

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6800 - L2 Version 2
Chandra X-Ray Center

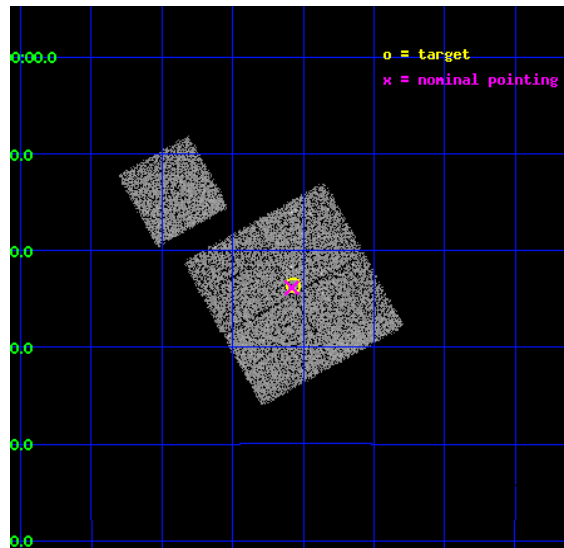
L2 Processing Date : Mar 25 2012

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1 Front

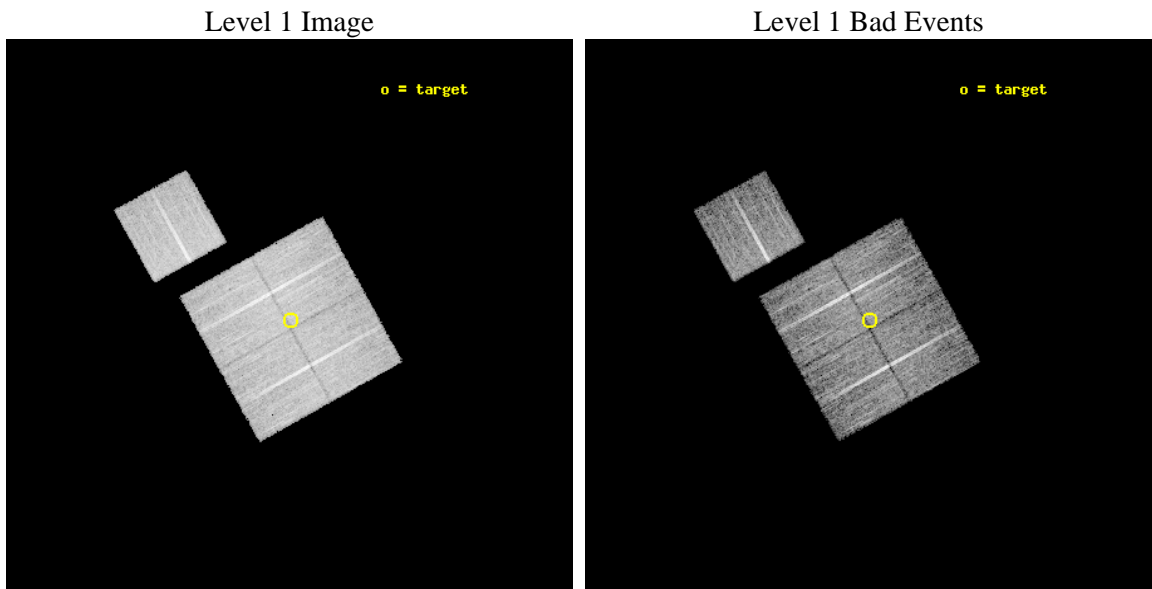
seq_num	701218	Sequence number
obs_id	6800	Observation id
title	AGN in the Outskirts of Low-Redshift Clusters of Galaxies	Proposal
observer	Prof. Paul Martini	Principal investigator
object	Abell754-P8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.017083	Observer's specified target RA [deg]
dec_targ	-9.394167	Observer's specified target Dec [deg]
ra_nom	137.02005306237	Nominal RA [deg]
dec_nom	-9.3977974381745	Nominal Dec [deg]
roll_nom	330.91261300821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10353.999980062	Sum of GTIs [s]
livetime	10218.717347819	Livetime [s]
ontime0	10353.999980062	Sum of GTIs [s]
ontime1	10353.999980062	Sum of GTIs [s]
ontime2	10353.999980062	Sum of GTIs [s]
ontime3	10353.999980062	Sum of GTIs [s]
ontime6	10350.859009773	Sum of GTIs [s]
l2events	33363	Number of level 2 events



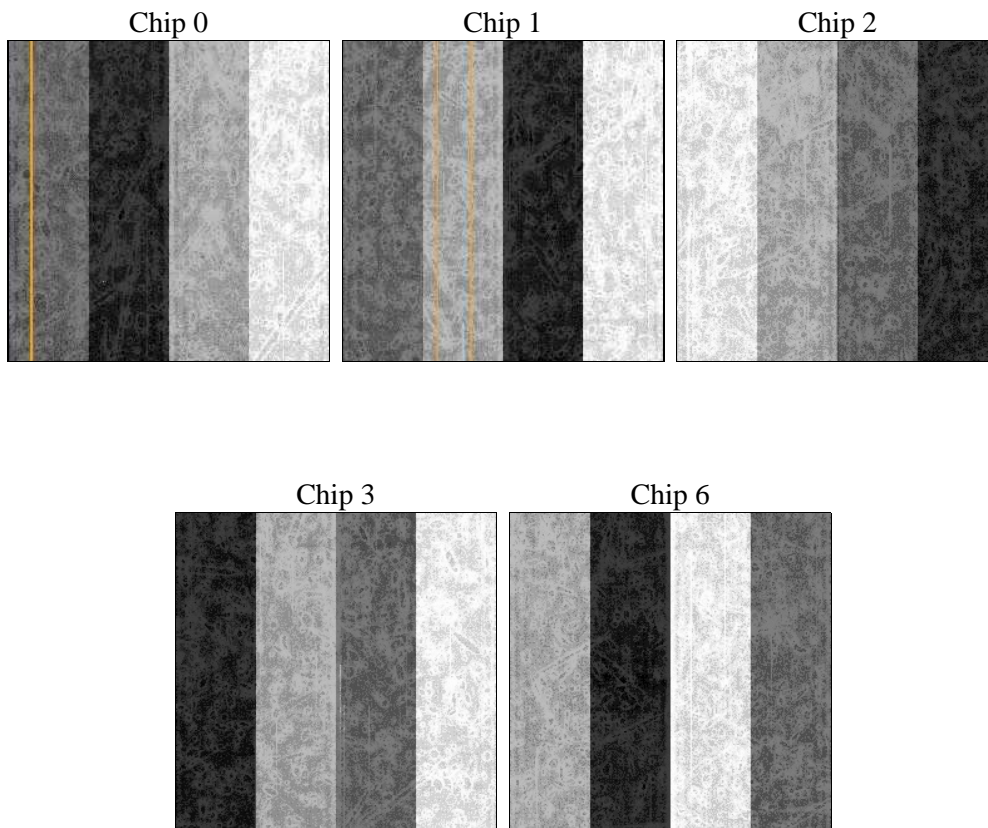
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10200.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	10353.999980062	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	10353.999980062	Sum of GTIs [s]
date	2012-03-25T15:51:57	Date and time of file creation	ontime1	10353.999980062	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	10353.999980062	Sum of GTIs [s]
			ontime3	10353.999980062	Sum of GTIs [s]
			ontime6	10350.859009773	Sum of GTIs [s]
			l1events	370036	Number of level 1 events

