

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4241 - L2 Version 3
Chandra X-Ray Center

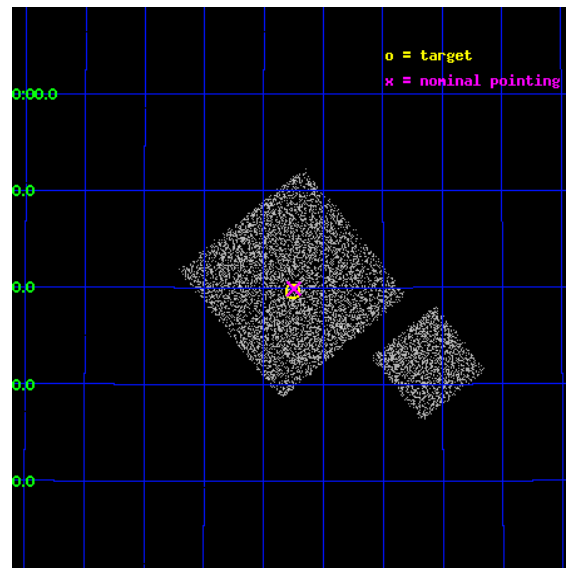
L2 Processing Date : Oct 24 2012

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1 Front

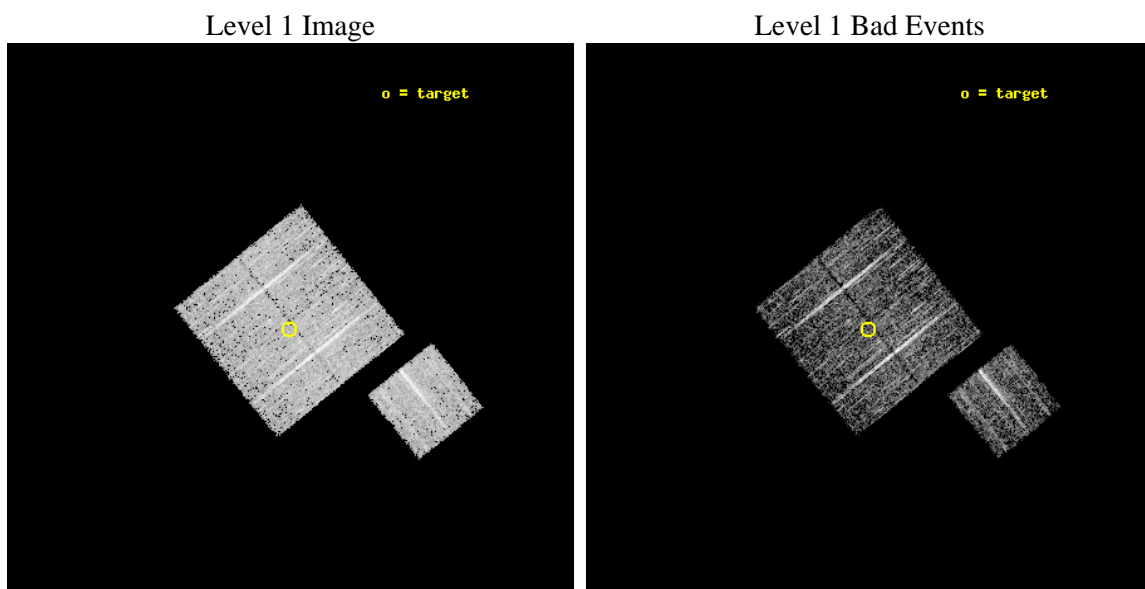
seq_num	900284	Sequence number
obs_id	4241	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SD16	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.314346	Observer's specified target RA [deg]
dec_targ	33.660612	Observer's specified target Dec [deg]
ra_nom	216.31176119567	Nominal RA [deg]
dec_nom	33.664655008221	Nominal Dec [deg]
roll_nom	141.01014557383	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4776.8149717748	Sum of GTIs [s]
livetime	4714.4023675286	Livetime [s]
ontime0	4773.5508615077	Sum of GTIs [s]
ontime1	4776.7329116762	Sum of GTIs [s]
ontime2	4776.7739317715	Sum of GTIs [s]
ontime3	4776.8149717748	Sum of GTIs [s]
ontime6	4776.6508117616	Sum of GTIs [s]
l2events	9882	Number of level 2 events



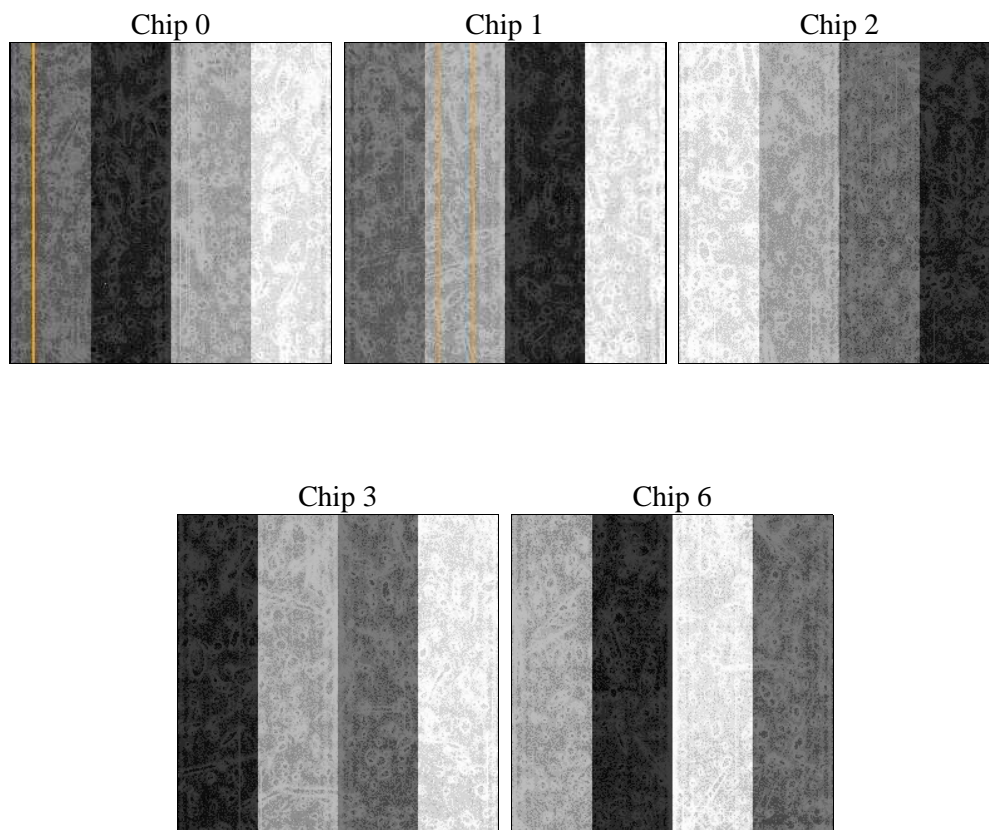
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.8149717748	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4773.5508615077	Sum of GTIs [s]
date	2012-10-24T20:51:14	Date and time of file creation	ontime1	4776.7329116762	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4776.7739317715	Sum of GTIs [s]
			ontime3	4776.8149717748	Sum of GTIs [s]
			ontime6	4776.6508117616	Sum of GTIs [s]
			l1events	121969	Number of level 1 events

