

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6799 - L2 Version 2
Chandra X-Ray Center

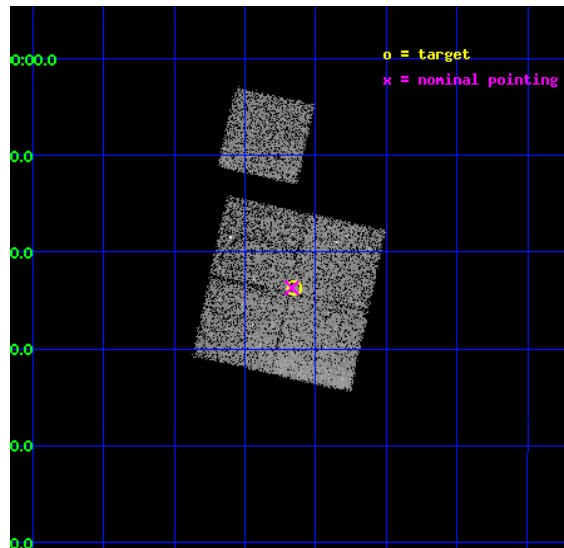
L2 Processing Date : Mar 24 2012

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1 Front

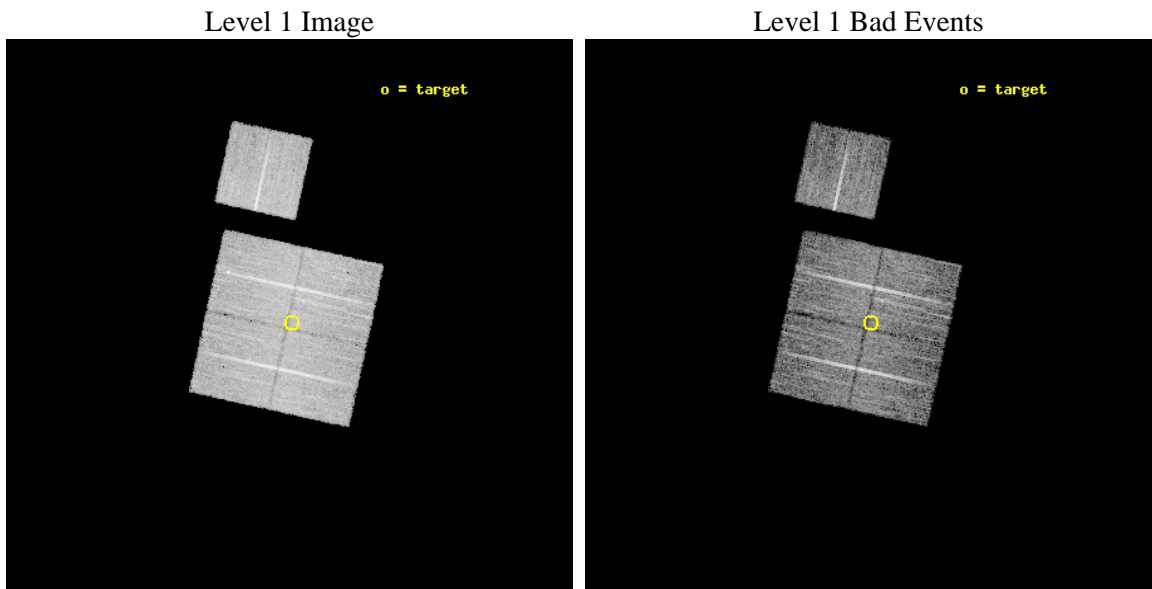
seq_num	701217	Sequence number
obs_id	6799	Observation id
title	AGN in the Outskirts of Low-Redshift Clusters of Galaxies	Proposal
observer	Prof. Paul Martini	Principal investigator
object	Abell754-P7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.2875	Observer's specified target RA [deg]
dec_targ	-9.394167	Observer's specified target Dec [deg]
ra_nom	137.29211623577	Nominal RA [deg]
dec_nom	-9.3950294235774	Nominal Dec [deg]
roll_nom	12.429757202226	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9773.3453245163	Sum of GTIs [s]
livetime	9645.6493728193	Livetime [s]
ontime0	9770.0812341273	Sum of GTIs [s]
ontime1	9773.2632445097	Sum of GTIs [s]
ontime2	9770.1632942259	Sum of GTIs [s]
ontime3	9773.3453245163	Sum of GTIs [s]
ontime6	9773.1811645031	Sum of GTIs [s]
l2events	34599	Number of level 2 events



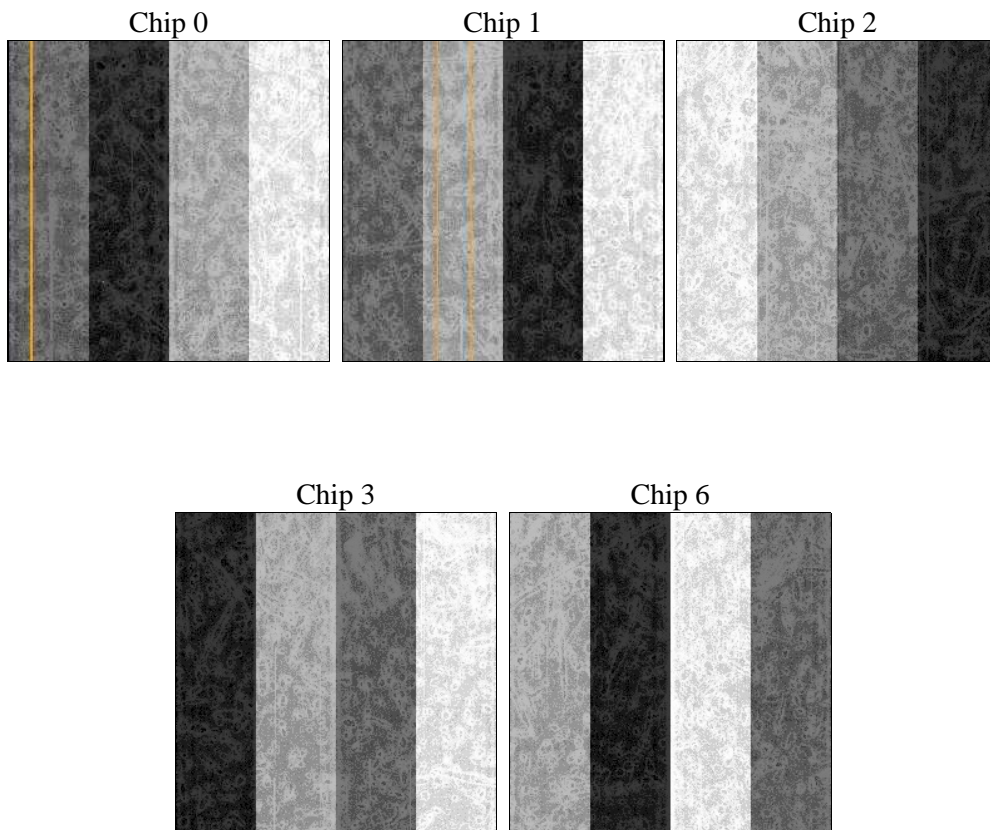
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	9773.3453245163	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	9770.0812341273	Sum of GTIs [s]
date	2012-03-24T06:18:52	Date and time of file creation	ontime1	9773.2632445097	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	9770.1632942259	Sum of GTIs [s]
			ontime3	9773.3453245163	Sum of GTIs [s]
			ontime6	9773.1811645031	Sum of GTIs [s]
			l1events	335793	Number of level 1 events

