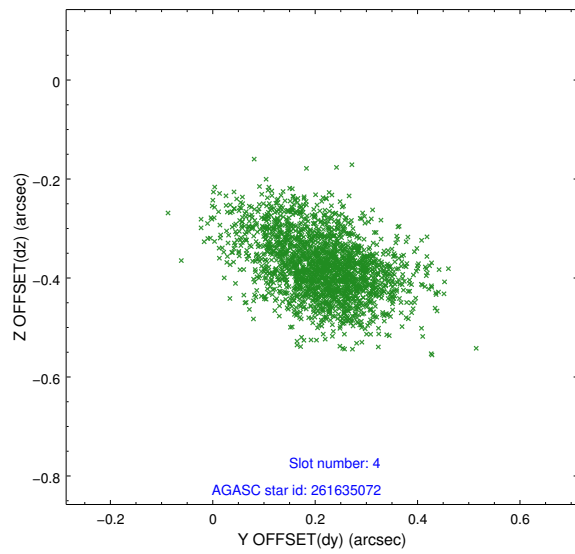
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1020	-0.028	-0.010	0.007	0.012	0.000000	0.000000	-759.97	-1732.91
1	FID	ACIS-S-4	7.20	1020	0.053	0.016	0.006	0.011	0.000000	0.000000	2152.70	174.07
