

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2806 - L2 Version 3
Chandra X-Ray Center

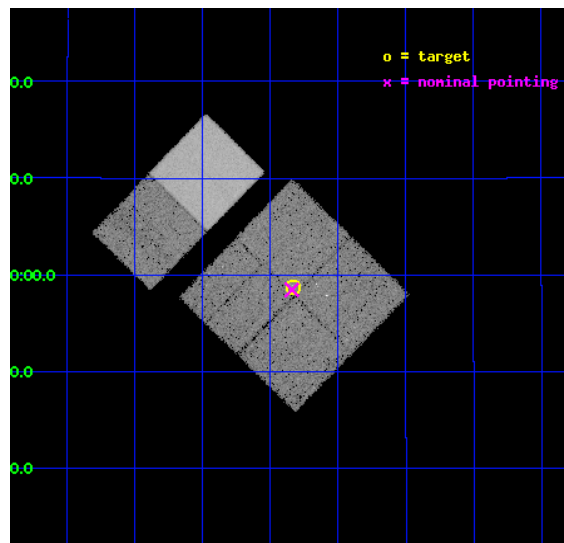
L2 Processing Date : Oct 18 2012

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1 Front

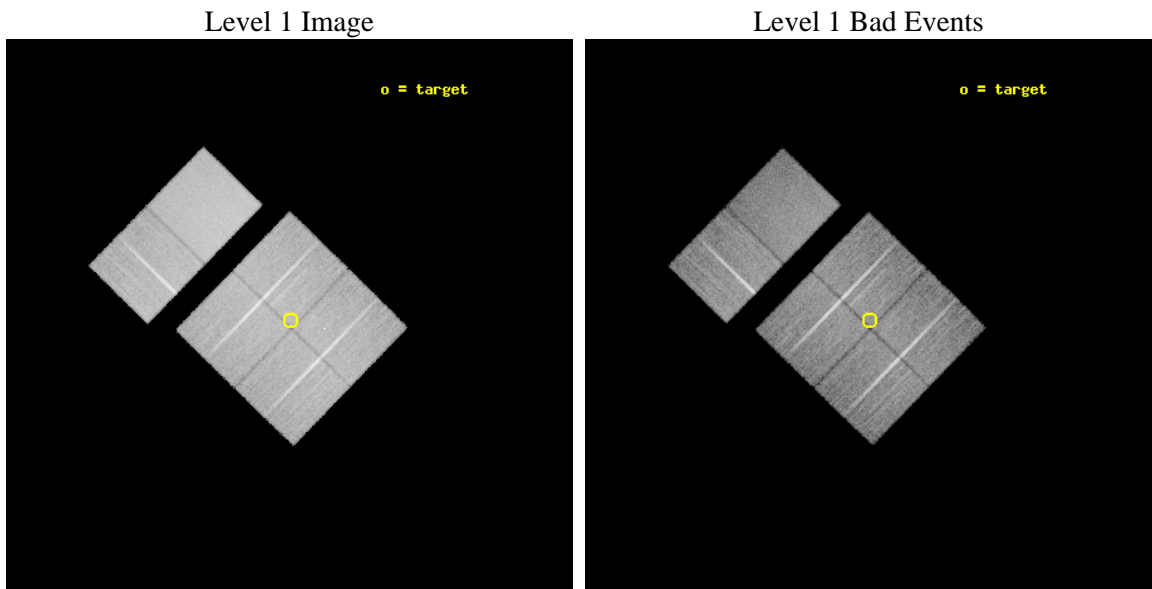
seq_num	500256	Sequence number
obs_id	2806	Observation id
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS	Proposa
observer	Prof. Shrinivas Kulkarni	Principal investigator
object	G054.4-0.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	293.333333	Observer's specified target RA [deg]
dec_targ	18.978889	Observer's specified target Dec [deg]
ra_nom	293.33511131887	Nominal RA [deg]
dec_nom	18.974577401952	Nominal Dec [deg]
roll_nom	314.25551791914	Nominal Roll [deg]
revision	3	Processing version of data
ontime	24959.999907017	Sum of GTIs [s]
livetime	24643.941359087	Livetime [s]
ontime0	24959.999907017	Sum of GTIs [s]
ontime1	24959.999907017	Sum of GTIs [s]
ontime2	24959.999907017	Sum of GTIs [s]
ontime3	24959.999907017	Sum of GTIs [s]
ontime6	24956.758946776	Sum of GTIs [s]
ontime7	24959.999907017	Sum of GTIs [s]
l2events	173414	Number of level 2 events



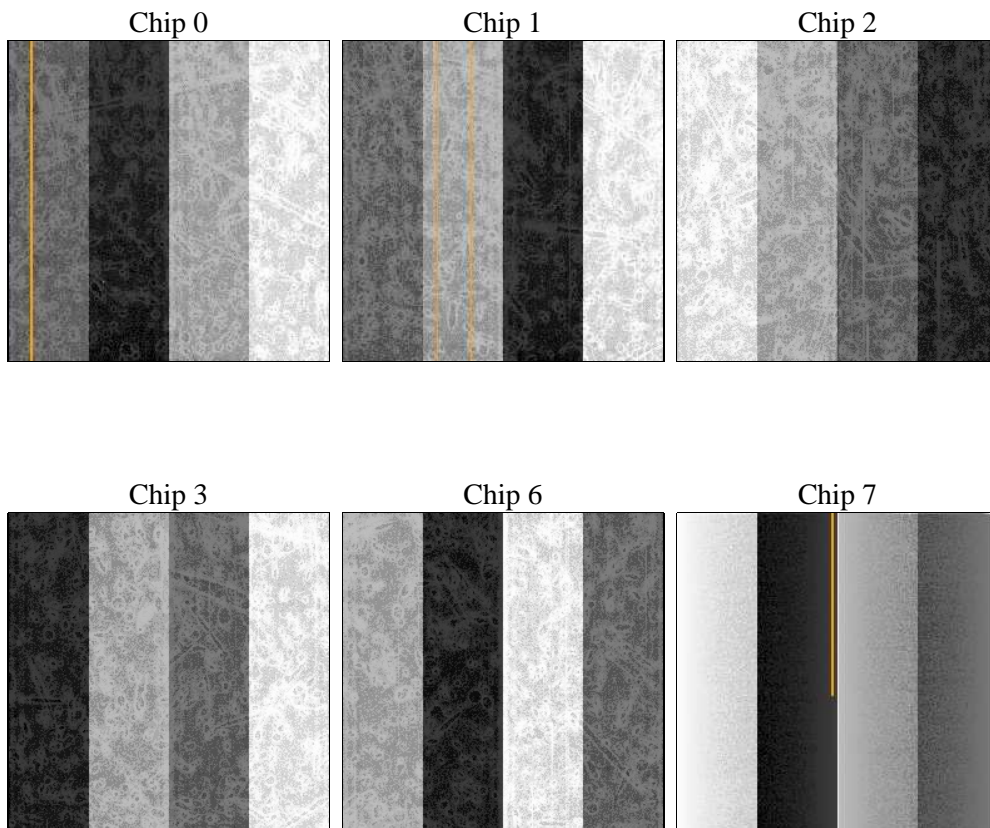
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	24959.999907017	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	24959.999907017	Sum of GTIs [s]
date	2012-10-18T14:22:41	Date and time of file creation	ontime1	24959.999907017	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	24959.999907017	Sum of GTIs [s]
			ontime3	24959.999907017	Sum of GTIs [s]
			ontime6	24956.758946776	Sum of GTIs [s]
			ontime7	24959.999907017	Sum of GTIs [s]
			l1events	999695	Number of level 1 events