2.1.4 Events

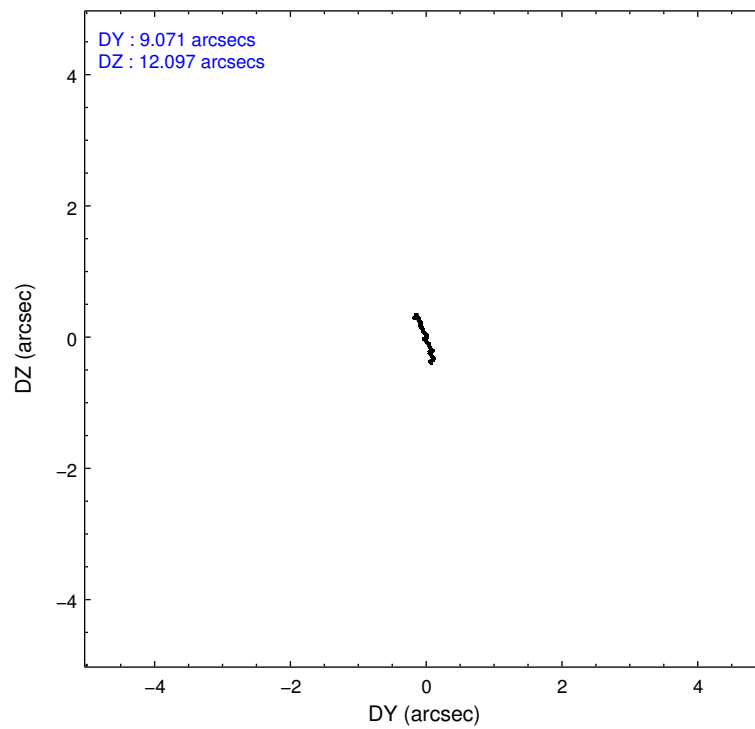
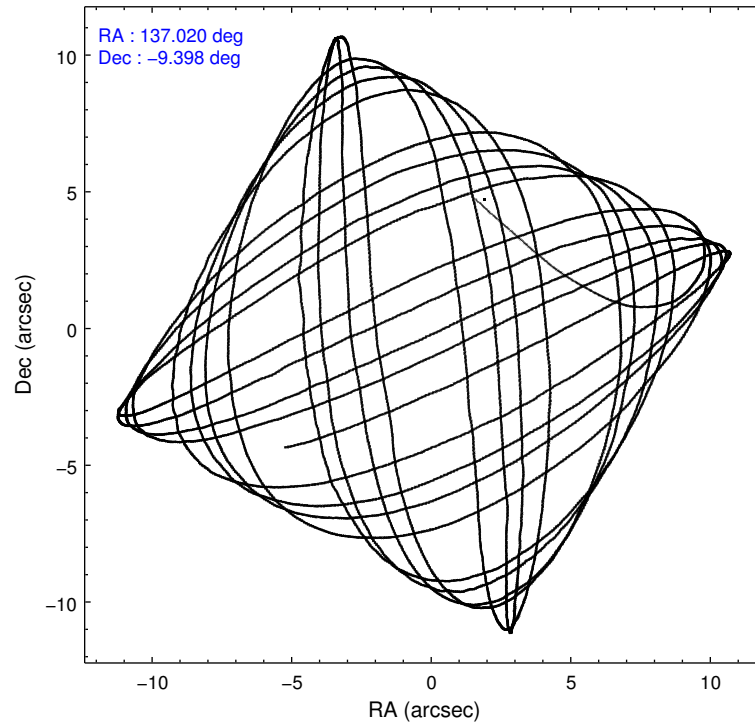
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	72520	69048	79486	74118	74864
rejected events	63818	60567	71648	66720	67298
rejected %	88%	87%	90%	90%	89%

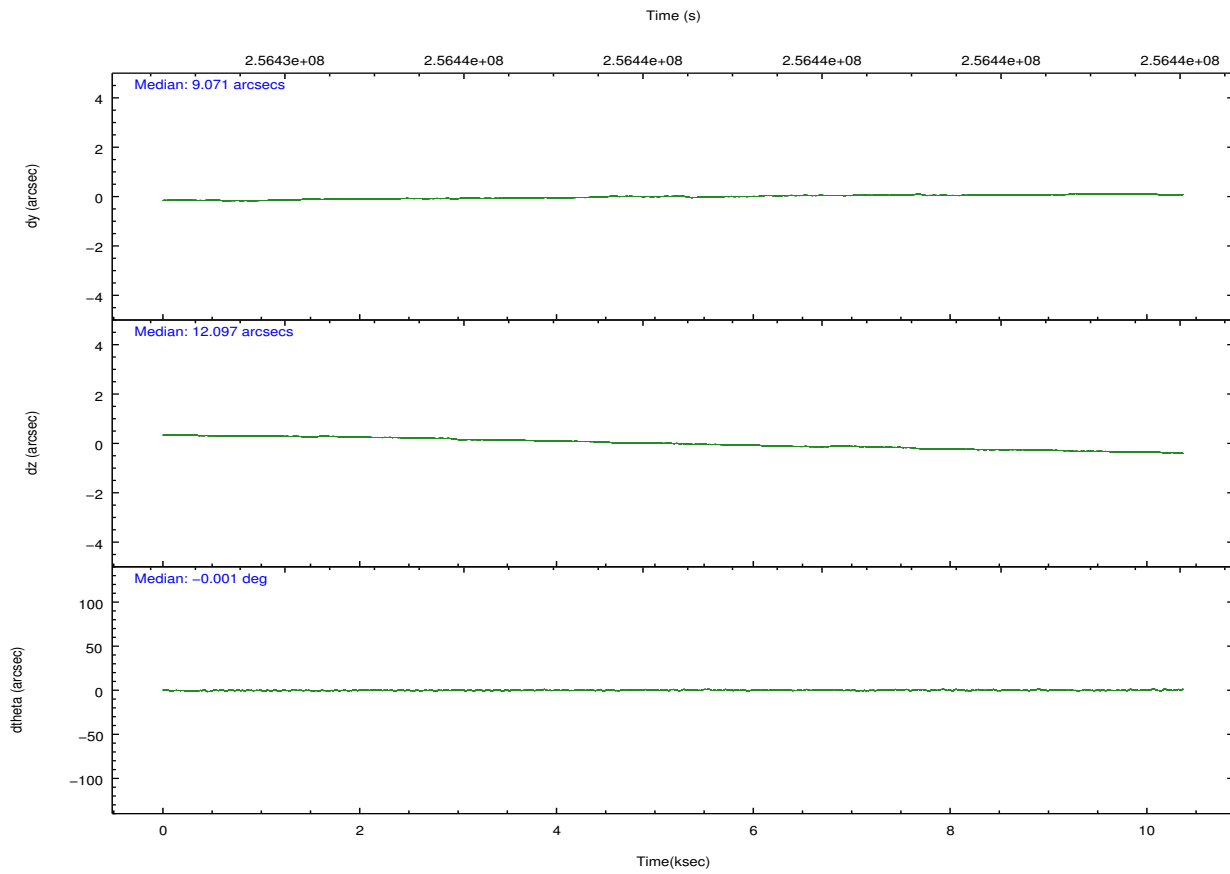
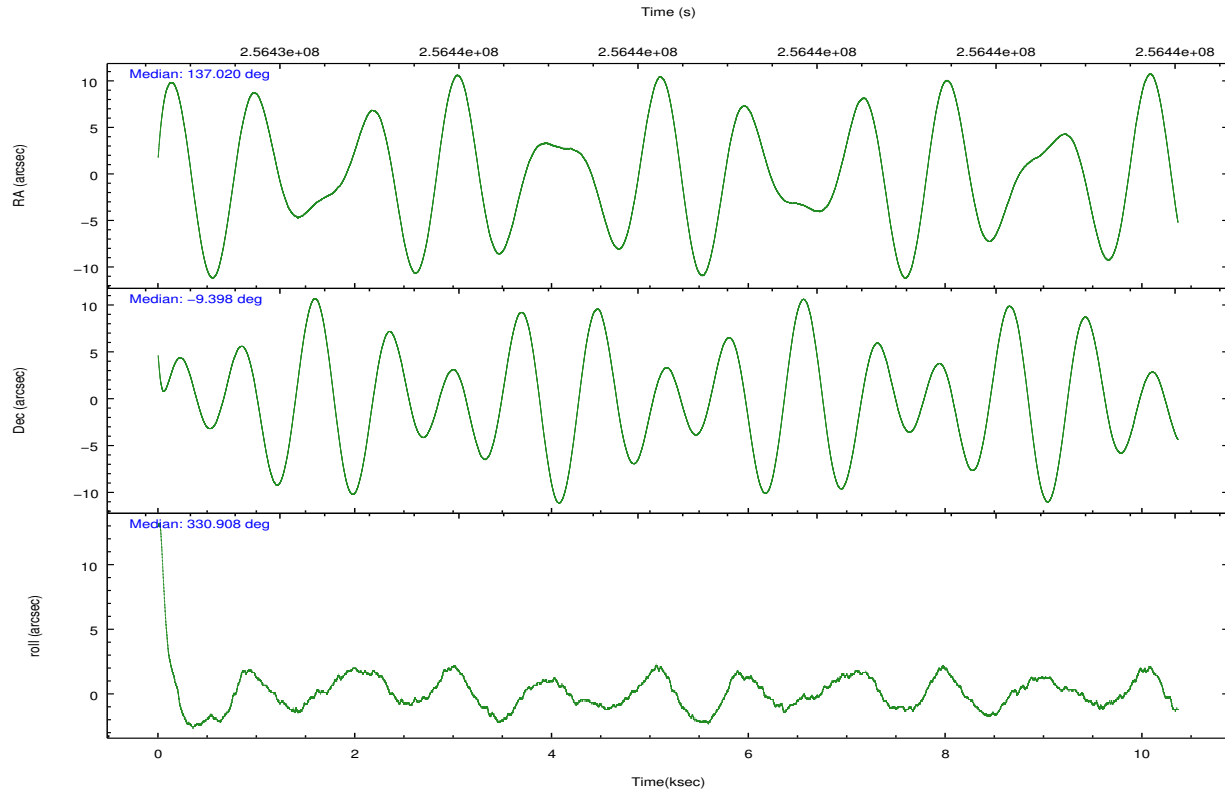
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3637	3222	3165	2729	2714
	5%	4%	3%	3%	3%
grade 1 events	50	49	30	51	36
	0%	0%	0%	0%	0%
grade 2 events	1902	1828	1771	1572	1624
	2%	2%	2%	2%	2%
grade 3 events	903	933	779	859	839
	1%	1%	0%	1%	1%
grade 4 events	850	932	818	850	867
	1%	1%	1%	1%	1%
grade 5 events	2499	2795	2448	2966	2902
	3%	4%	3%	4%	3%
grade 6 events	1500	1686	1379	1480	1609
	2%	2%	1%	1%	2%
grade 7 events	61179	57603	69096	63611	64273
	84%	83%	86%	85%	85%

