

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7383 - L2 Version 2
Chandra X-Ray Center

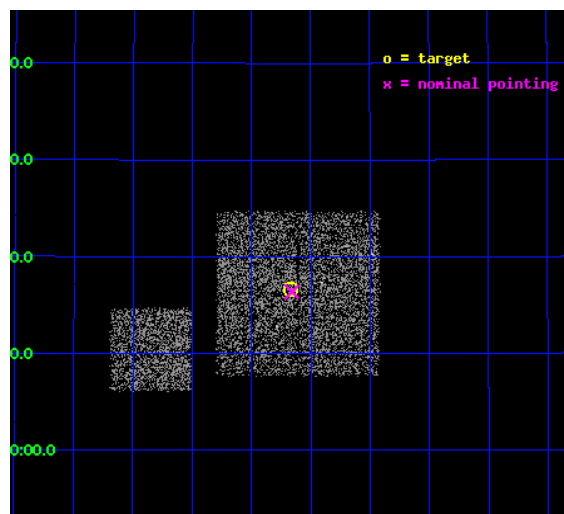
L2 Processing Date : Apr 7 2012

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1 Front

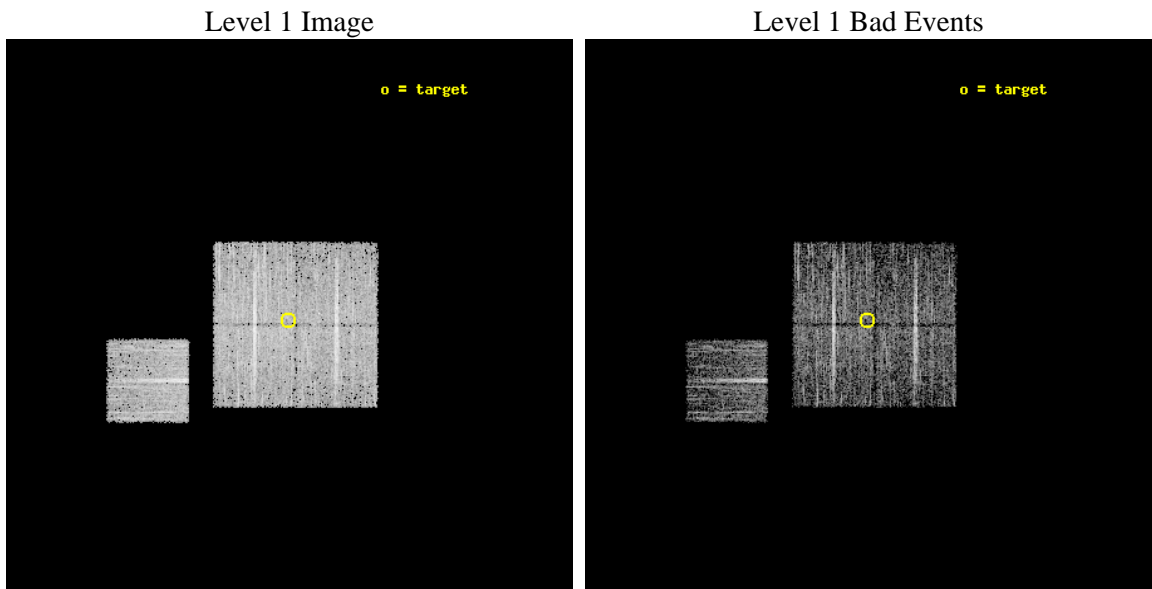
seq_num	900480	Sequence number
obs_id	7383	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 26	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.66705	Observer's specified target RA [deg]
dec_targ	34.277447	Observer's specified target Dec [deg]
ra_nom	218.66482290666	Nominal RA [deg]
dec_nom	34.273072841122	Nominal Dec [deg]
roll_nom	270.20990820733	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4469.1074151993	Sum of GTIs [s]
livetime	4410.7152367107	Livetime [s]
ontime0	4472.1252655983	Sum of GTIs [s]
ontime1	4472.1663056016	Sum of GTIs [s]
ontime2	4472.2073456049	Sum of GTIs [s]
ontime3	4469.1074151993	Sum of GTIs [s]
ontime6	4472.084225595	Sum of GTIs [s]
l2events	11705	Number of level 2 events



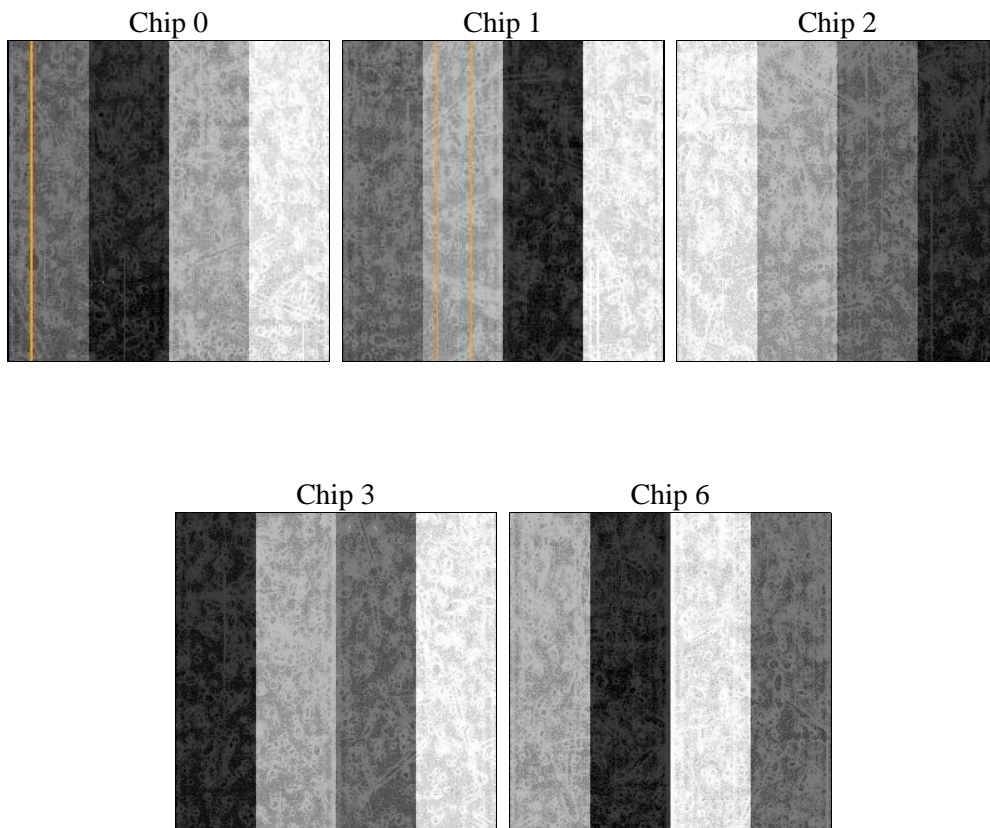
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4469.1074151993	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	4472.1252655983	Sum of GTIs [s]
date	2012-04-07T12:56:03	Date and time of file creation	ontime1	4472.1663056016	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4472.2073456049	Sum of GTIs [s]
			ontime3	4469.1074151993	Sum of GTIs [s]
			ontime6	4472.084225595	Sum of GTIs [s]
			l1events	145845	Number of level 1 events