2.1.4 Events

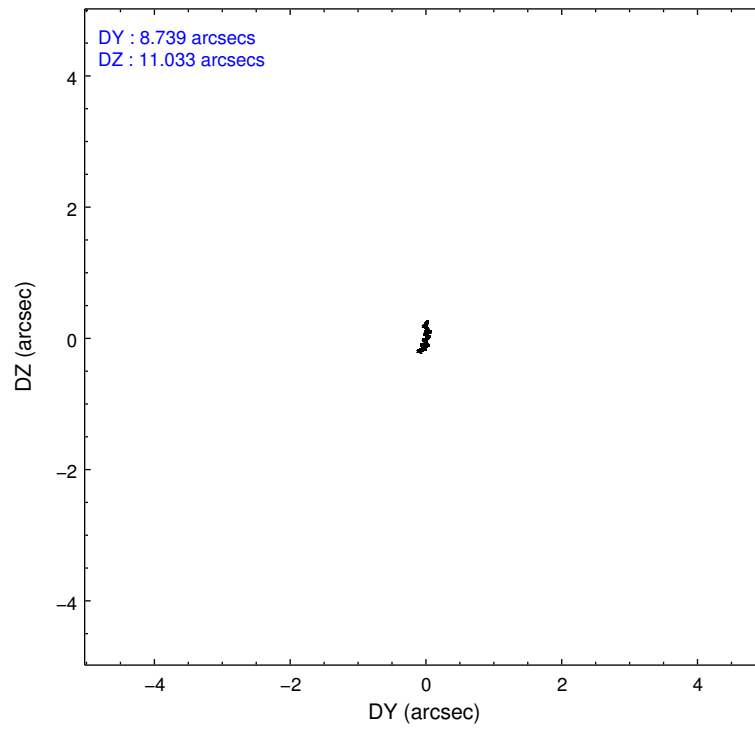
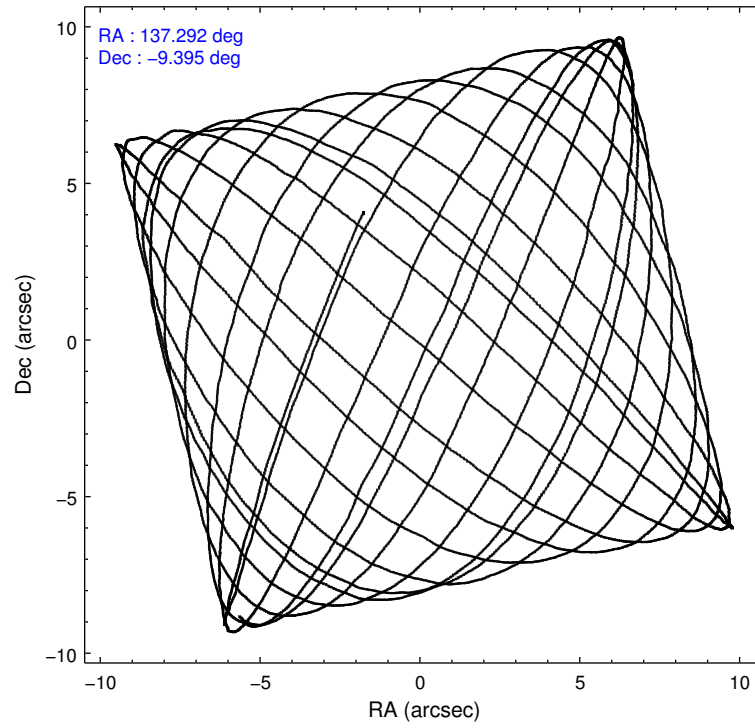
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	64284	67075	69976	67762	66696
rejected events	55700	56132	62835	60496	59953
rejected %	86%	83%	89%	89%	89%

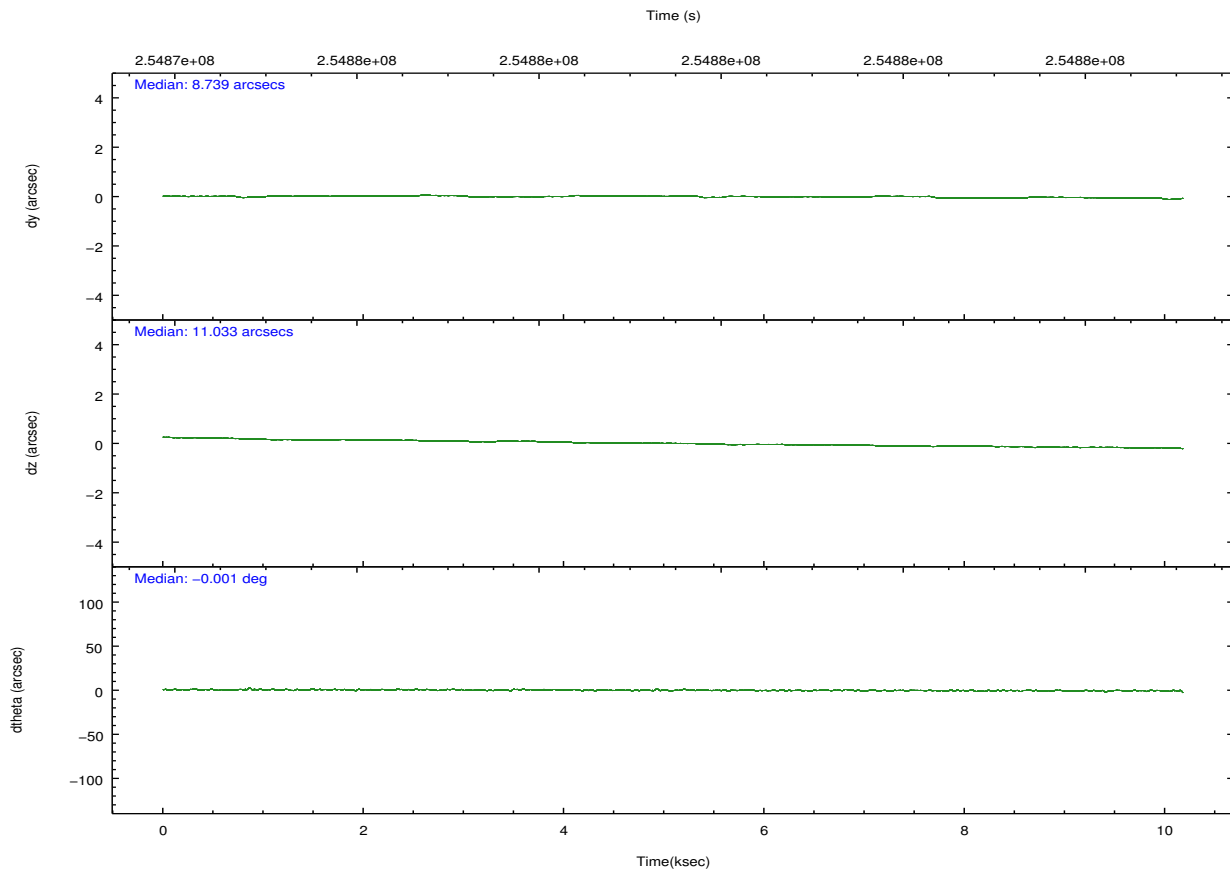
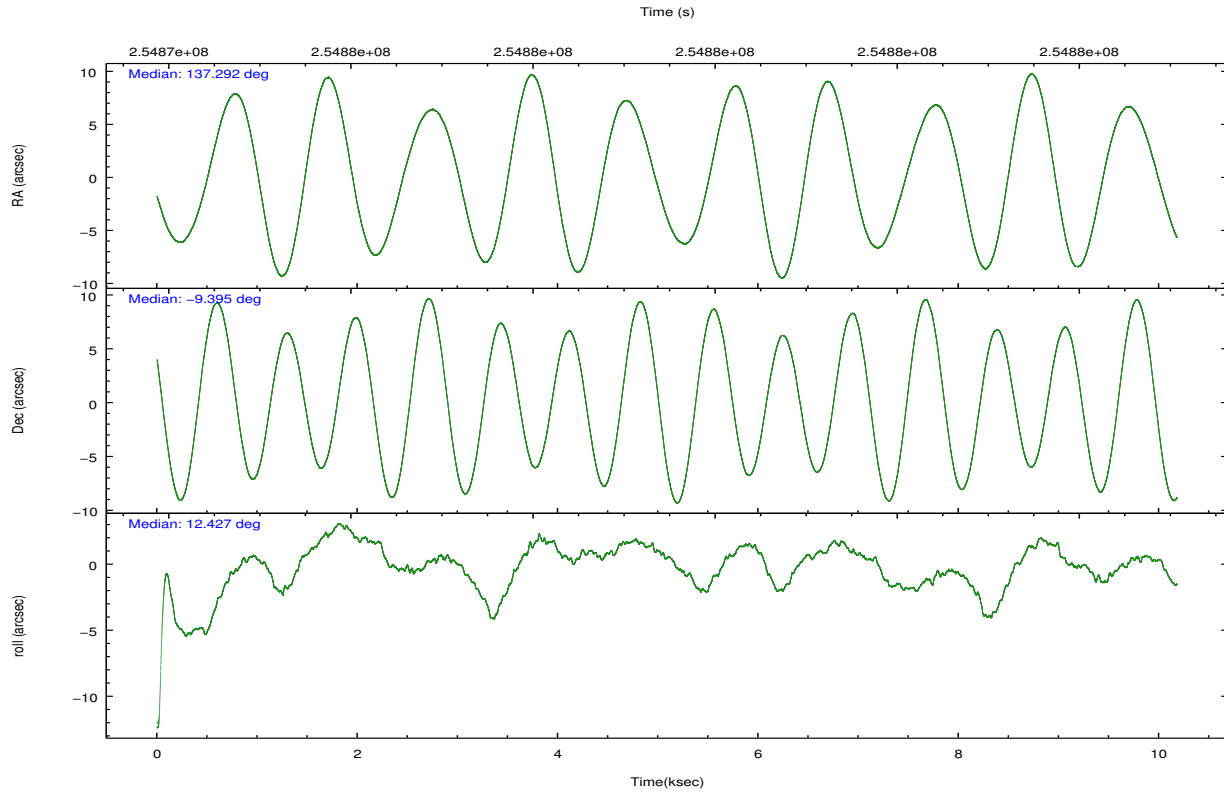
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3787	5553	2983	3000	2369
	5%	8%	4%	4%	3%
grade 1 events	49	40	40	36	36
	0%	0%	0%	0%	0%
grade 2 events	1777	1952	1576	1476	1416
	2%	2%	2%	2%	2%
grade 3 events	871	943	665	714	794
	1%	1%	0%	1%	1%
grade 4 events	824	944	712	731	748
	1%	1%	1%	1%	1%
grade 5 events	2327	2529	2213	2672	2676
	3%	3%	3%	3%	4%
grade 6 events	1330	1561	1209	1346	1421
	2%	2%	1%	1%	2%
grade 7 events	53319	53553	60578	57787	57236
	82%	79%	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	137.271713	137.29211623577	Subarray requested	NONE	NONE
[deg] Pointing Dec	-9.413571	-9.395029423577384	Alternating exposures requested	N	N
[deg] Pointing Roll	12.217736	12.42975720222638	[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)	254874568.184000	254874191.55281			
Observation start date	2006-01-28T22:28:23	2006-01-28T22:23:11			
[s] Observation end time (MET)	254884568.184000	254885588.52834			
Observation end date	2006-01-29T01:15:03	2006-01-29T01:33:08			
Read mode	TIMED	TIMED			

