

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2807 - L2 Version 3
Chandra X-Ray Center

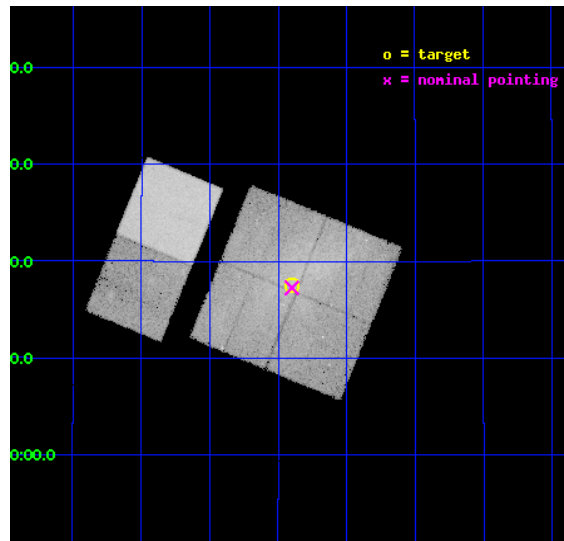
L2 Processing Date : Oct 17 2012

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1 Front

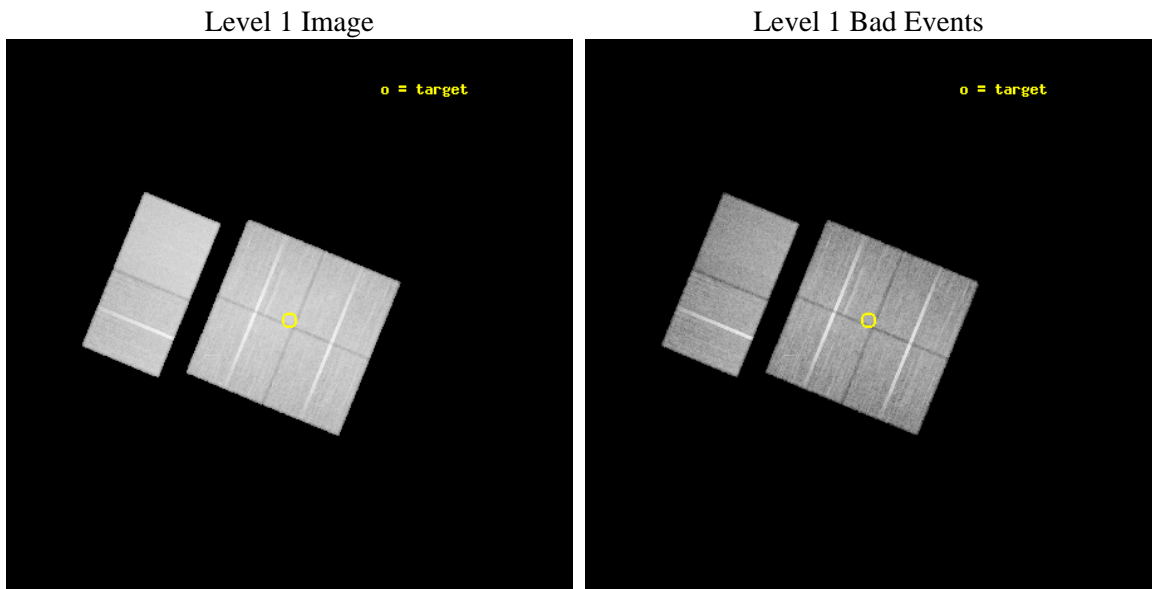
seq_num	500257	Sequence number
obs_id	2807	Observation id
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS	Proposa
observer	Prof. Shrinivas Kulkarni	Principal investigator
object	G053.6-2.2	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	294.6	Observer's specified target RA [deg]
dec_targ	17.292222	Observer's specified target Dec [deg]
ra_nom	294.59993563455	Nominal RA [deg]
dec_nom	17.287566418471	Nominal Dec [deg]
roll_nom	292.33828261945	Nominal Roll [deg]
revision	3	Processing version of data
ontime	34454.183127075	Sum of GTIs [s]
livetime	34017.903514502	Livetime [s]
ontime0	34460.541927606	Sum of GTIs [s]
ontime1	34457.342007279	Sum of GTIs [s]
ontime2	34444.419146448	Sum of GTIs [s]
ontime3	34454.183127075	Sum of GTIs [s]
ontime6	34460.747127593	Sum of GTIs [s]
ontime7	34460.706087589	Sum of GTIs [s]
l2events	297735	Number of level 2 events



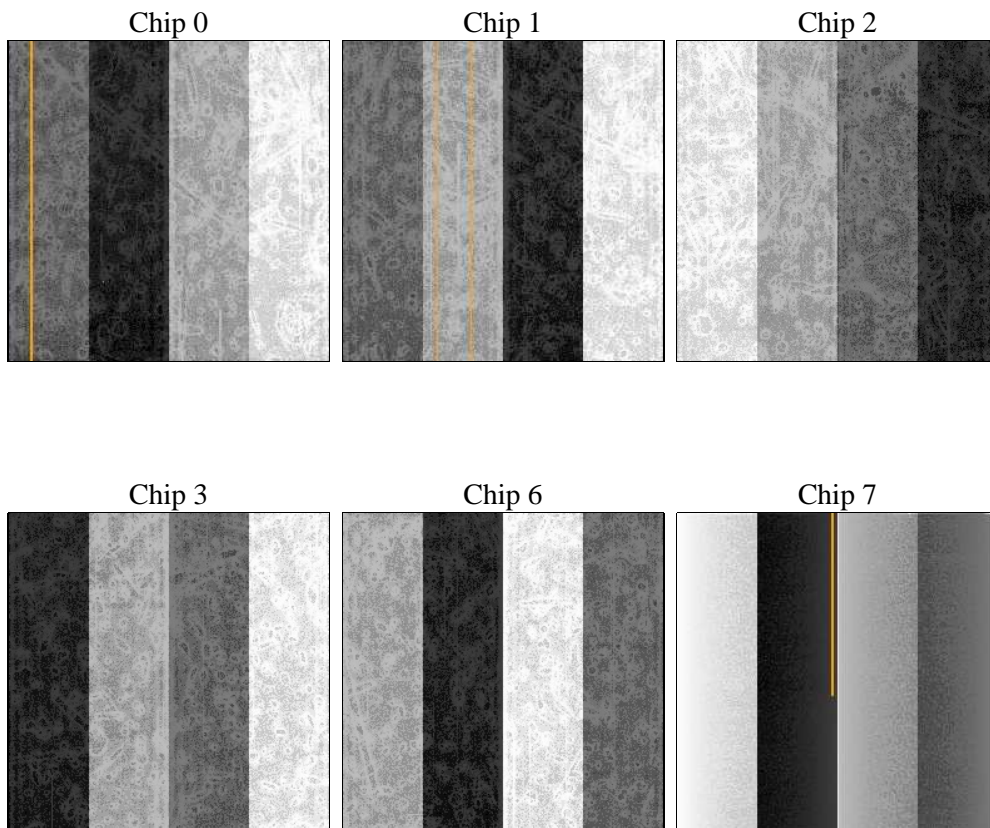
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	34500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	34454.183127075	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	34460.541927606	Sum of GTIs [s]
date	2012-10-17T12:13:29	Date and time of file creation	ontime1	34457.342007279	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	34444.419146448	Sum of GTIs [s]
			ontime3	34454.183127075	Sum of GTIs [s]
			ontime6	34460.747127593	Sum of GTIs [s]
			ontime7	34460.706087589	Sum of GTIs [s]
			l1events	1413687	Number of level 1 events