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	136.992226	137.02005306237	Subarray requested	NONE	NONE
[deg] Pointing Dec	-9.398369	-9.397797438174541	Alternating exposures requested	N	N
[deg] Pointing Roll	330.699367	330.9126130082091	[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)	256433318.184000	256432274.13763			
Observation start date	2006-02-15T23:27:33	2006-02-15T23:11:14			
[s] Observation end time (MET)	256443518.184000	256444877.53821			
Observation end date	2006-02-16T02:17:33	2006-02-16T02:41:17			
Read mode	TIMED	TIMED			

2.3 Aspect



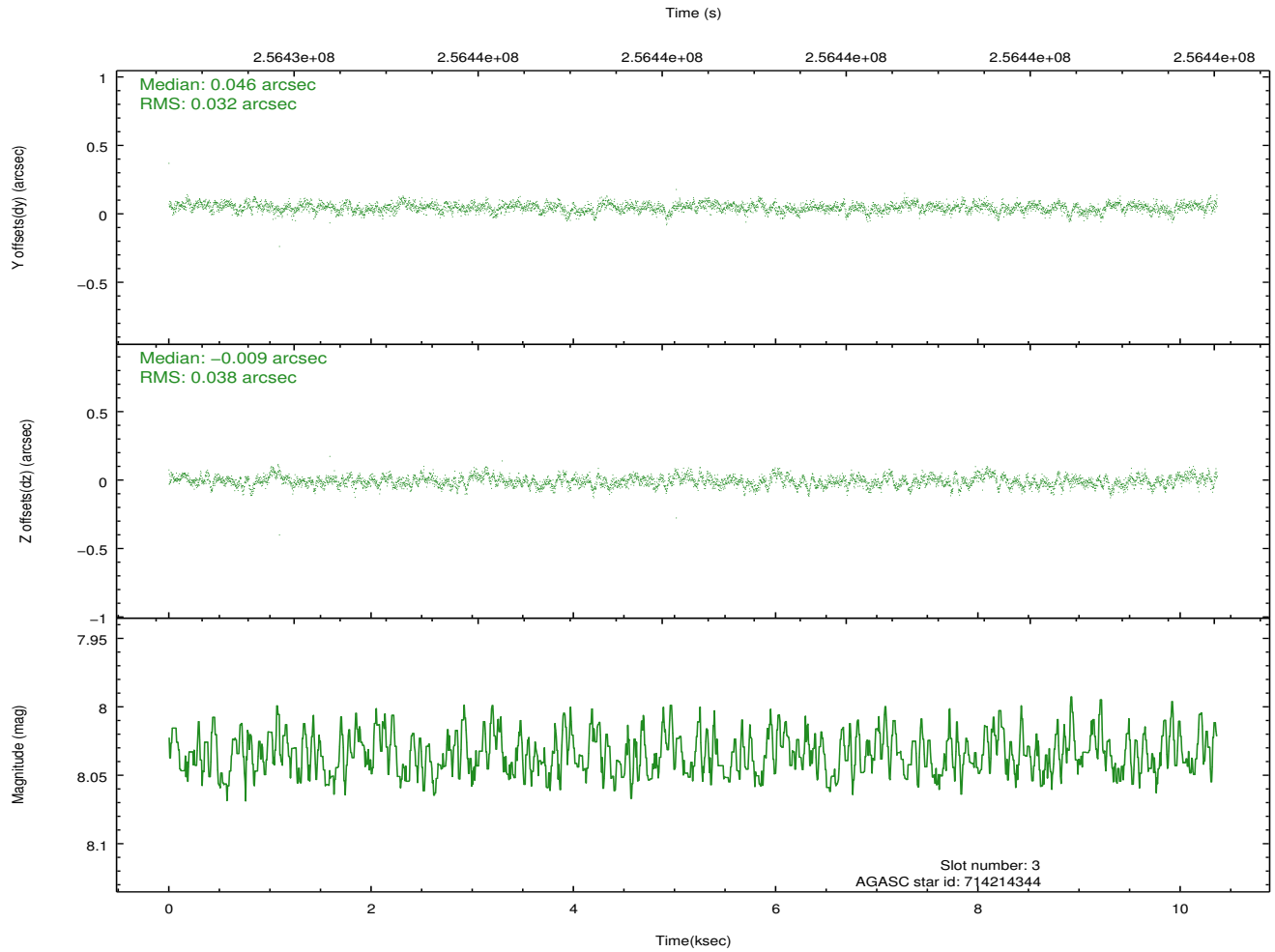
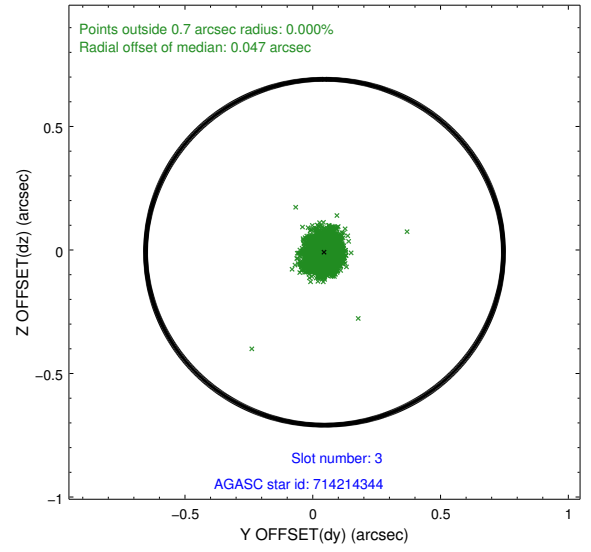
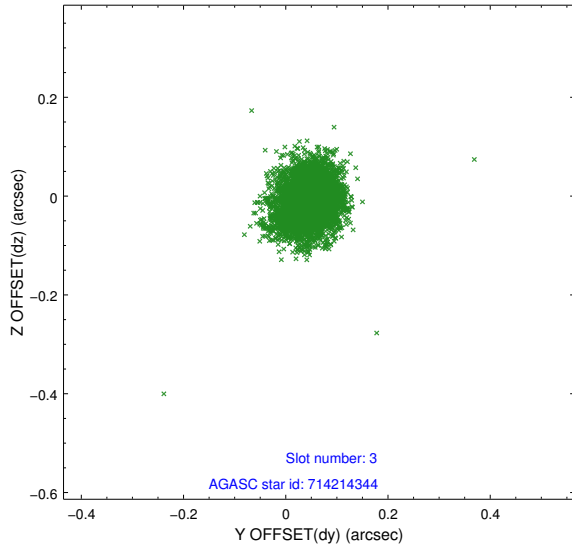