2.3 Aspect



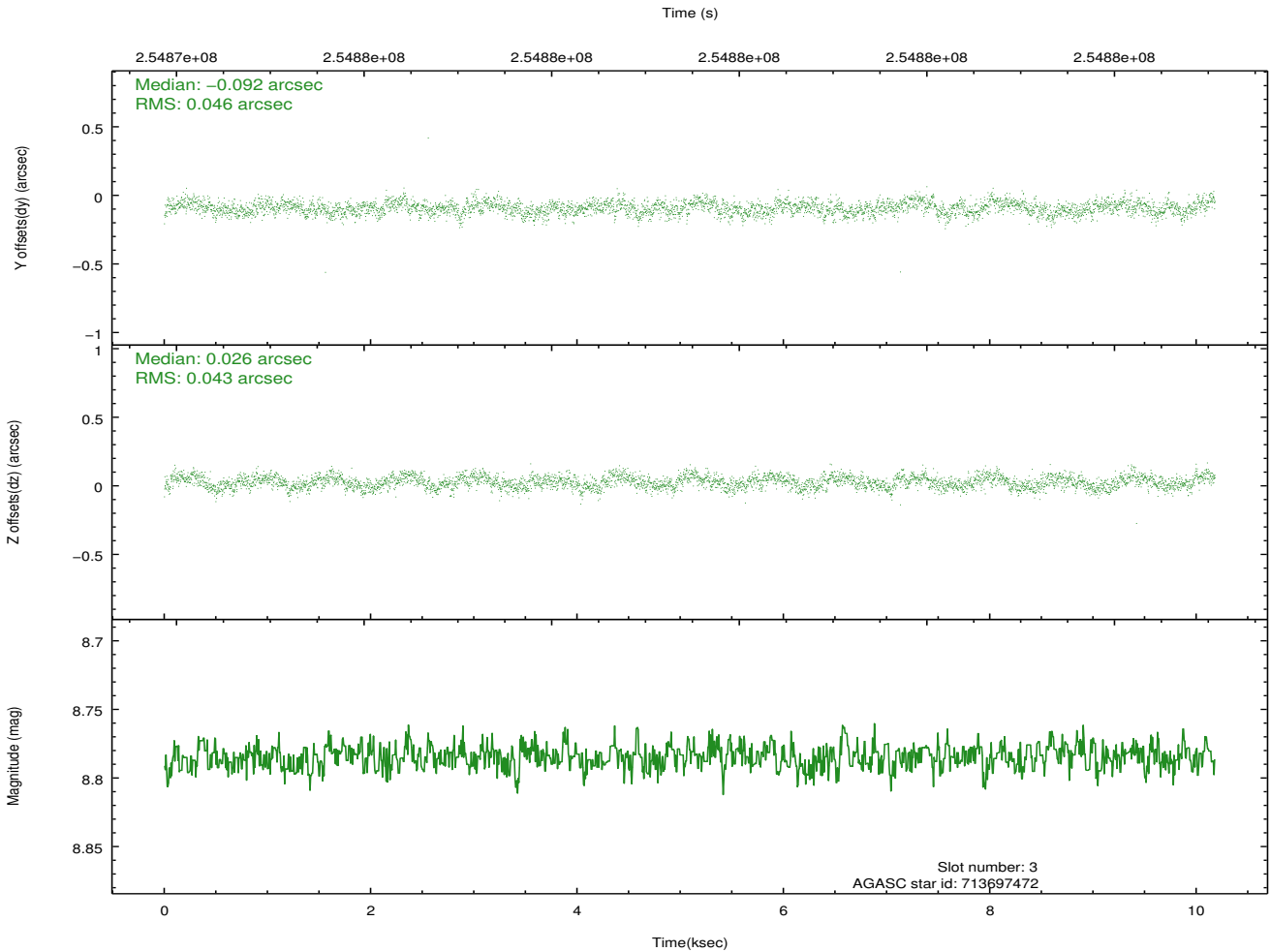
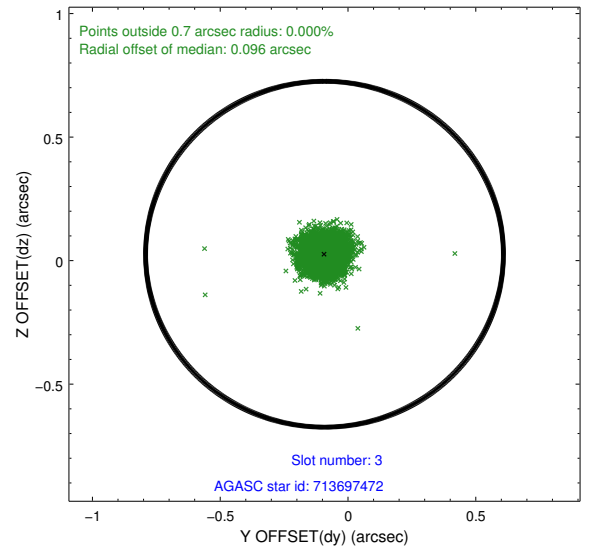
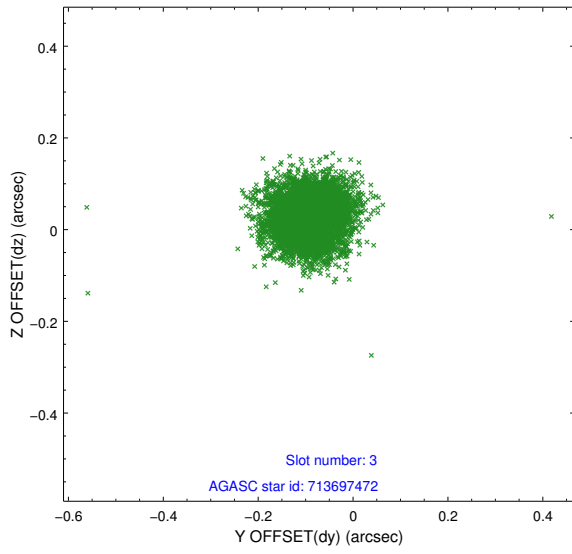