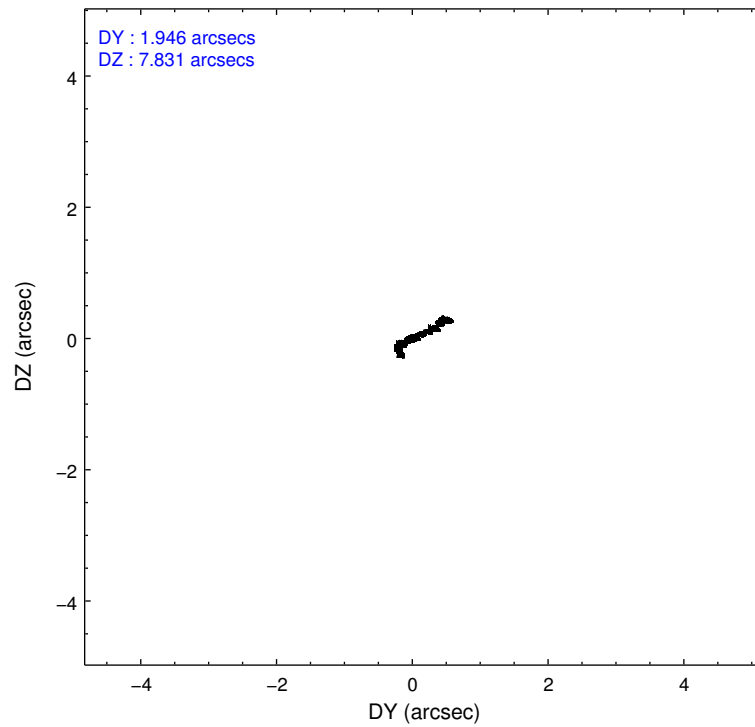
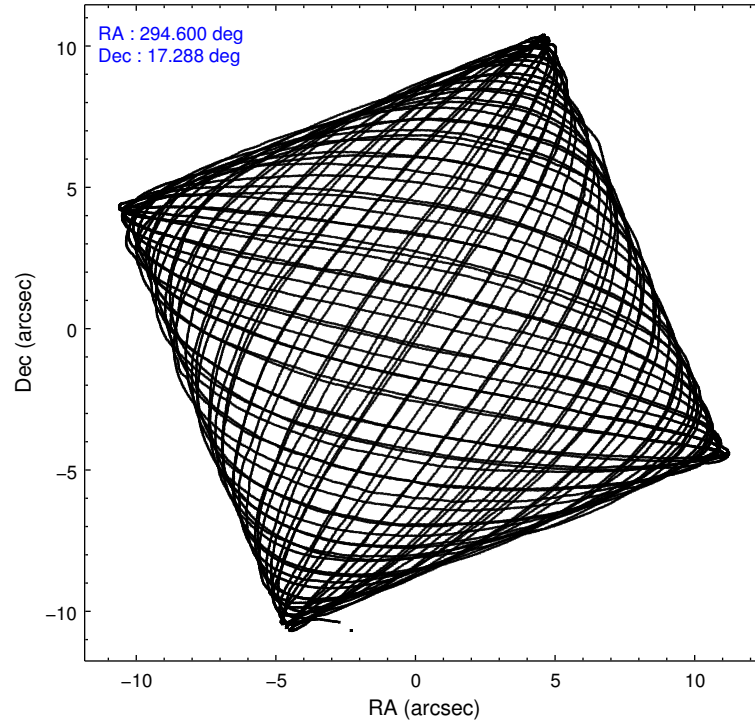
2.1.4 Events

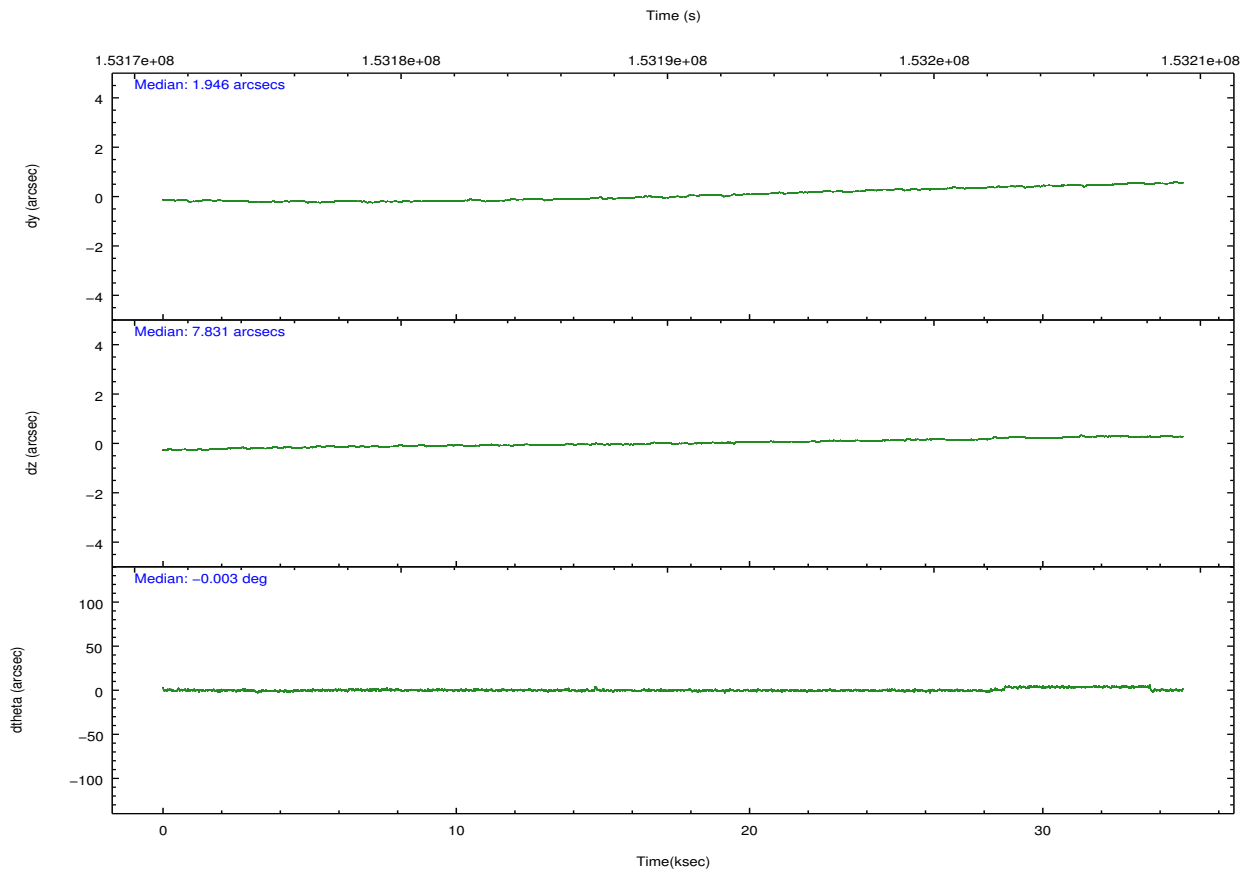
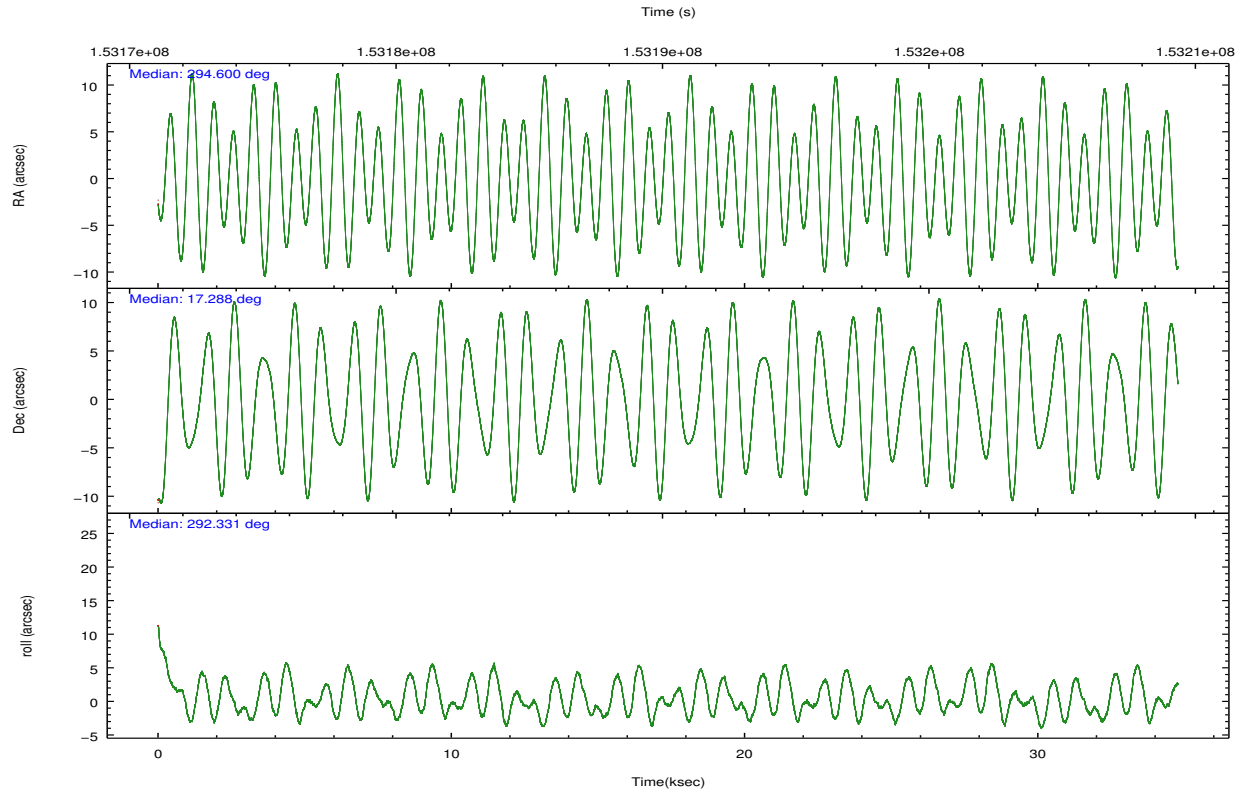
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	207929	221143	240020	234061	224718	285816	grade 0 events	19731	30382	29709	26968	13139	11480
rejected events	172268	171721	194100	190719	195563	166082		9%	13%	12%	11%	5%	4%
rejected %	82%	77%	80%	81%	87%	58%	grade 1 events	152	145	203	169	126	294
								0%	0%	0%	0%	0%	0%
							grade 2 events	6126	7619	6589	6157	5621	24086
								2%	3%	2%	2%	2%	8%
							grade 3 events	2660	3124	2702	2863	2551	10839
								1%	1%	1%	1%	1%	3%
							grade 4 events	2635	3090	2652	2889	2534	10941
								1%	1%	1%	1%	1%	3%
							grade 5 events	8202	8740	8079	9433	9778	27081
								3%	3%	3%	4%	4%	9%
							grade 6 events	4513	5209	4277	4472	5311	62395
								2%	2%	1%	1%	2%	21%
							grade 7 events	163910	162834	185809	181110	185658	138700
								78%	73%	77%	77%	82%	48%