2.1.4 Events

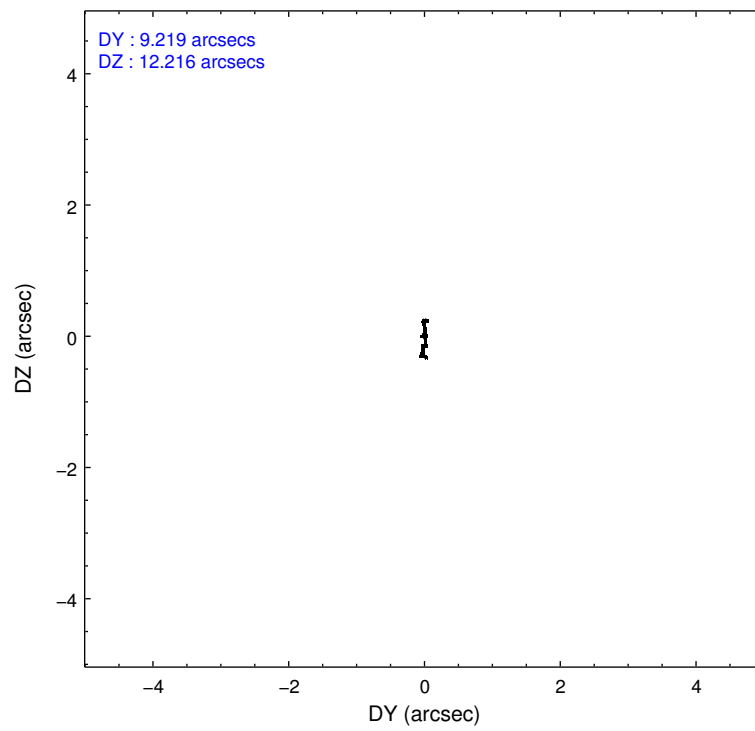
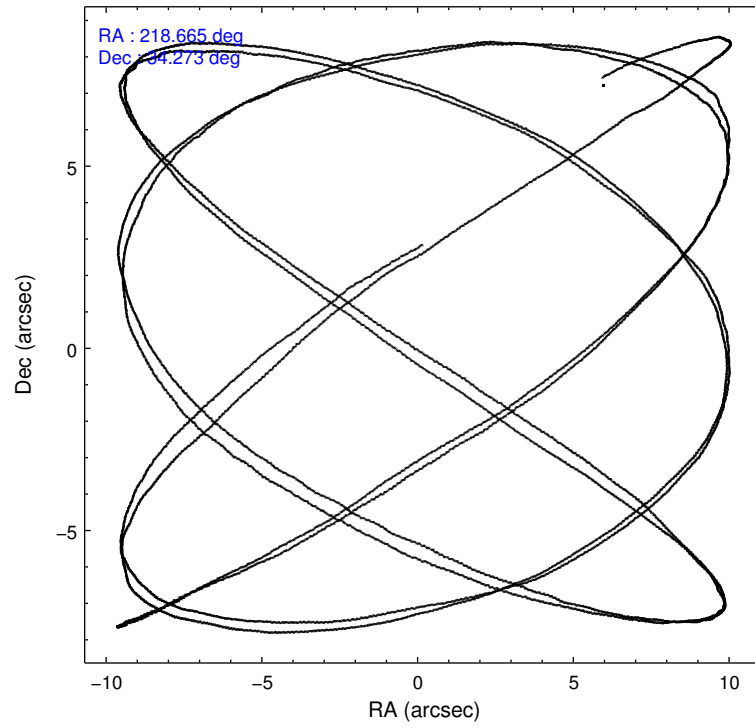
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	27904	26120	30786	31919	29116
rejected events	25045	23147	28021	29205	26074
rejected %	89%	88%	91%	91%	89%

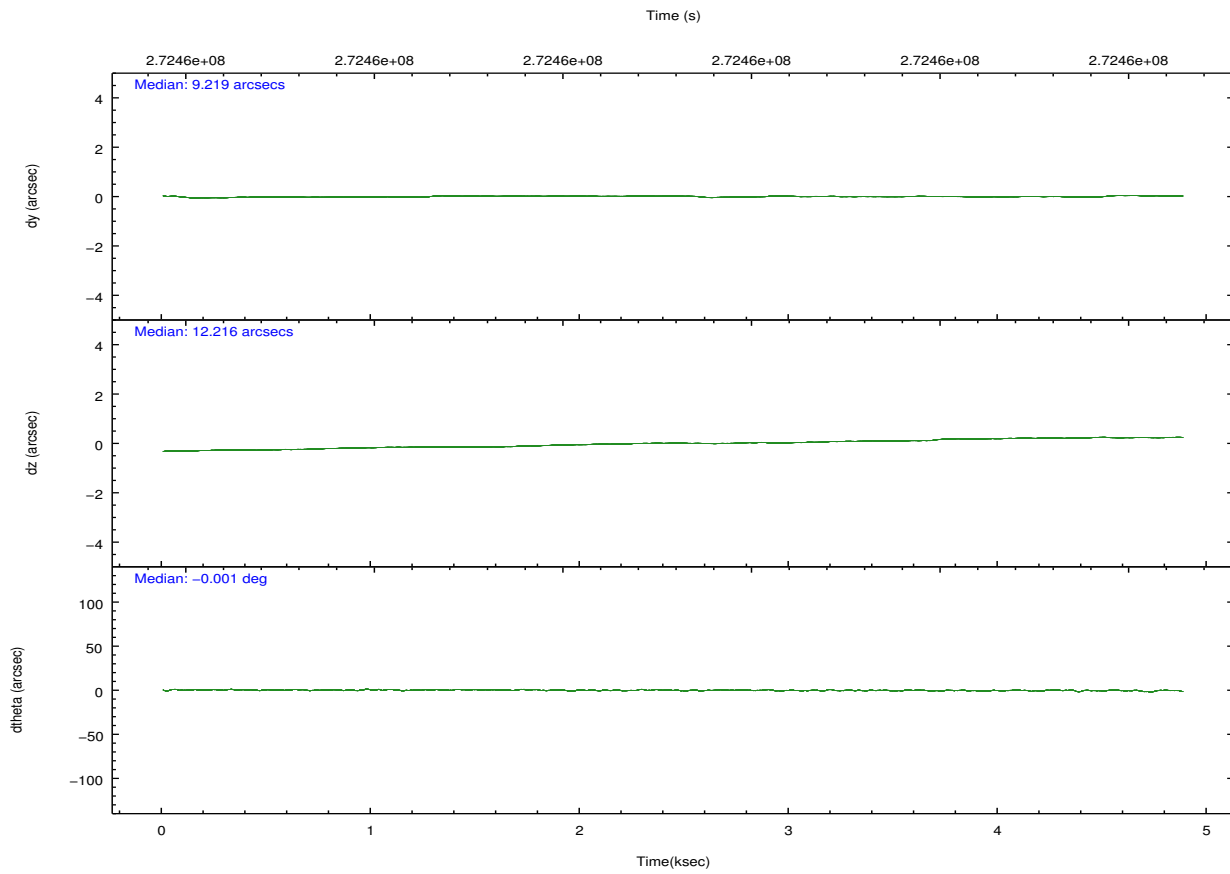
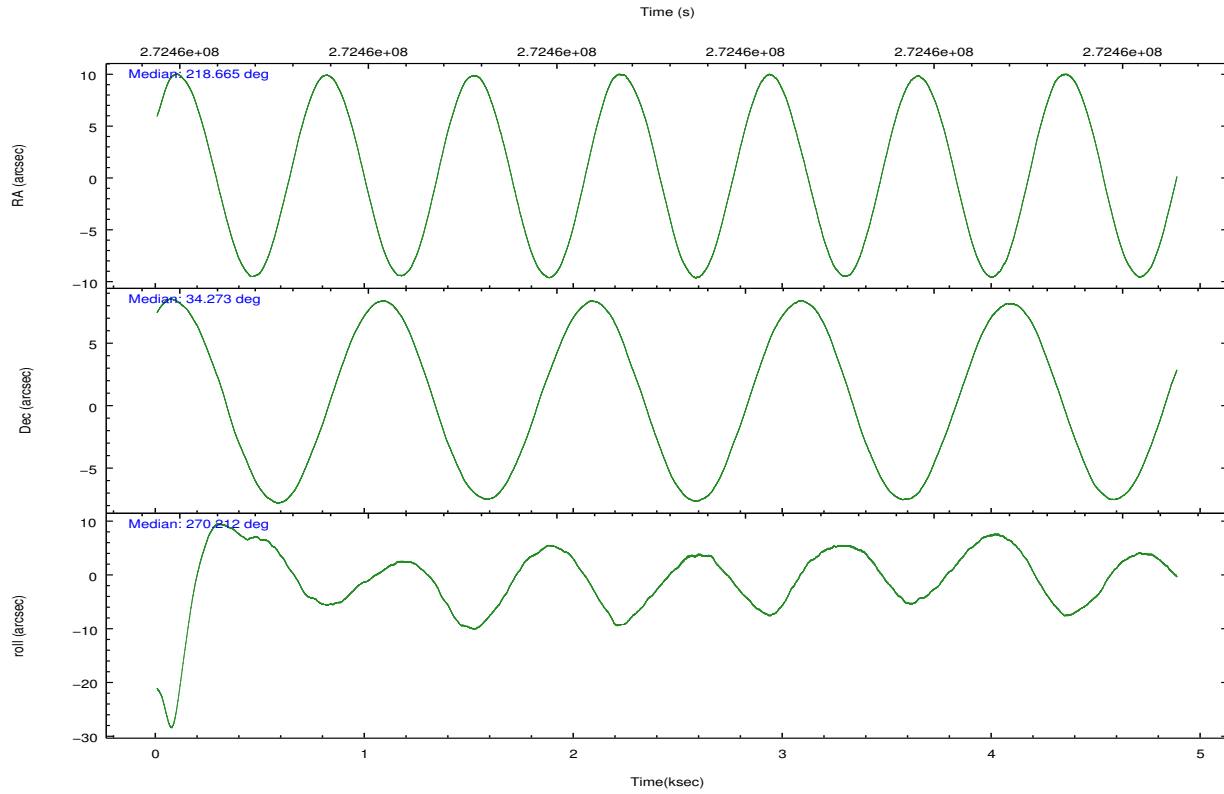
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1033	1031	1023	986	1078
	3%	3%	3%	3%	3%
grade 1 events	18	11	6	14	11
	0%	0%	0%	0%	0%
grade 2 events	702	638	647	600	642
	2%	2%	2%	1%	2%
grade 3 events	340	327	301	286	340
	1%	1%	0%	0%	1%
grade 4 events	291	370	292	325	344
	1%	1%	0%	1%	1%
grade 5 events	793	927	762	955	947
	2%	3%	2%	2%	3%
grade 6 events	496	616	503	518	639
	1%	2%	1%	1%	2%
grade 7 events	24231	22200	27252	28235	25115
	86%	84%	88%	88%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	218.648034	218.6648229066612	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.296734	34.27307284112179	Alternating exposures requested	N	N
[deg] Pointing Roll	270.010689	270.2099082073262	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	272459326.184000	272458950.41092			
Observation start date	2006-08-20T11:07:41	2006-08-20T11:02:30			
[s] Observation end time (MET)	272464026.184000	272464160.48616			
Observation end date	2006-08-20T12:26:01	2006-08-20T12:29:20			
Read mode	TIMED	TIMED			