Slot Statistics

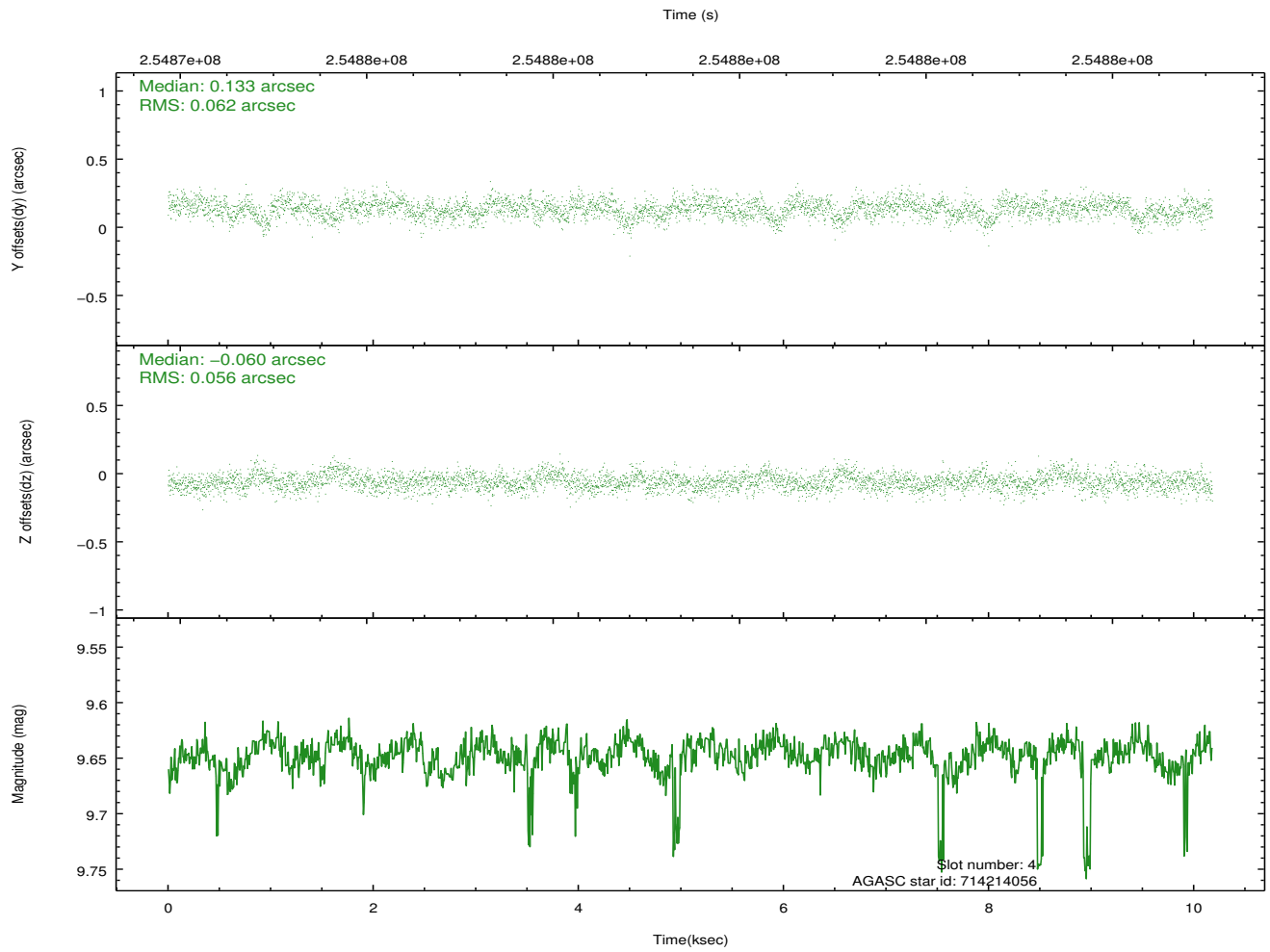
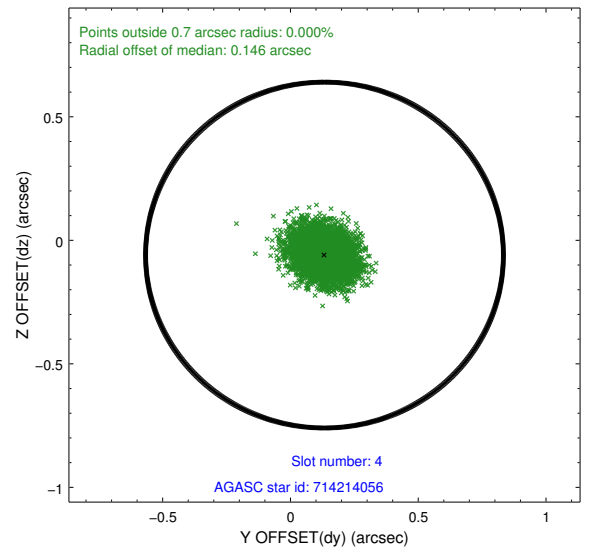
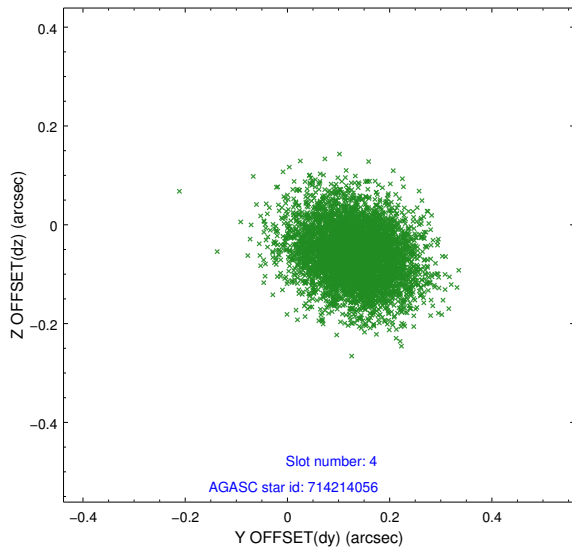
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	2483	0.054	-0.032	0.008	0.013	0.000000	0.000000	930.94	-834.58
1	FID	ACIS-I-5	7.23	2483	-0.202	0.058	0.007	0.011	0.000000	0.000000	-1817.10	1062.78
2	FID	ACIS-I-6	7.25	2483	0.057	0.045	0.007	0.012	0.000000	0.000000	395.97	1707.82
3	GUIDE	713697472	8.78	4966	-0.092	0.026	0.066	0.106	137.813086	-8.899103	2273.55	1401.60
4	GUIDE	714214056	9.65	4949	0.133	-0.060	0.088	0.146	136.720848	-9.374587	-1882.06	550.11
5	GUIDE	714218056	8.24	4967	-0.012	0.066	0.065	0.108	136.949916	-9.853677	-1450.91	-1307.12
6	GUIDE	714220096	8.14	4966	0.056	-0.130	0.077	0.121	137.167337	-9.384108	-340.17	182.29
7	GUIDE	714222888	7.22	4966	-0.087	0.102	0.052	0.083	137.419411	-9.937881	112.58	-1955.34