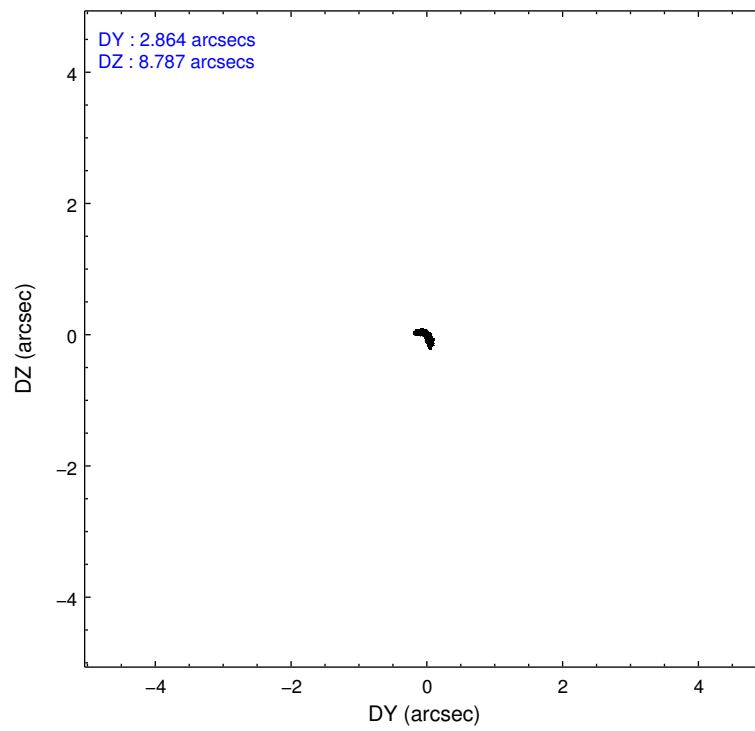
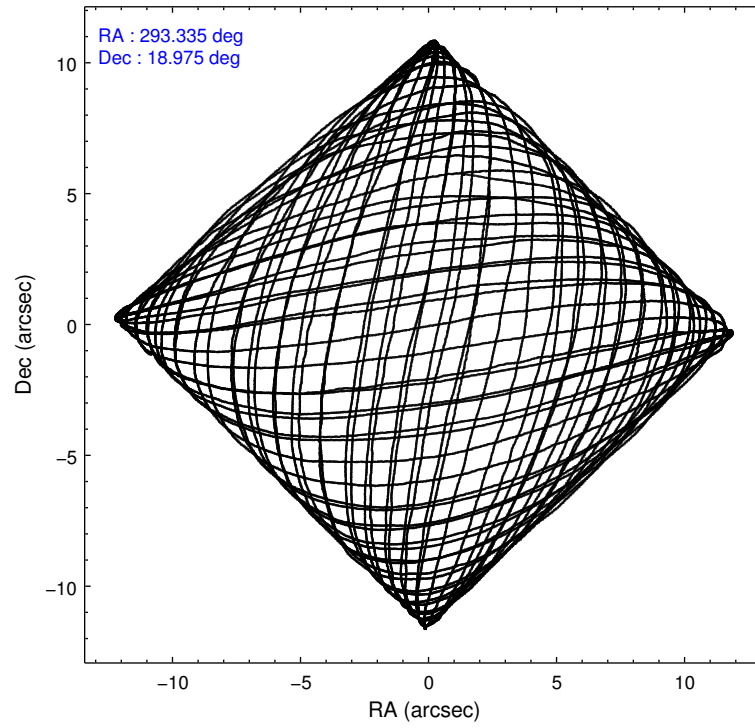
2.1.4 Events

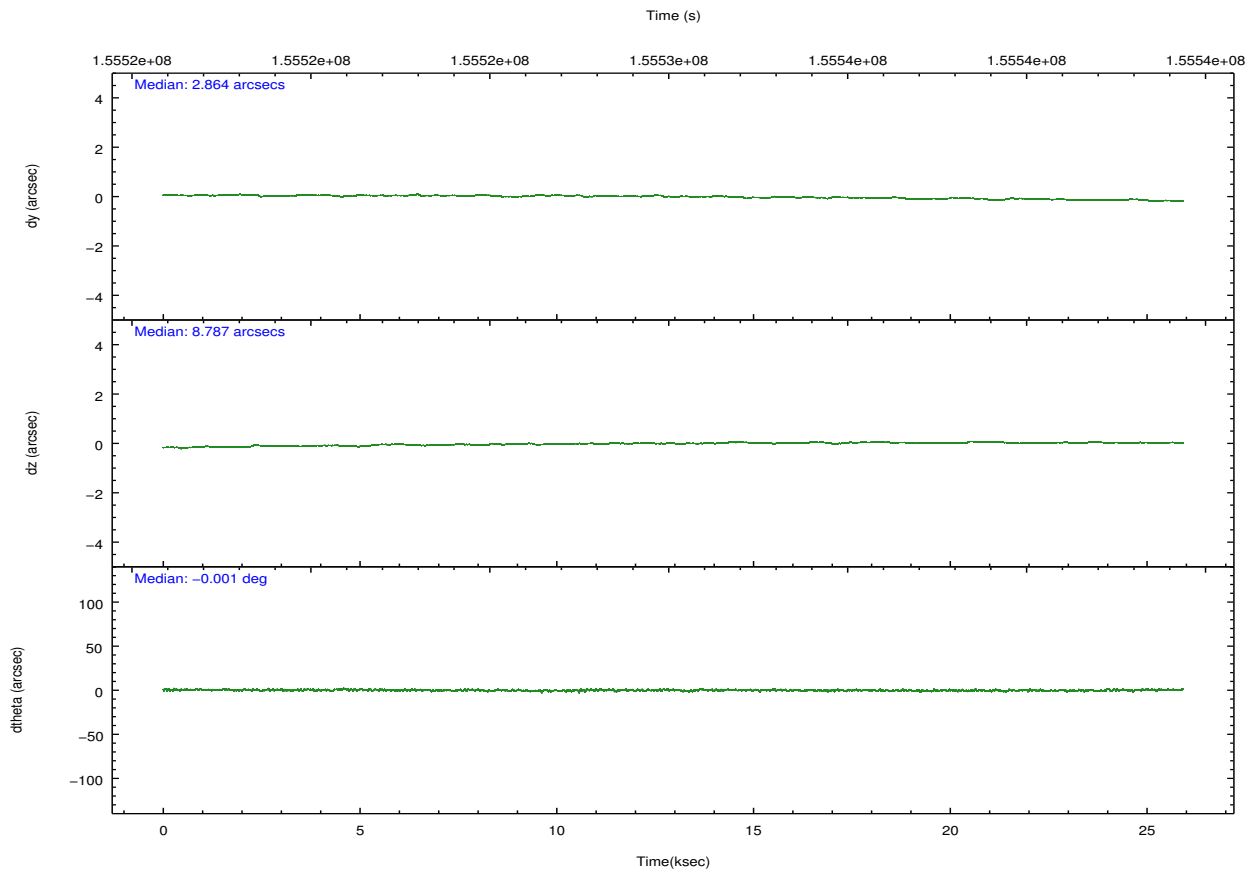
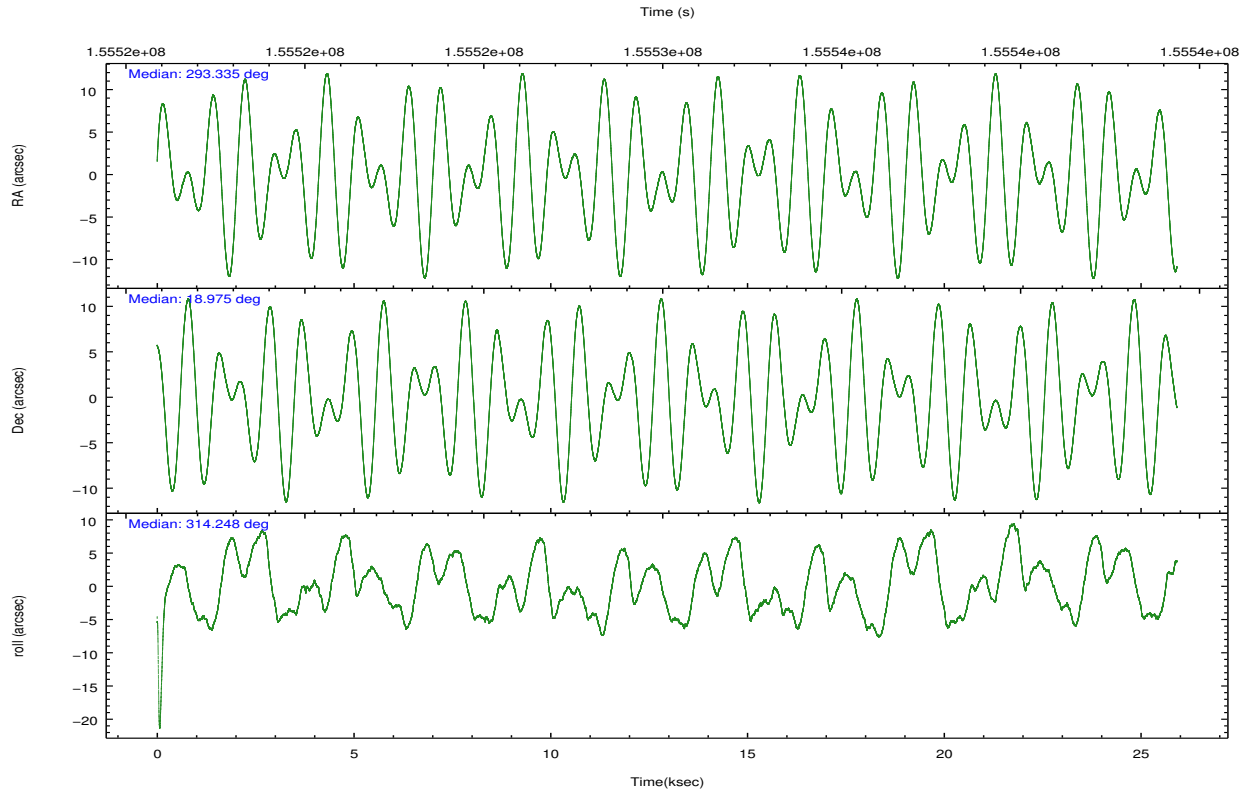
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	148093	150160	160086	160493	168451	212412	grade 0 events	9248	9461	9815	9678	7924	8047
rejected events	127785	128707	139718	140353	149008	124930		6%	6%	6%	6%	4%	3%
rejected %	86%	85%	87%	87%	88%	58%	grade 1 events	92	97	102	104	93	209
								0%	0%	0%	0%	0%	0%
							grade 2 events	3984	4275	3823	3602	3899	17008
								2%	2%	2%	2%	2%	8%
							grade 3 events	1909	2015	1883	1772	1884	7930
								1%	1%	1%	1%	1%	3%
							grade 4 events	1813	1979	1830	1793	1843	7862
								1%	1%	1%	1%	1%	3%
							grade 5 events	6155	6570	6092	7019	7314	20457
								4%	4%	3%	4%	4%	9%
							grade 6 events	3358	3731	3023	3297	3894	46643
								2%	2%	1%	2%	2%	21%
							grade 7 events	121534	122032	133518	133228	141600	104256
								82%	81%	83%	83%	84%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	293.307211	293.3351113188708	Subarray requested	NONE	NONE
[deg] Pointing Dec	18.981888	18.97457740195238	Alternating exposures requested	N	N
[deg] Pointing Roll	314.055909	314.2555179191414	[s] Primary exposure time	0.000000	3.2
[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)	155518081.184000	155516749.52337			
Observation start date	2002-12-05T23:26:57	2002-12-05T23:05:49			
[s] Observation end time (MET)	155543081.184000	155543879.22451			
Observation end date	2002-12-06T06:23:37	2002-12-06T06:37:59			
Read mode	TIMED	TIMED			