2.3 Aspect



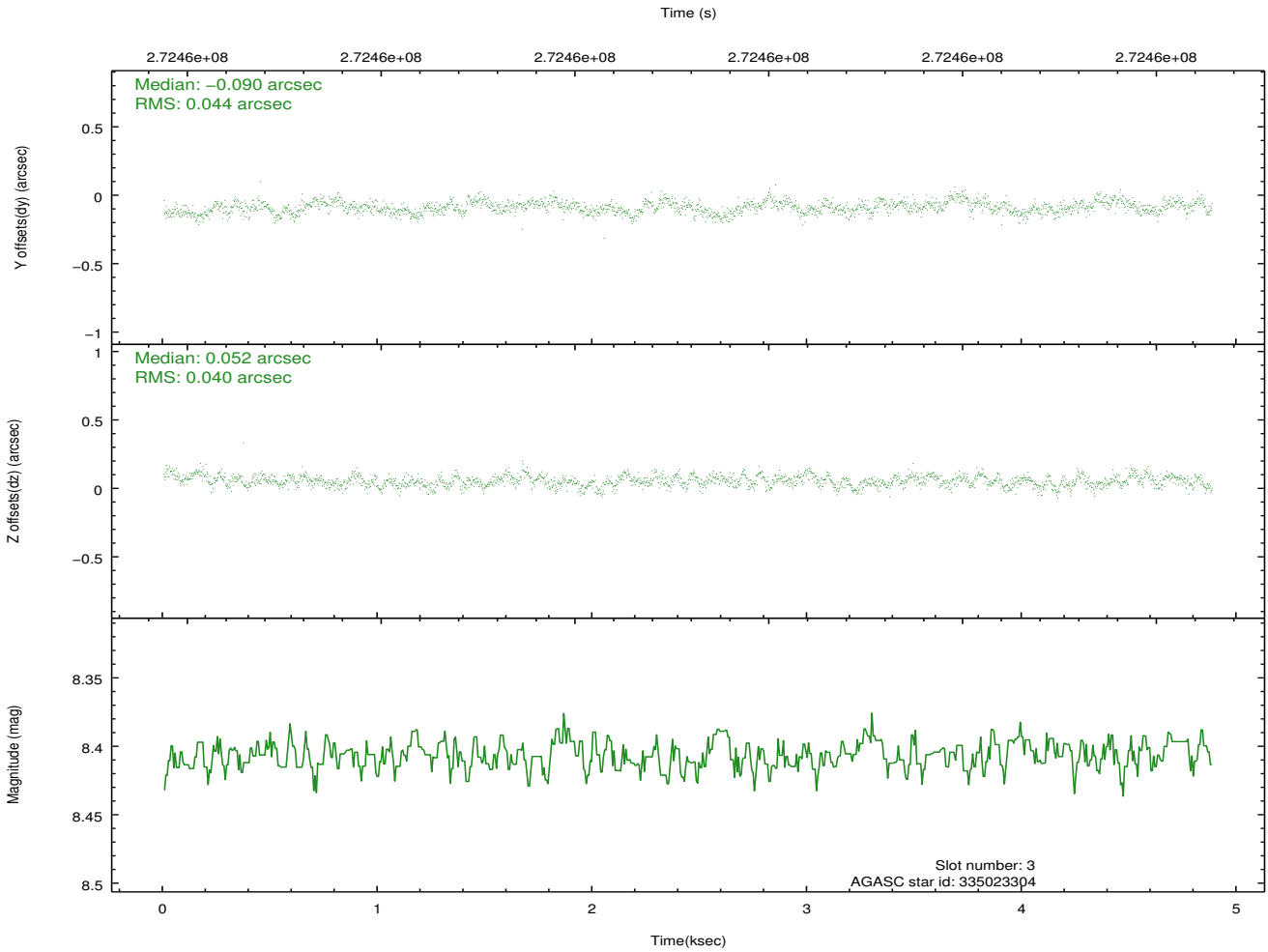
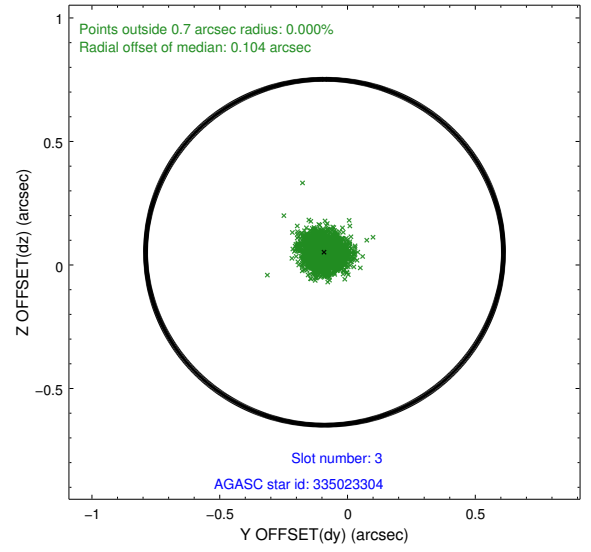
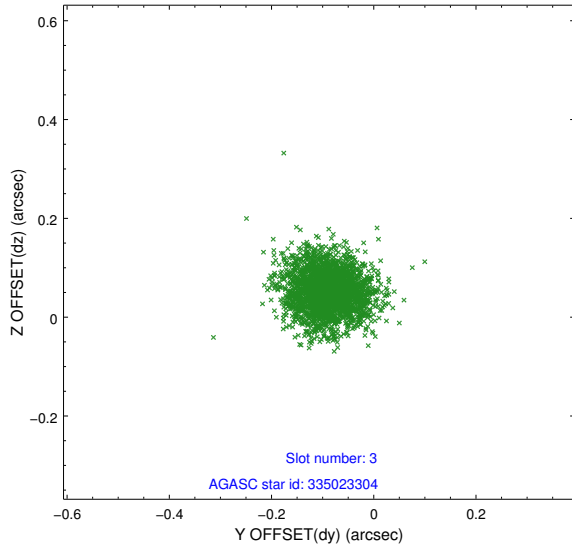