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	294.577168	294.5999356345453	Subarray requested	NONE	NONE
[deg] Pointing Dec	17.304226	17.28756641847144	Alternating exposures requested	N	N
[deg] Pointing Roll	292.136368	292.3382826194476	[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)	153173093.184000	153172088.06324			
Observation start date	2002-11-08T20:03:49	2002-11-08T19:48:08			
[s] Observation end time (MET)	153207593.184000	153208225.46474			
Observation end date	2002-11-09T05:38:49	2002-11-09T05:50:25			
Read mode	TIMED	TIMED			

2.3 Aspect



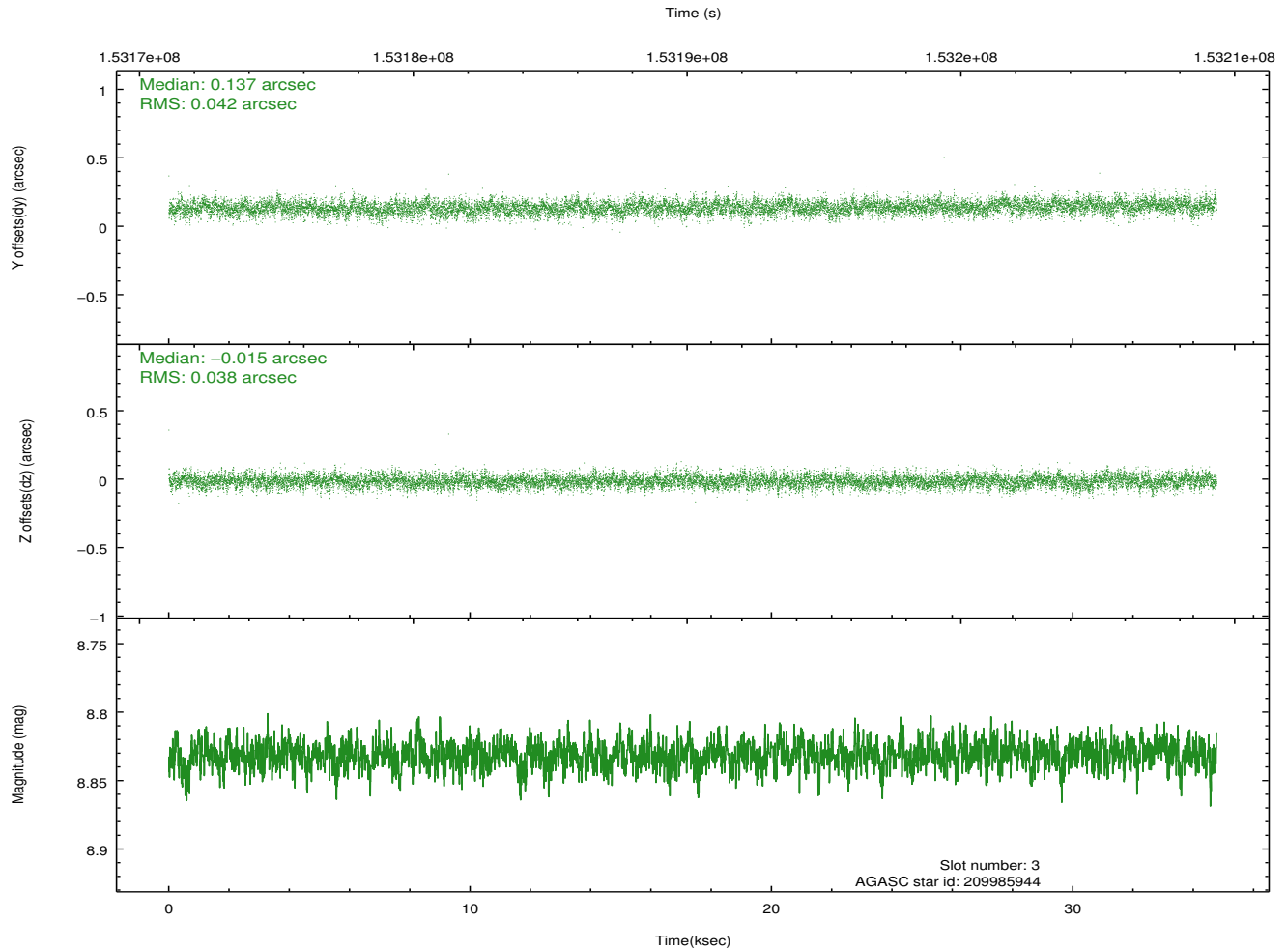
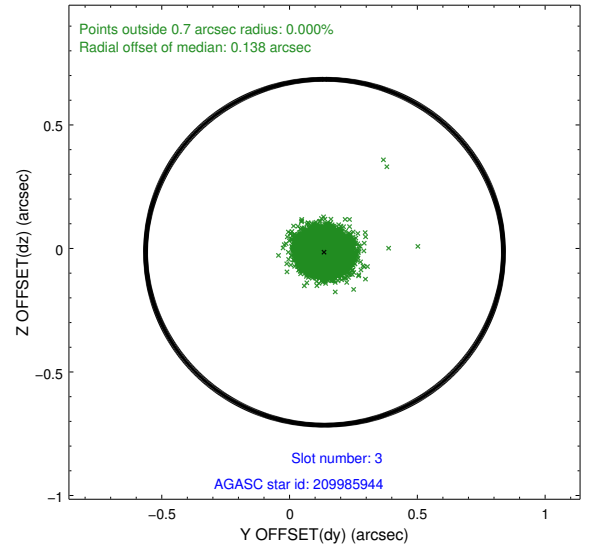
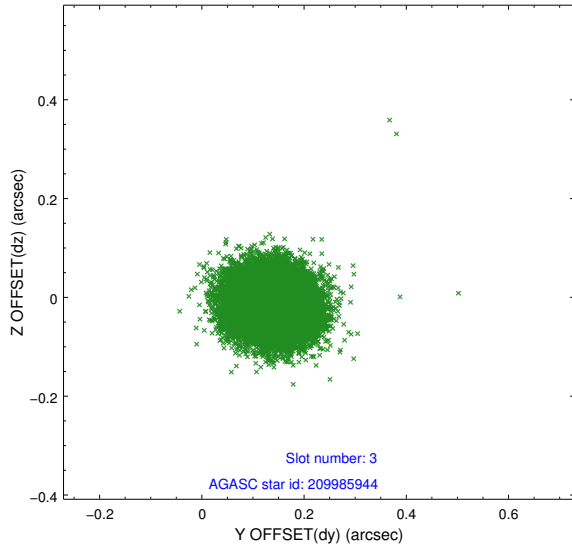