2	FID	ACIS-S-5	7.23	1020	-0.056	0.003	0.008	0.014	0.000000	0.000000	-1810.94	169.40
3	GUIDE	261634624	8.51	2040	-0.021	0.150	0.076	0.123	200.748061	28.522128	2035.57	-1168.02
4	GUIDE	261635072	9.41	2039	0.217	-0.378	0.108	0.189	200.638913	28.520080	2066.52	-1513.14
5	GUIDE	261635280	9.42	2039	0.041	-0.048	0.100	0.165	200.698979	28.862615	823.59	-1403.40
6	GUIDE	262538384	10.08	2038	-0.023	0.155	0.146	0.257	201.107455	29.696999	-2259.67	-323.23
7	GUIDE	262541040	8.12	2039	-0.204	0.128	0.079	0.125	201.795177	28.874292	539.10	2041.94

2.4 Star Slots

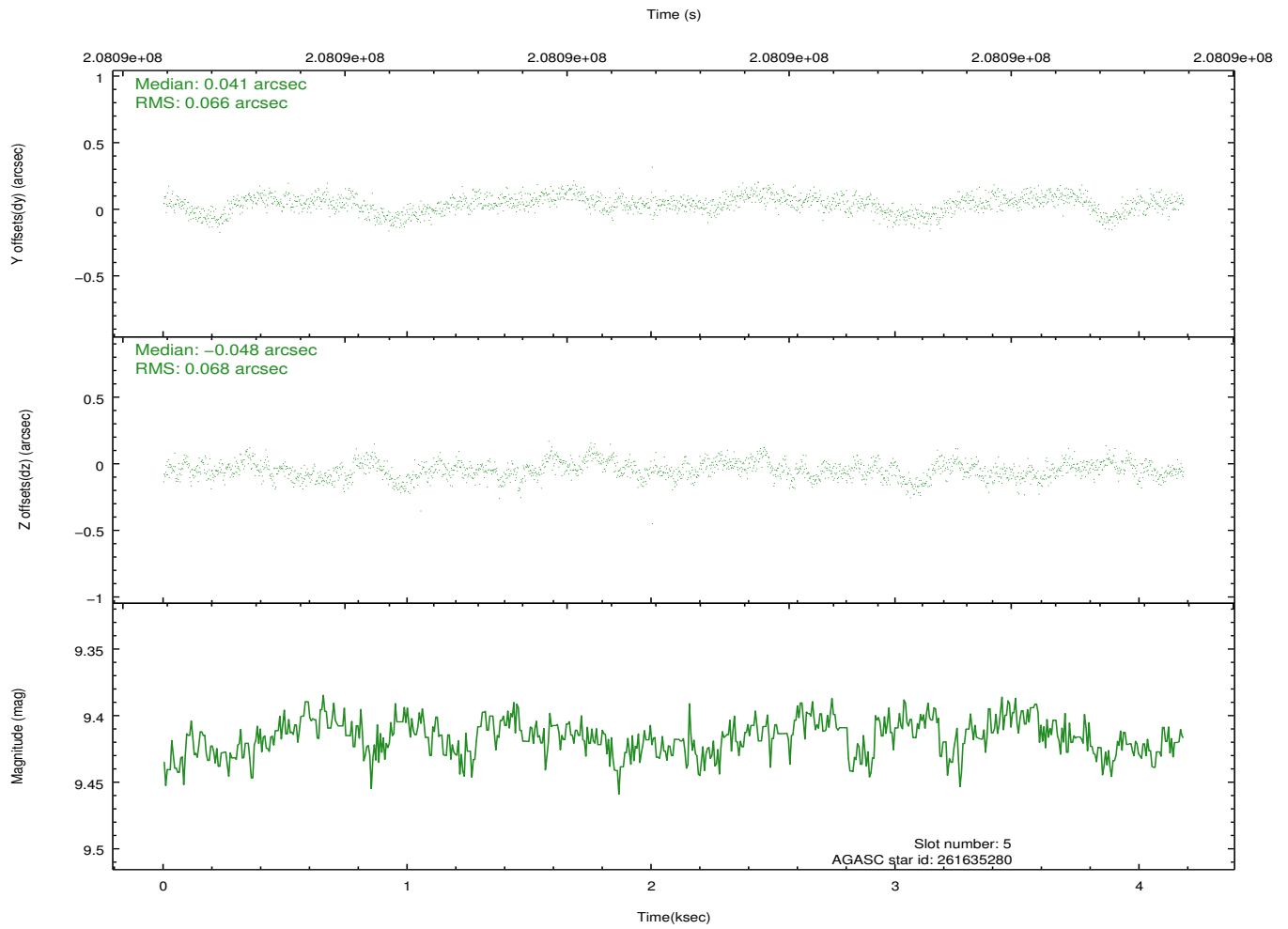
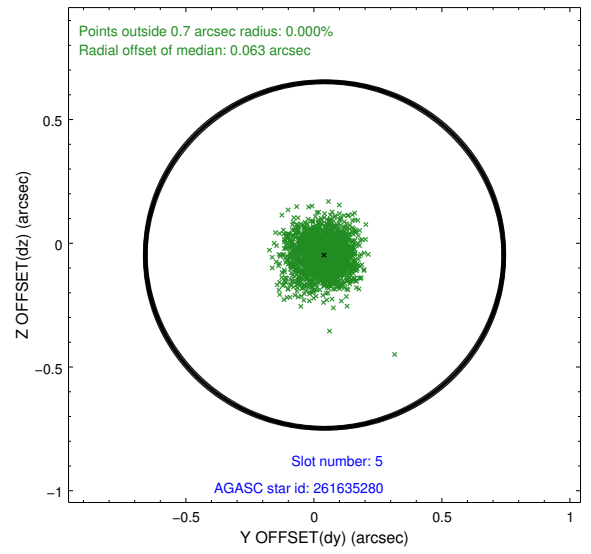