Slot Statistics

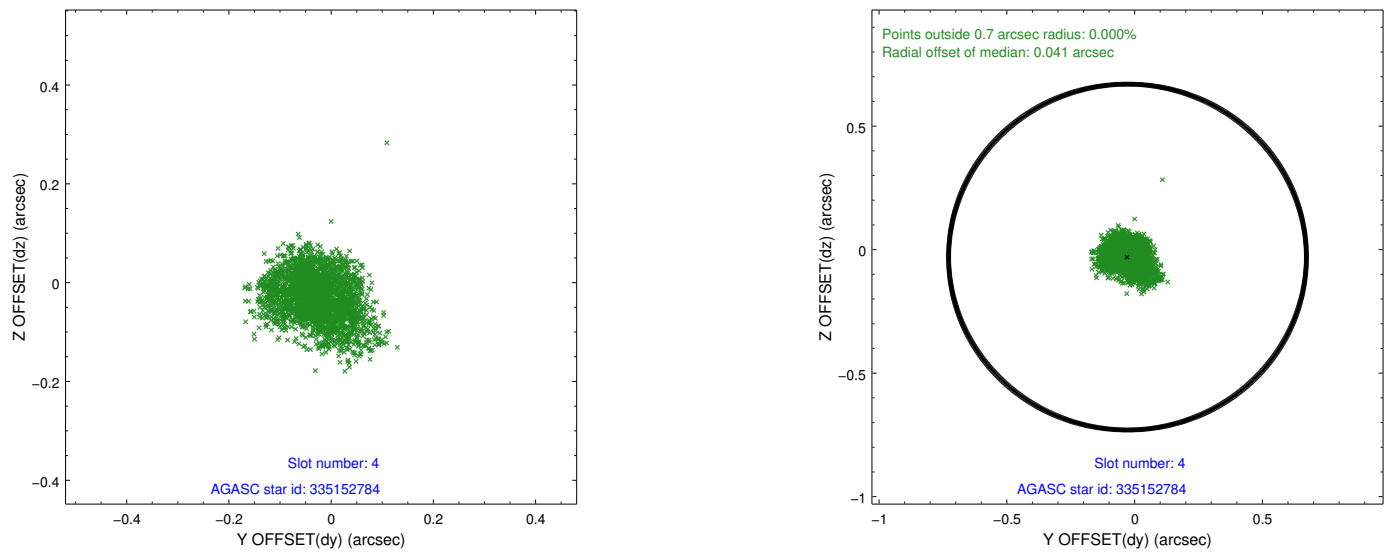
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1191	0.067	-0.039	0.012	0.020	0.000000	0.000000	930.45	-835.78
1	FID	ACIS-I-5	7.23	1191	-0.217	0.067	0.008	0.014	0.000000	0.000000	-1817.21	1061.24
2	FID	ACIS-I-6	7.24	1191	0.059	0.042	0.011	0.018	0.000000	0.000000	394.68	1707.09
3	GUIDE	335023304	8.41	2379	-0.090	0.052	0.063	0.101	218.883608	34.686545	-1404.31	697.88
4	GUIDE	335152784	7.24	2381	-0.028	-0.030	0.075	0.115	219.280617	33.678221	2220.60	1895.24
5	GUIDE	335152968	9.76	2381	-0.032	0.067	0.132	0.210	219.446087	34.867883	-2064.05	2358.89
6	GUIDE	335153056	10.15	2336	-0.018	-0.137	0.141	0.246	219.264627	34.869152	-2067.04	1822.82
7	GUIDE	335157088	9.09	2378	0.176	0.045	0.086	0.139	219.274029	33.726909	2045.28	1874.96

2.4 Star Slots

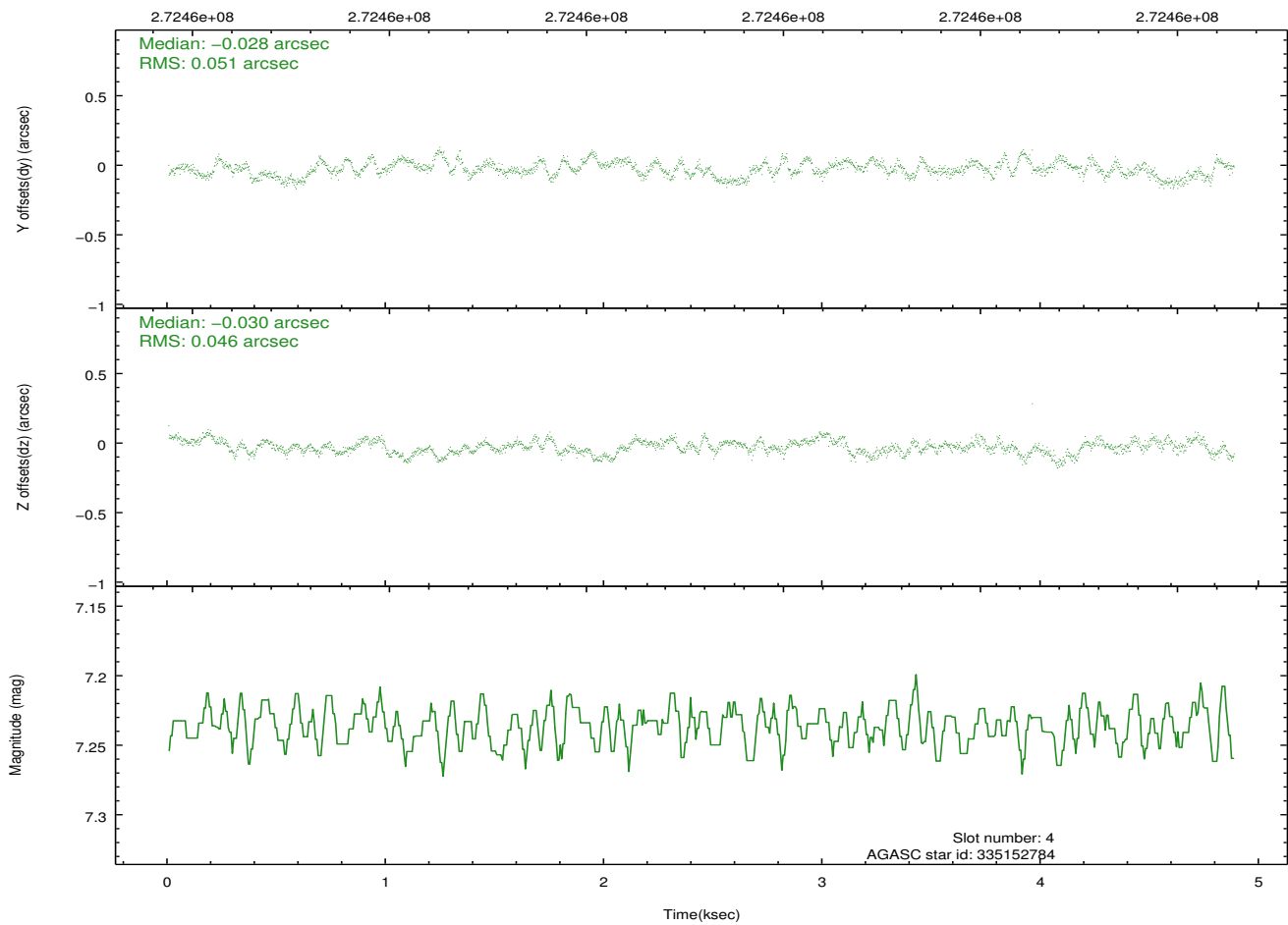
2.4.1 Slot 3



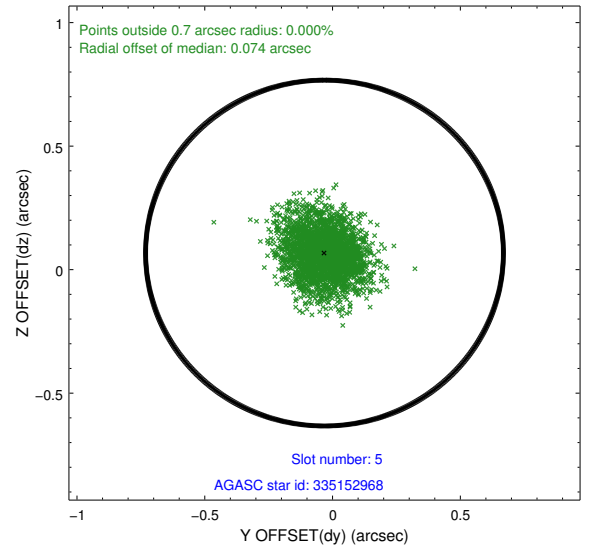
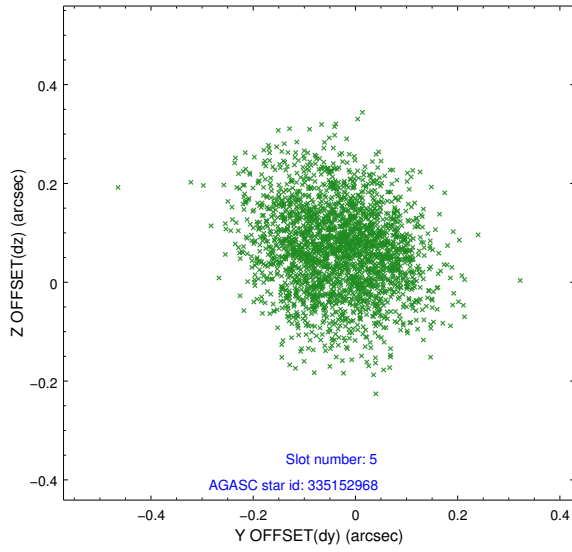
2.4.2 Slot 4