Slot Statistics

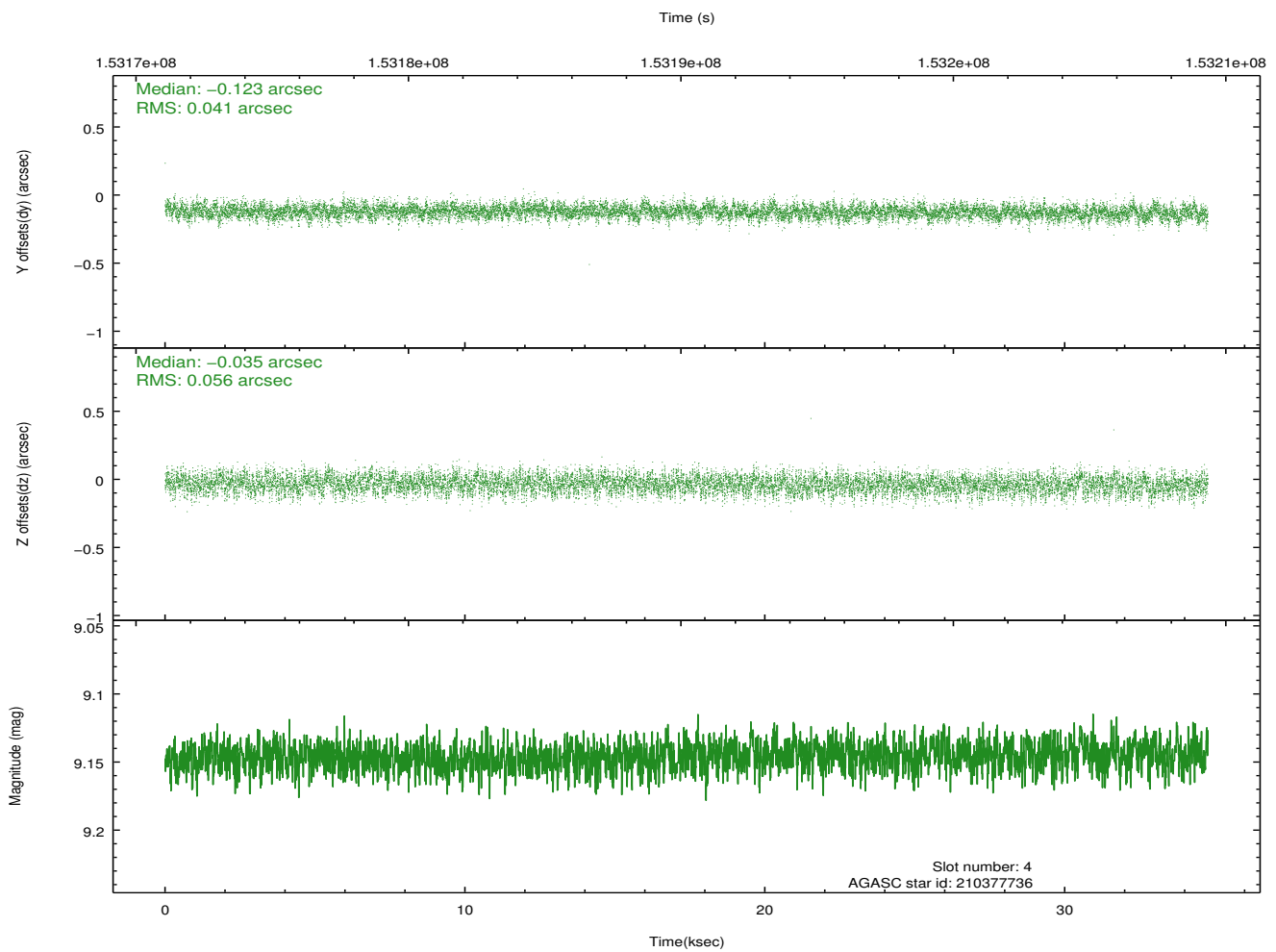
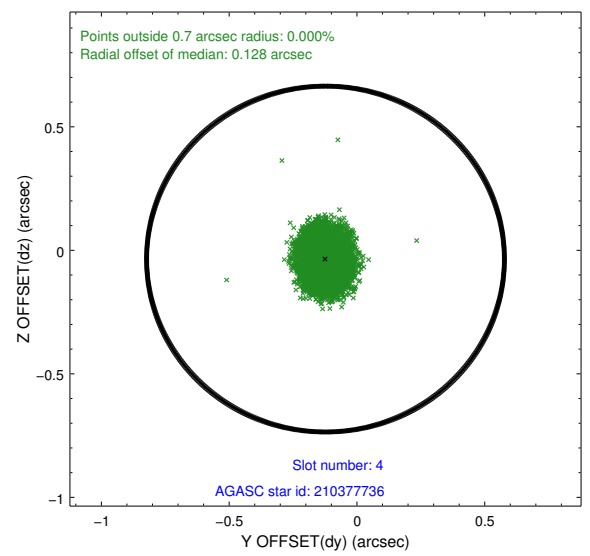
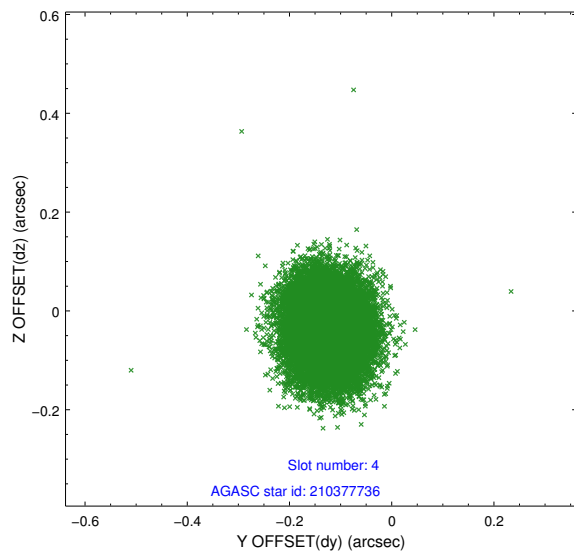
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	8479	-0.045	-0.073	0.014	0.024	0.000000	0.000000	-756.40	-837.72
1	FID	ACIS-I-4	7.18	8476	0.009	0.053	0.015	0.032	0.000000	0.000000	2157.66	1068.61
2	FID	ACIS-I-5	7.23	8479	-0.065	0.089	0.019	0.041	0.000000	0.000000	-1810.23	1066.48
3	GUIDE	209985944	8.83	16958	0.137	-0.015	0.060	0.098	294.922624	16.779816	2197.37	392.57
4	GUIDE	210377736	9.15	16955	-0.123	-0.035	0.074	0.120	293.829367	17.517628	-1682.55	-2086.56
5	GUIDE	210381744	8.63	16959	-0.011	-0.033	0.080	0.128	293.950489	16.974159	285.37	-2444.74
6	GUIDE	210516488	7.04	16962	-0.134	-0.037	0.064	0.103	295.045724	17.899253	-1380.76	2294.80
7	GUIDE	210514864	9.77	16949	0.133	0.119	0.098	0.162	295.162963	17.085912	1485.50	1573.01