2.1.4 Events

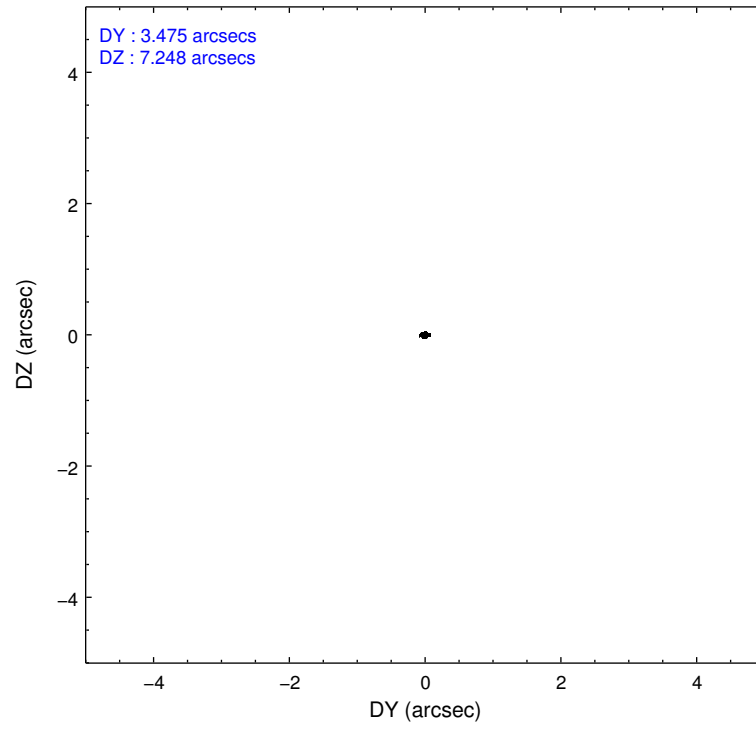
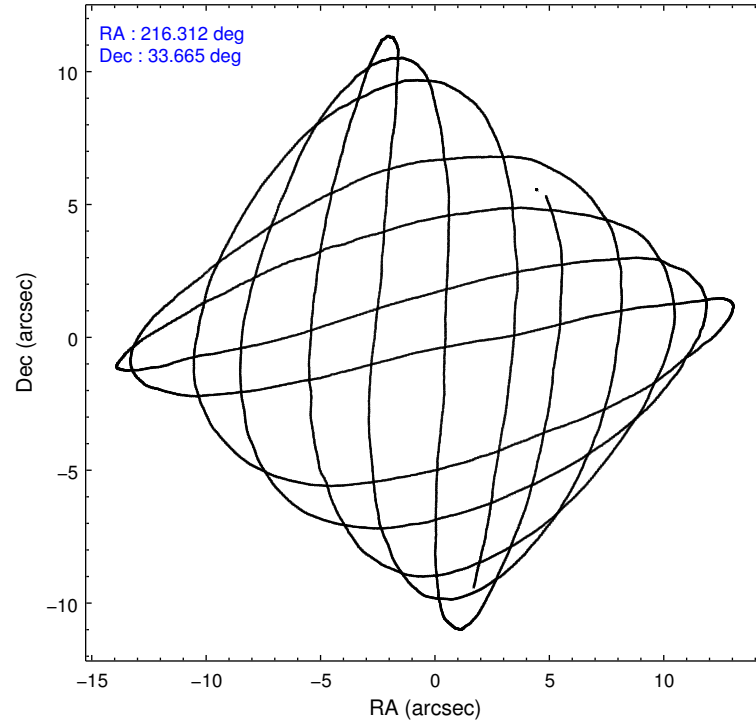
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	24181	22261	26327	24395	24805
rejected events	21699	19783	23983	22043	22391
rejected %	89%	88%	91%	90%	90%

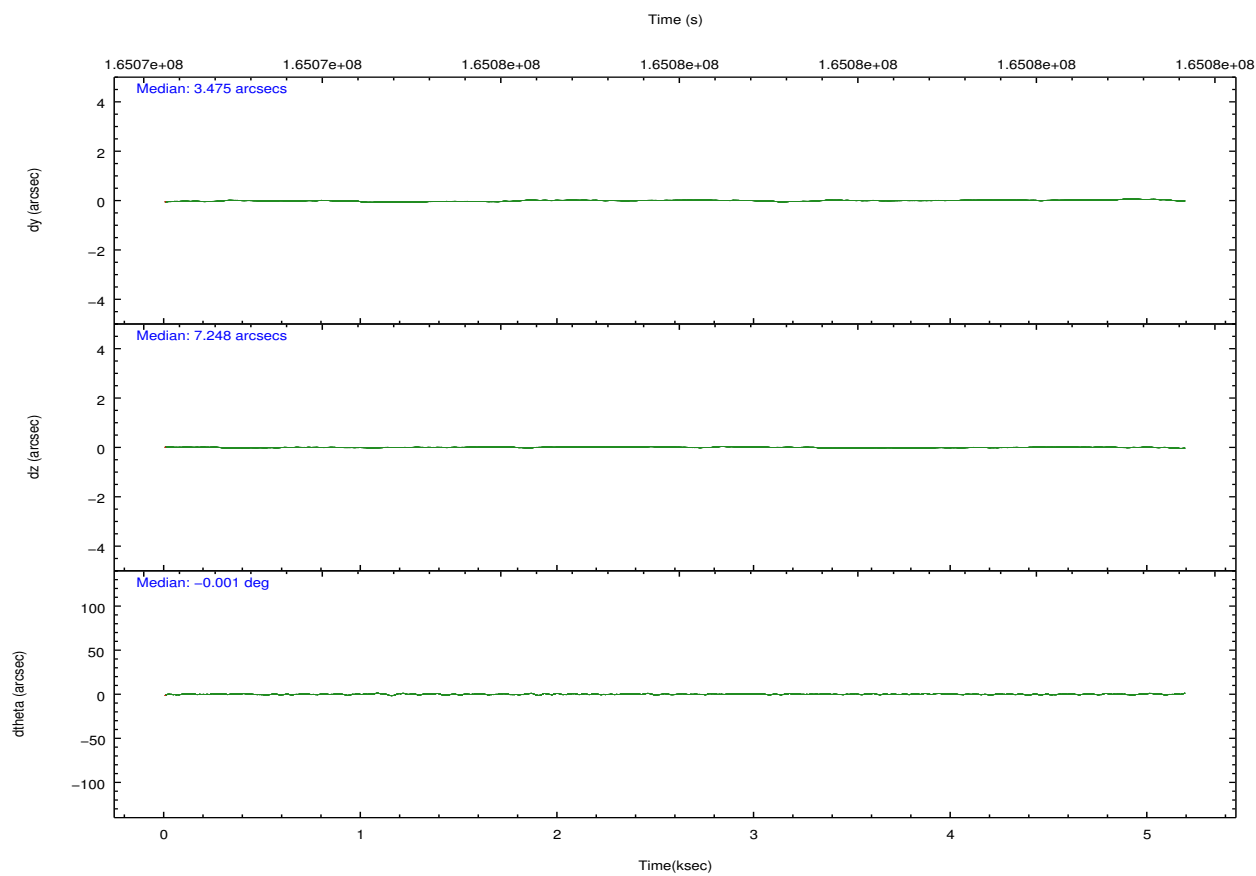
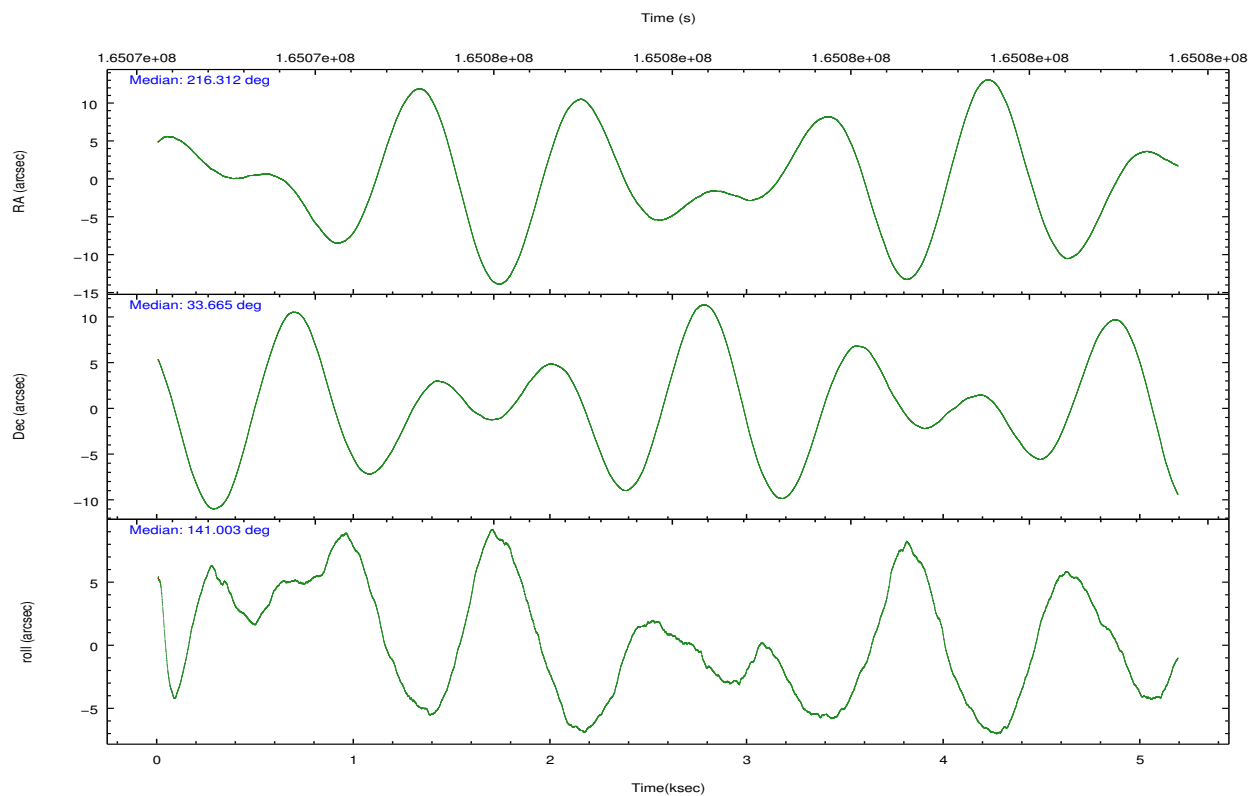
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	880	868	936	929	867
	3%	3%	3%	3%	3%
grade 1 events	9	15	13	8	7
	0%	0%	0%	0%	0%
grade 2 events	578	534	518	476	513
	2%	2%	1%	1%	2%
grade 3 events	309	301	269	235	273
	1%	1%	1%	0%	1%
grade 4 events	278	295	257	271	278
	1%	1%	0%	1%	1%
grade 5 events	679	771	694	807	767
	2%	3%	2%	3%	3%
grade 6 events	440	482	367	443	485
	1%	2%	1%	1%	1%
grade 7 events	21008	18995	23273	21226	21615
	86%	85%	88%	87%	87%