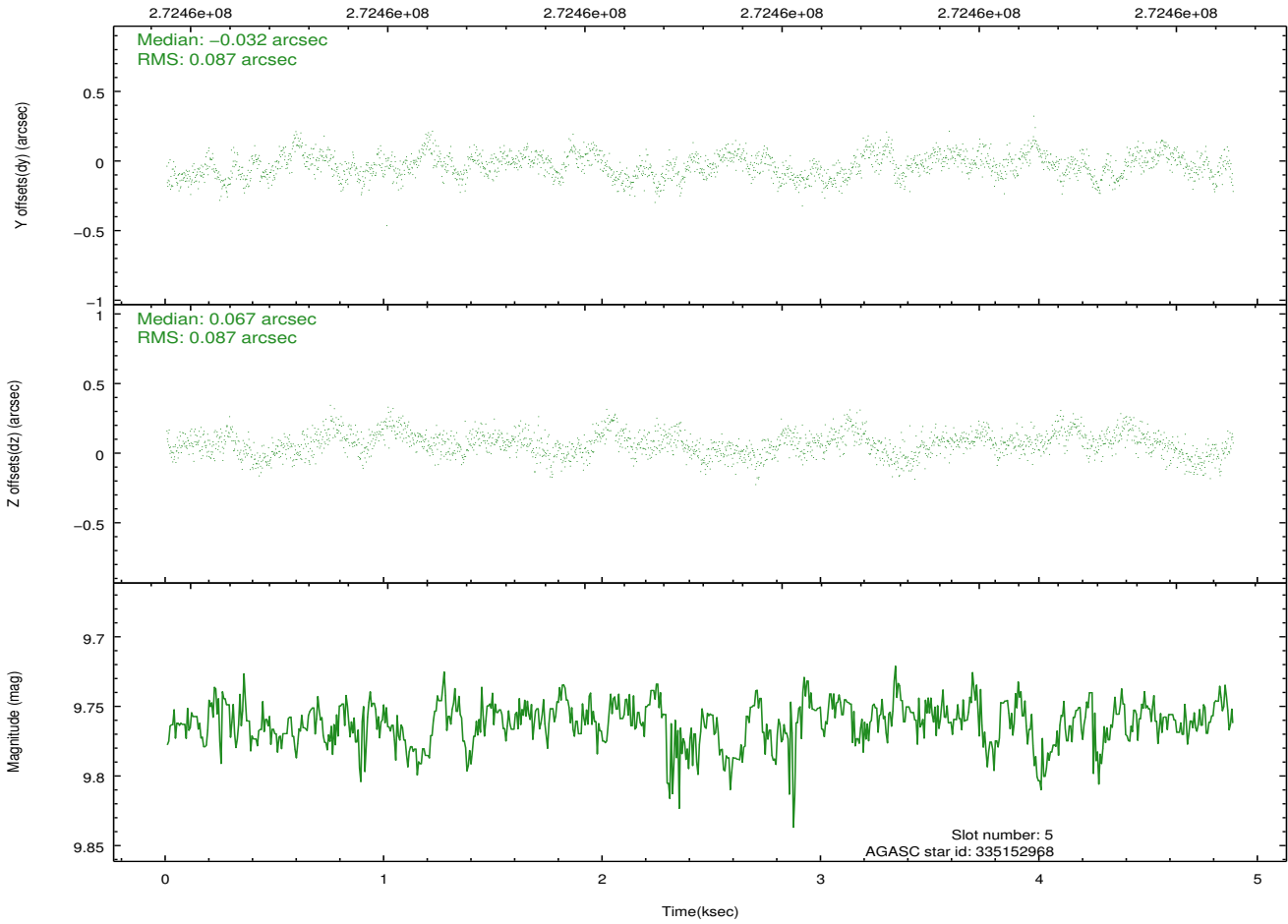
Time (s)



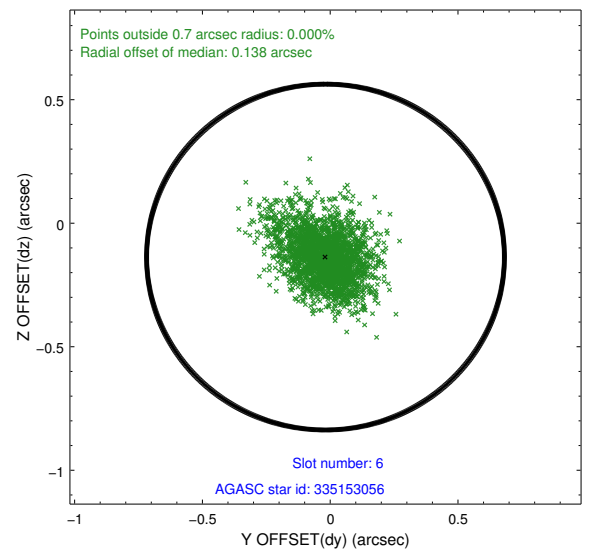
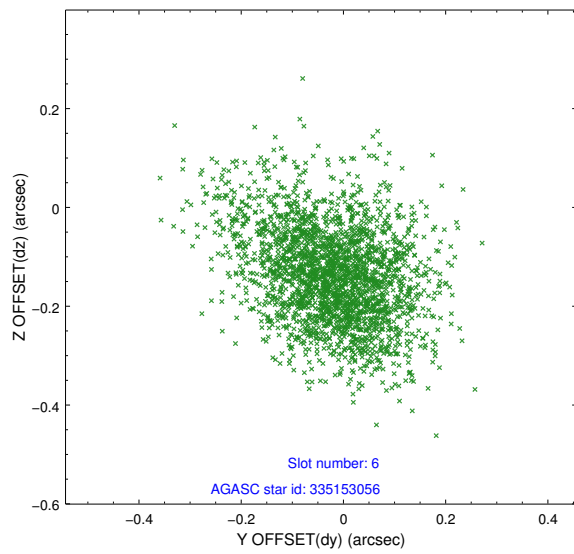
2.4.3 Slot 5



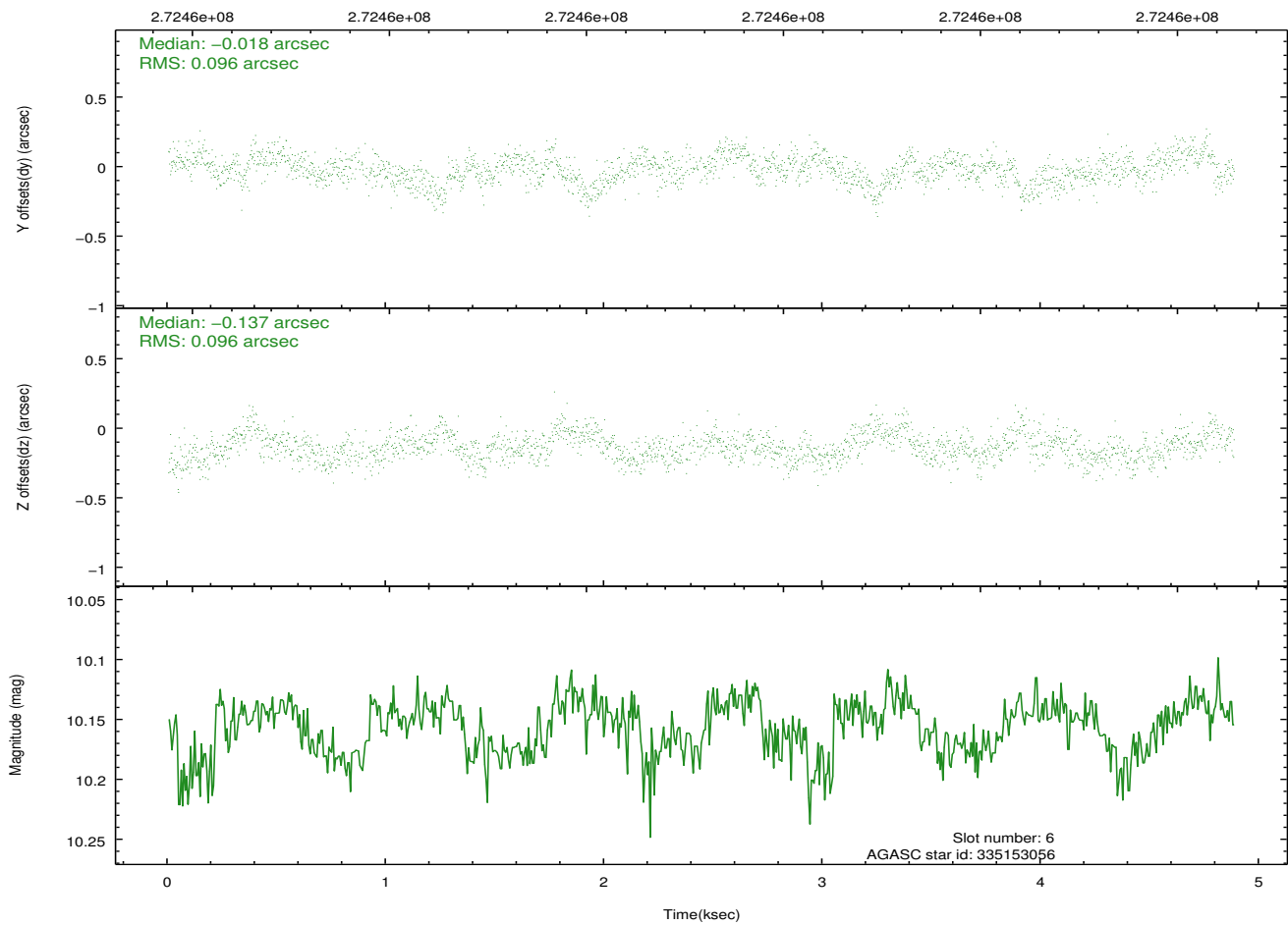
Time (s)