2.4 Star Slots

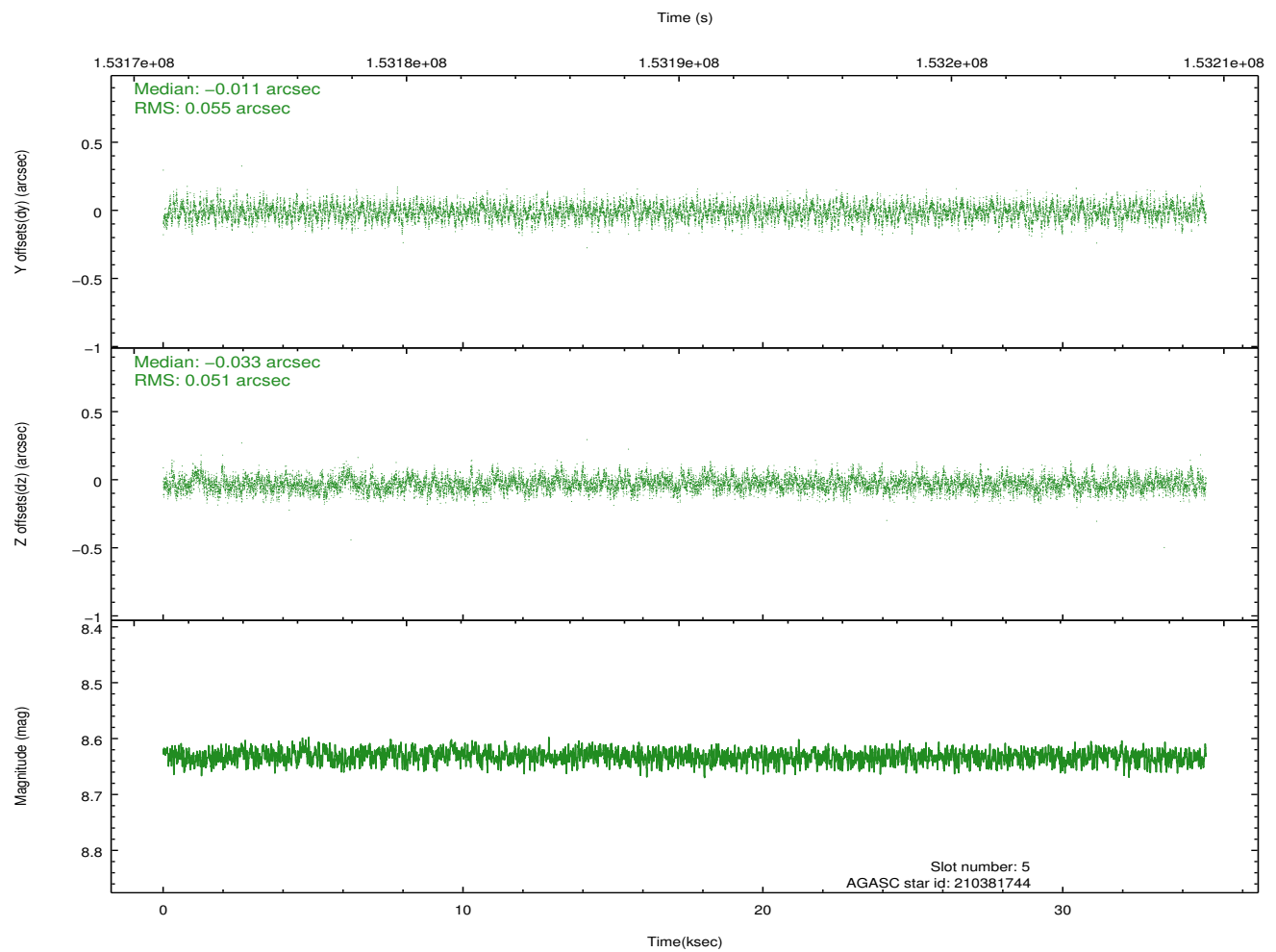
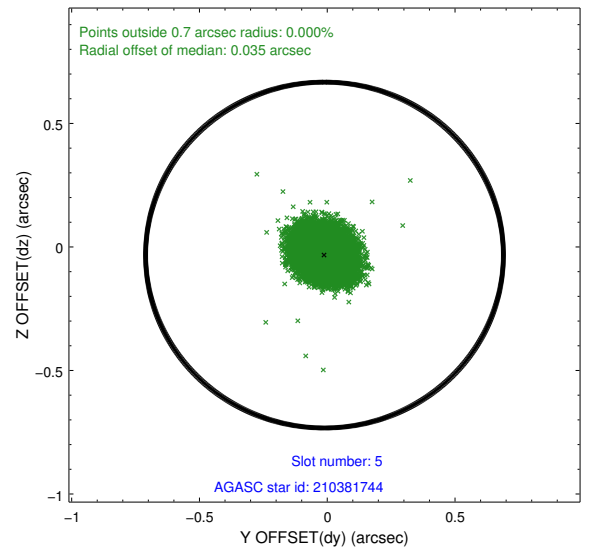
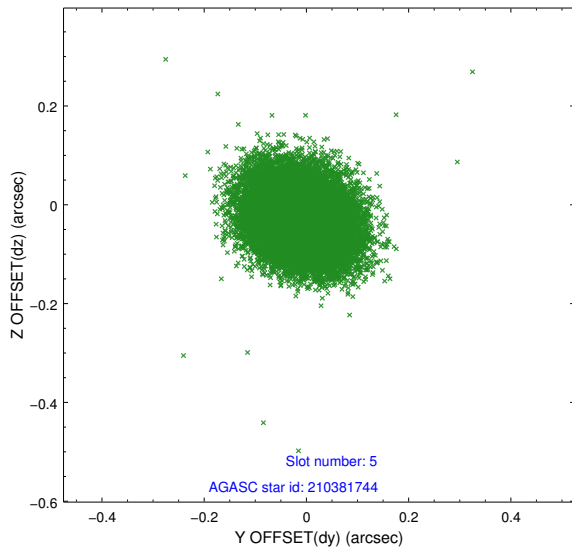
2.4.1 Slot 3