Slot Statistics

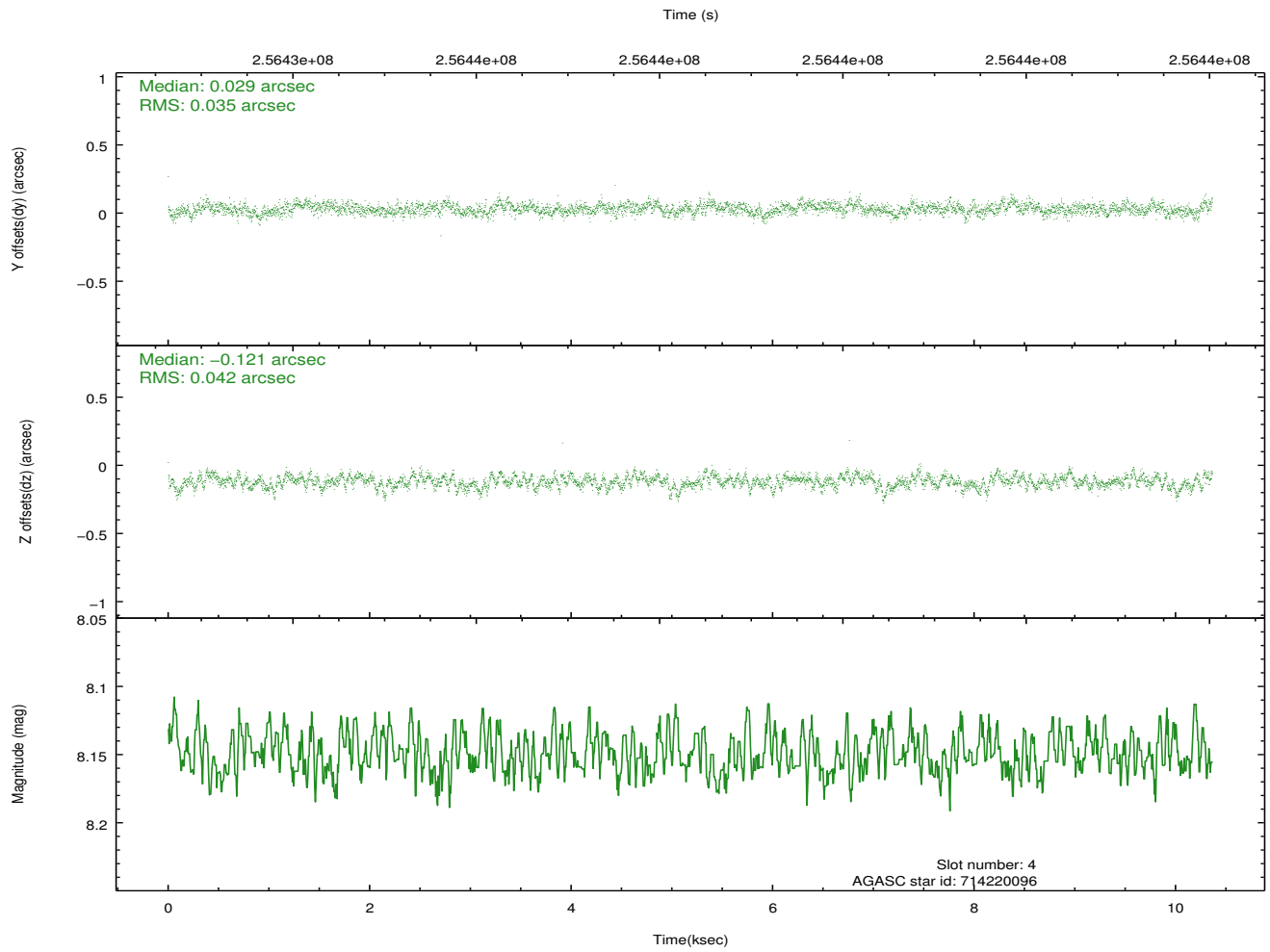
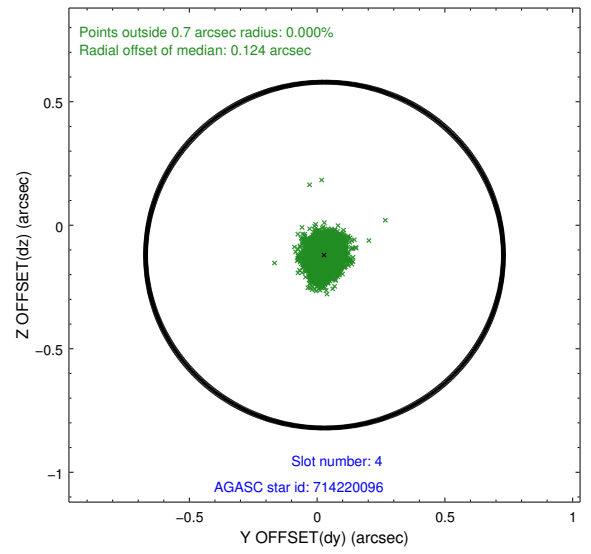
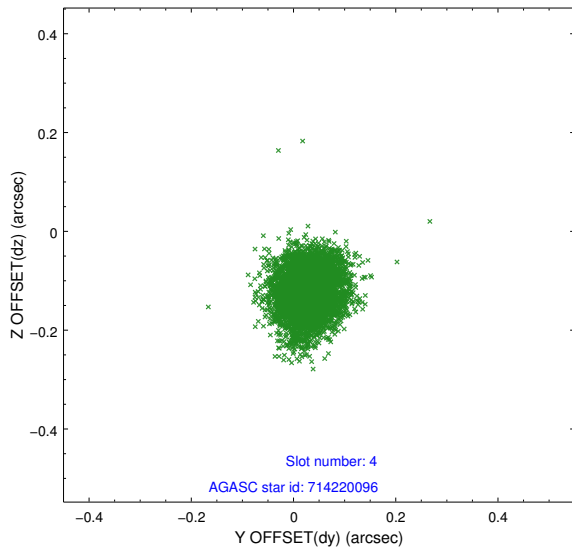
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2528	0.066	-0.020	0.011	0.018	0.000000	0.000000	930.61	-835.66
1	FID	ACIS-I-5	7.22	2528	-0.210	0.073	0.006	0.011	0.000000	0.000000	-1817.45	1061.73
2	FID	ACIS-I-6	7.25	2528	0.052	0.018	0.012	0.019	0.000000	0.000000	395.65	1706.70
3	GUIDE	714214344	8.04	5054	0.046	-0.009	0.051	0.085	136.639519	-9.759148	-454.98	-1745.54
4	GUIDE	714220096	8.15	5056	0.029	-0.121	0.058	0.094	137.167337	-9.384108	516.88	348.70
5	GUIDE	714221984	8.27	5054	-0.061	0.074	0.073	0.115	136.295010	-9.704004	-1617.52	-2172.45
6	GUIDE	714222888	7.25	5057	-0.063	0.108	0.060	0.095	137.419411	-9.937881	2271.80	-953.45
7	GUIDE	713692352	8.53	5053	0.048	-0.056	0.072	0.111	136.607059	-8.793984	-2258.89	1225.90