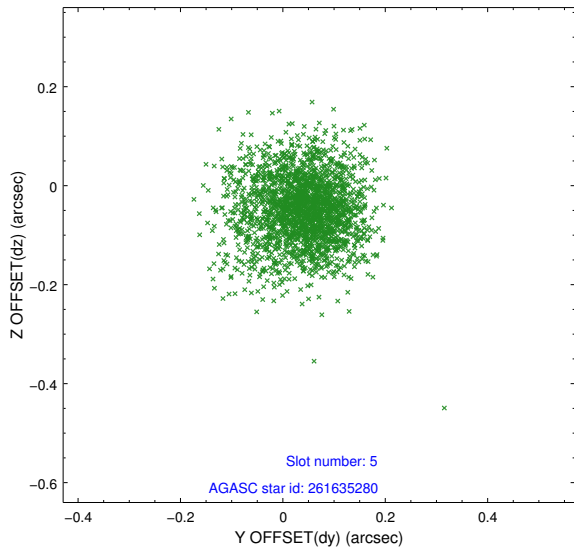
2.4.1 Slot 3



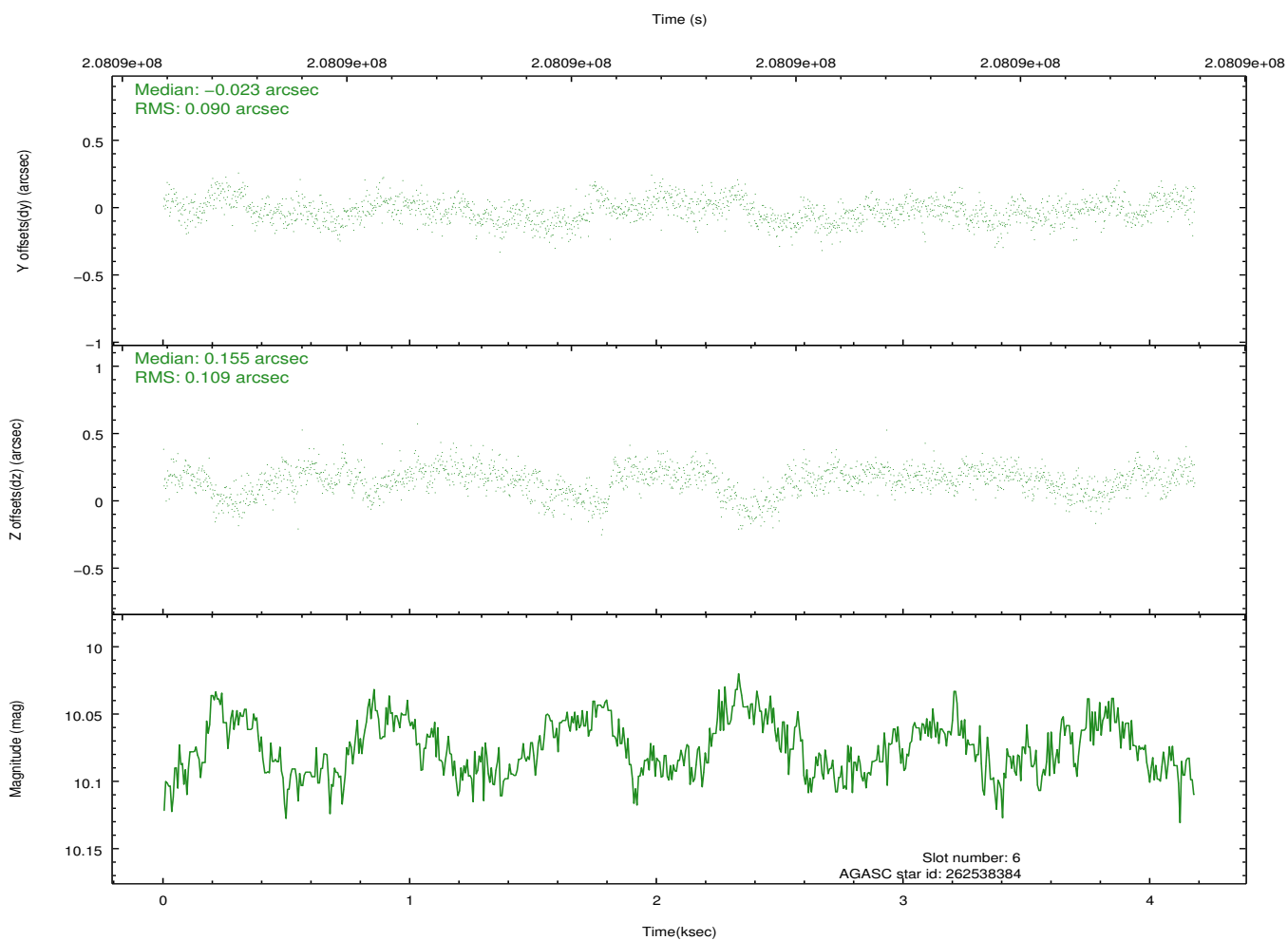
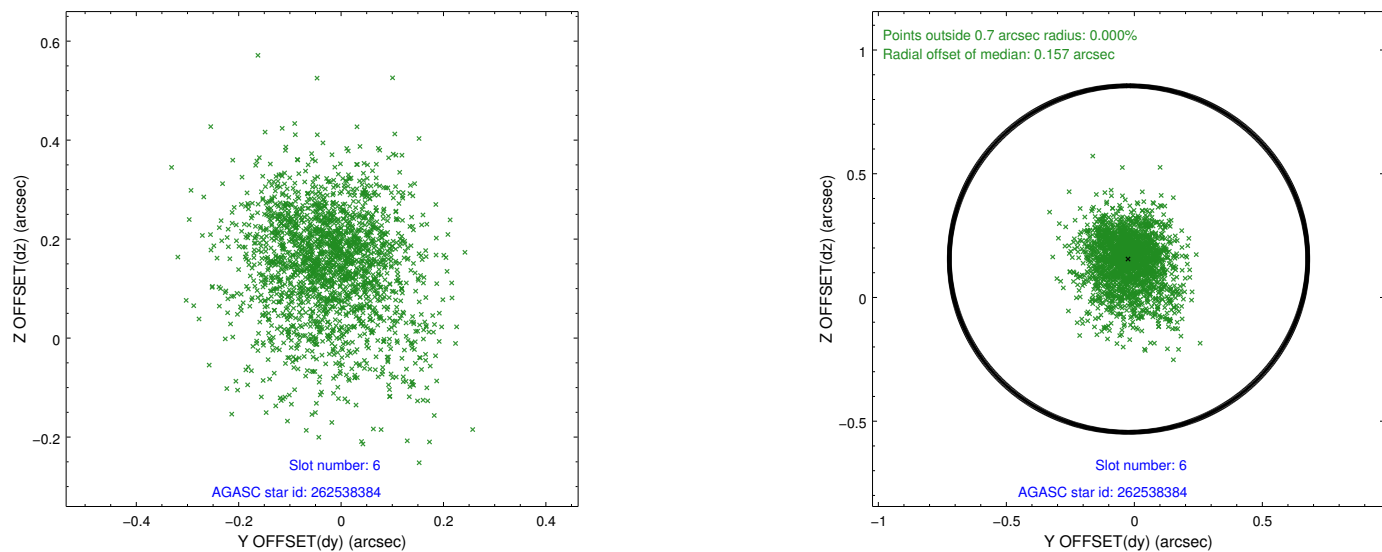
2.4.2 Slot 4



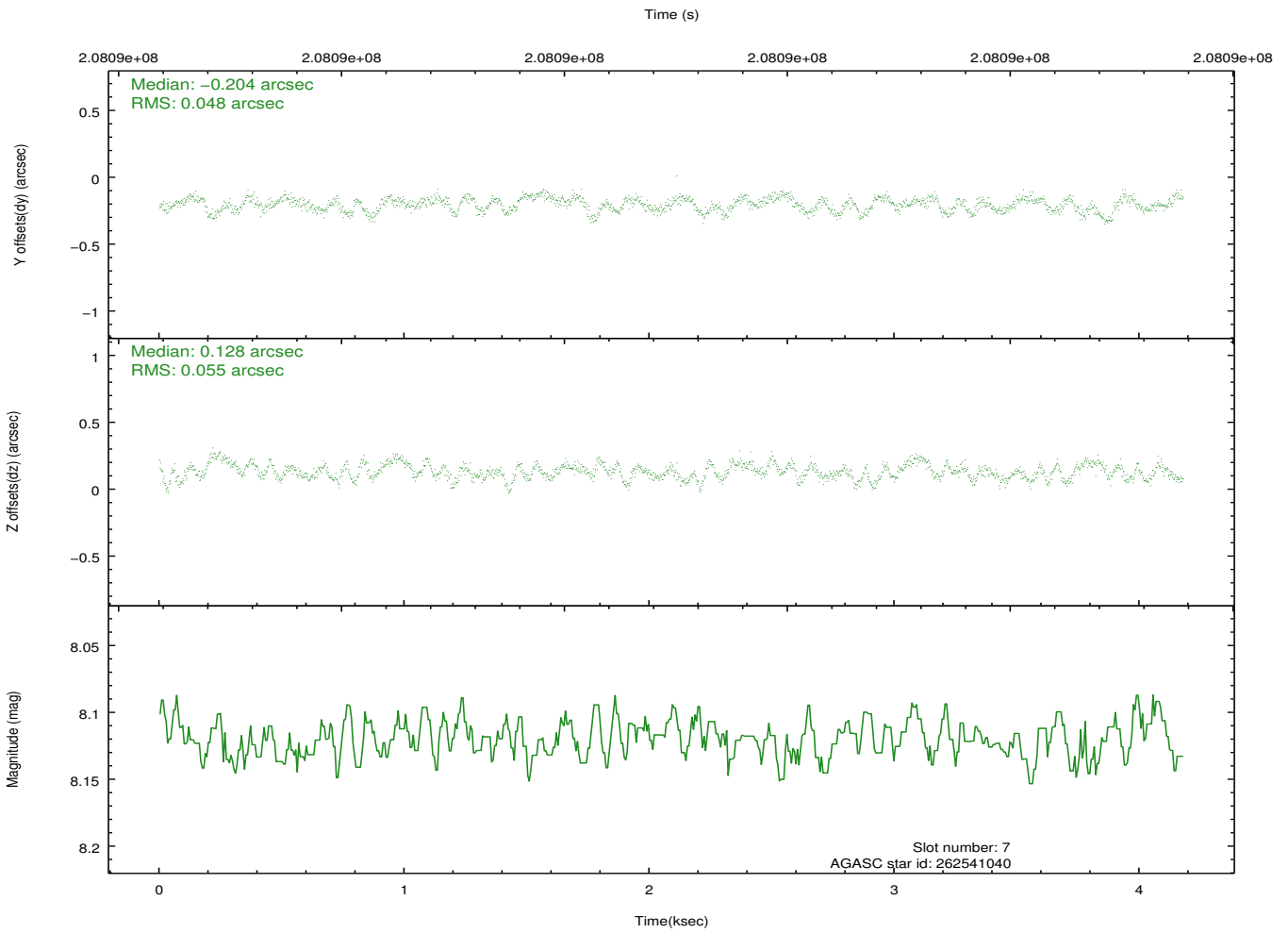