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	216.344237	216.3117611956746	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.660532	33.66465500822075	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783431	141.0101455738327	[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)	165073569.184000	165073193.41156			
Observation start date	2003-03-26T13:45:05	2003-03-26T13:39:53			
[s] Observation end time (MET)	165078569.184000	165078703.81179			
Observation end date	2003-03-26T15:08:25	2003-03-26T15:11:43			
Read mode	TIMED	TIMED			

2.3 Aspect



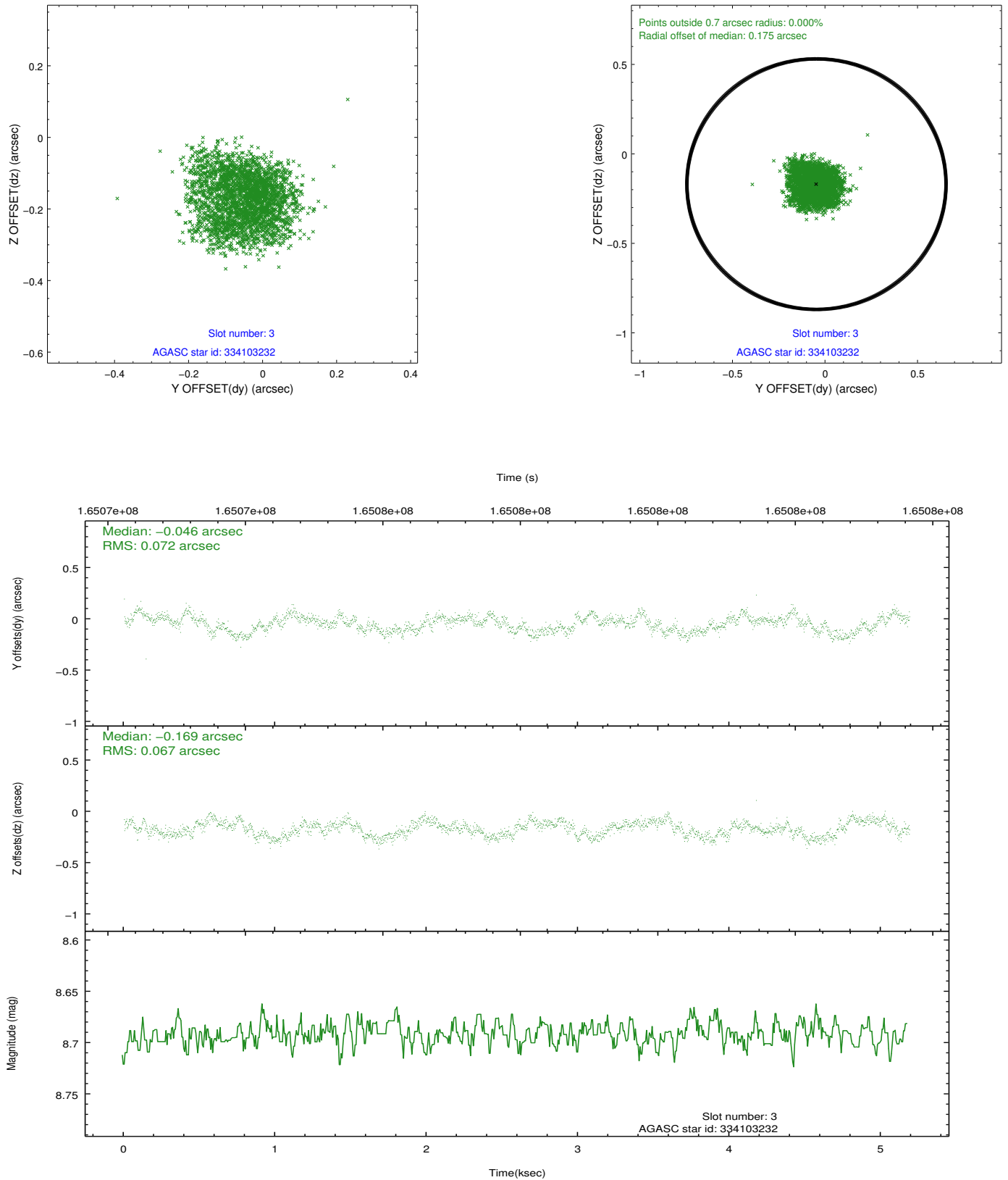


Slot Statistics

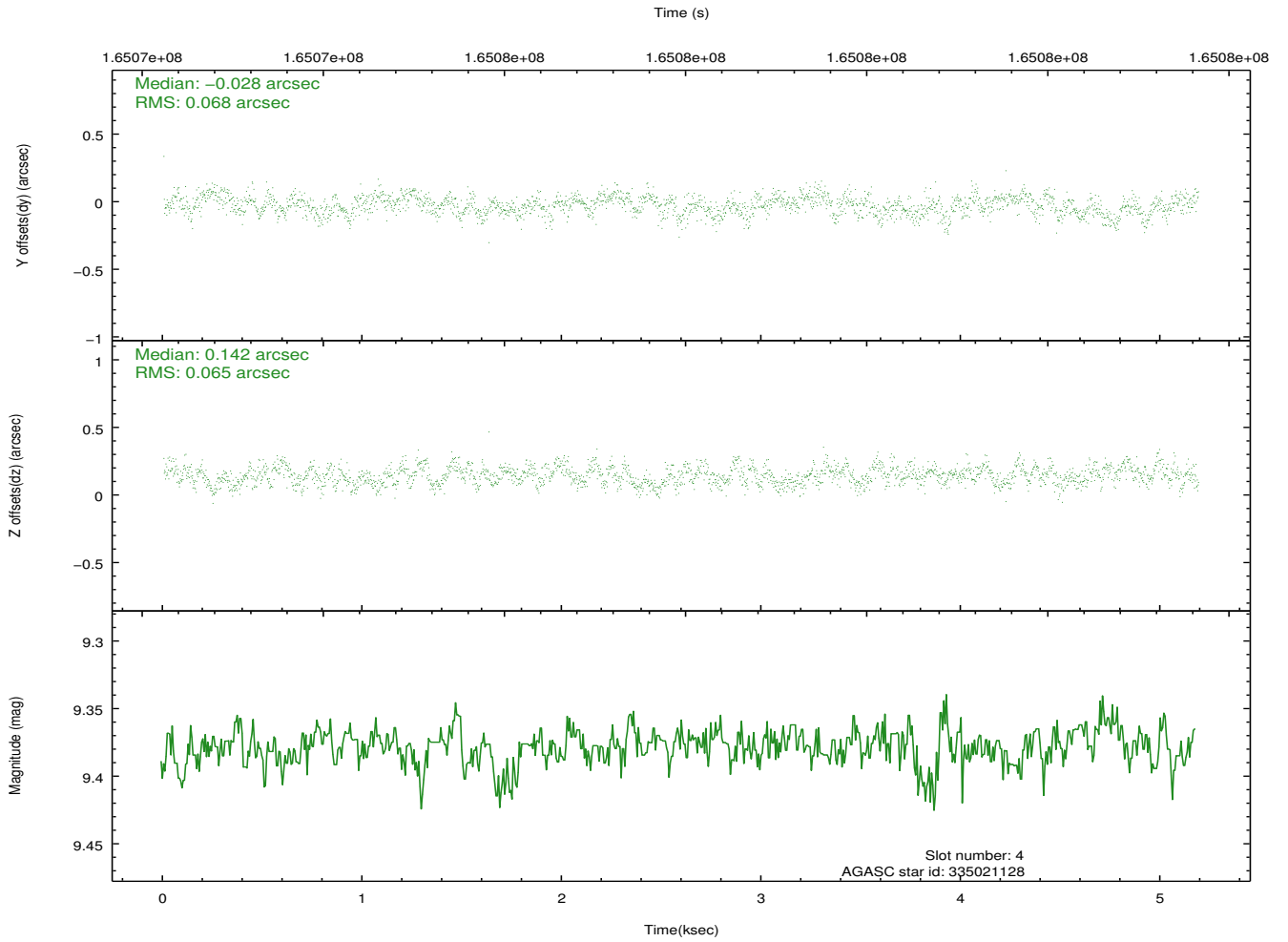
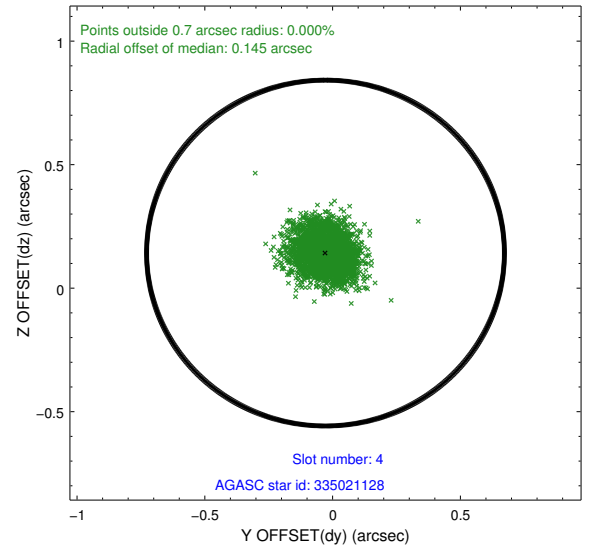
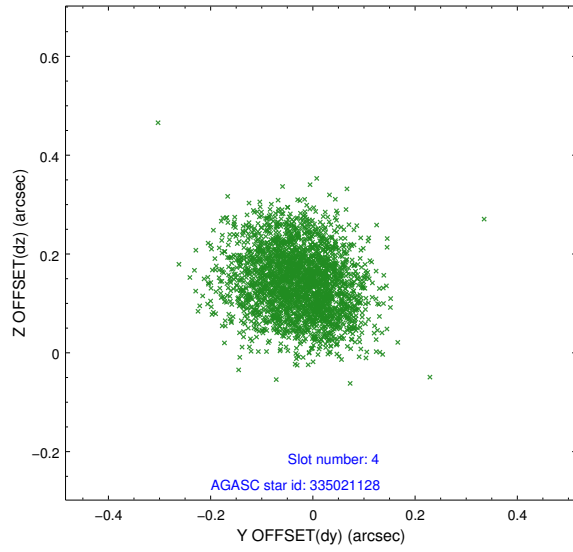
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1266	0.017	0.019	0.006	0.011	0.000000	0.000000	936.31	-830.64
1	FID	ACIS-I-5	7.24	1266	-0.089	0.061	0.006	0.010	0.000000	0.000000	-1811.22	1066.35
2	FID	ACIS-I-6	7.26	1266	-0.019	-0.009	0.006	0.012	0.000000	0.000000	400.60	1712.07
3	GUIDE	334103232	8.69	2531	-0.046	-0.169	0.107	0.161	215.850271	33.571936	948.75	1181.29
4	GUIDE	335021128	9.38	2521	-0.028	0.142	0.101	0.158	216.159551	34.422539	2160.70	-1777.98
5	GUIDE	335028696	9.16	2529	0.019	0.300	0.095	0.152	217.260519	33.844112	-1695.56	-2254.05
6	GUIDE	335029808	9.06	2531	0.051	-0.086	0.069	0.112	216.789548	33.180488	-2130.54	487.37
7	GUIDE	335030152	9.70	2524	0.013	-0.190	0.143	0.226	216.202154	33.091054	-964.64	1859.21