2.4 Star Slots

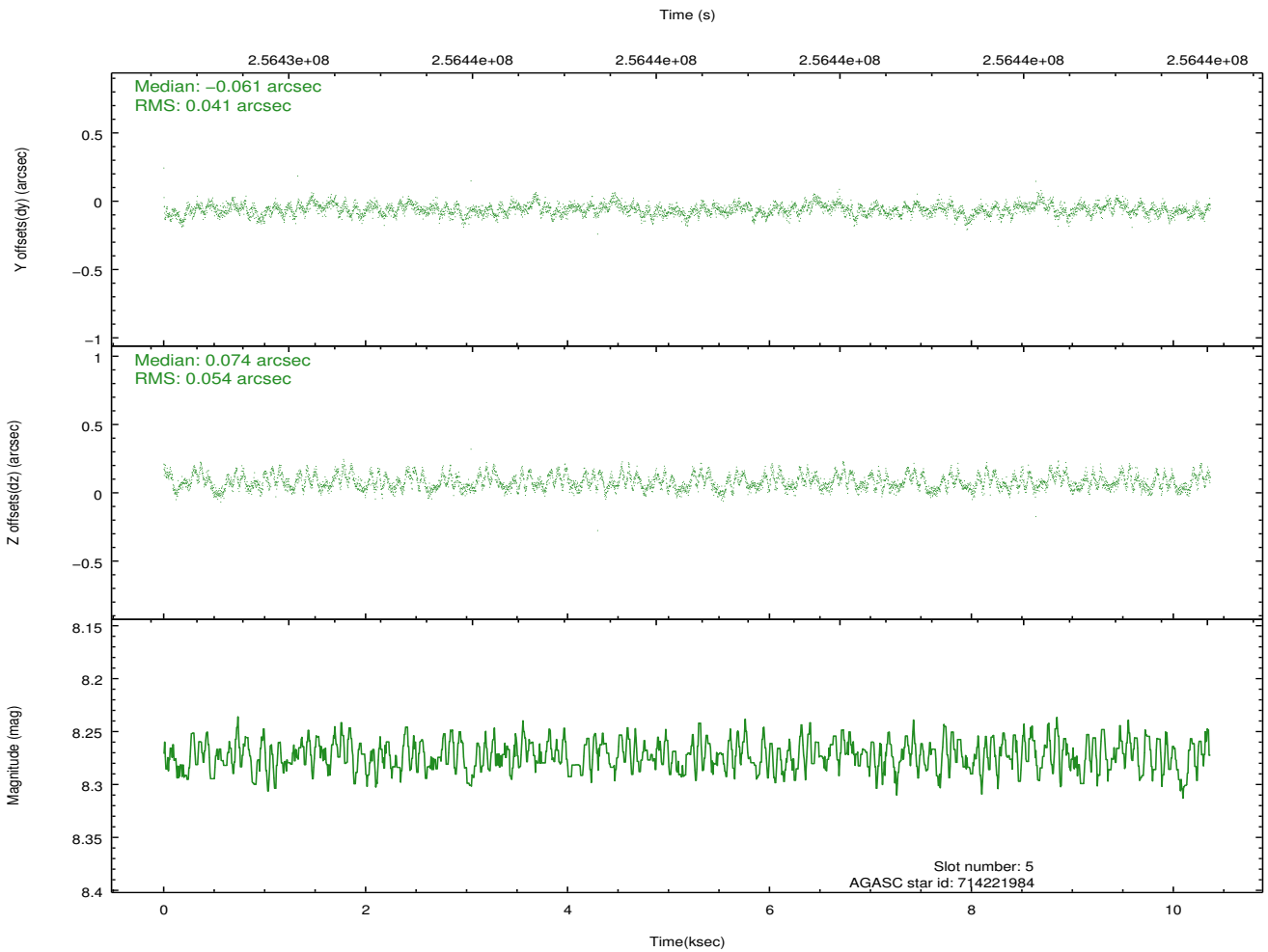
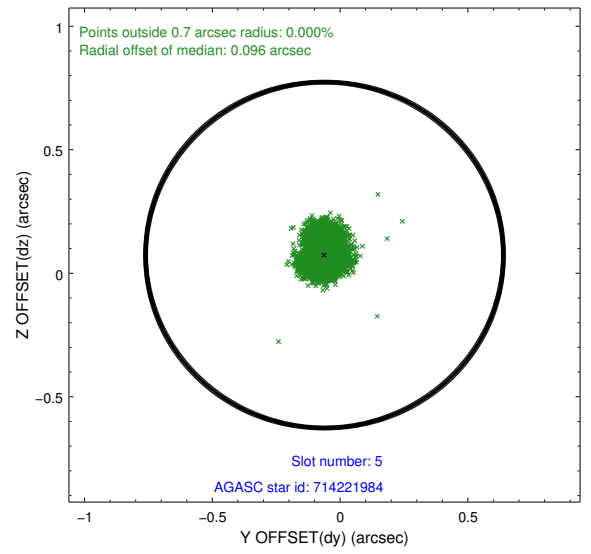
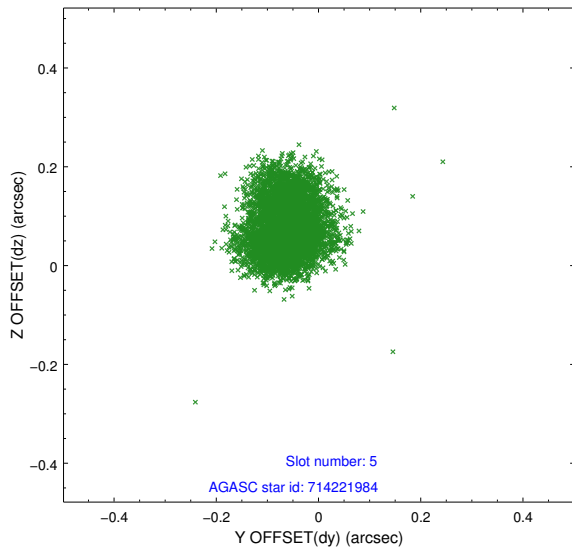
2.4.1 Slot 3



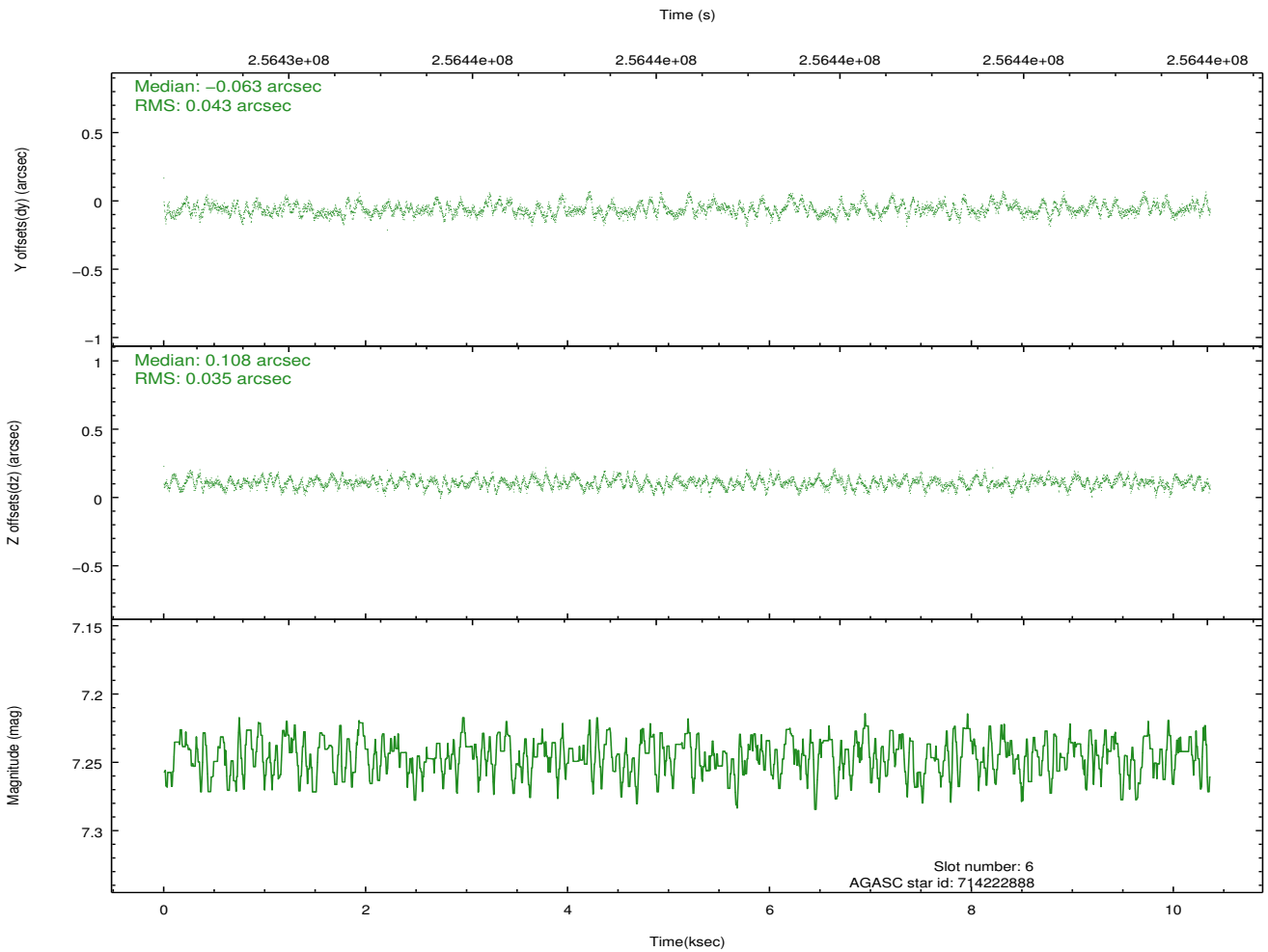
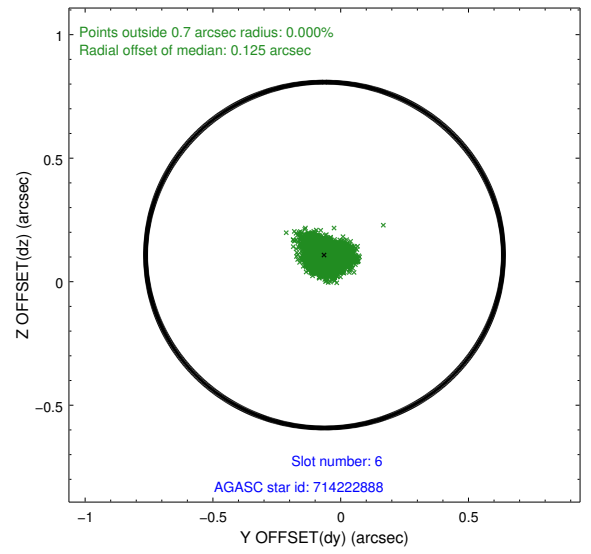
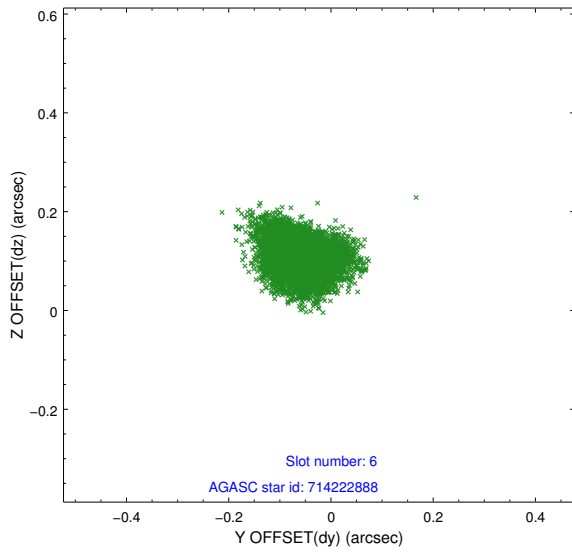
2.4.2 Slot 4