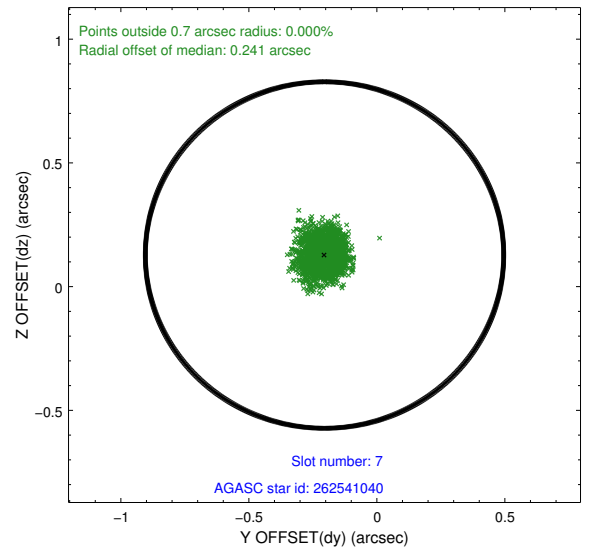
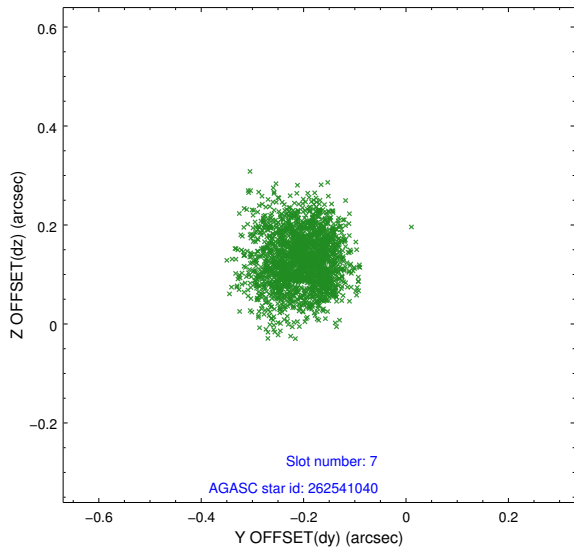
2.4.3 Slot 5



2.4.4 Slot 6

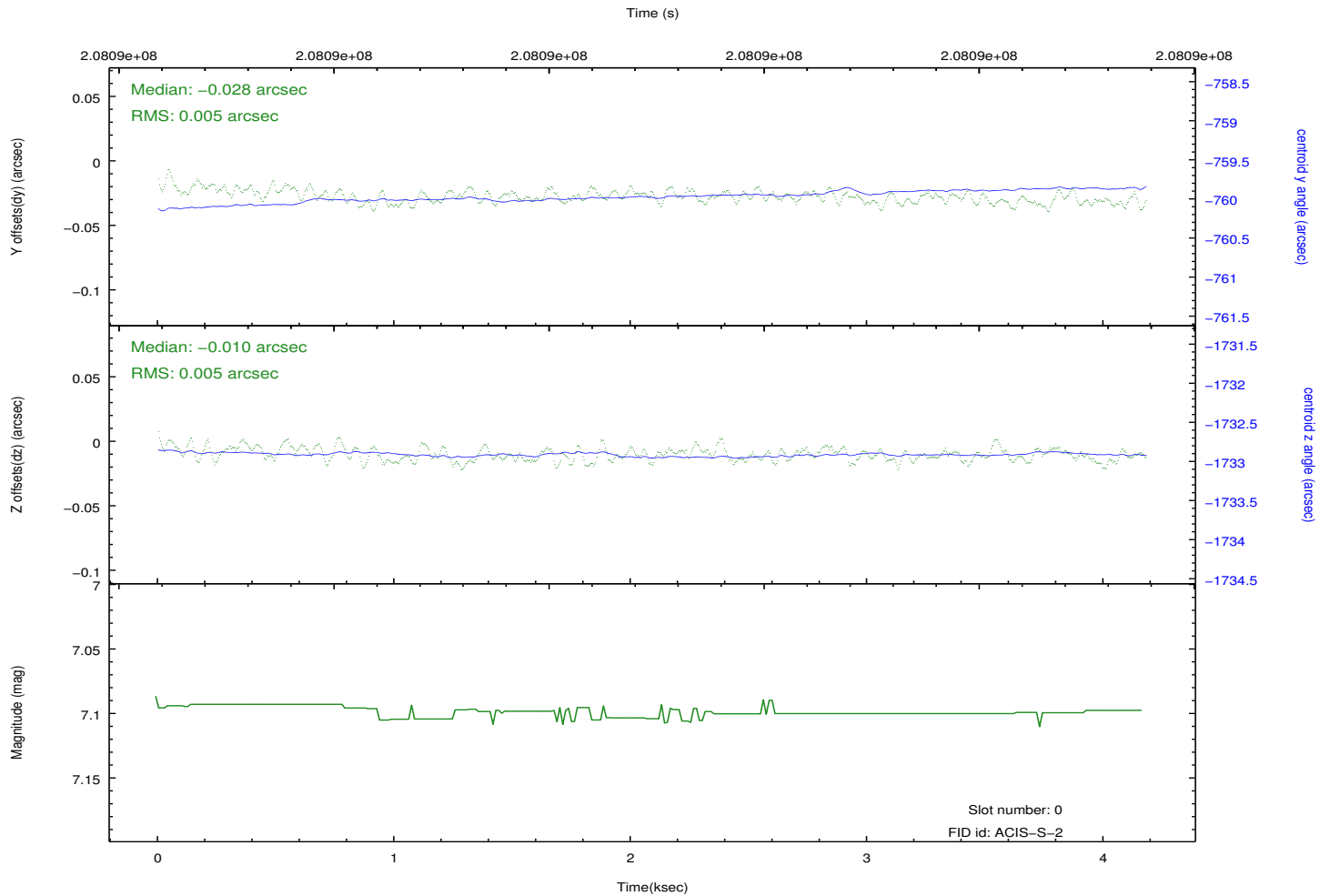
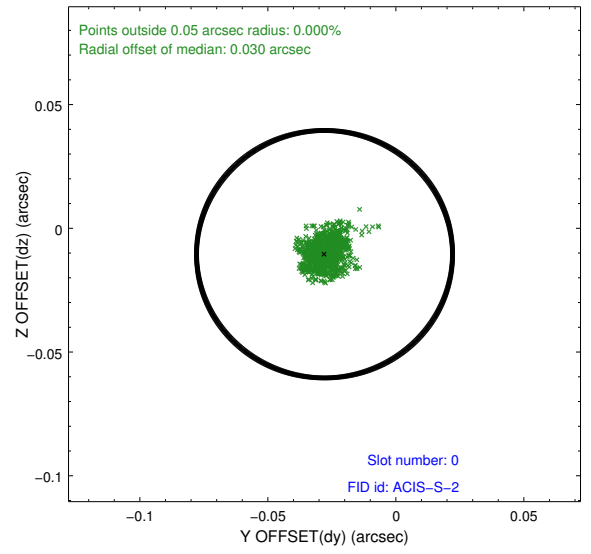
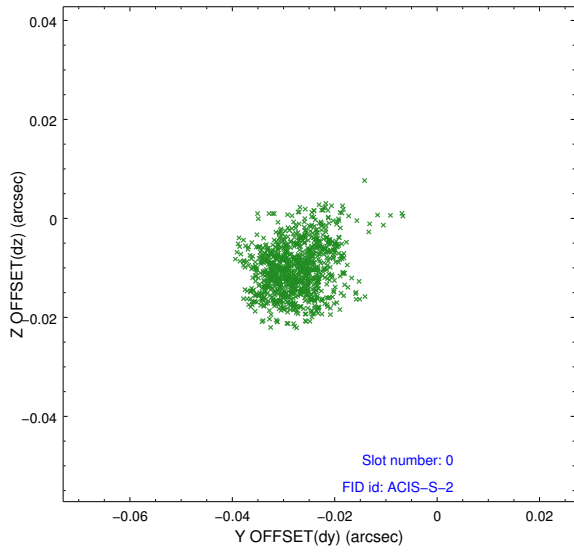