2.4 Star Slots

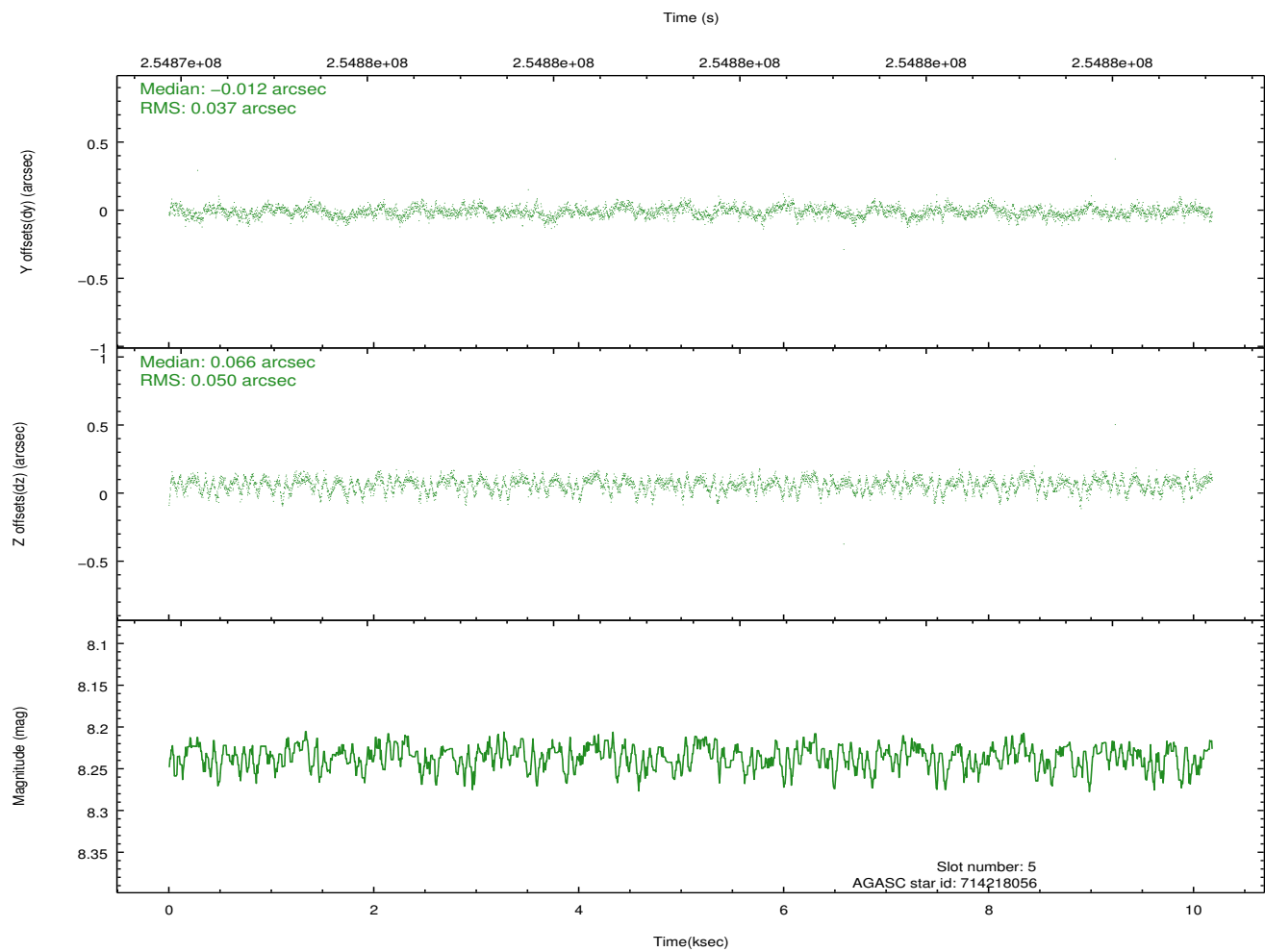
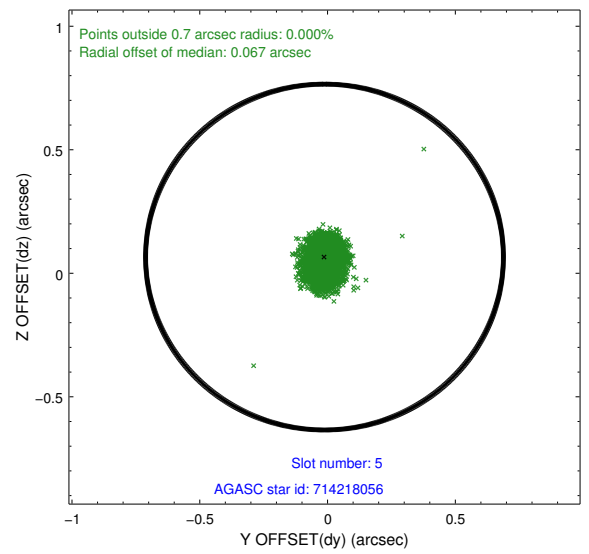
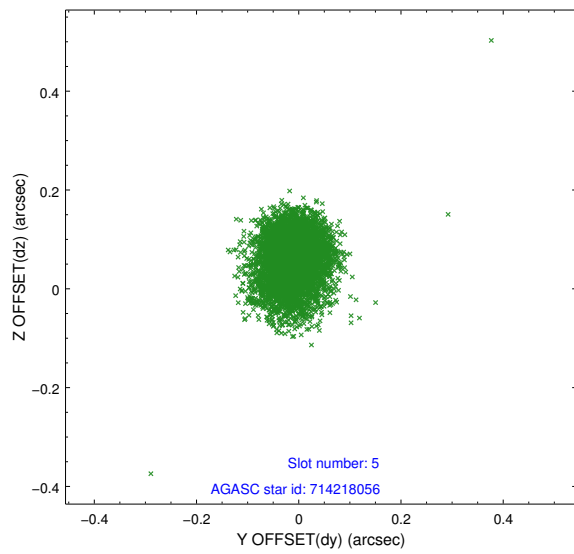
2.4.1 Slot 3



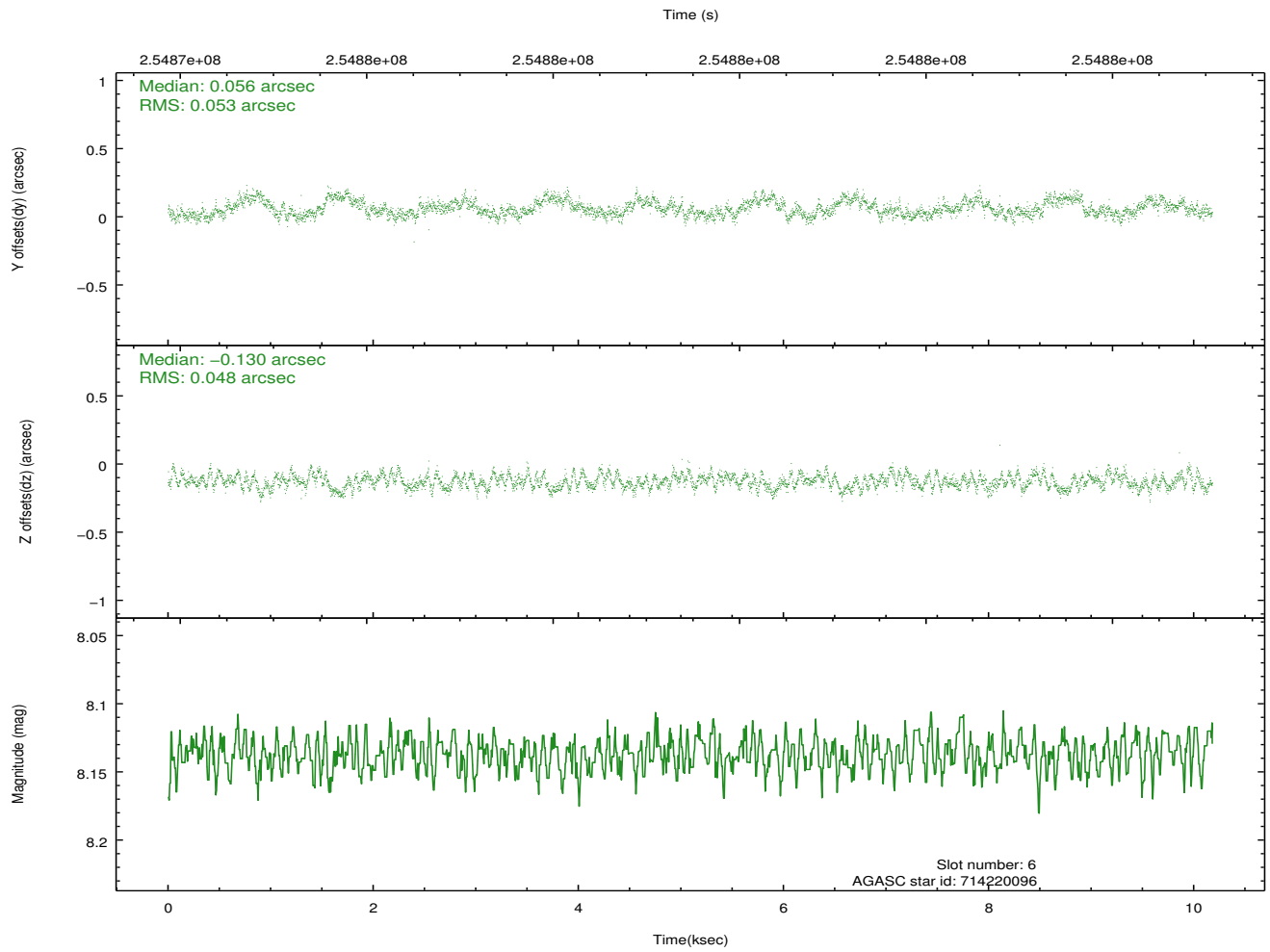
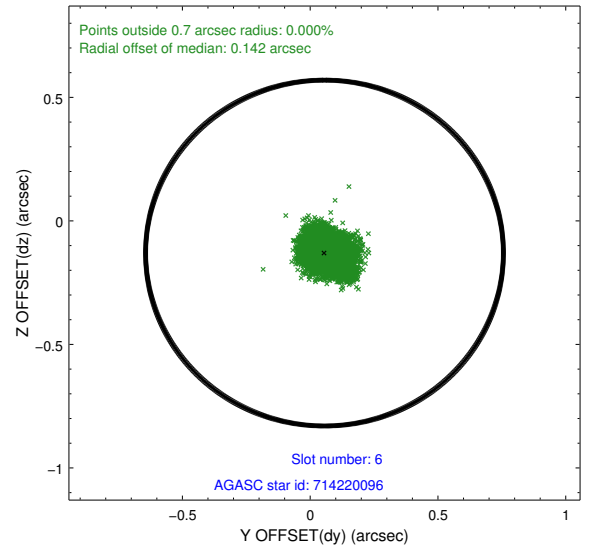
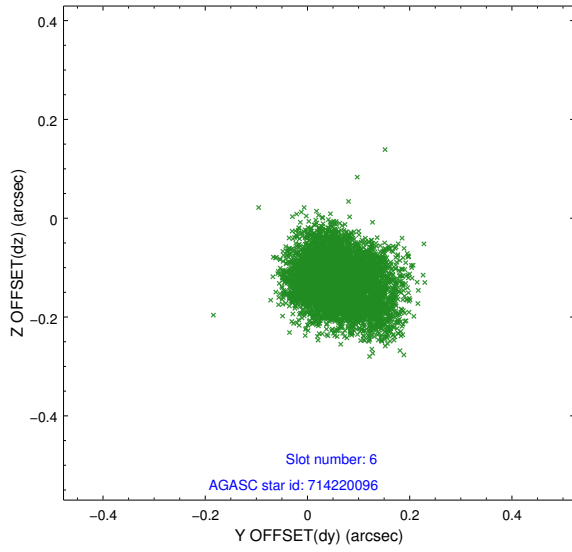
2.4.2 Slot 4