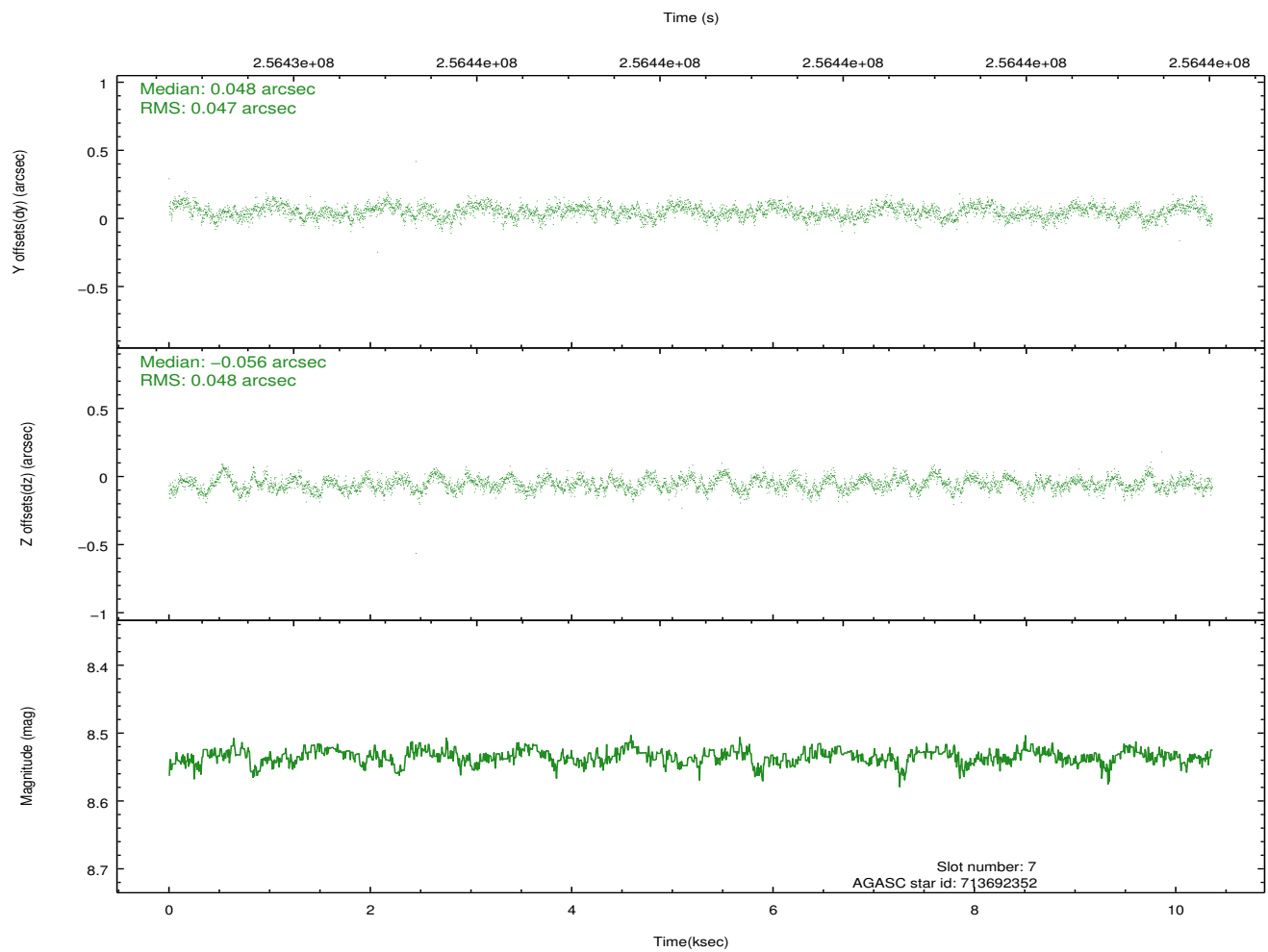
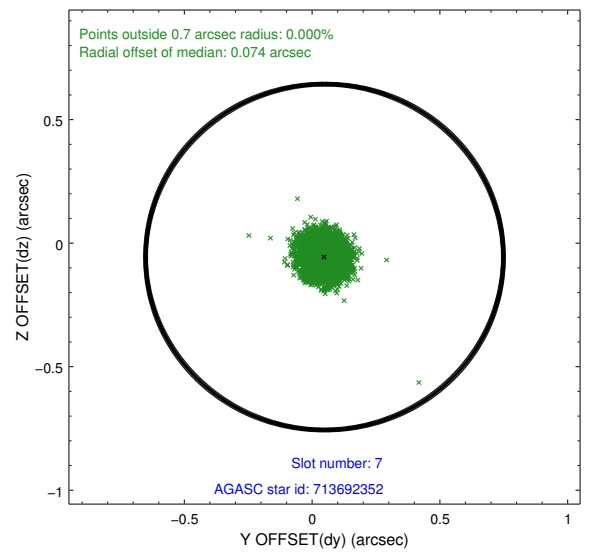
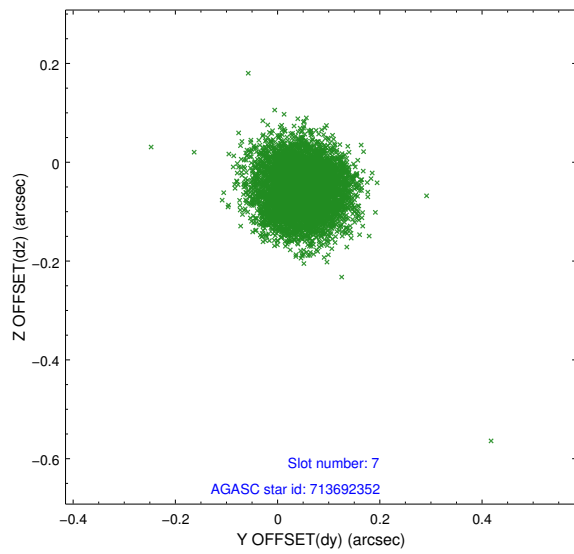
2.4.3 Slot 5