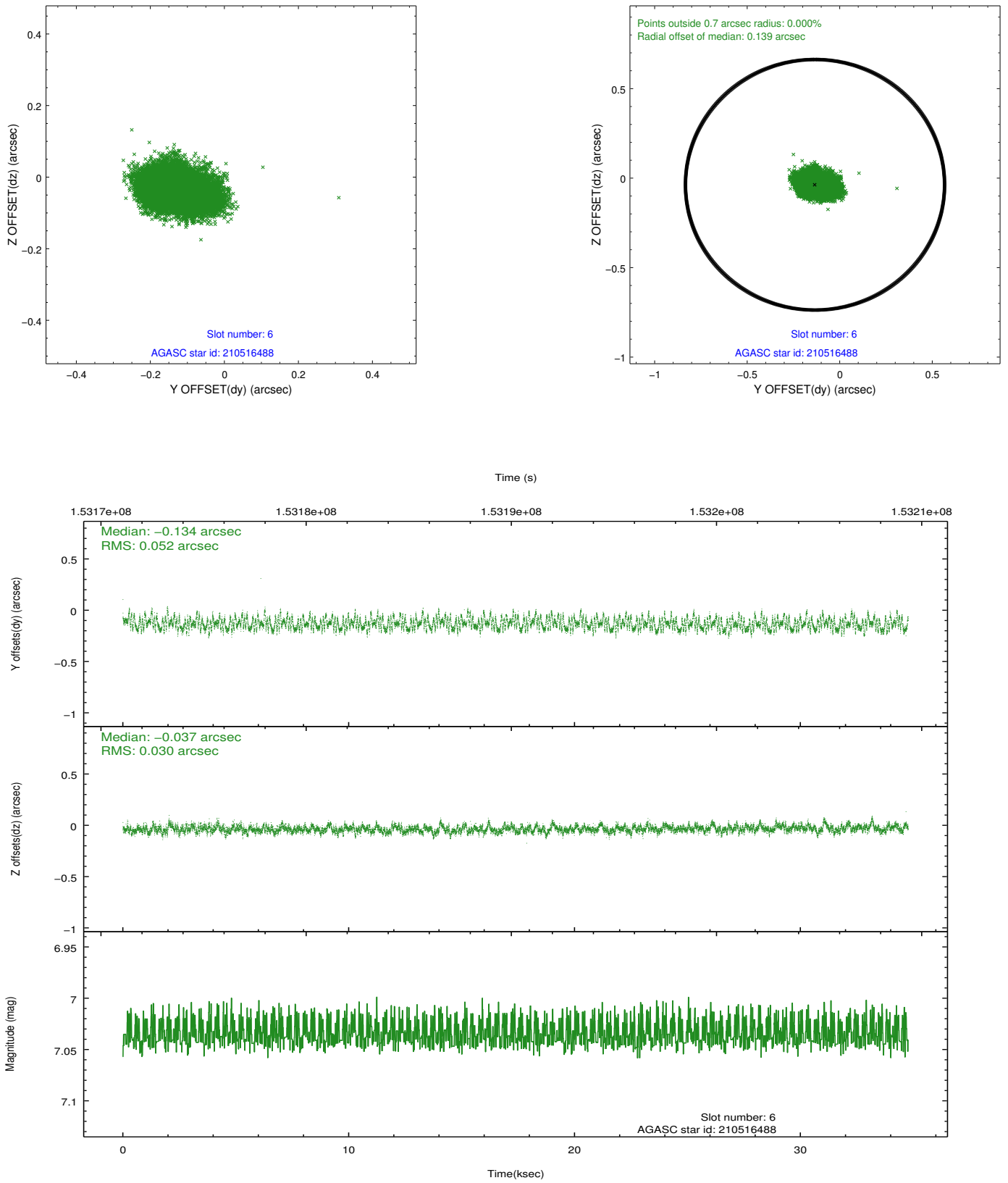
2.4.2 Slot 4



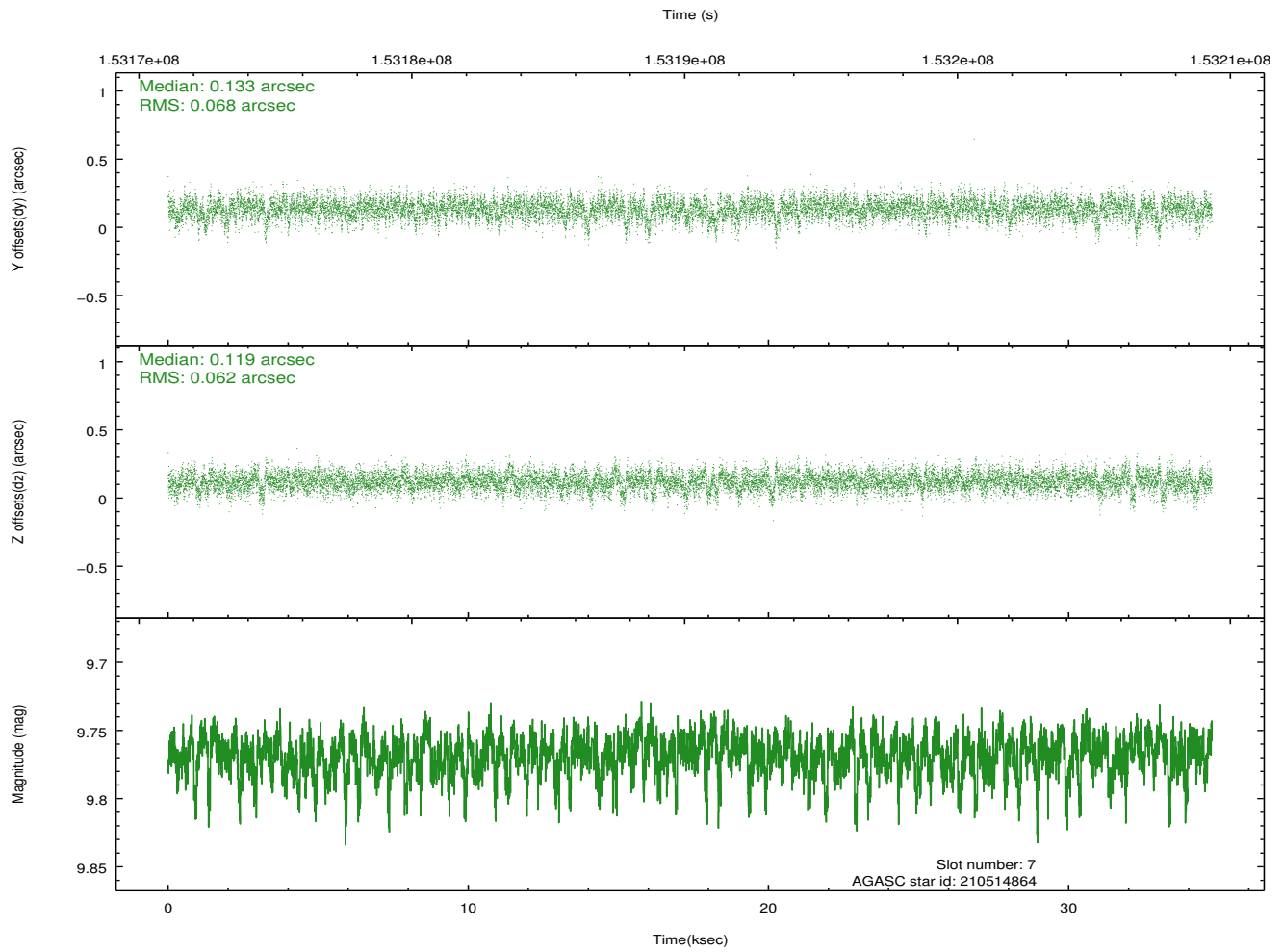
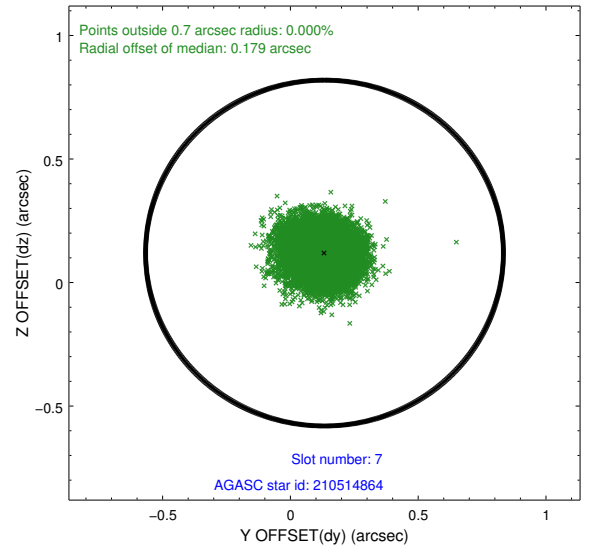
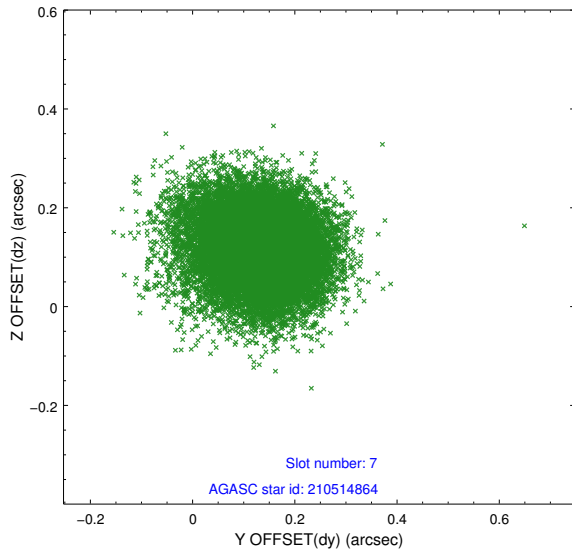
2.4.3 Slot 5