2.4 Star Slots

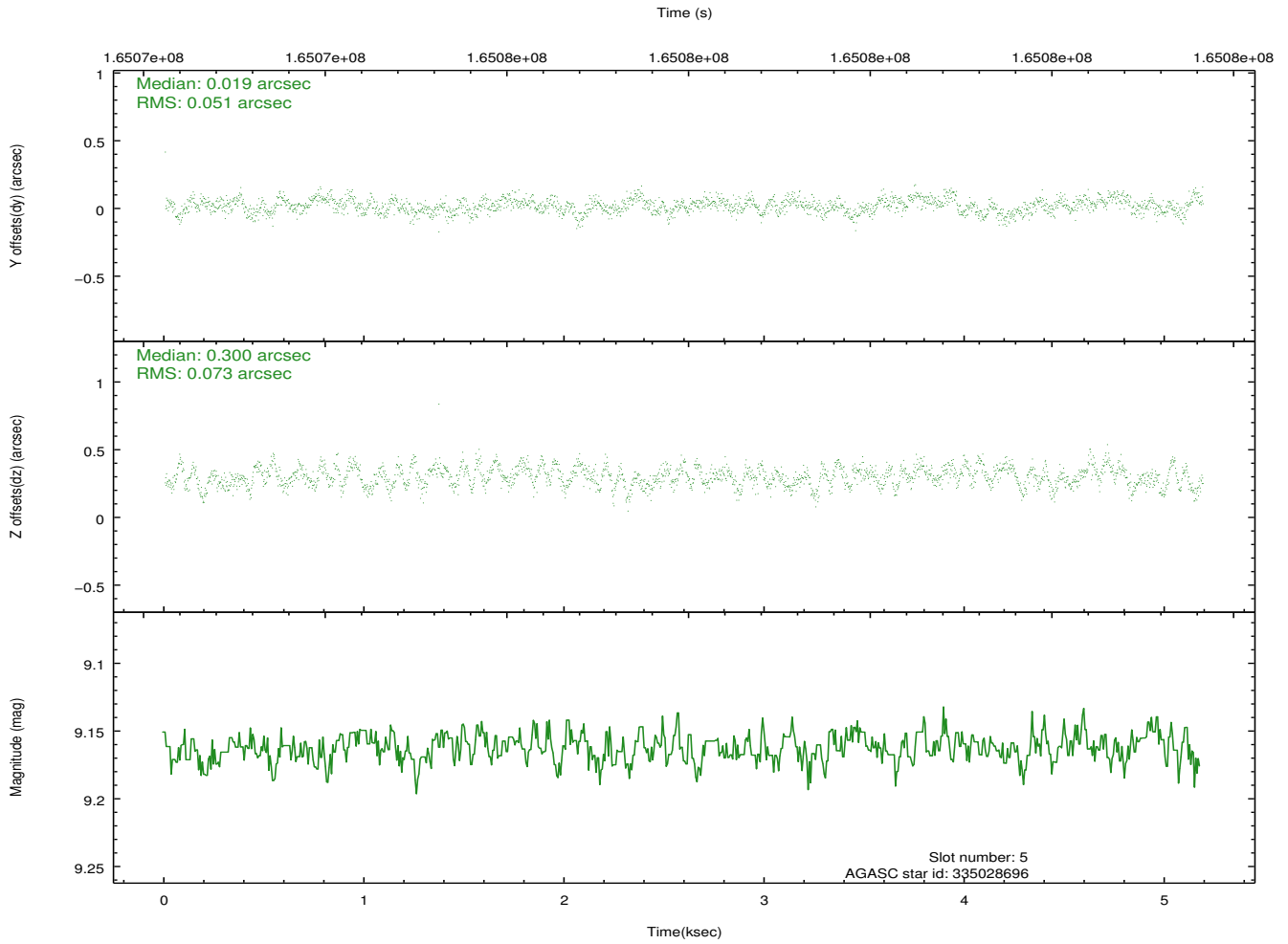
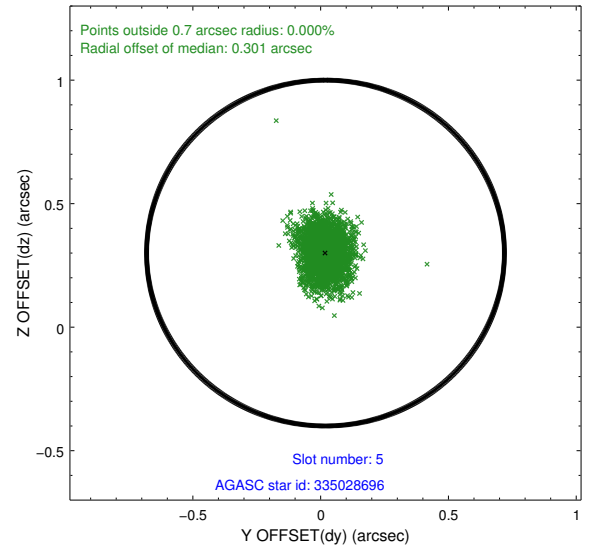
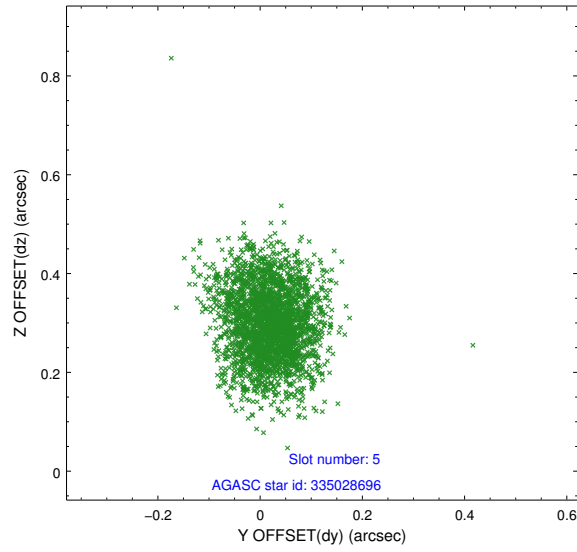
2.4.1 Slot 3