2.4.4 Slot 6

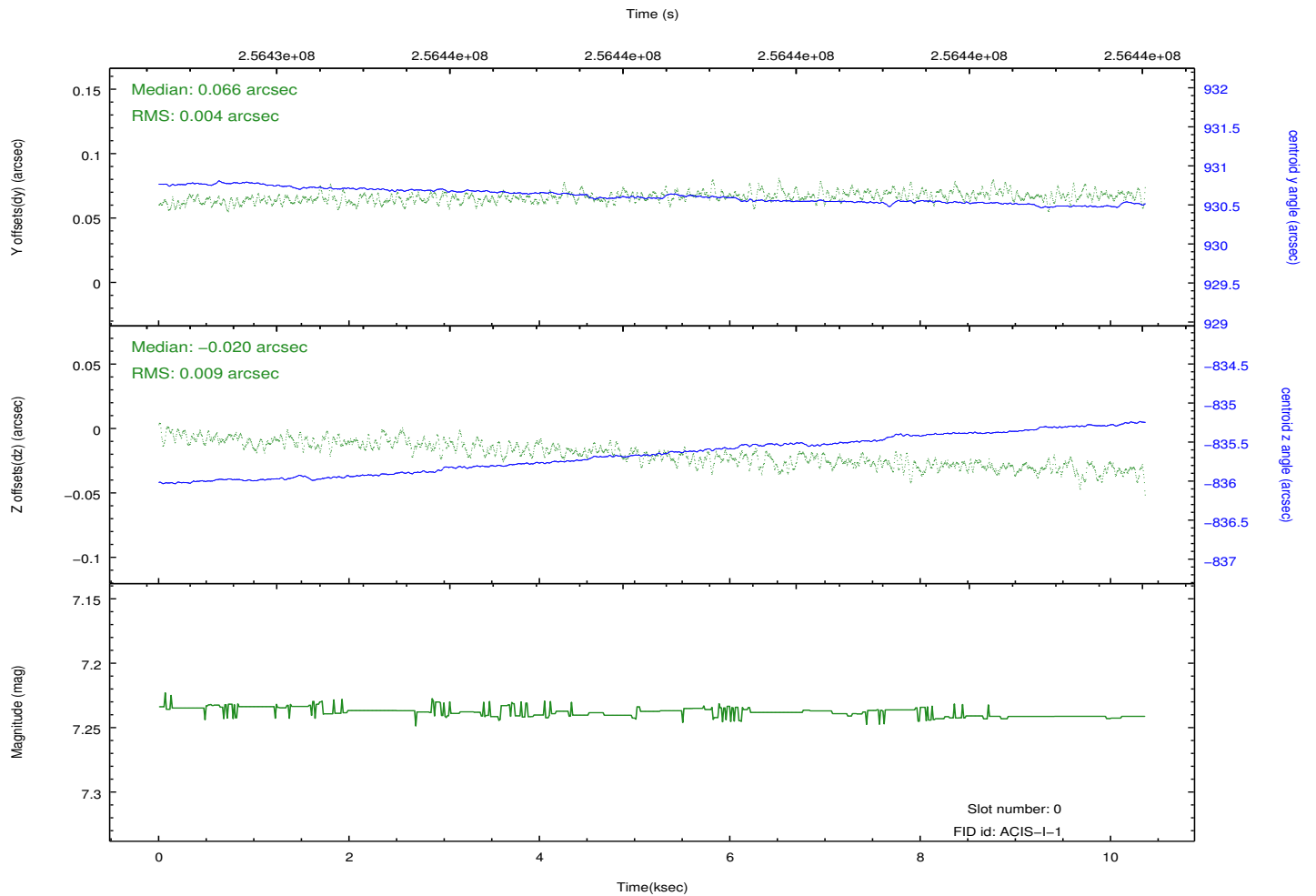
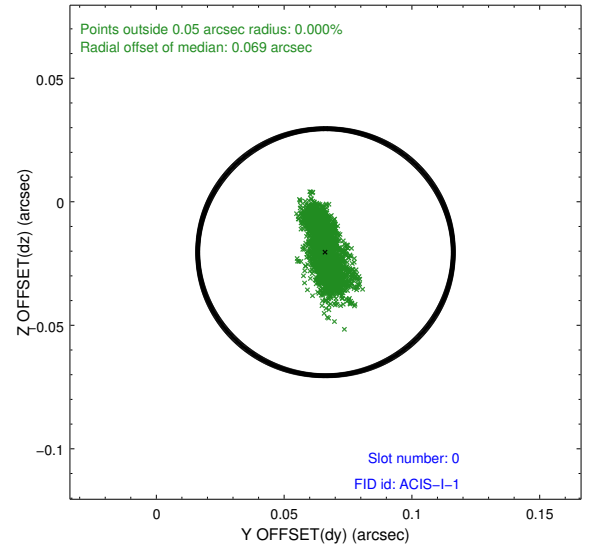
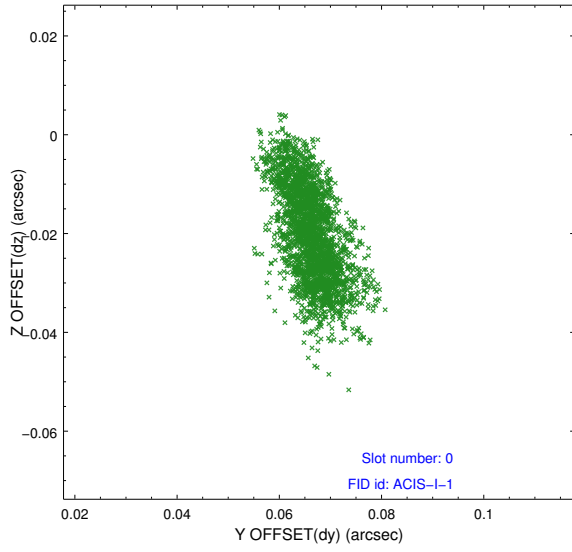


2.4.5 Slot 7

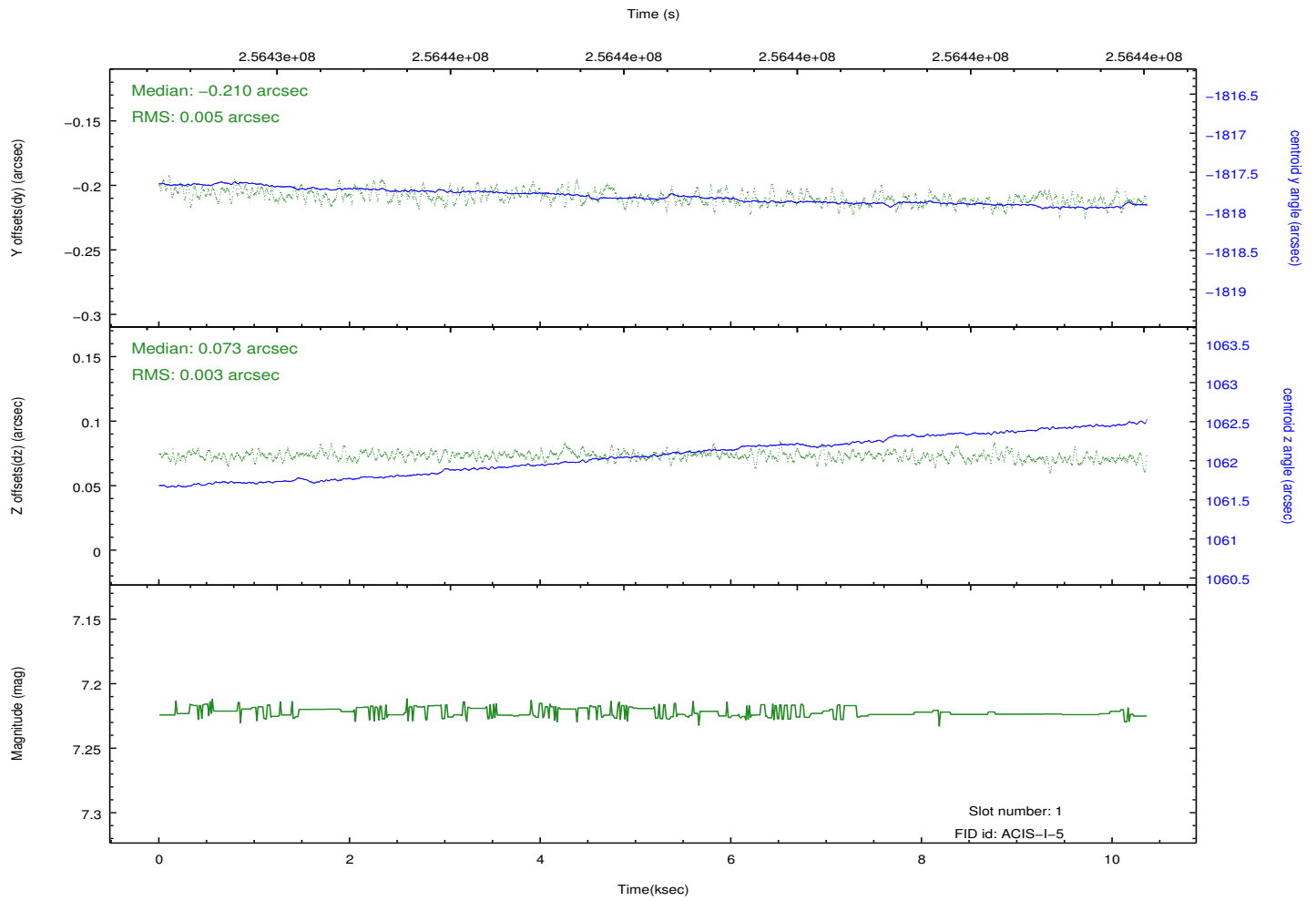
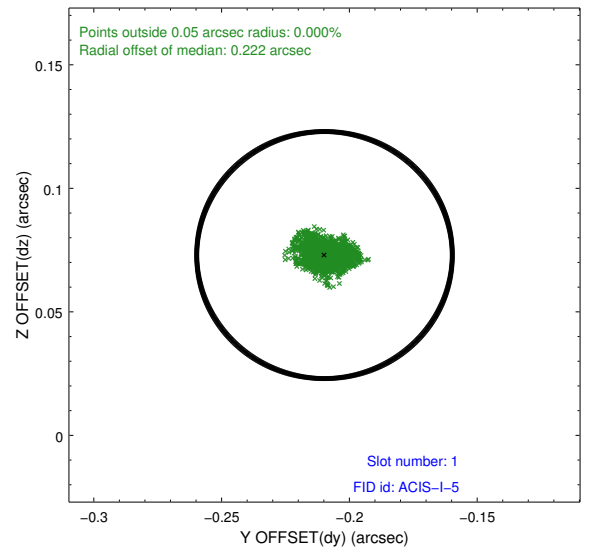
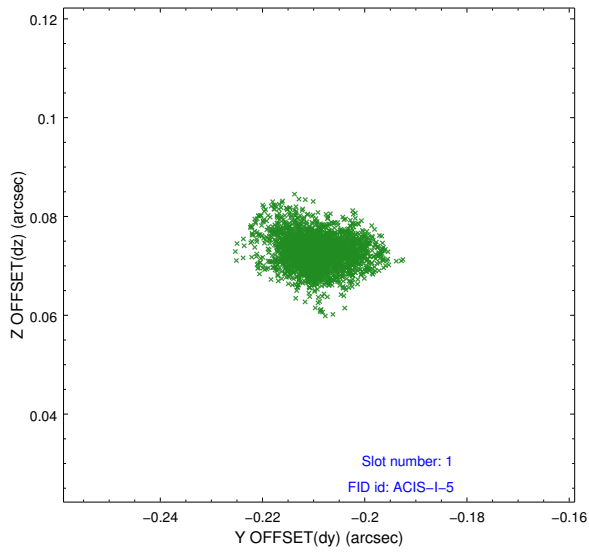