2.4.4 Slot 6

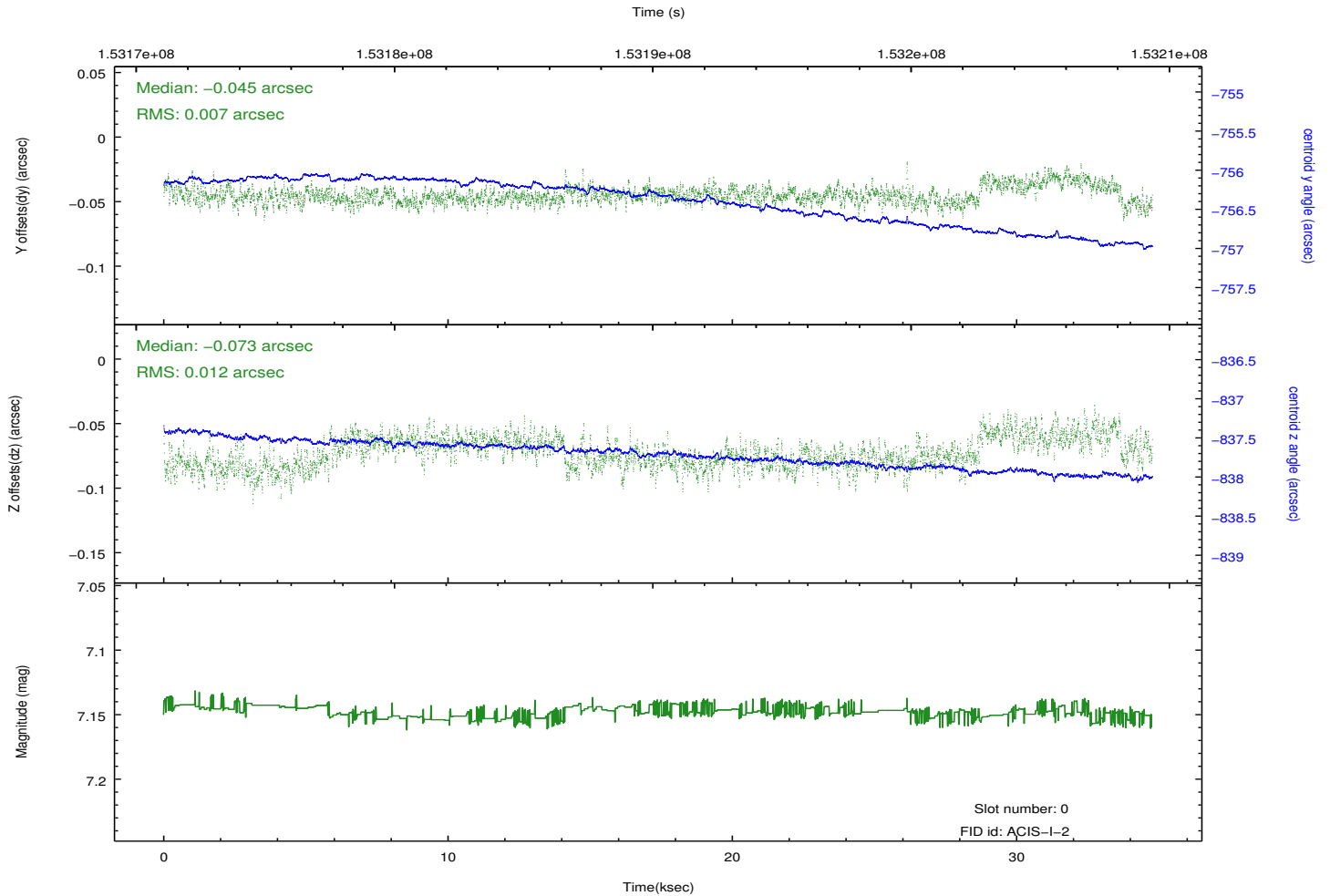
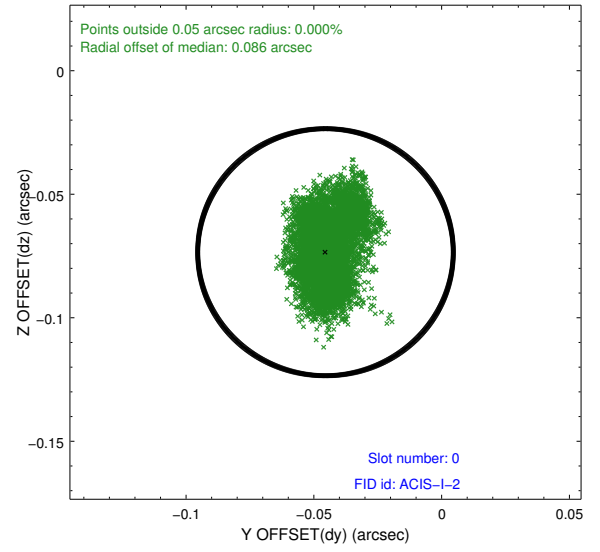
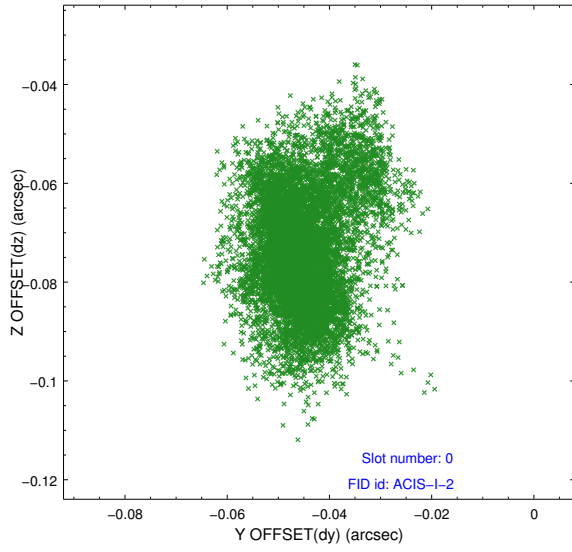


2.4.5 Slot 7

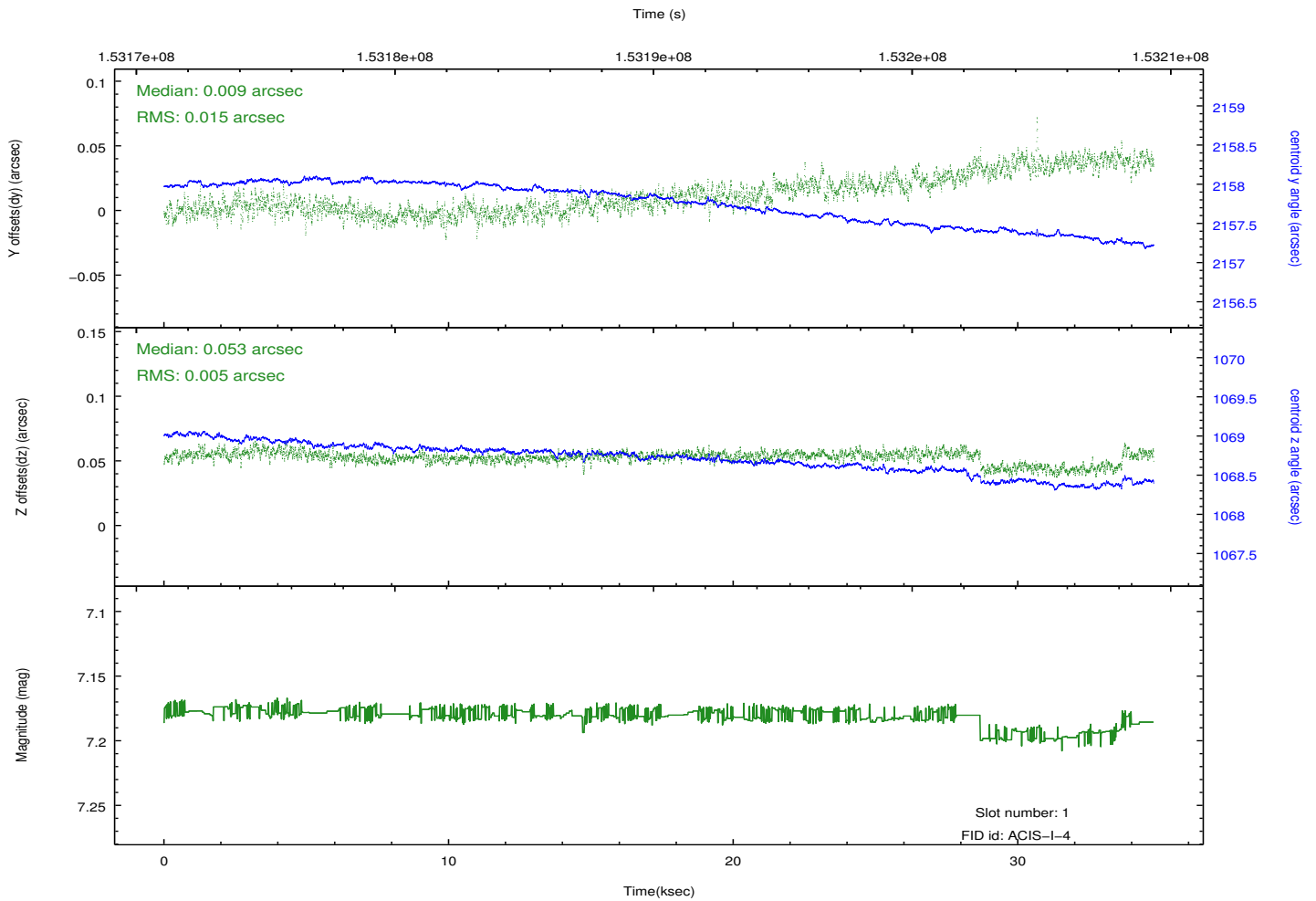
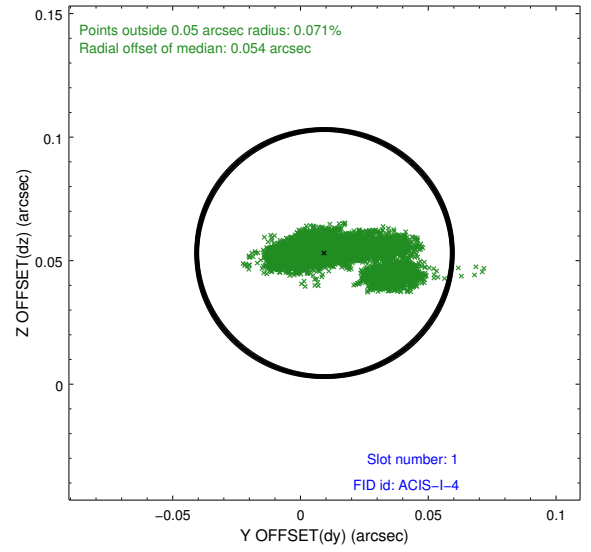
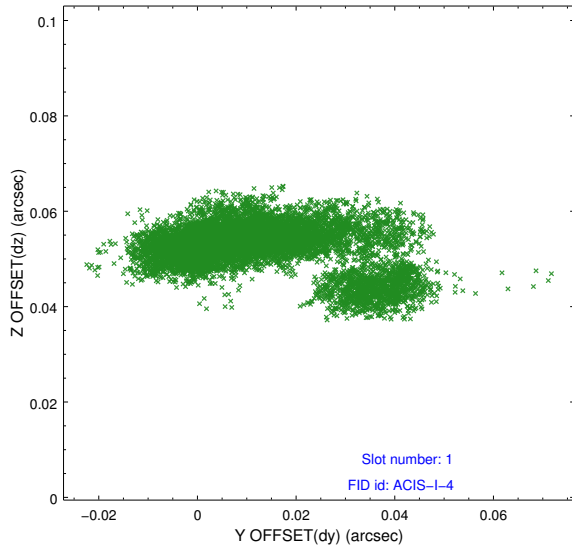