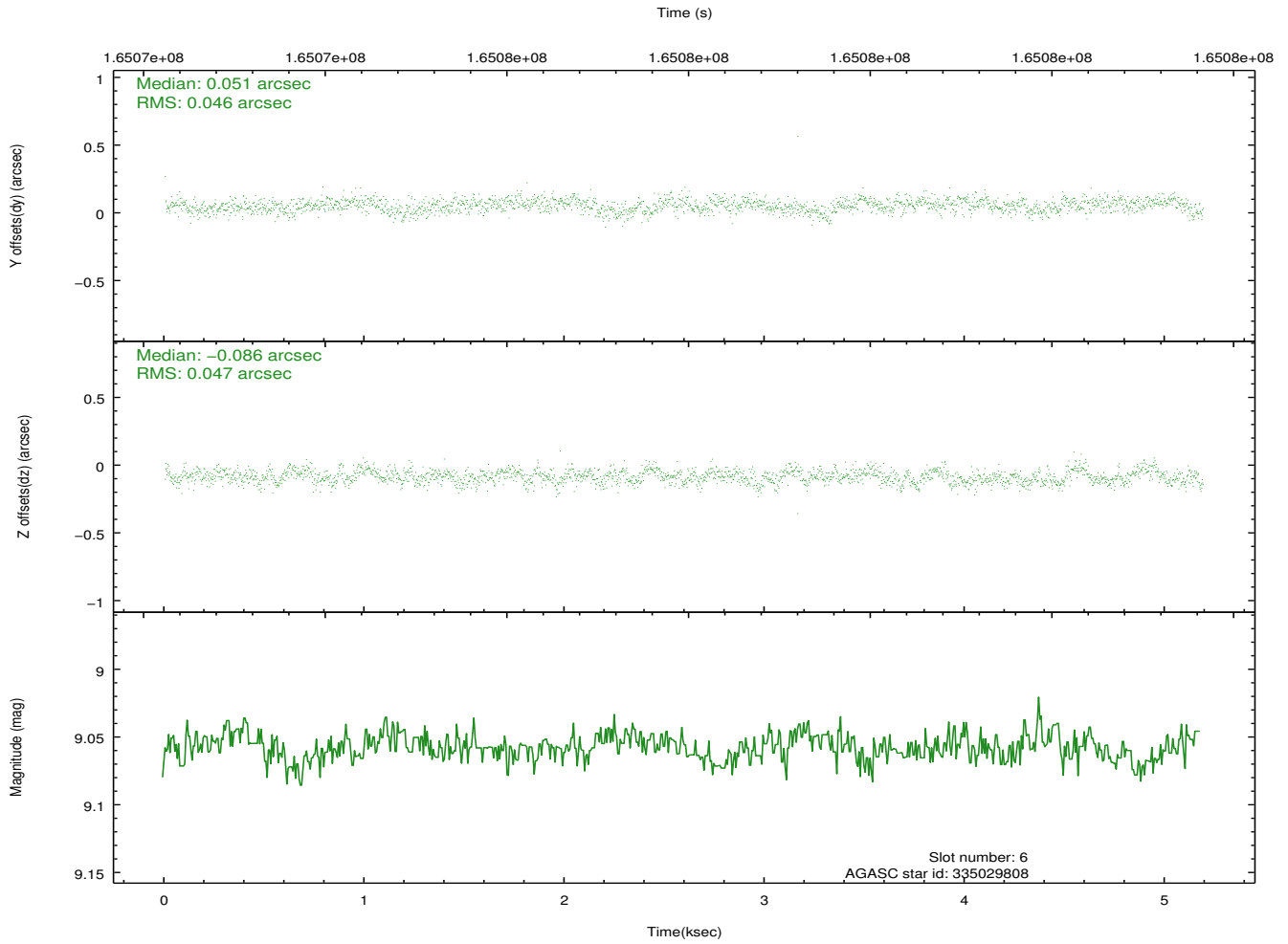
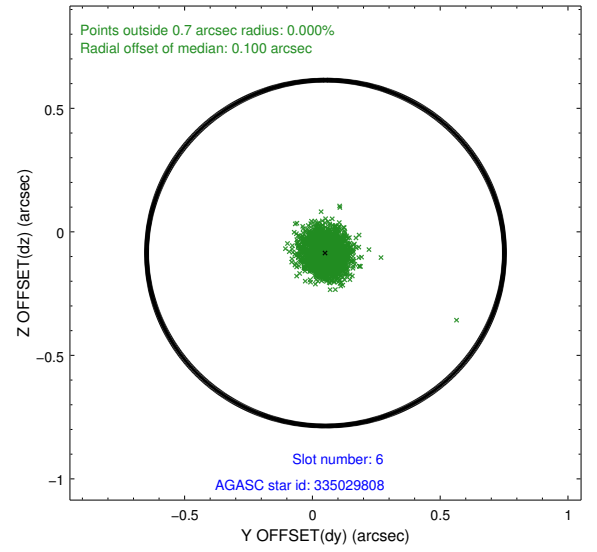
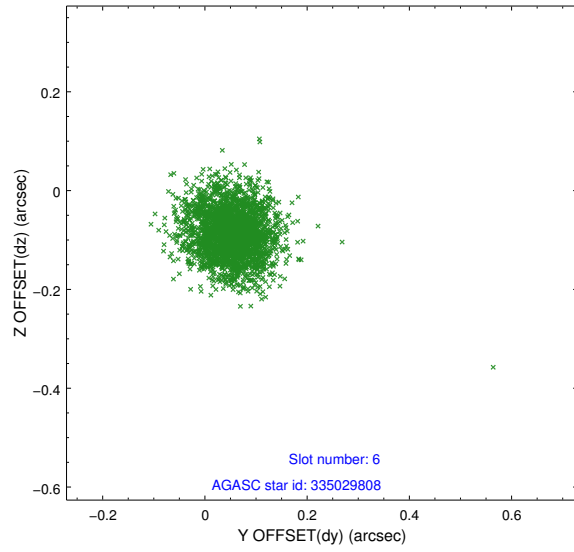
2.4.2 Slot 4