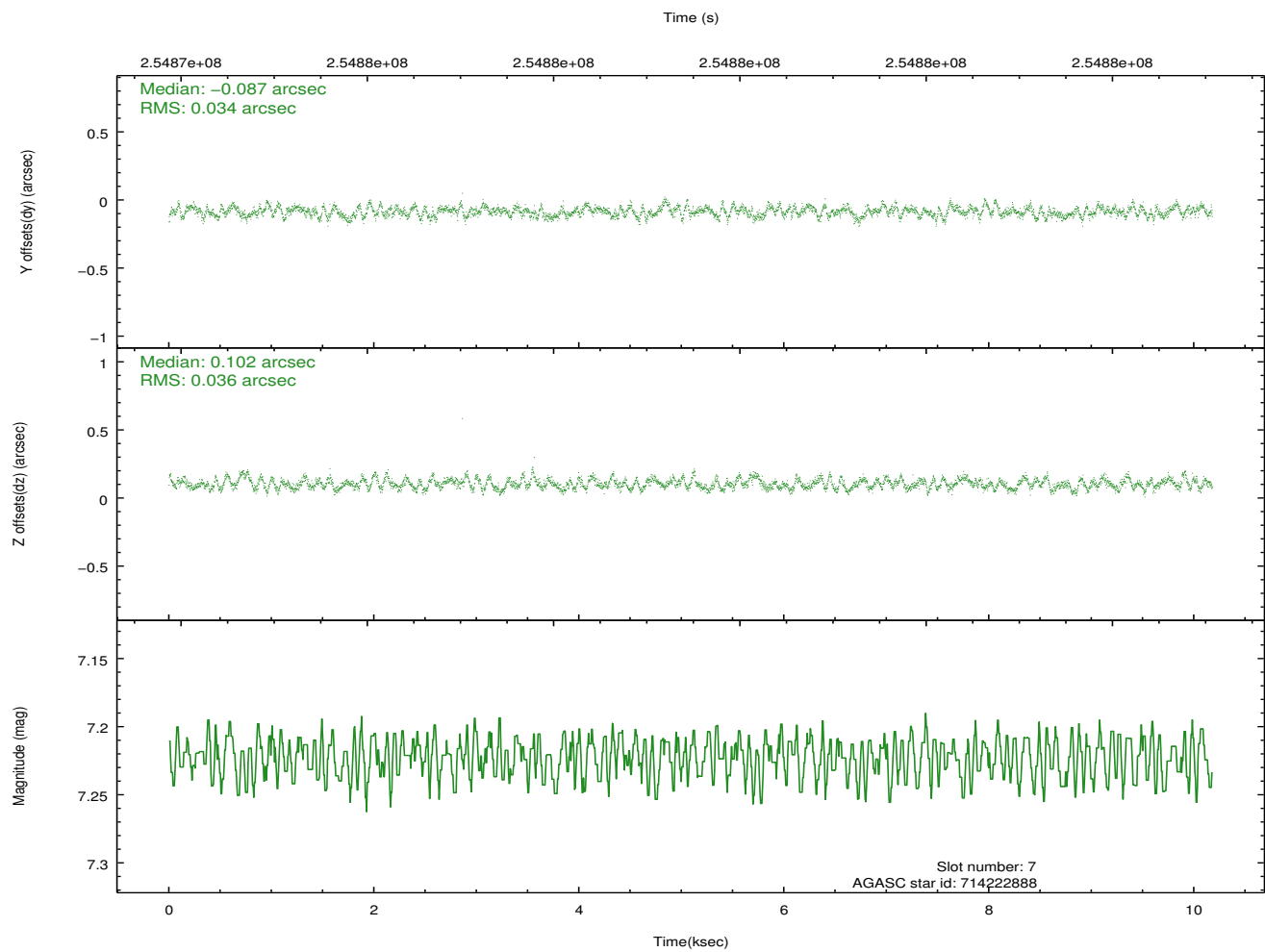
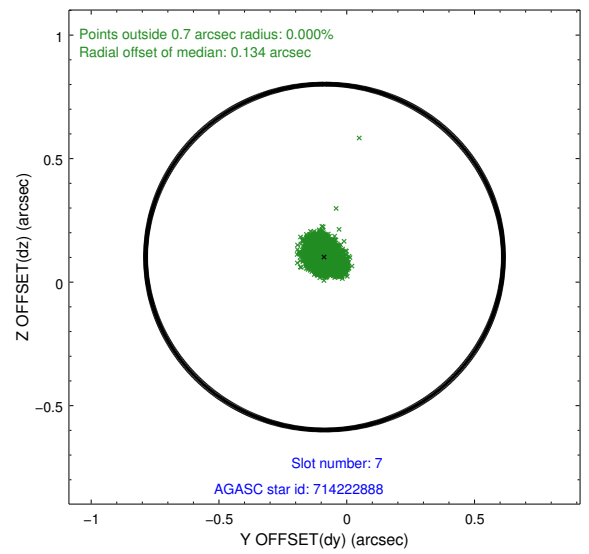
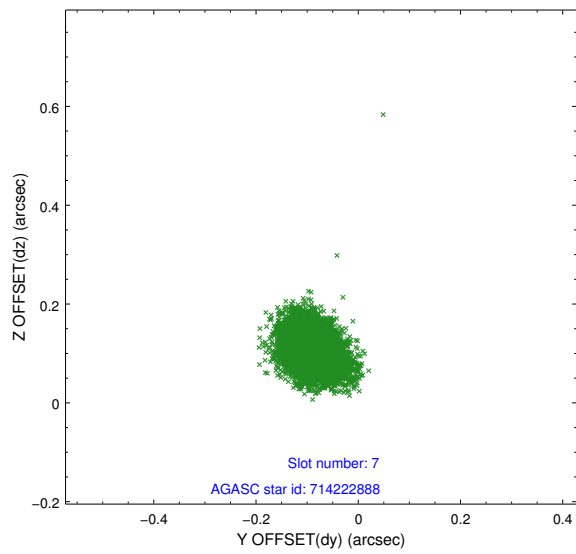
2.4.3 Slot 5



2.4.4 Slot 6

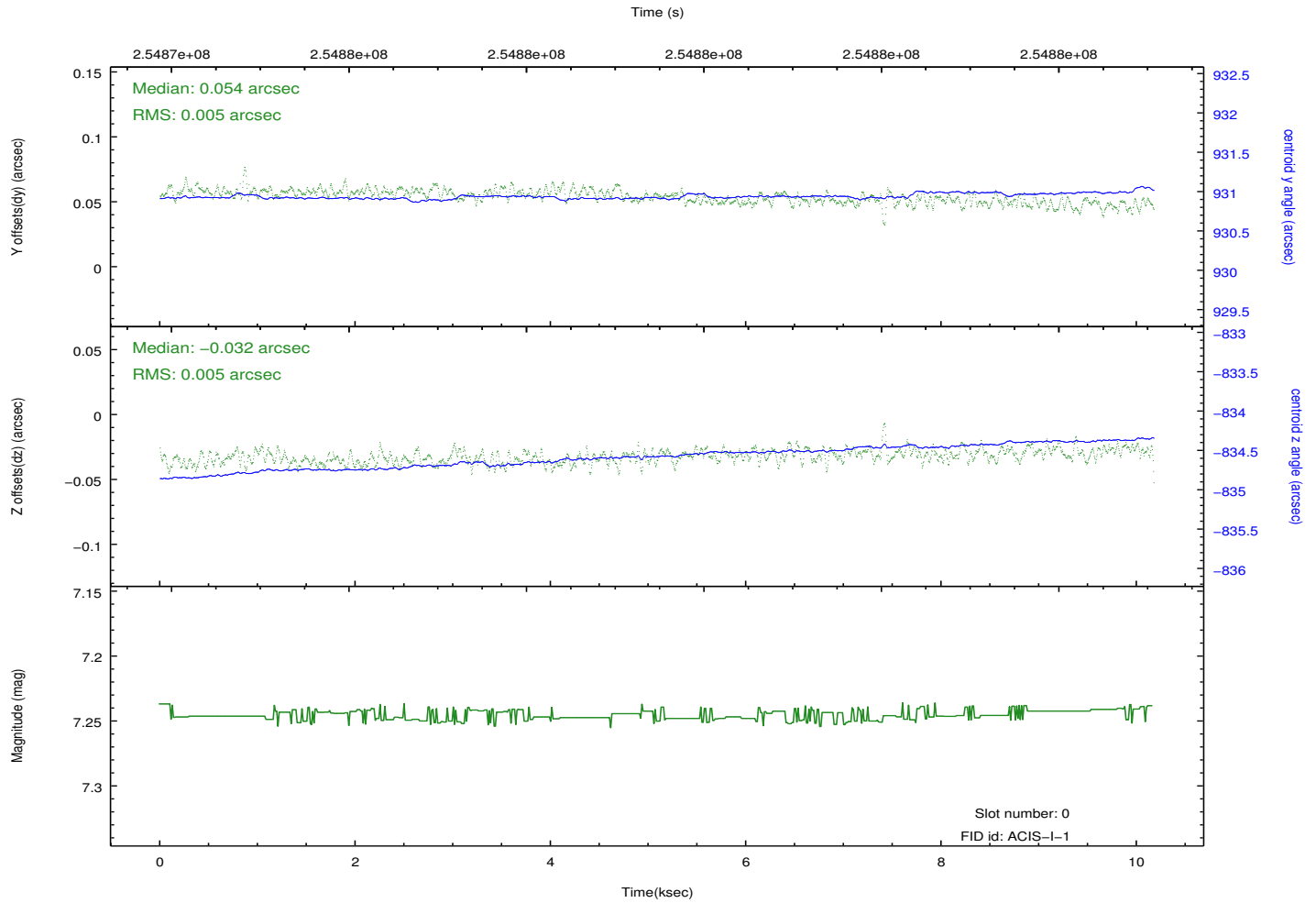
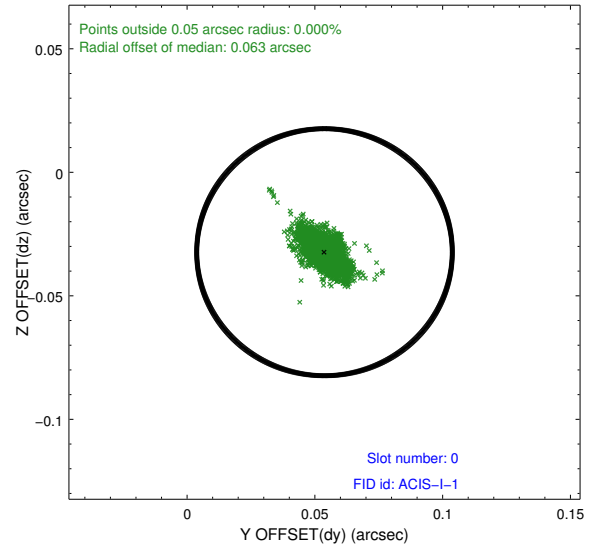
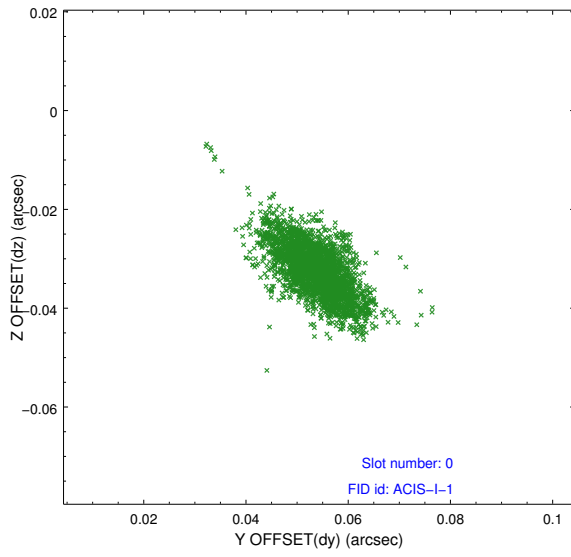


2.4.5 Slot 7

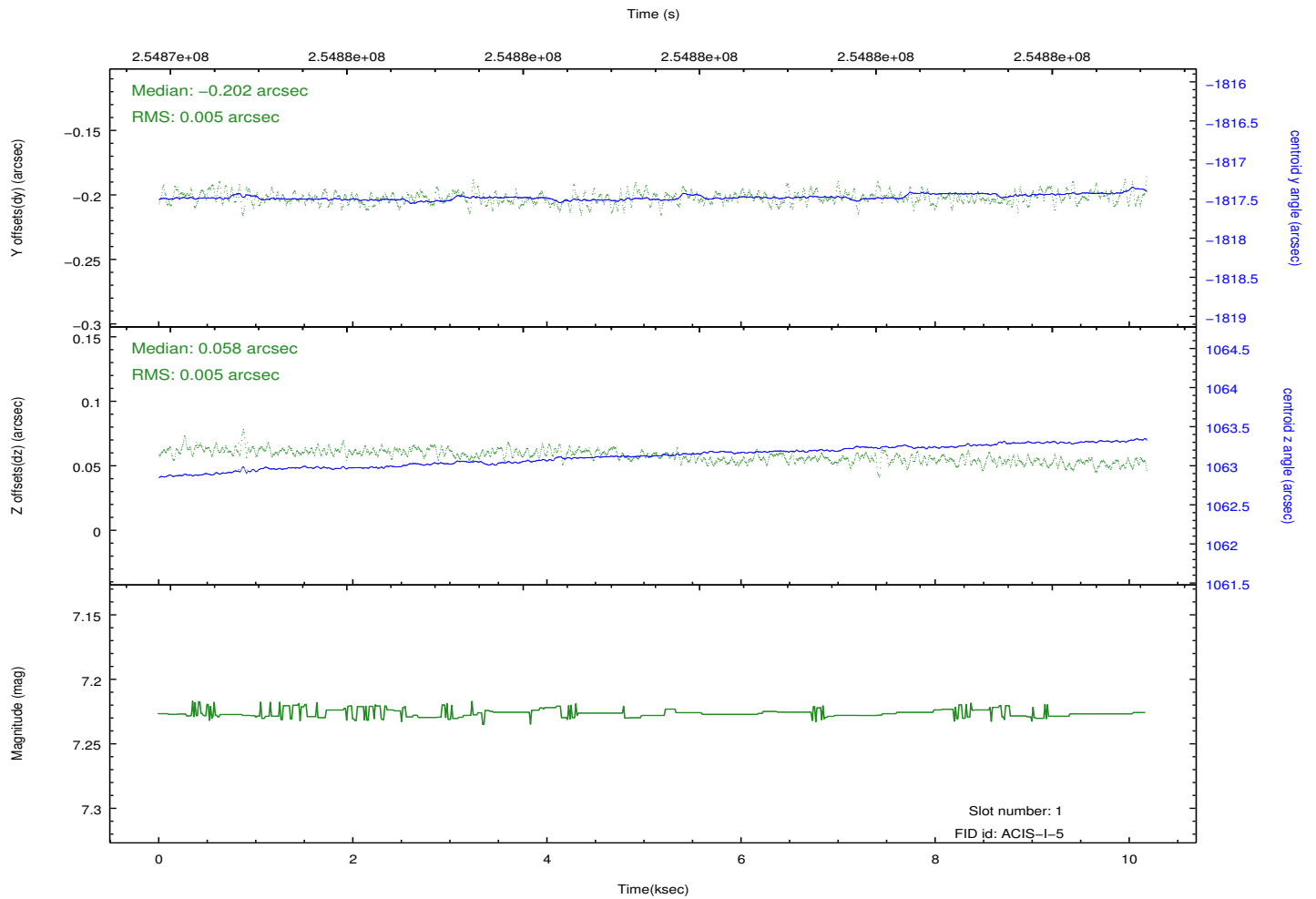
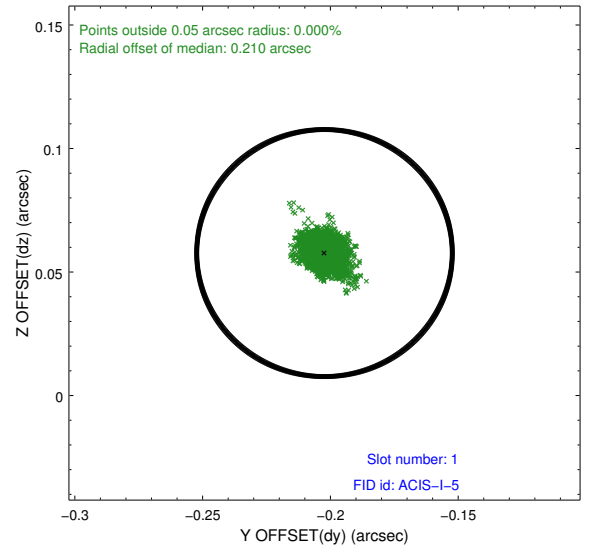
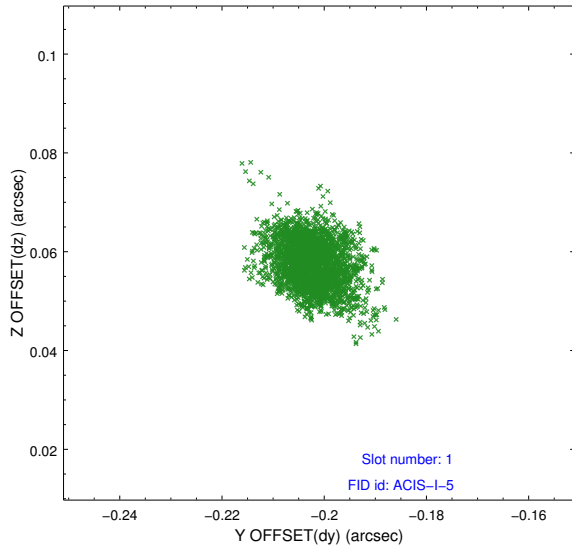


2.5 FID Slots

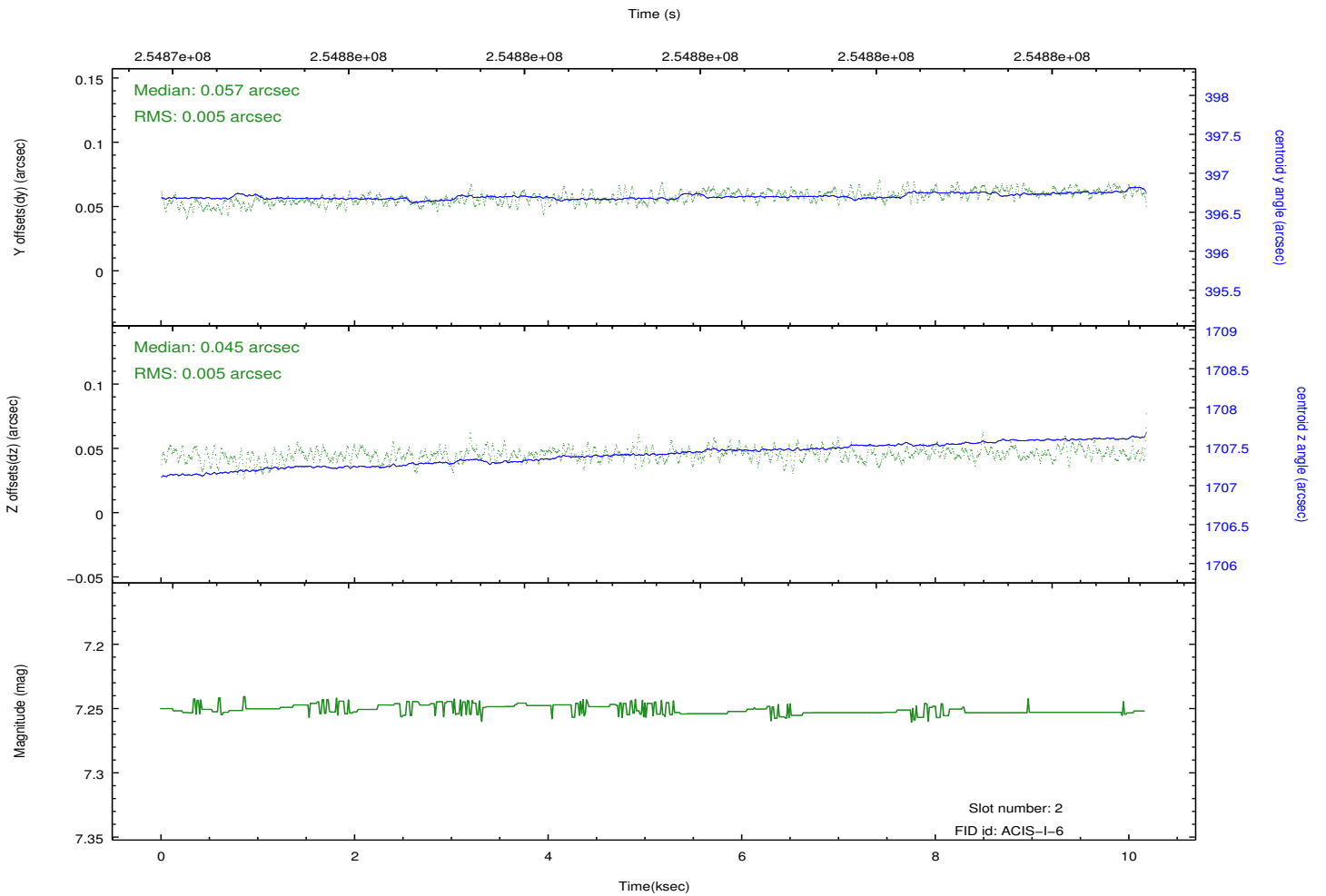
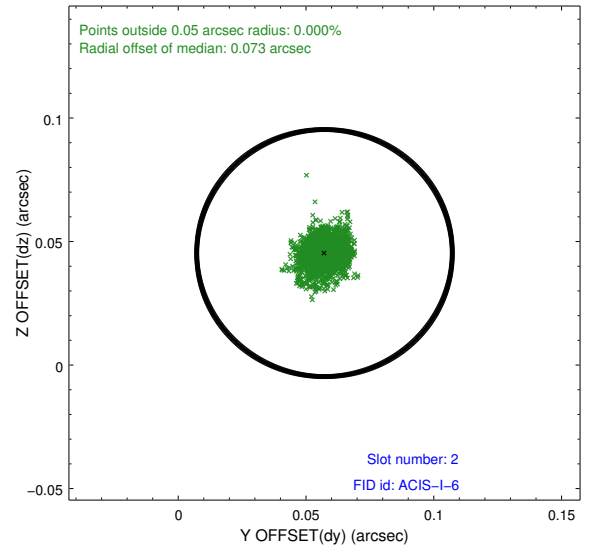
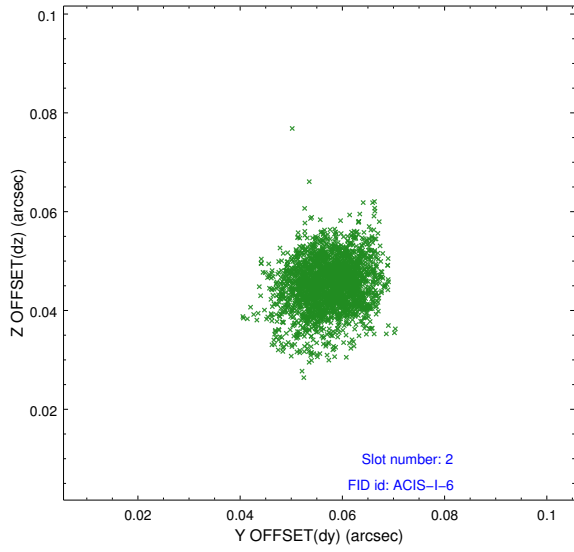
2.5.1 Slot 0



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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.77429998

A.2 Comments