2.5 FID Slots

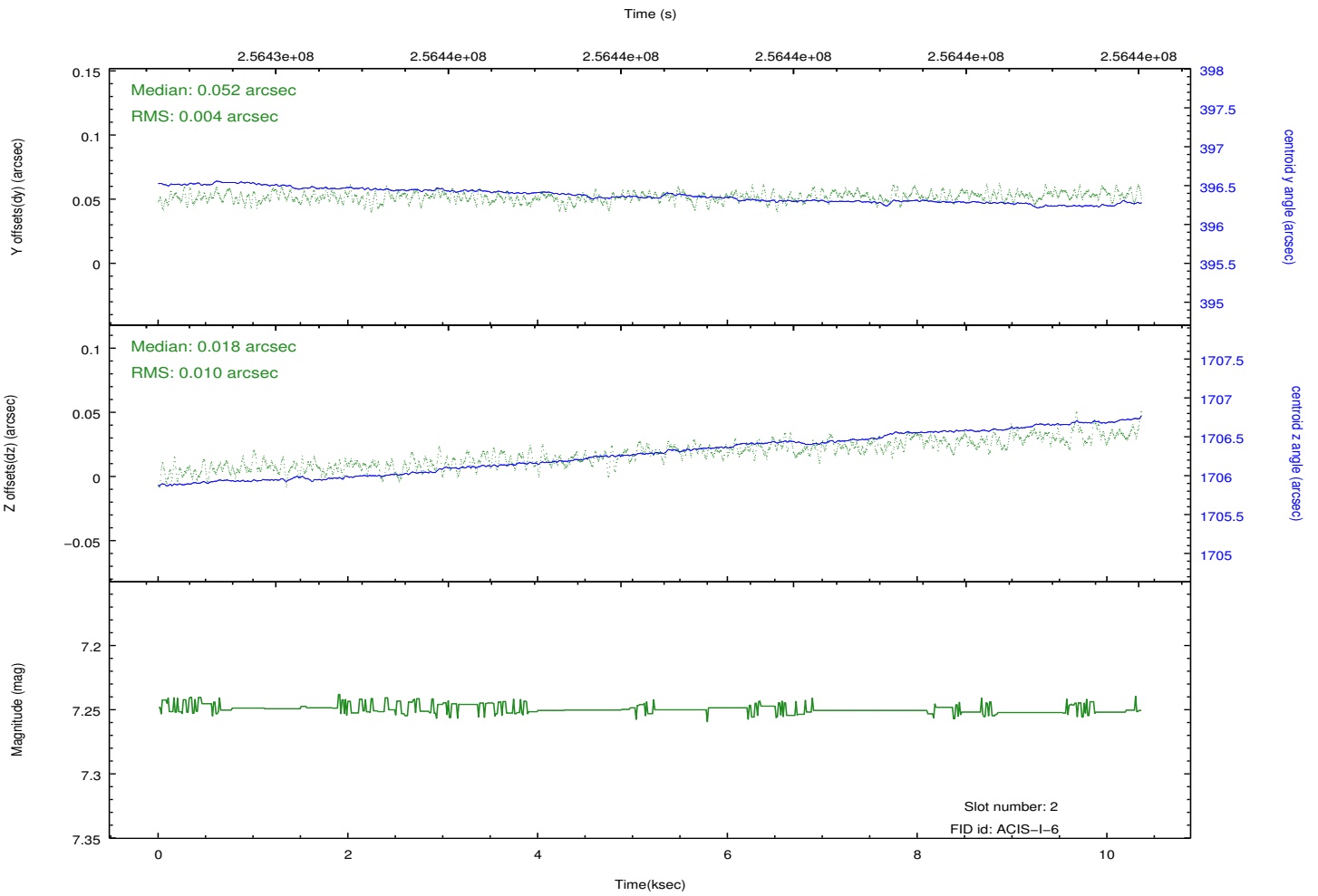
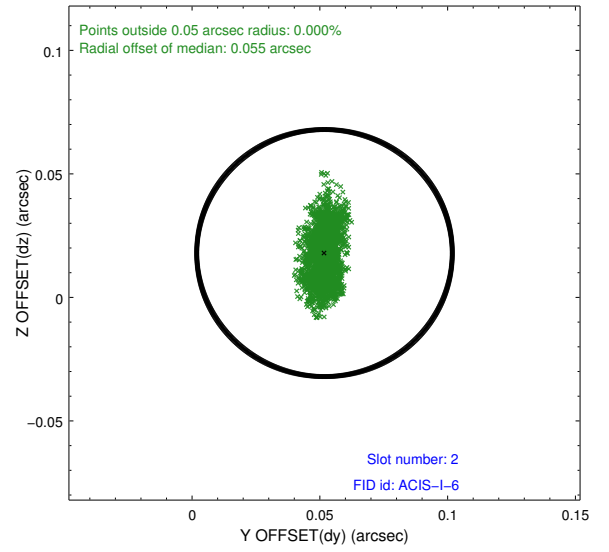
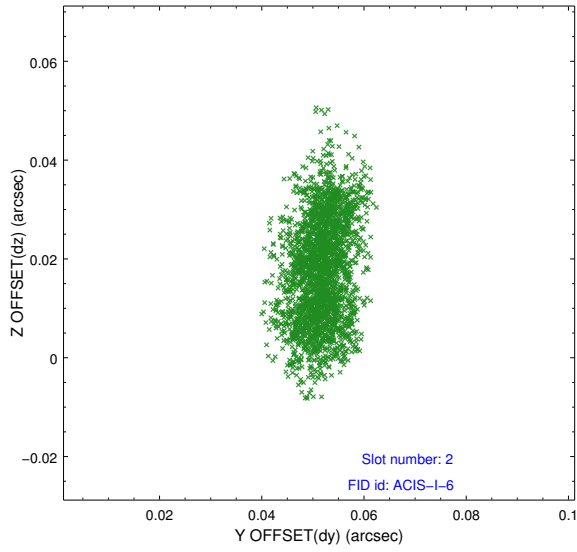
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.3539999

A.2 Comments