2.5 FID Slots

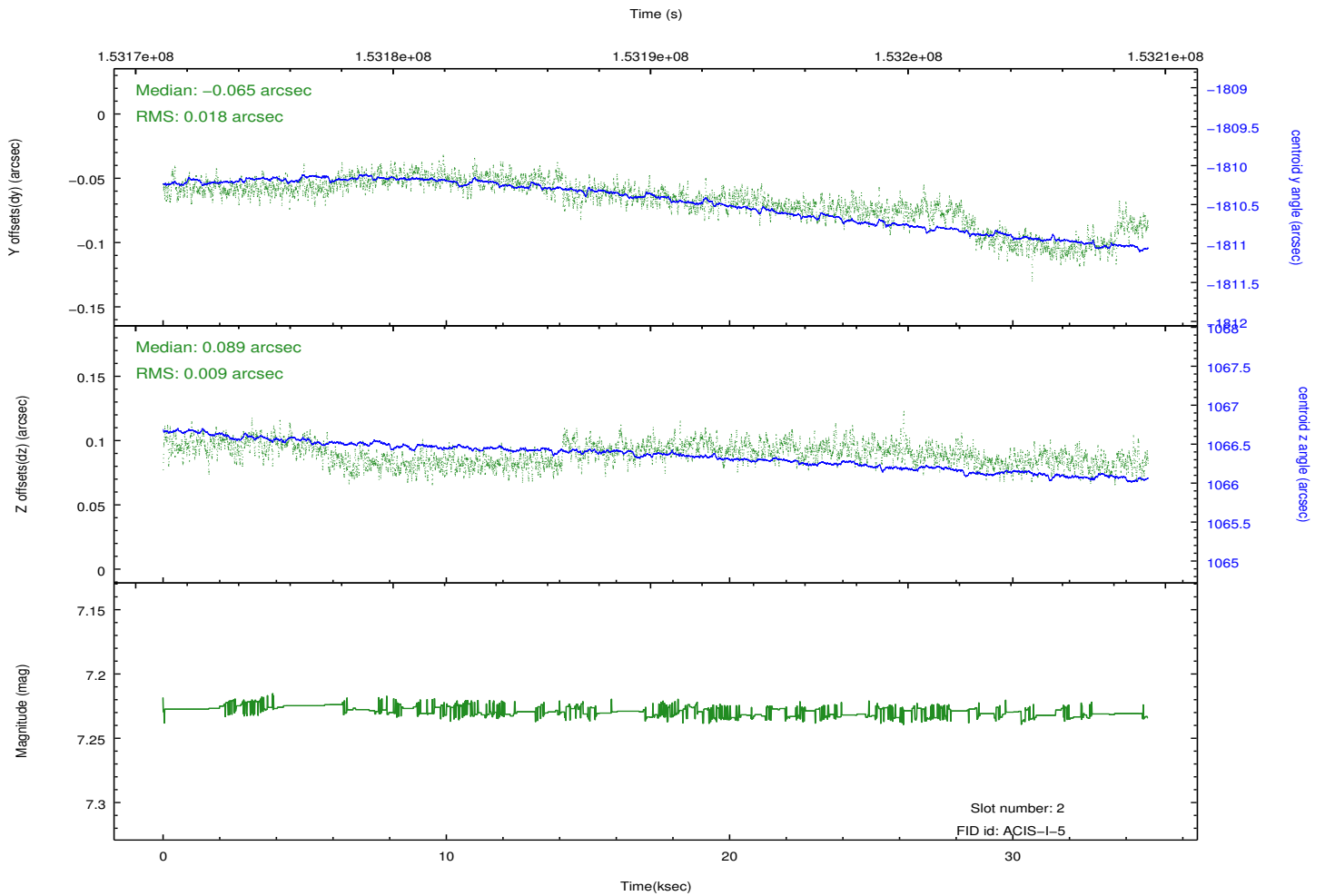
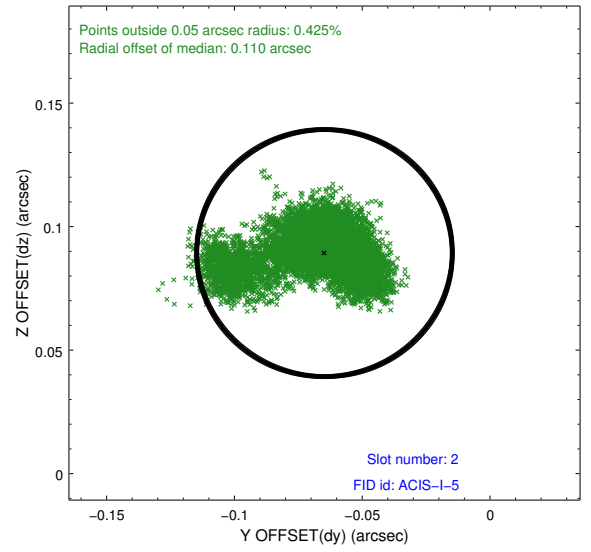
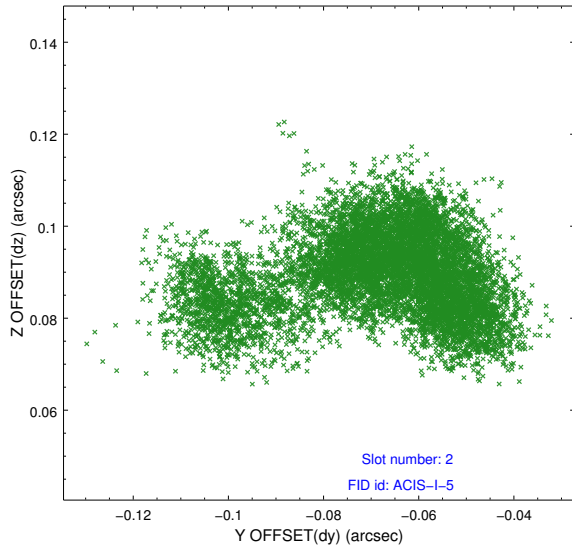
2.5.1 Slot 0



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)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.454

A.2 Comments