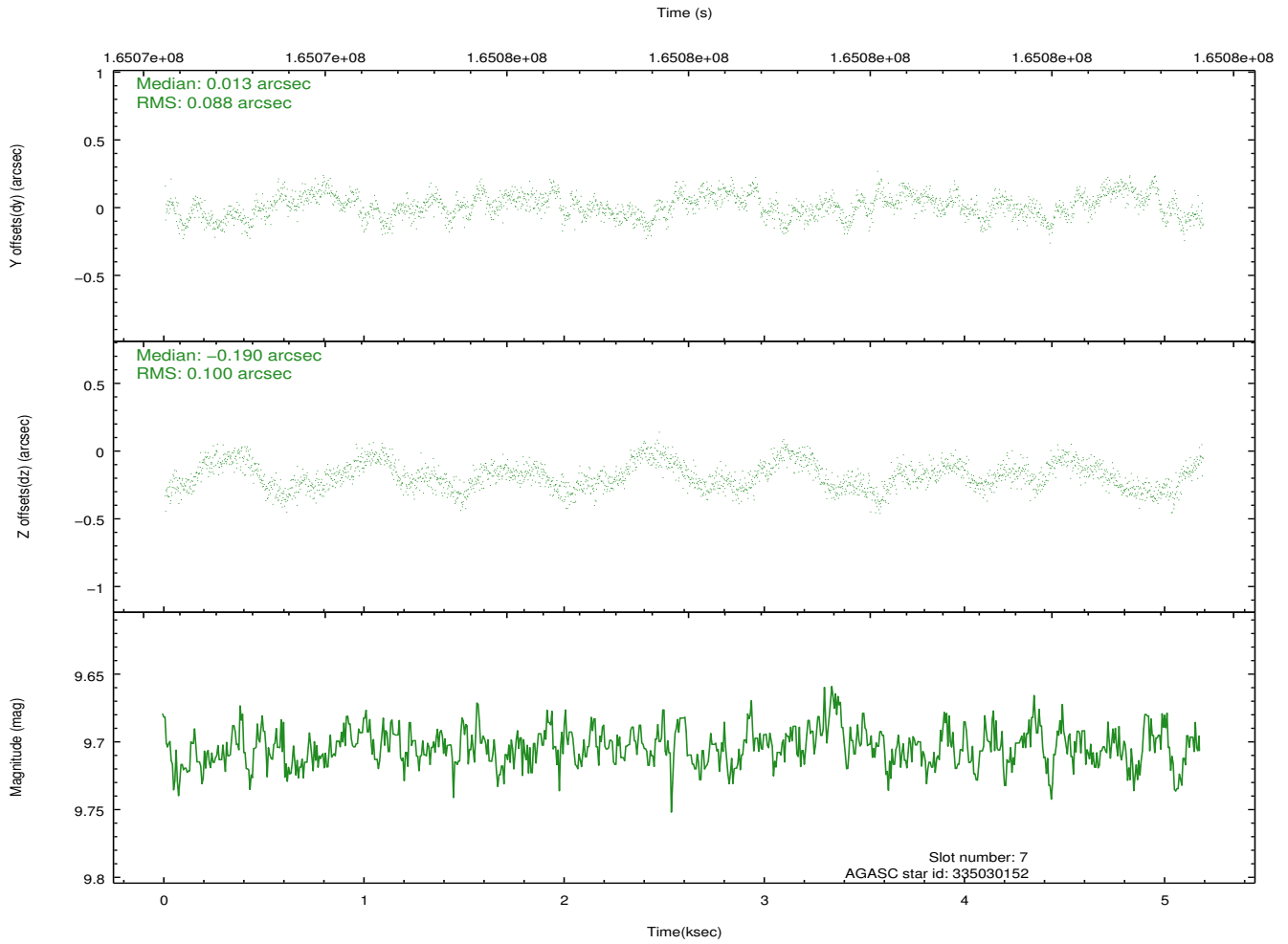
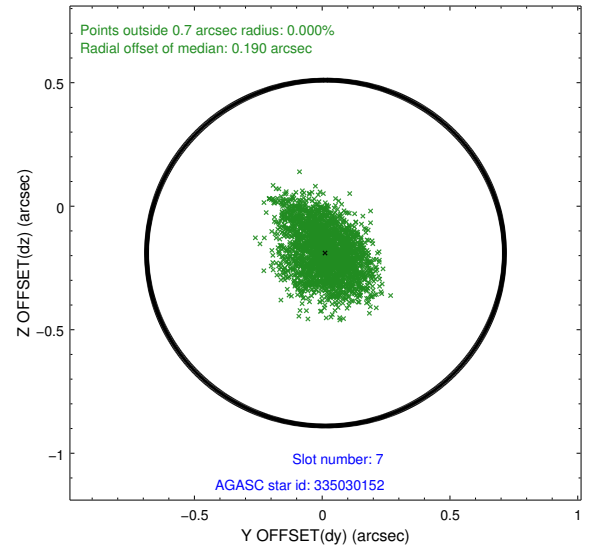
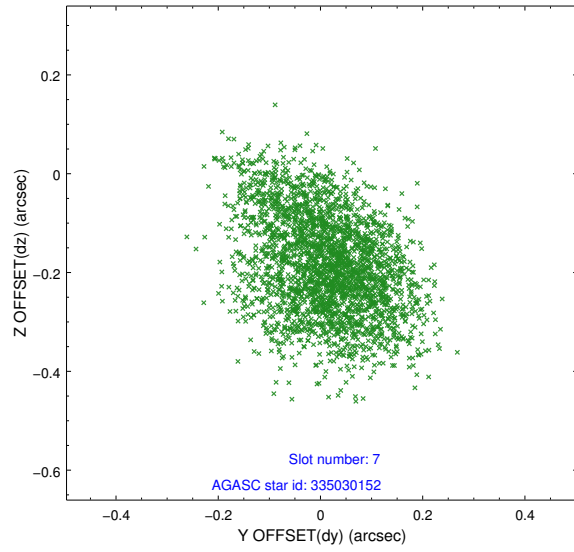
2.4.3 Slot 5