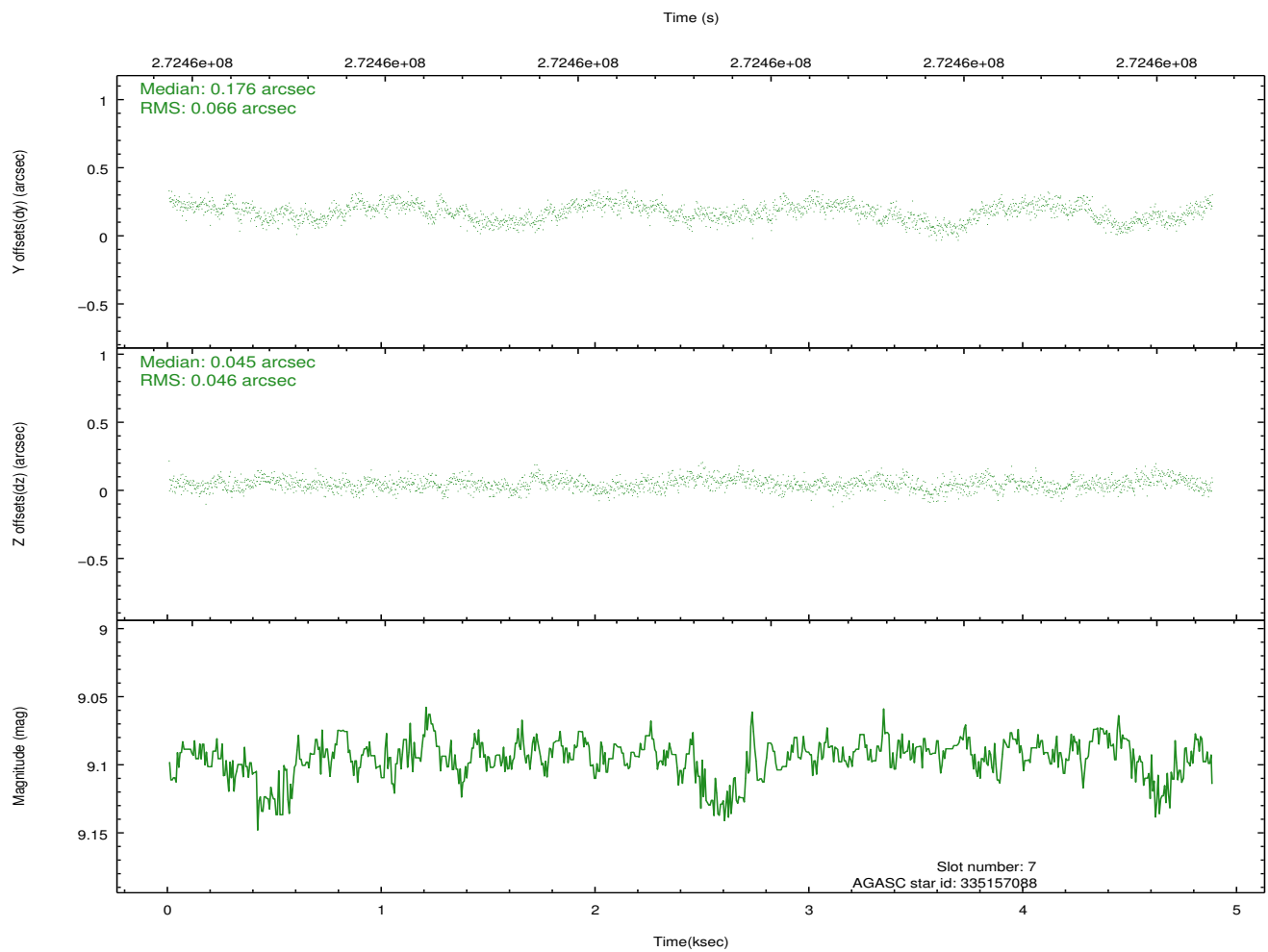
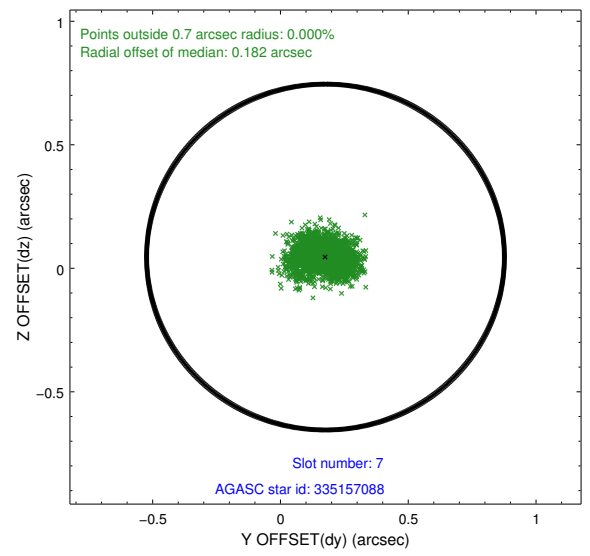
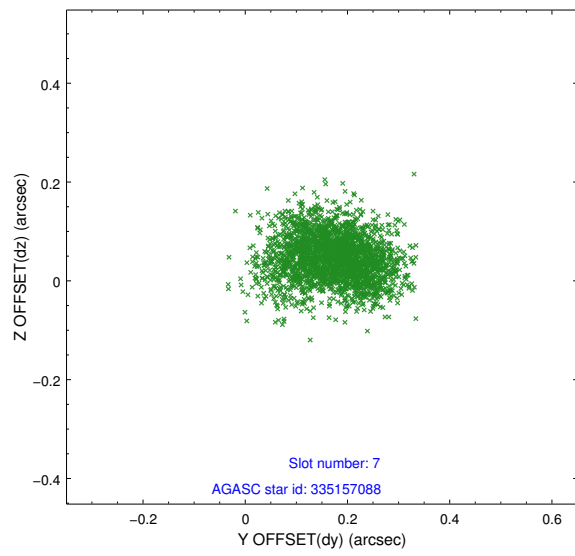
2.4.4 Slot 6



Time (s)