2.4.5 Slot 7

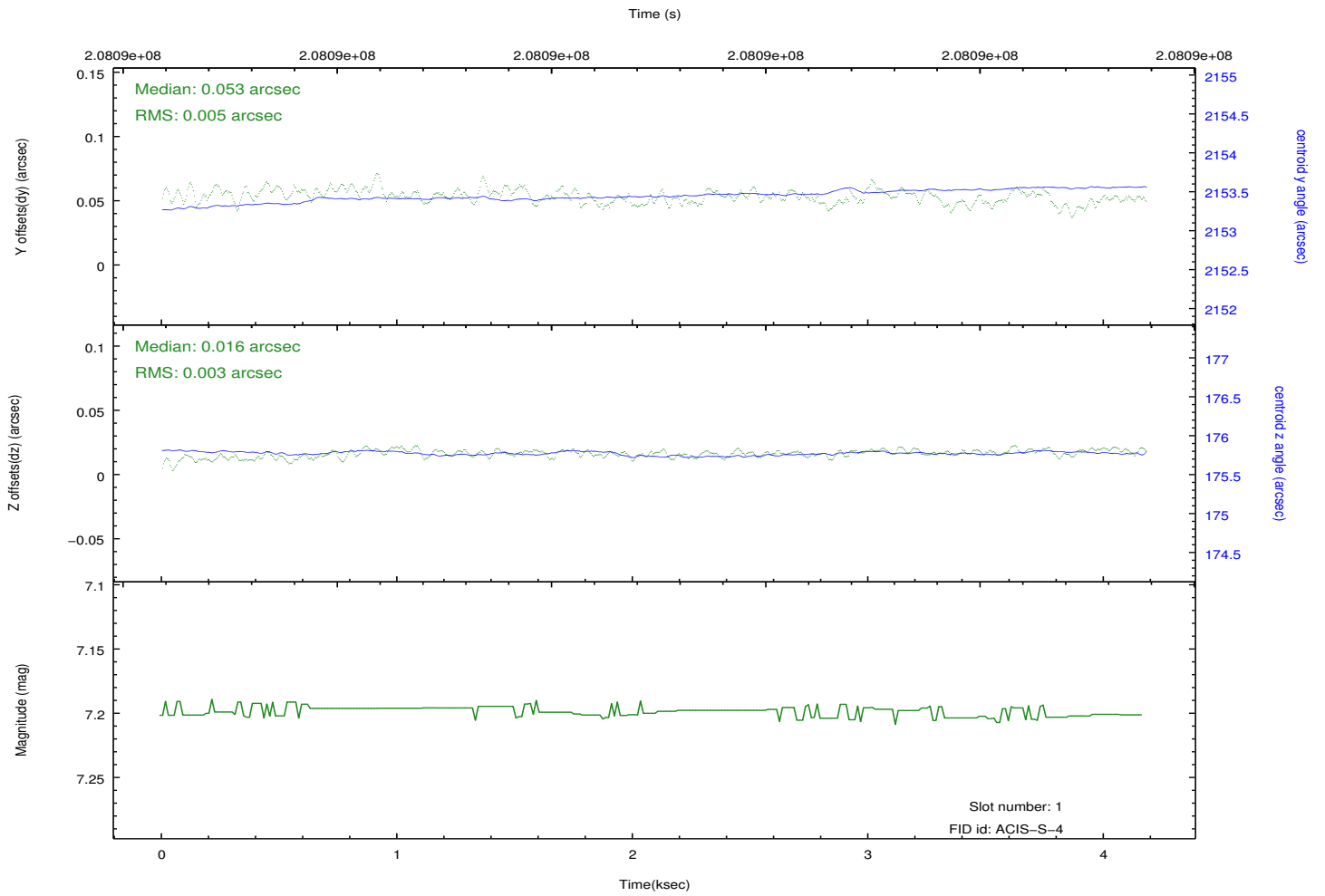
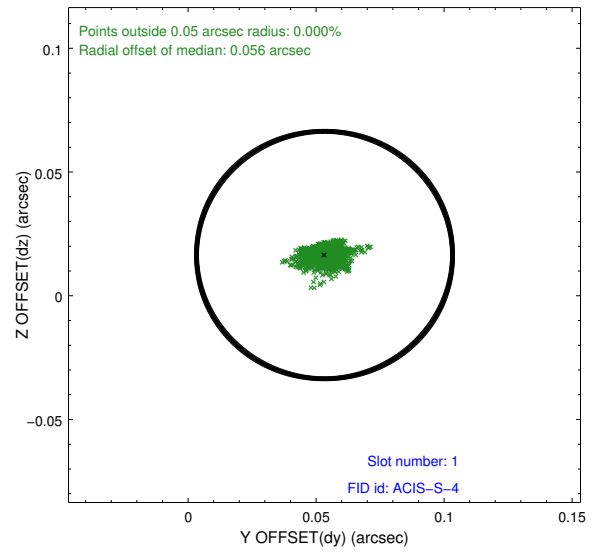
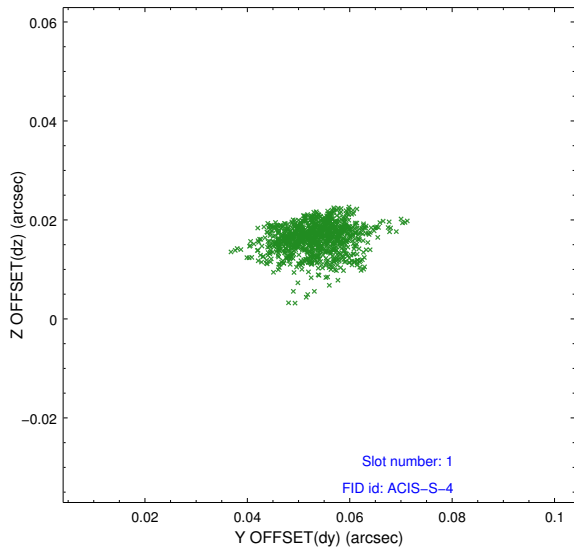


2.5 FID Slots

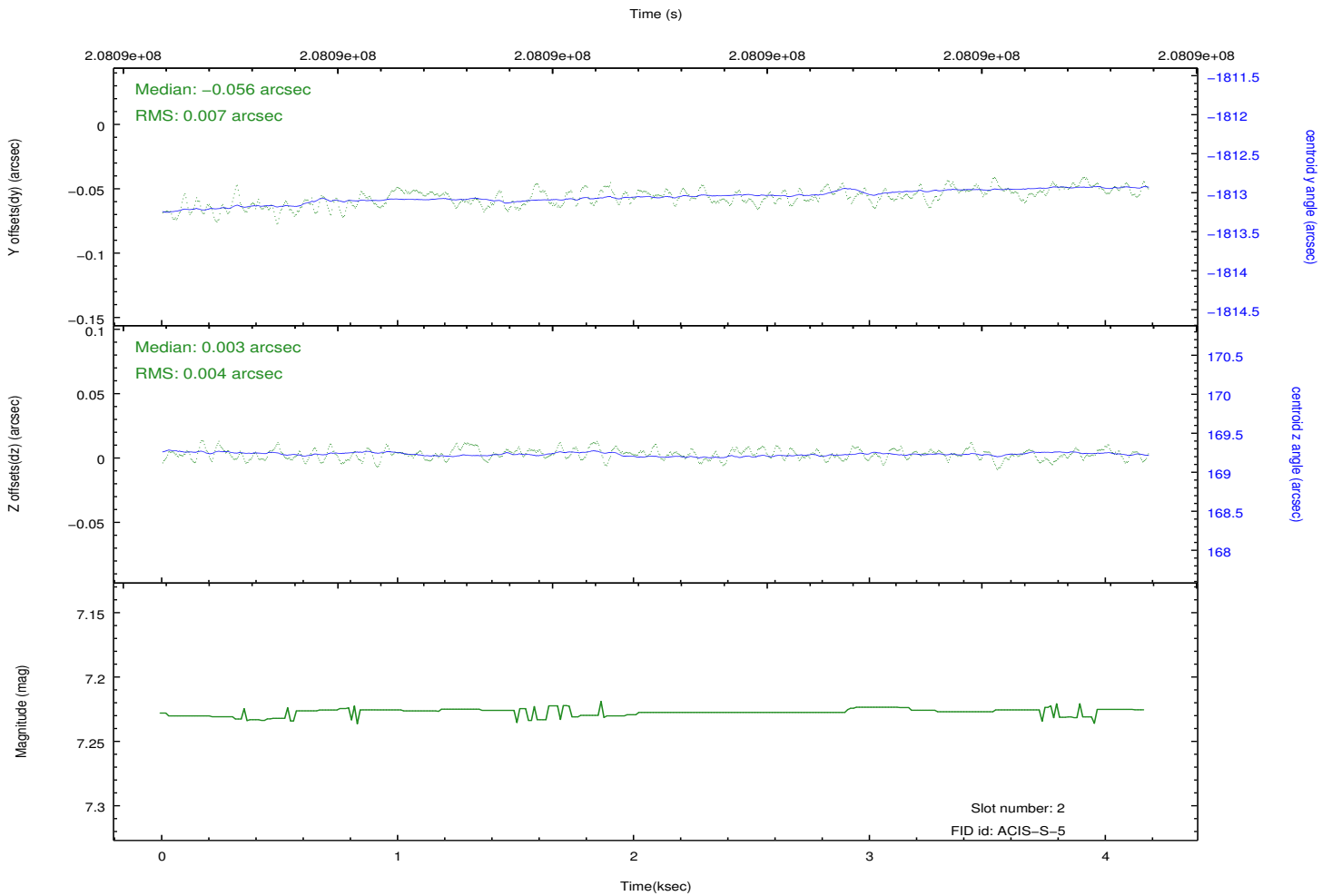
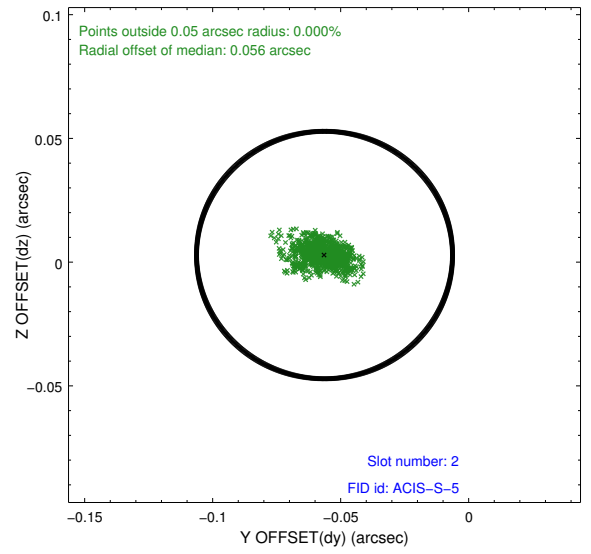
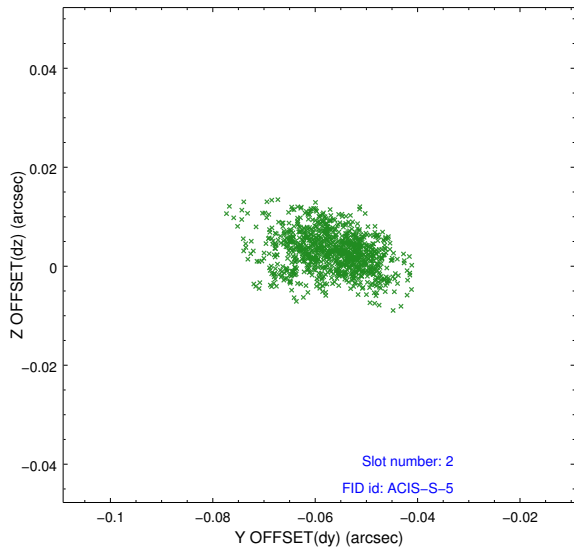
2.5.1 Slot 0



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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.146

A.2 Comments