2.3 Aspect



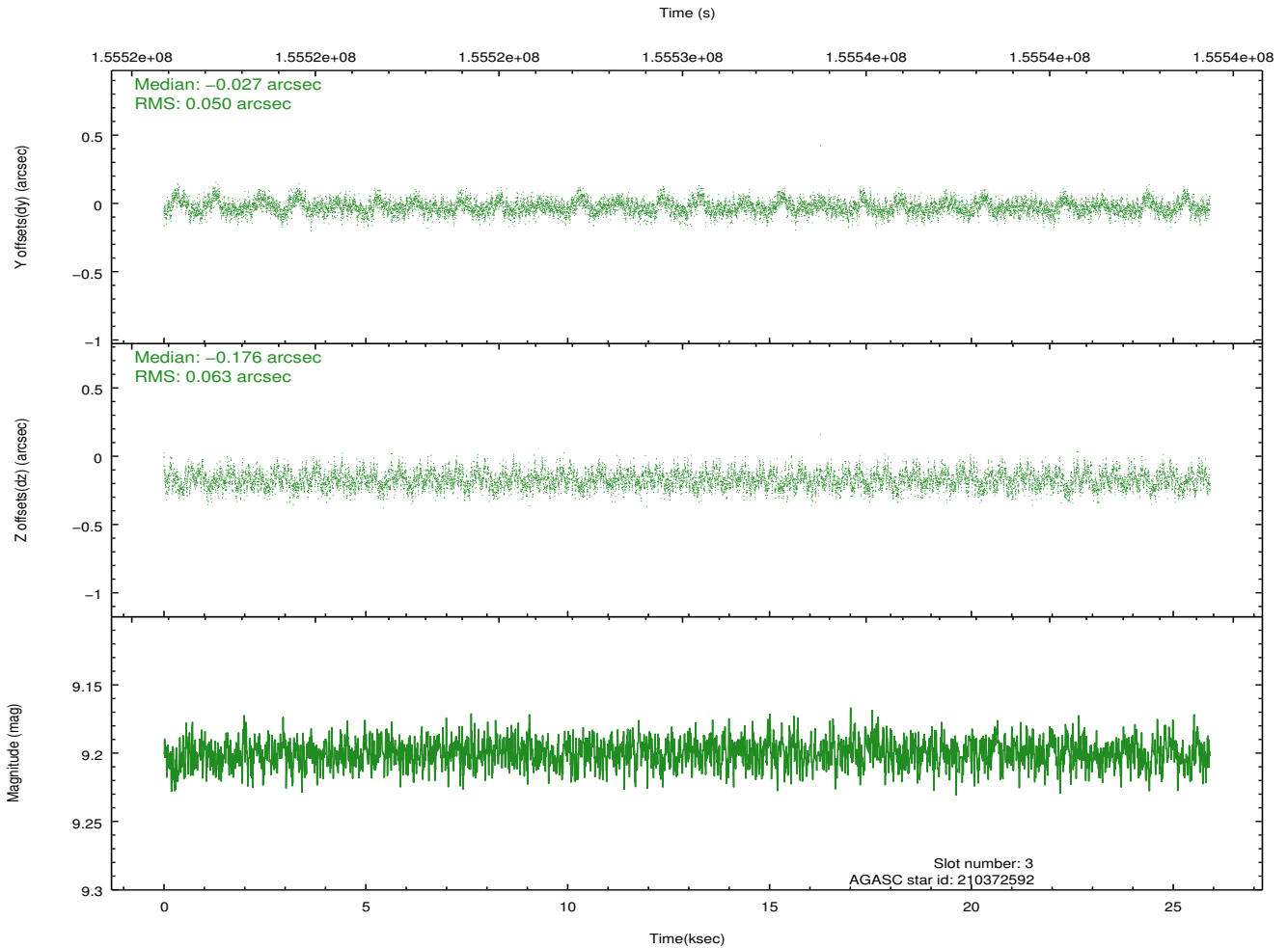
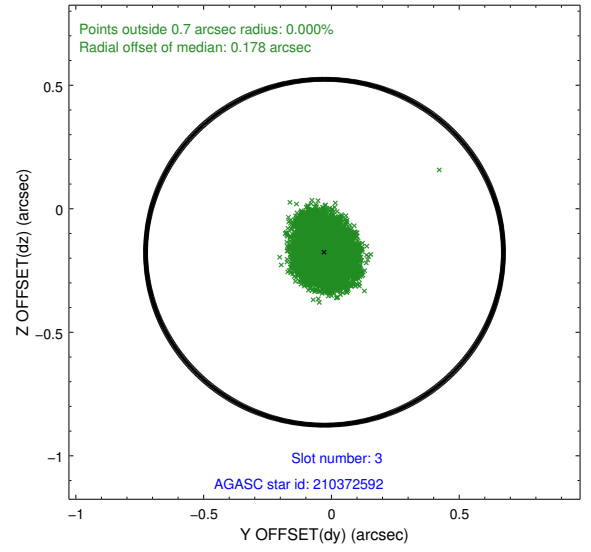
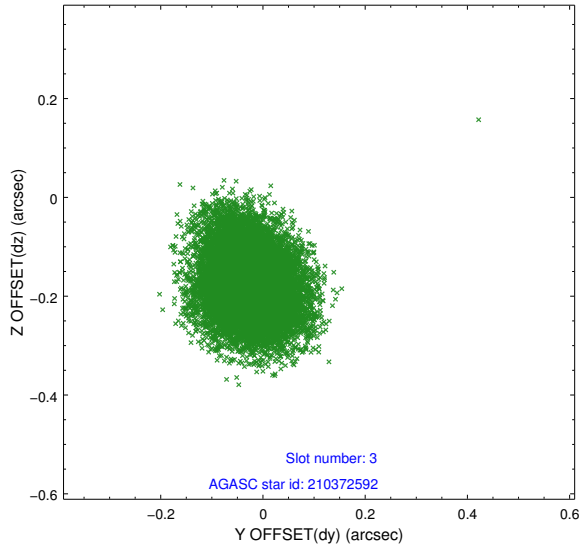


Slot Statistics

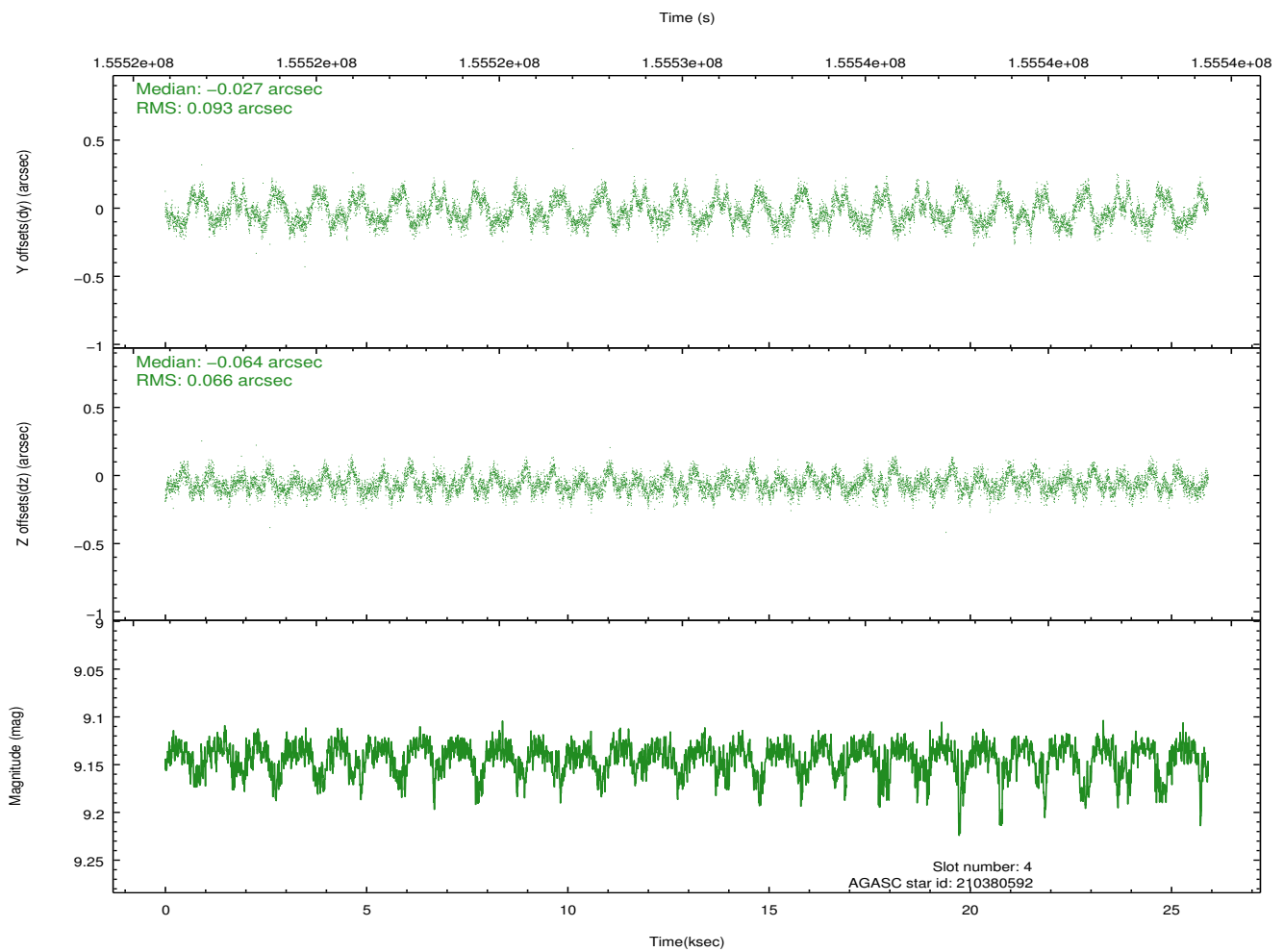
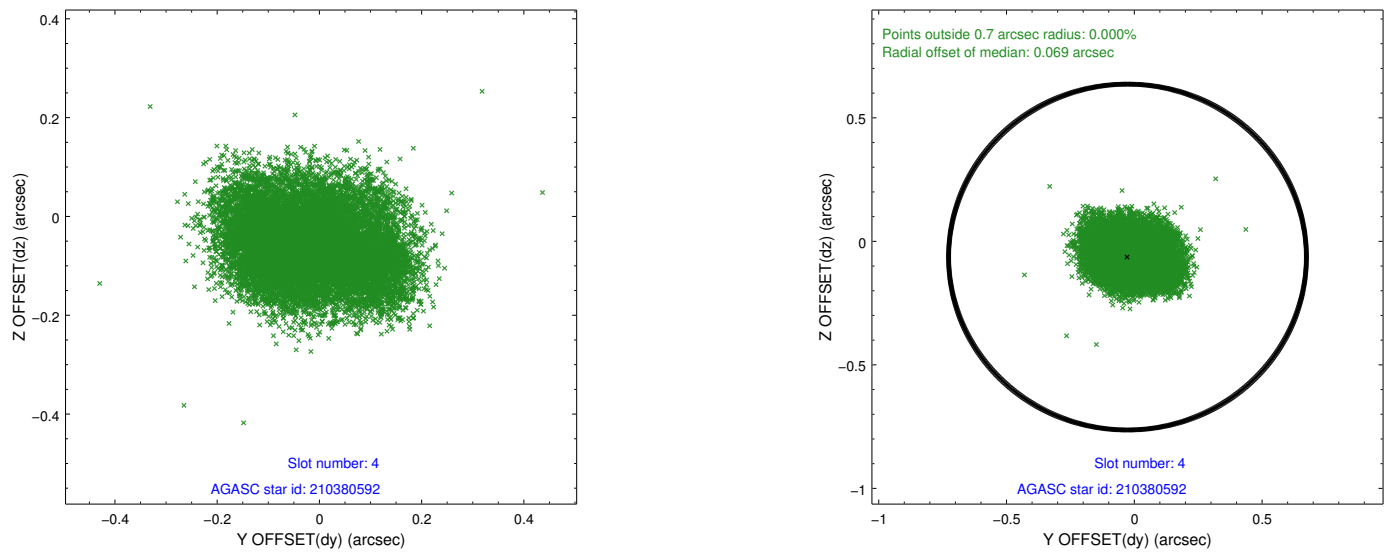
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	6320	-0.071	0.058	0.007	0.013	0.000000	0.000000	936.87	-832.16
1	FID	ACIS-I-4	7.19	6317	0.052	0.038	0.009	0.015	0.000000	0.000000	2157.12	1067.56
2	FID	ACIS-I-6	7.25	6321	-0.078	-0.031	0.008	0.014	0.000000	0.000000	402.94	1709.82
3	GUIDE	210372592	9.20	12636	-0.027	-0.176	0.086	0.138	292.900736	18.702395	-240.41	-1694.95
4	GUIDE	210380592	9.14	12634	-0.027	-0.064	0.125	0.191	293.362355	18.406916	1619.95	-1304.11
5	GUIDE	210901216	9.58	12635	-0.161	-0.045	0.136	0.203	292.588783	19.192934	-2246.74	-1224.22
6	GUIDE	210911344	9.28	12635	-0.061	-0.005	0.091	0.145	293.760695	19.338260	148.48	2000.37
7	GUIDE	211032464	9.53	12636	0.275	0.289	0.097	0.156	294.261480	18.927904	2394.29	2207.12

2.4 Star Slots

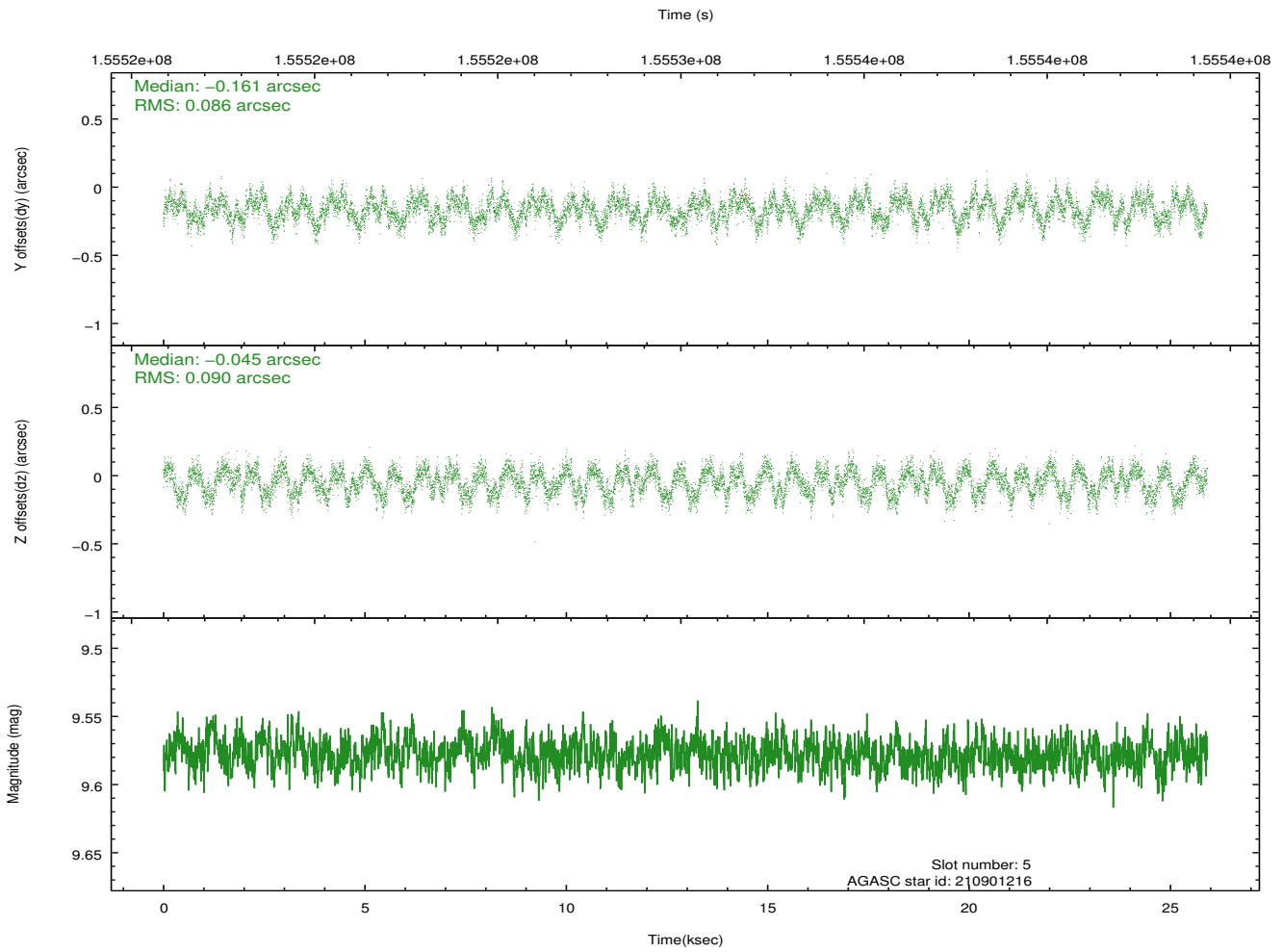
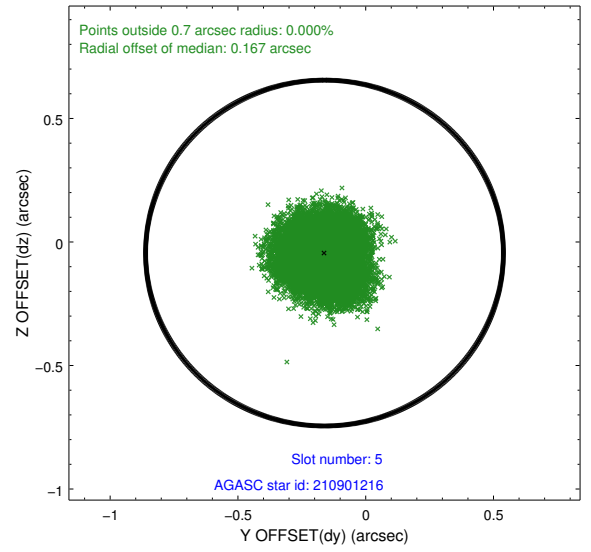
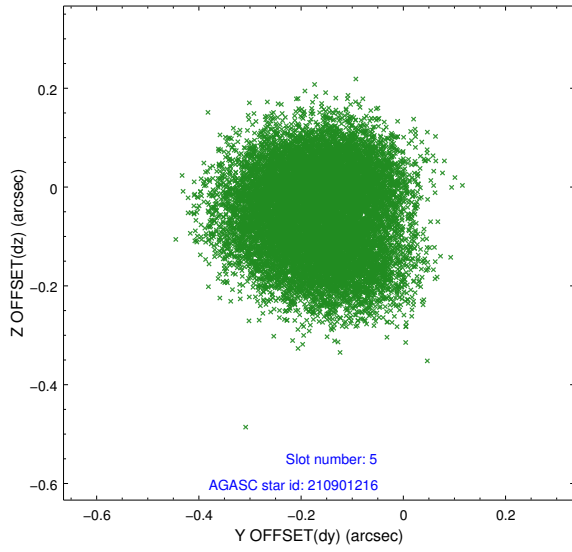
2.4.1 Slot 3



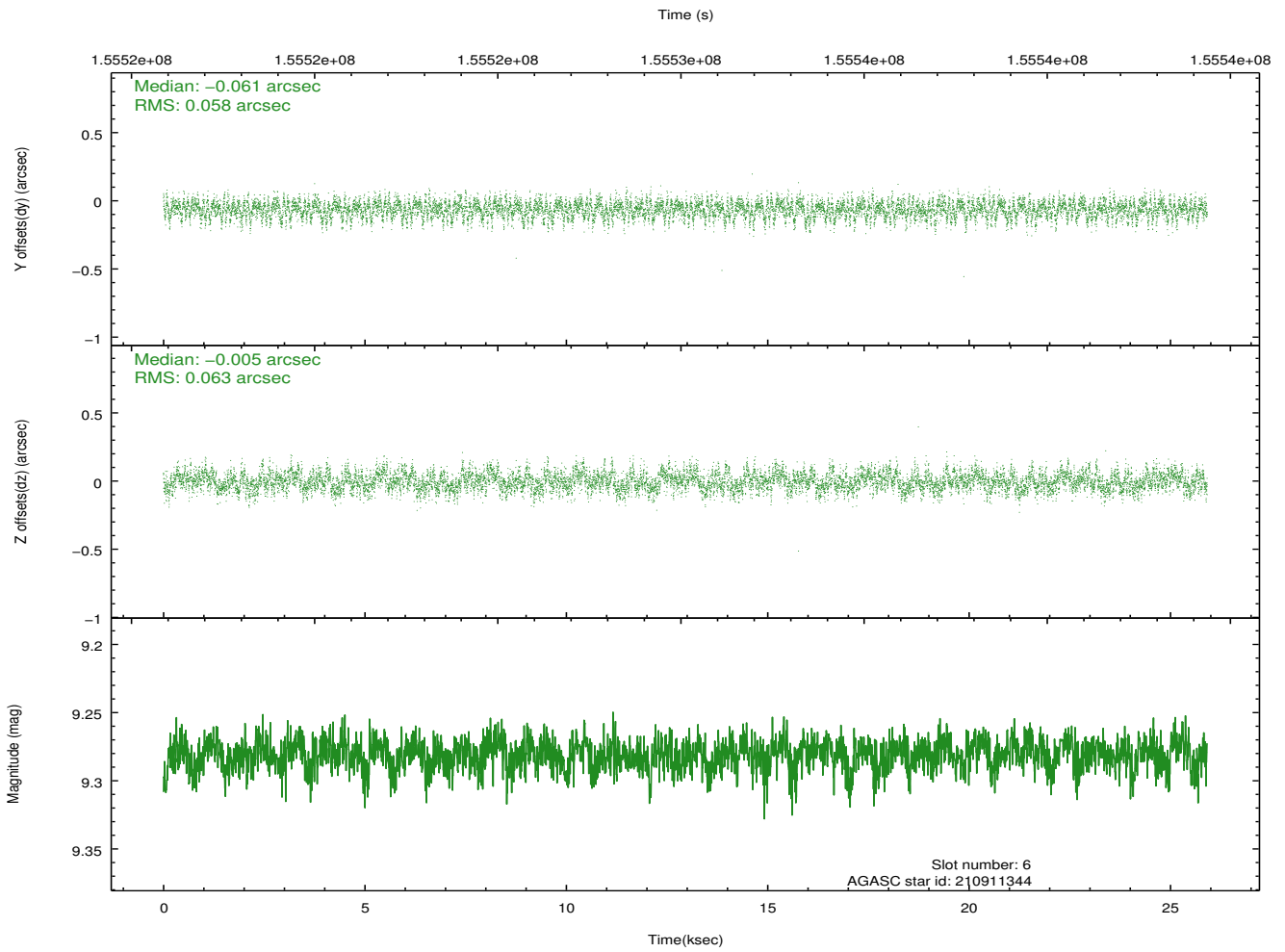
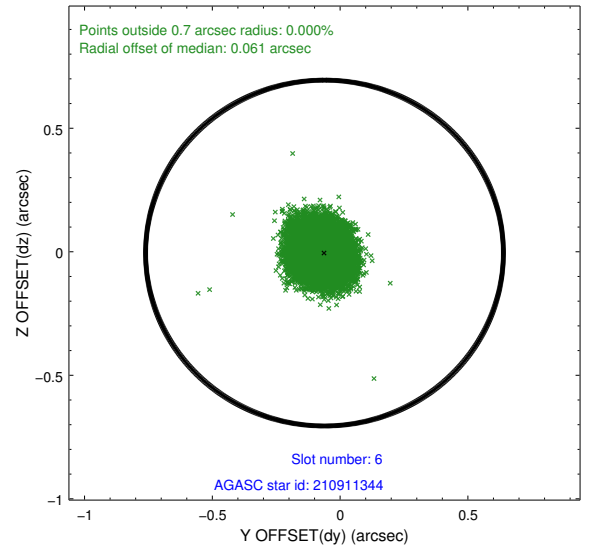
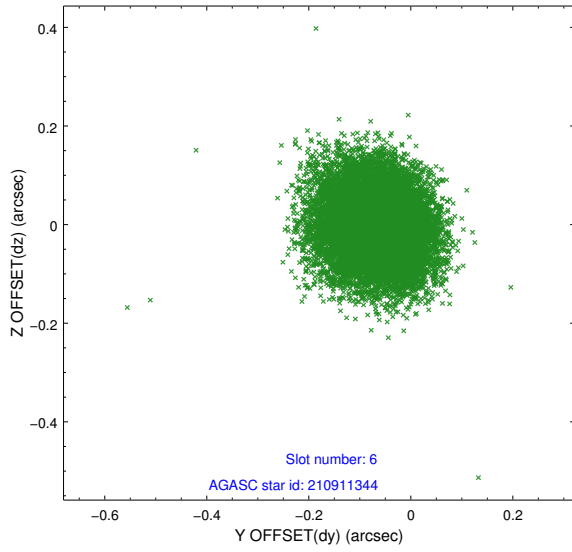
2.4.2 Slot 4



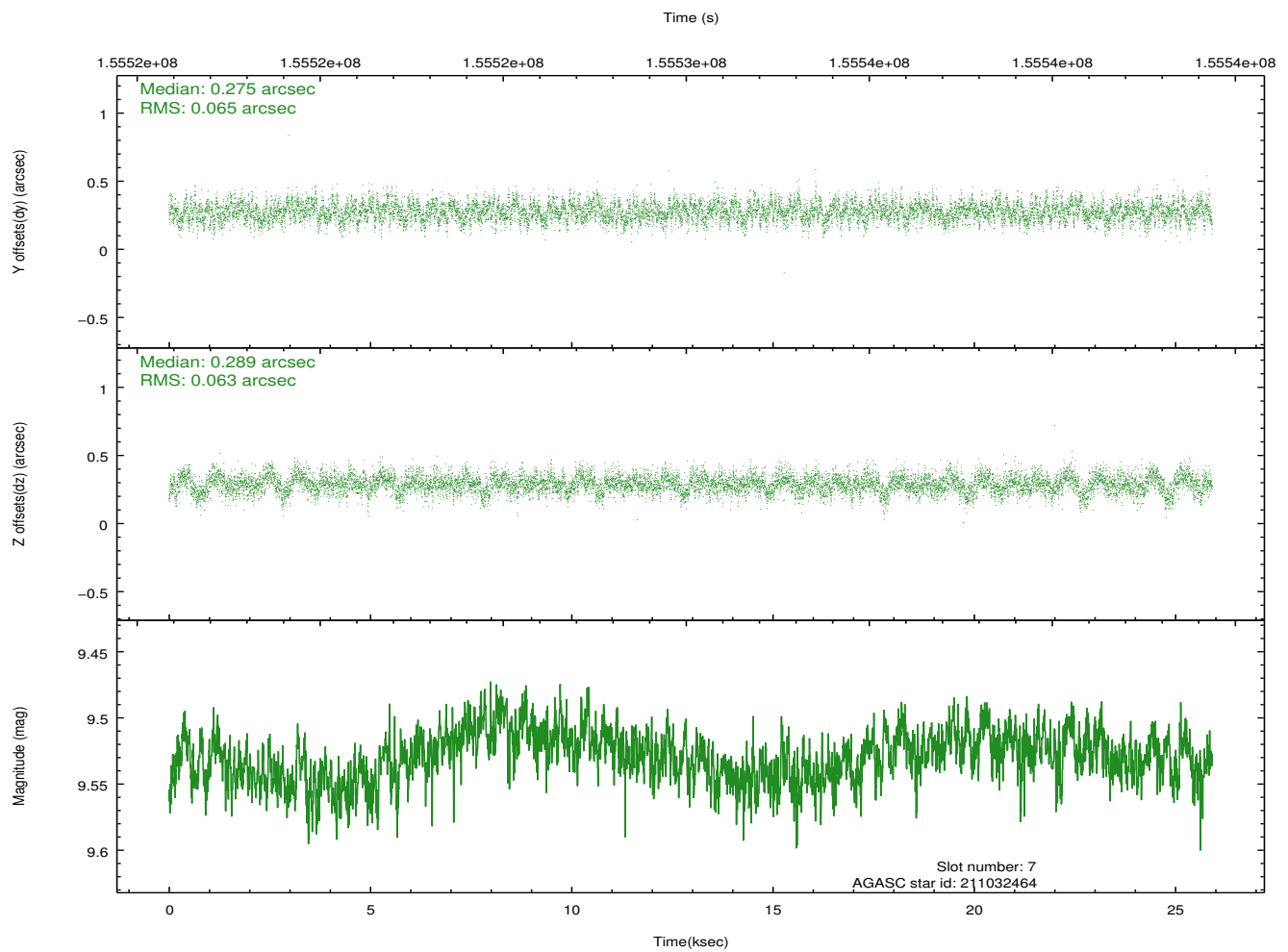
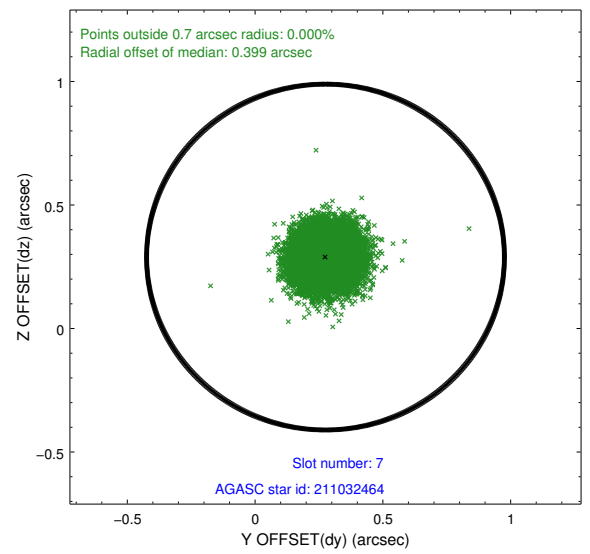
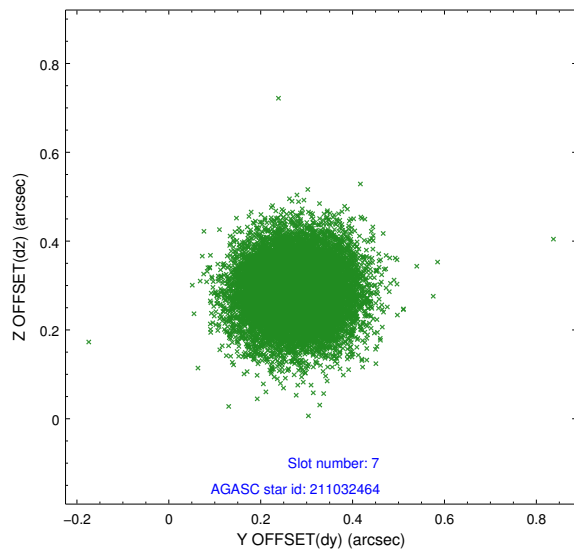
2.4.3 Slot 5



2.4.4 Slot 6

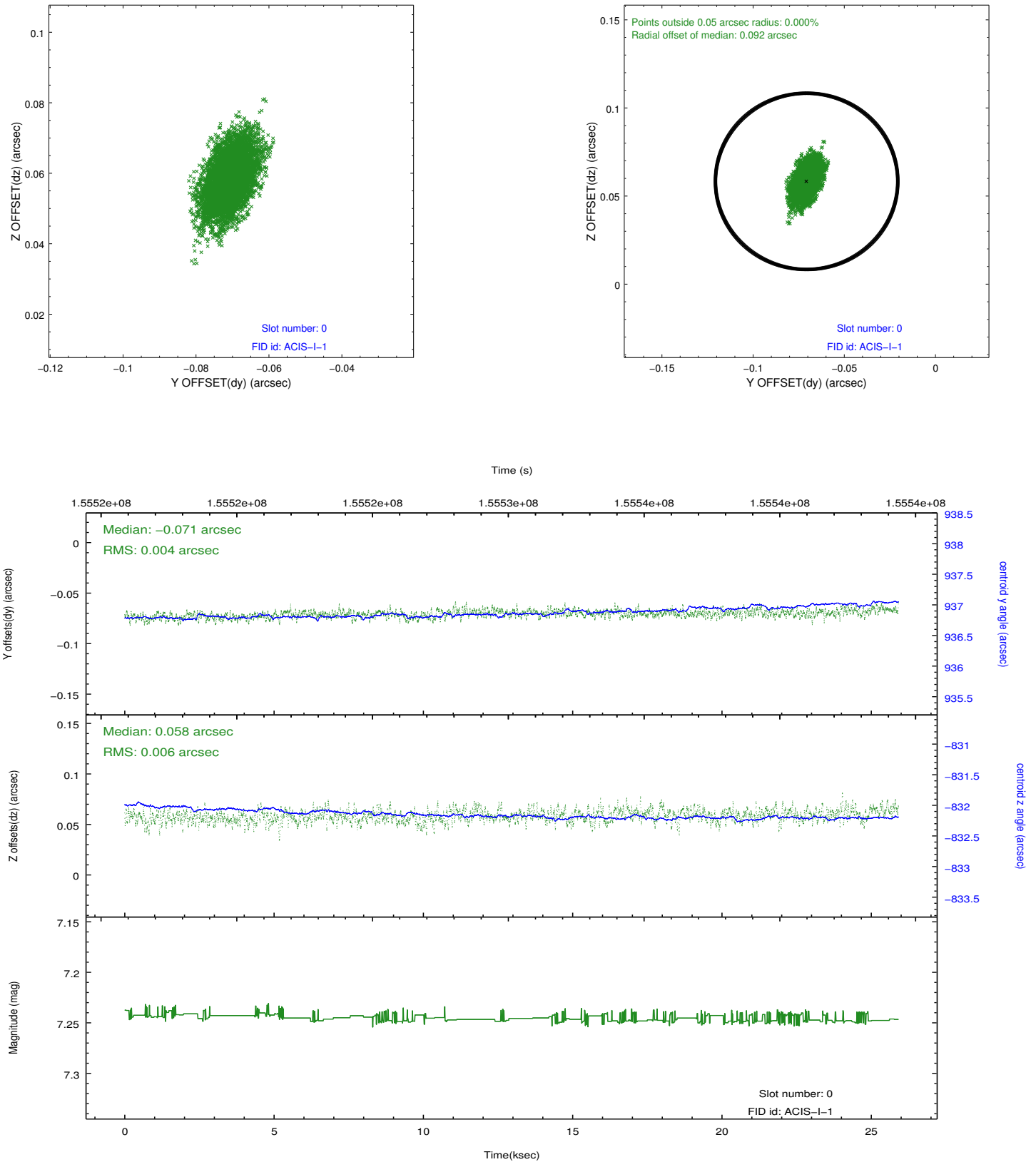


2.4.5 Slot 7

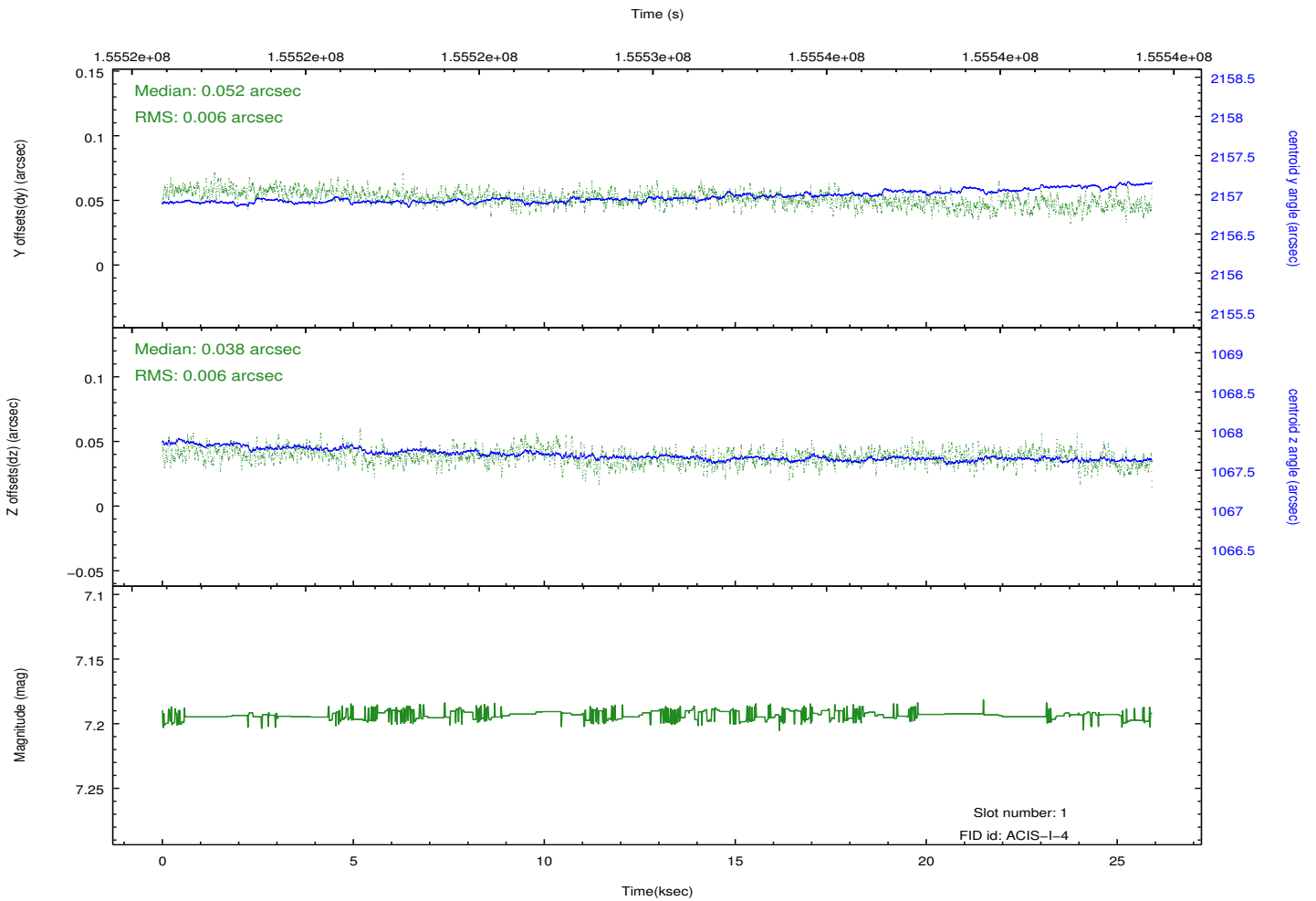
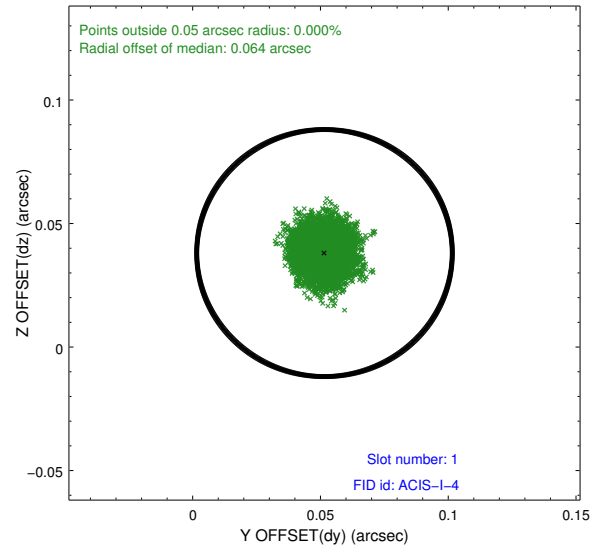
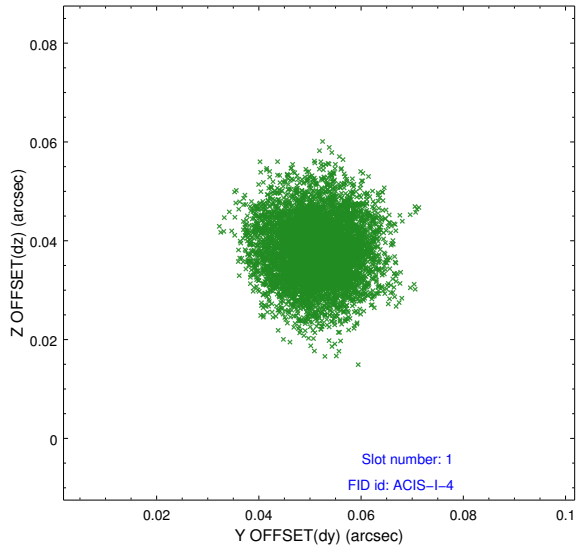


2.5 FID Slots

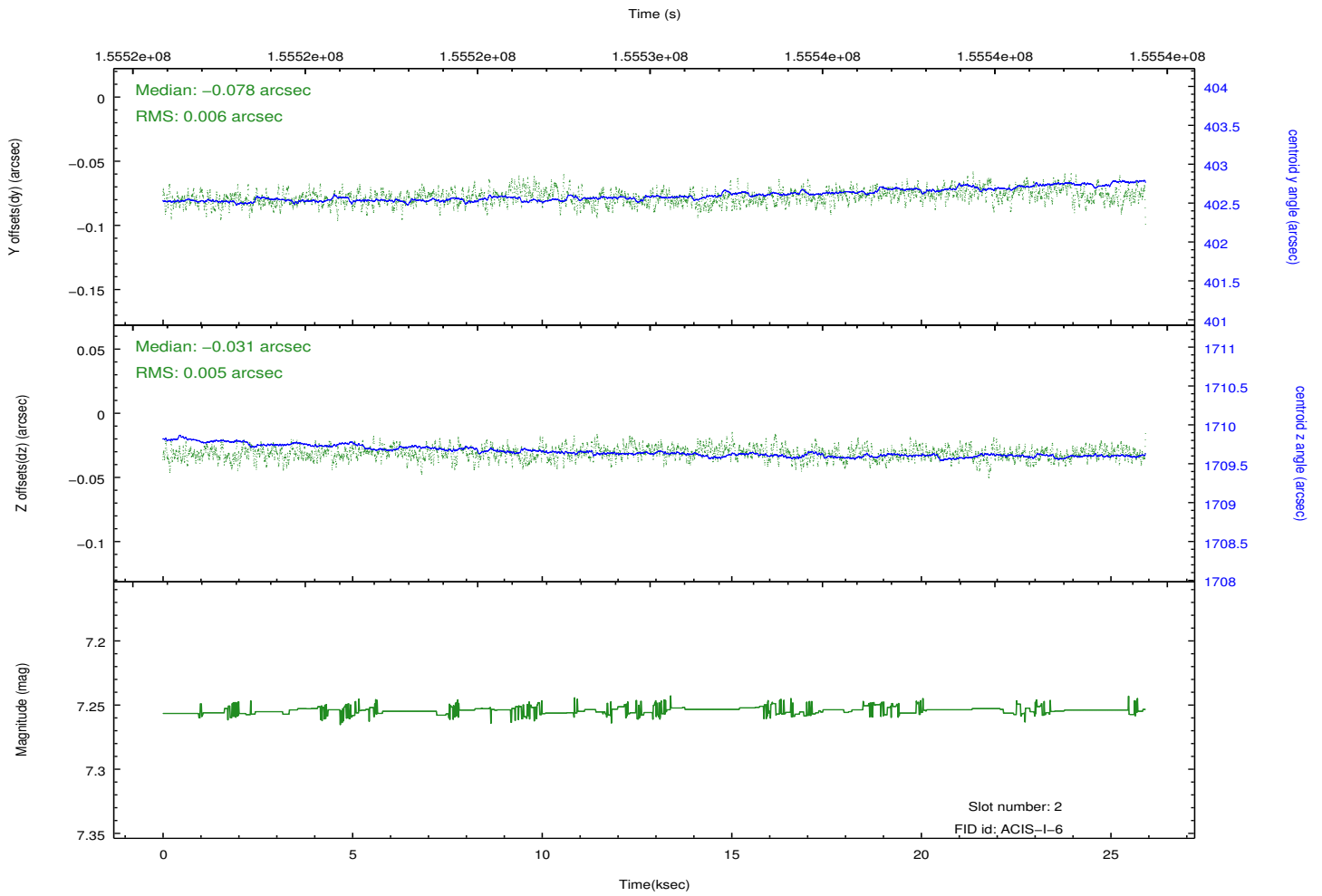
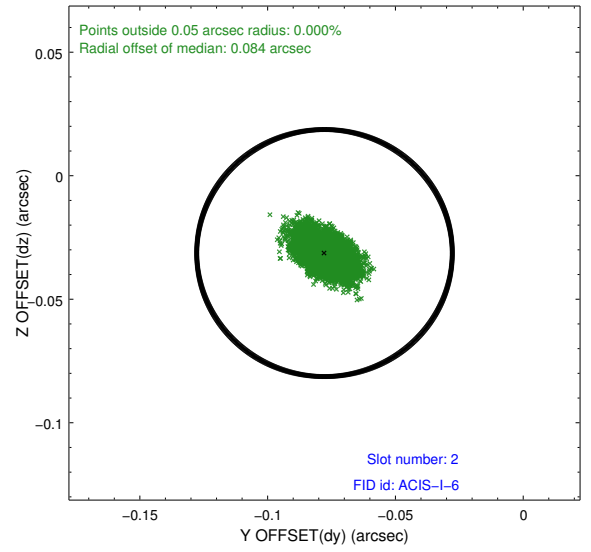
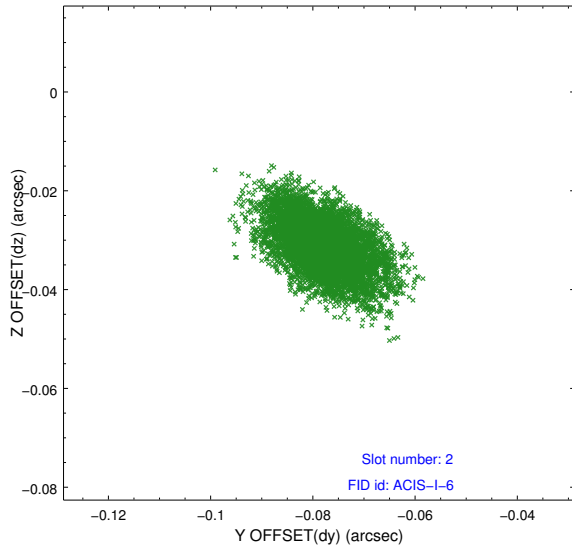
2.5.1 Slot 0



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)	2012.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.963

A.2 Comments