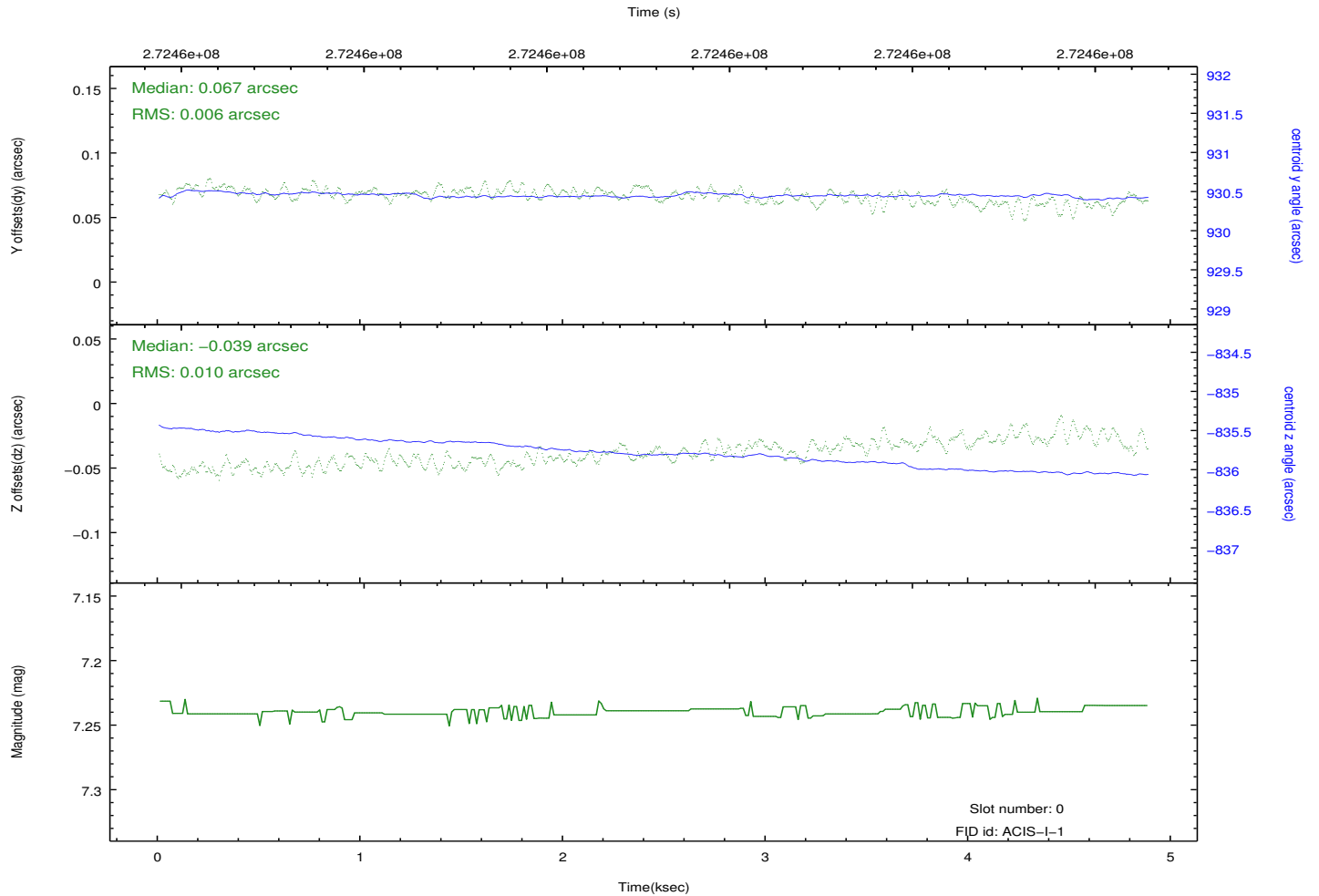
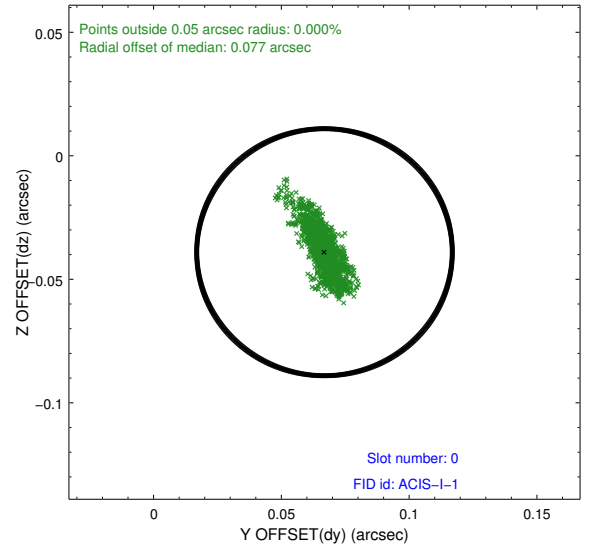
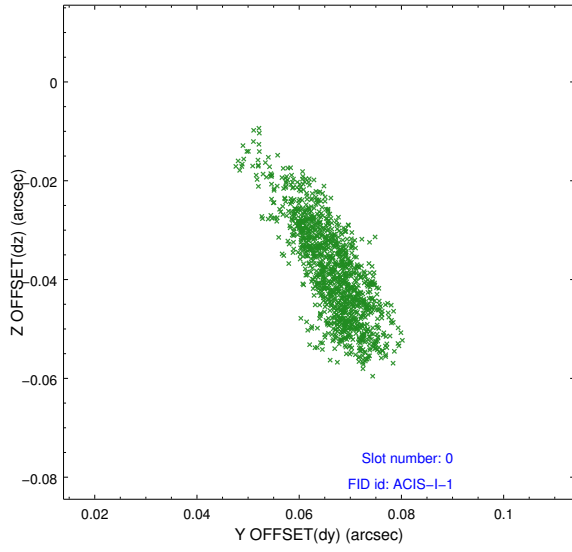


2.4.5 Slot 7

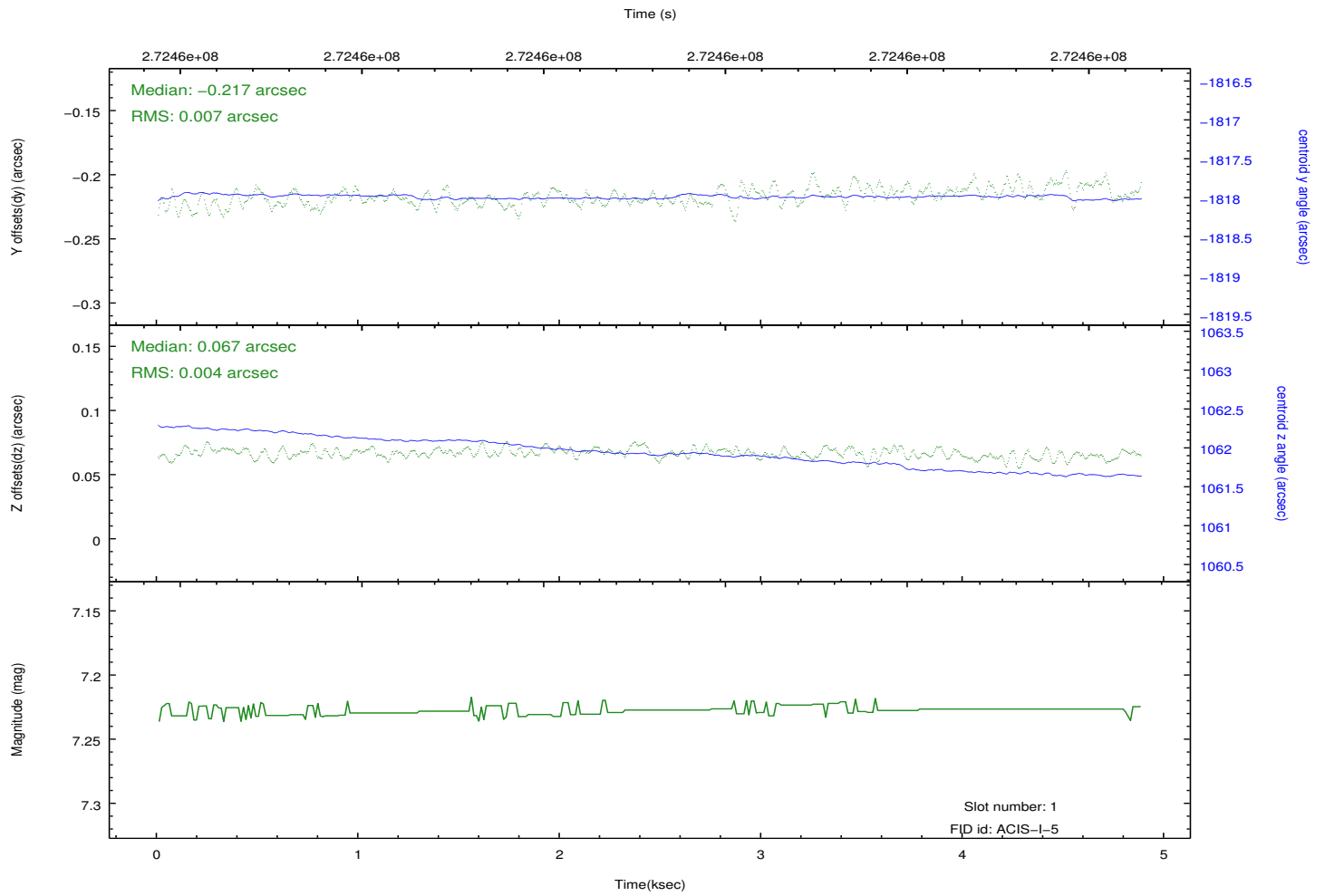
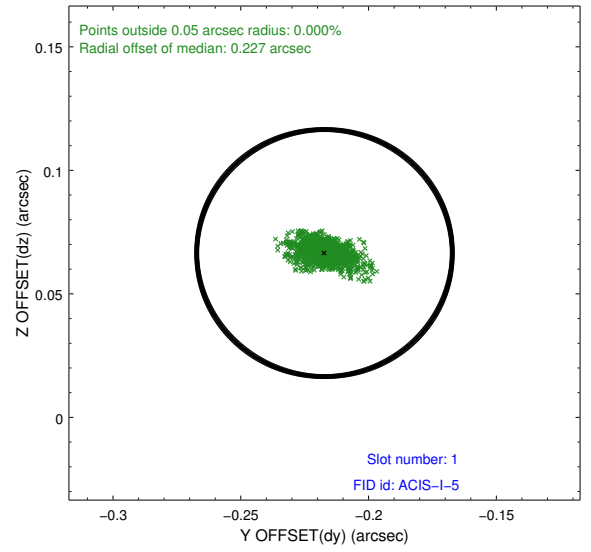
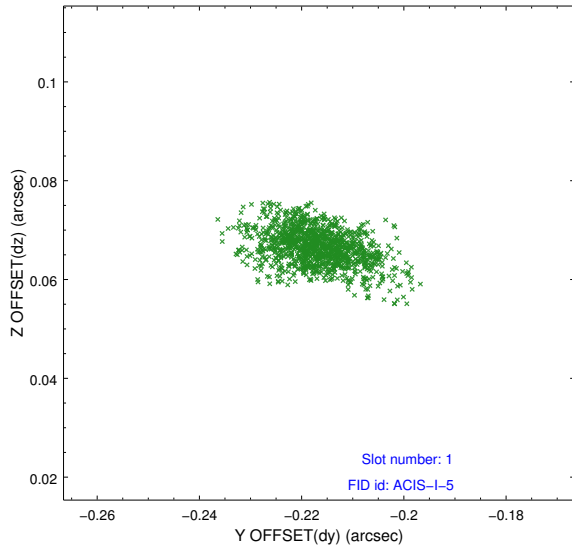


2.5 FID Slots

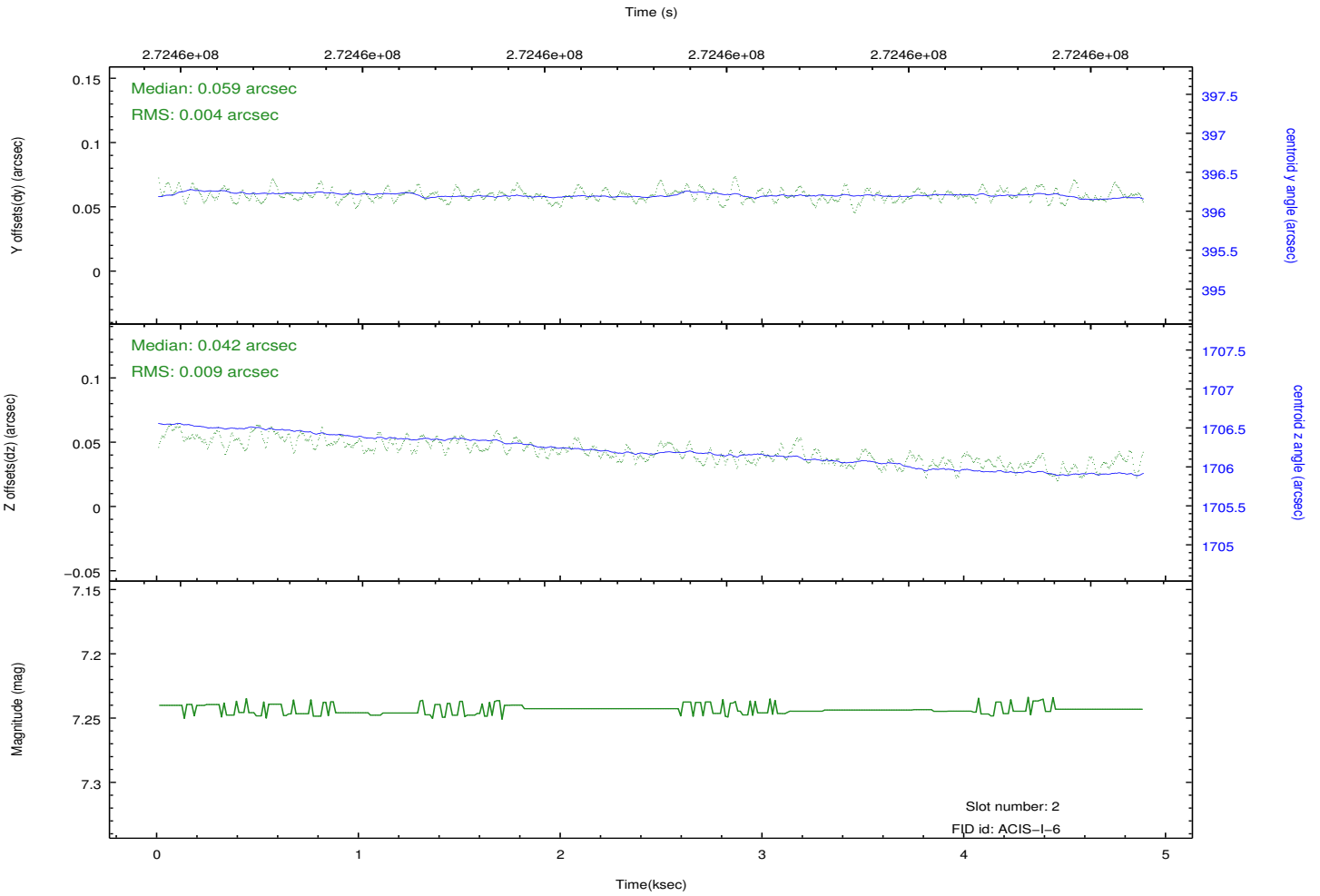
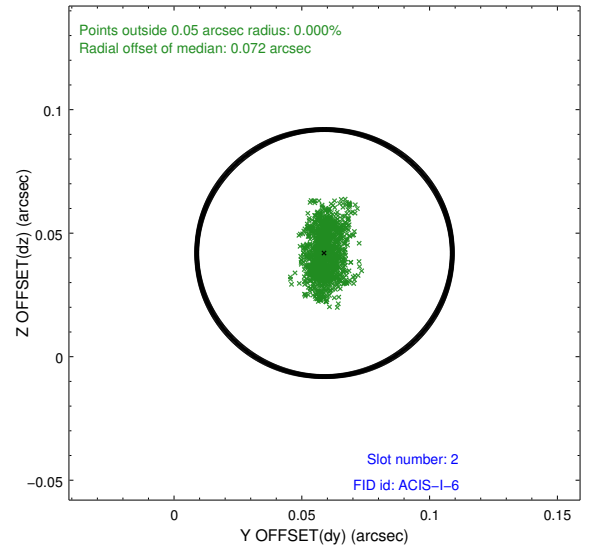
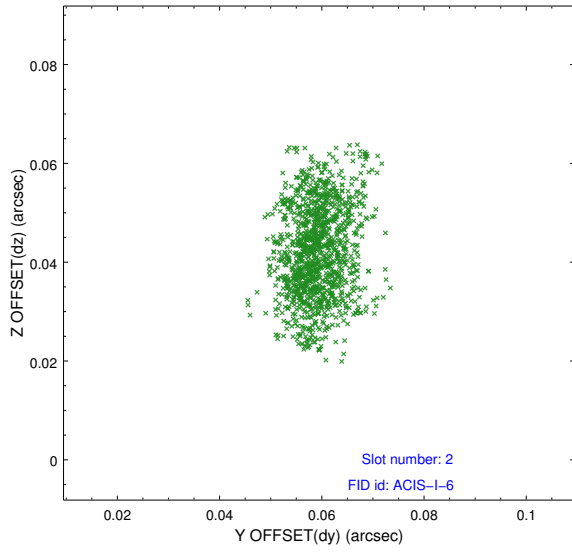
2.5.1 Slot 0



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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.47015906

A.2 Comments