2.4.4 Slot 6

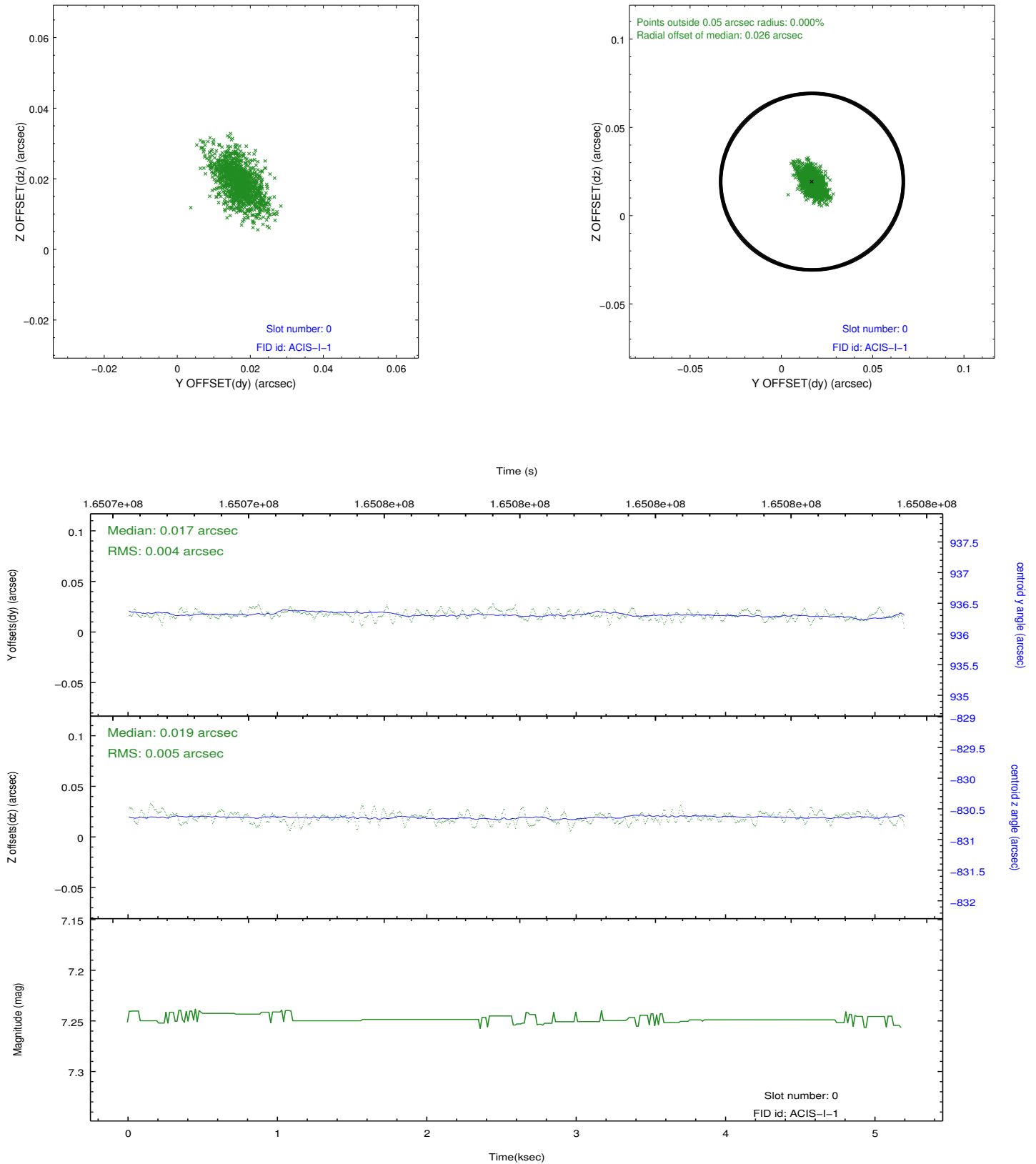


2.4.5 Slot 7

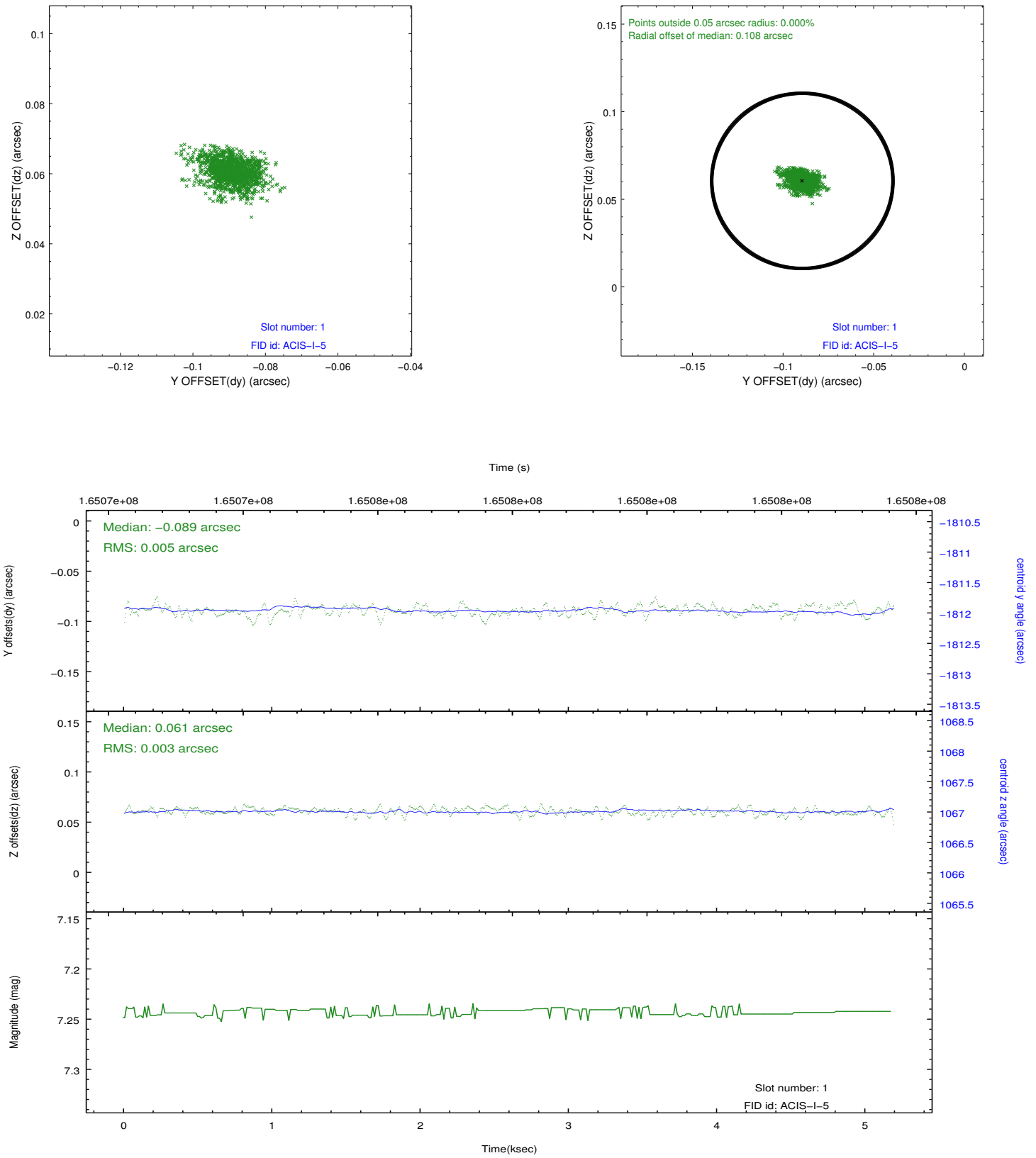


2.5 FID Slots

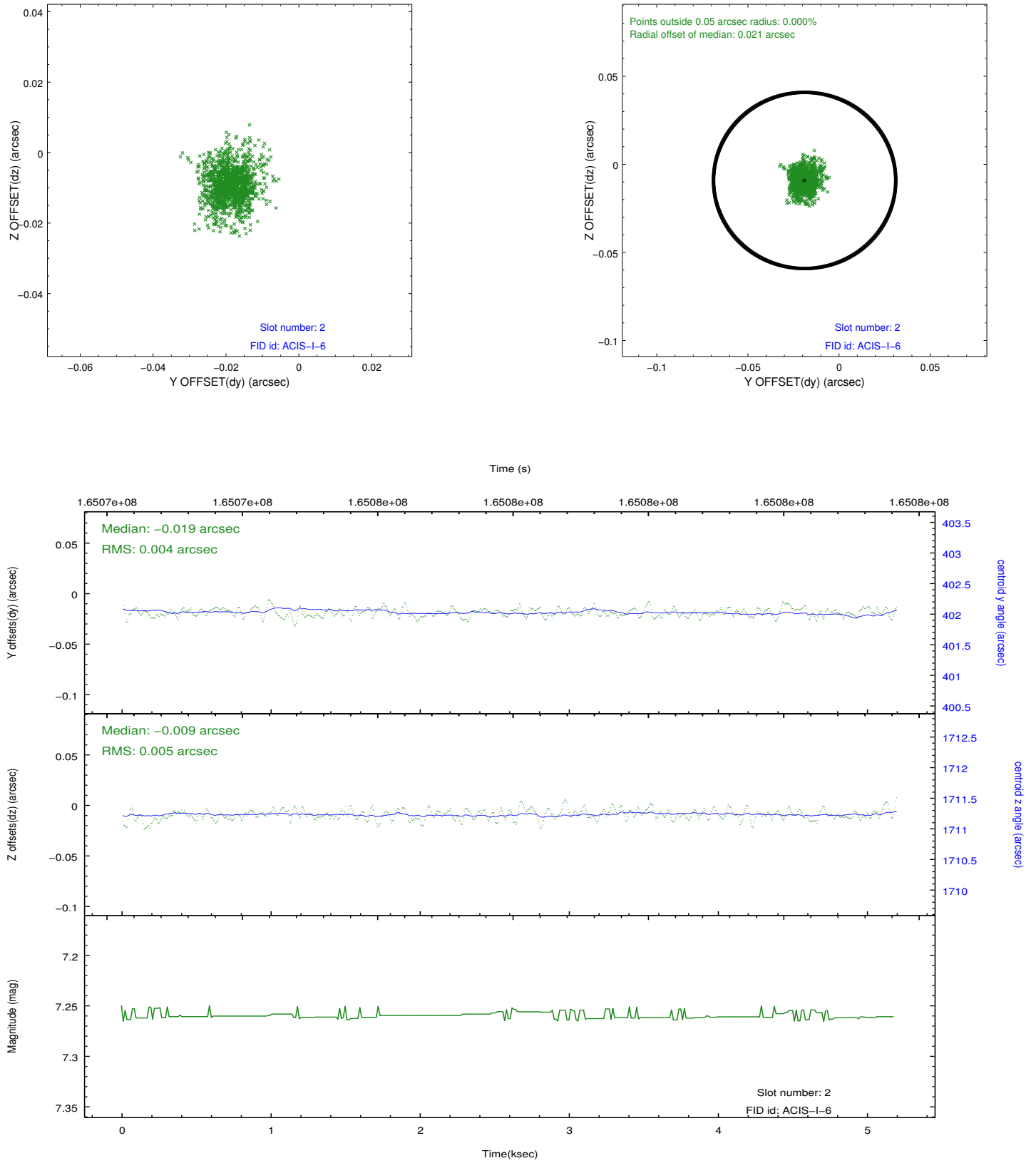
2.5.1 Slot 0



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)	2012.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments