

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7005 - L2 Version 2
Chandra X-Ray Center

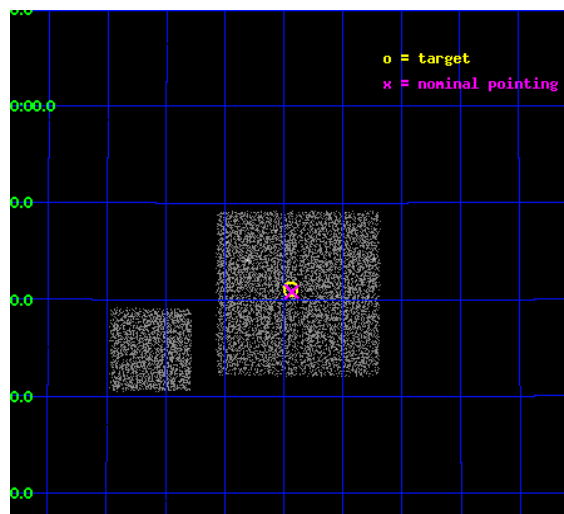
L2 Processing Date : Apr 7 2012

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1 Front

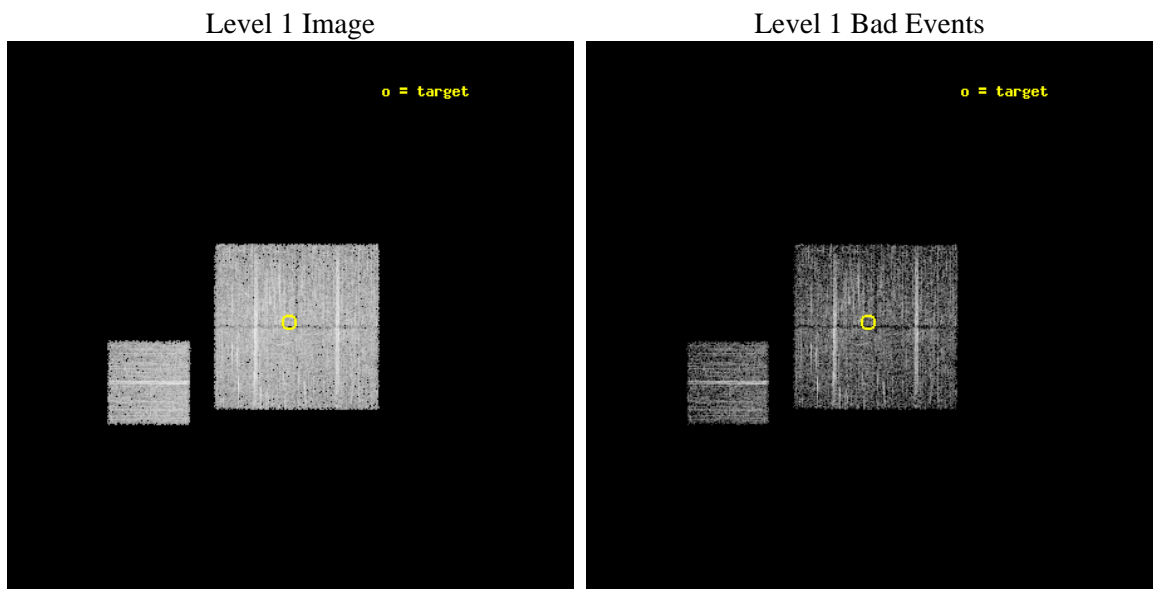
seq_num	900421	Sequence number
obs_id	7005	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 27	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.23495	Observer's specified target RA [deg]
dec_targ	34.684834	Observer's specified target Dec [deg]
ra_nom	218.23285492873	Nominal RA [deg]
dec_nom	34.680553761338	Nominal Dec [deg]
roll_nom	270.2099054539	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4475.8185518384	Sum of GTIs [s]
livetime	4417.3386874089	Livetime [s]
ontime0	4478.8363624215	Sum of GTIs [s]
ontime1	4475.7364321351	Sum of GTIs [s]
ontime2	4478.9184622765	Sum of GTIs [s]
ontime3	4475.8185518384	Sum of GTIs [s]
ontime6	4478.7953422666	Sum of GTIs [s]
l2events	13046	Number of level 2 events



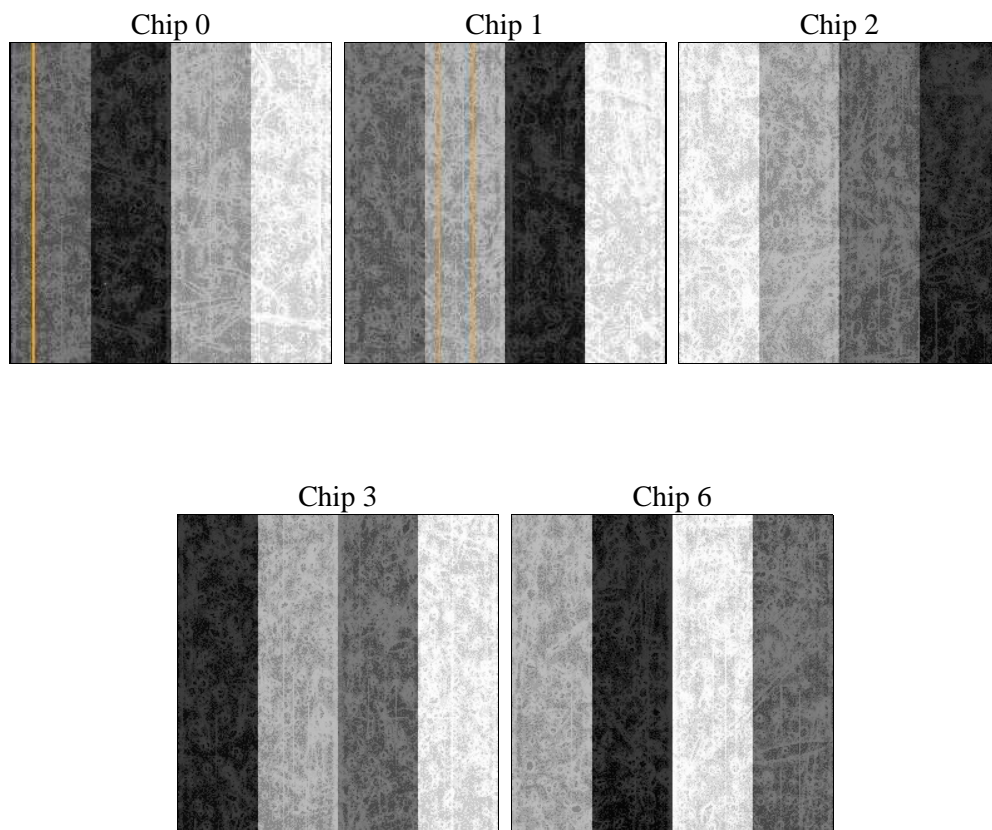
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4475.8185518384	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4478.8363624215	Sum of GTIs [s]
date	2012-04-07T09:05:56	Date and time of file creation	ontime1	4475.7364321351	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4478.9184622765	Sum of GTIs [s]
			ontime3	4475.8185518384	Sum of GTIs [s]
			ontime6	4478.7953422666	Sum of GTIs [s]
			l1events	161837	Number of level 1 events

2.1.4 Events

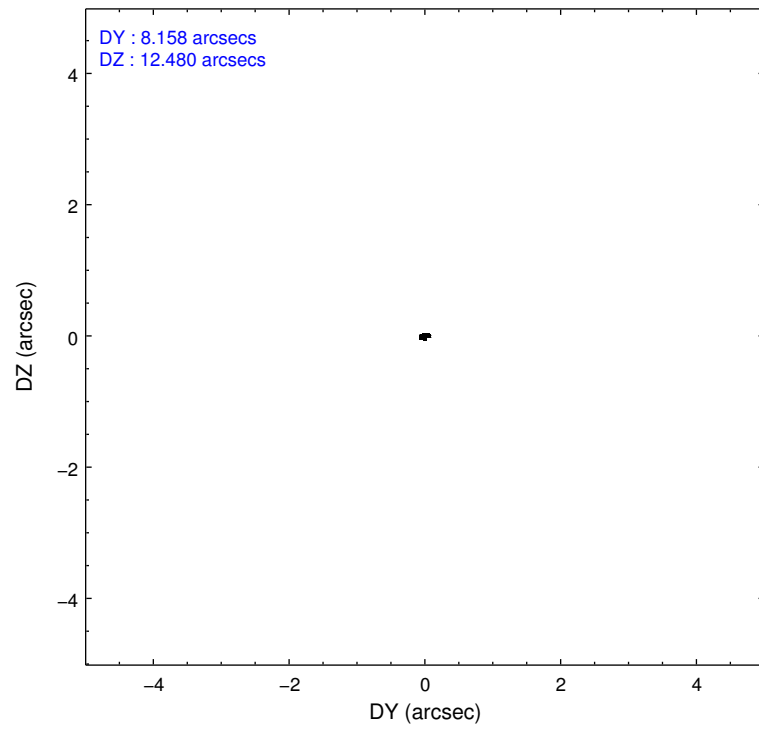
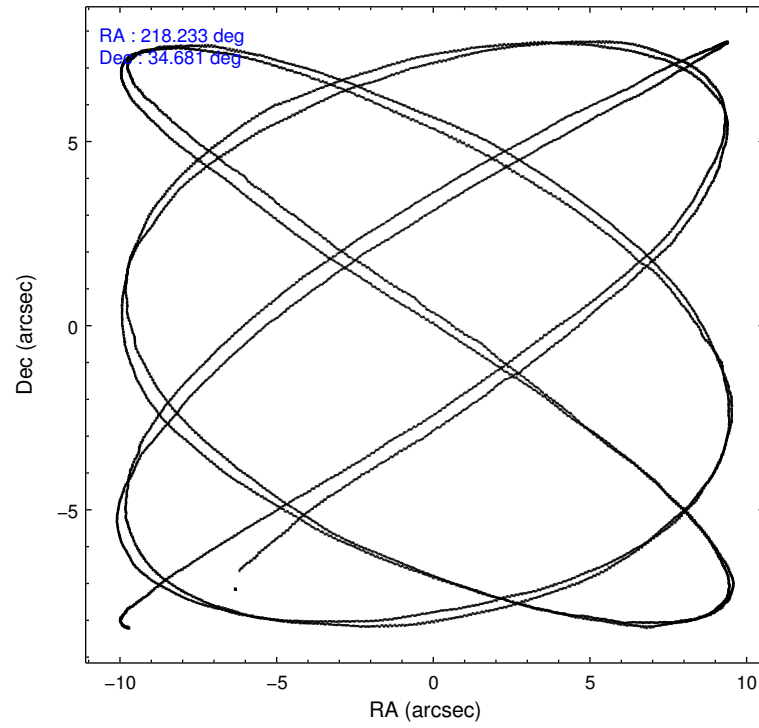
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	29628	31108	35523	33103	32475
rejected events	26551	27806	32452	30003	29209
rejected %	89%	89%	91%	90%	89%

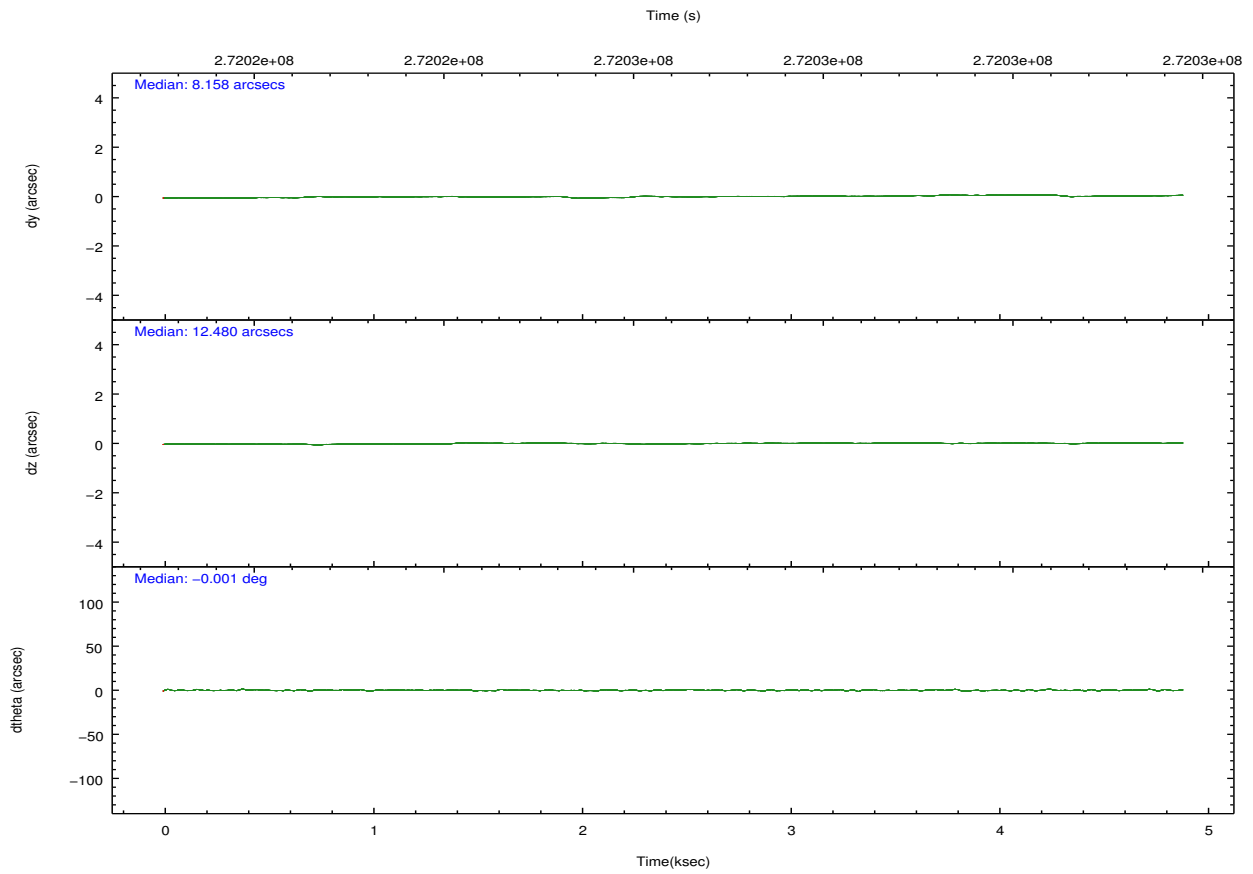
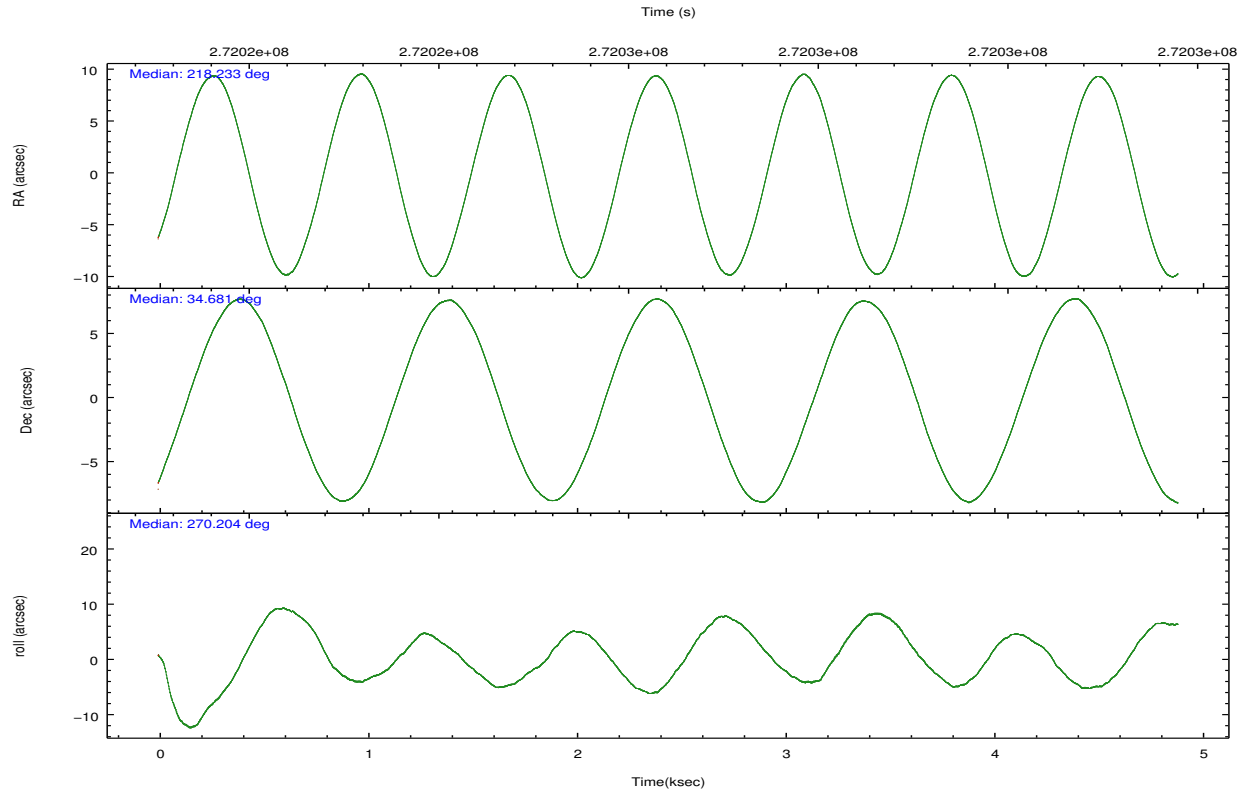
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1143	1135	1135	1202	1149
	3%	3%	3%	3%	3%
grade 1 events	11	15	24	20	16
	0%	0%	0%	0%	0%
grade 2 events	755	714	743	638	715
	2%	2%	2%	1%	2%
grade 3 events	324	399	340	367	361
	1%	1%	0%	1%	1%
grade 4 events	333	380	365	362	360
	1%	1%	1%	1%	1%
grade 5 events	897	984	905	1123	1076
	3%	3%	2%	3%	3%
grade 6 events	527	677	488	532	685
	1%	2%	1%	1%	2%
grade 7 events	25638	26804	31523	28859	28113
	86%	86%	88%	87%	86%

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	218.215939	218.232854928729	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.704133	34.680553761338	Alternating exposures requested	N	N
[deg] Pointing Roll	270.010854	270.209905453898	[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)	272023953.184000	272023577.54048			
Observation start date	2006-08-15T10:11:28	2006-08-15T10:06:17			
[s] Observation end time (MET)	272028653.184000	272028787.61572			
Observation end date	2006-08-15T11:29:48	2006-08-15T11:33:07			
Read mode	TIMED	TIMED			

2.3 Aspect



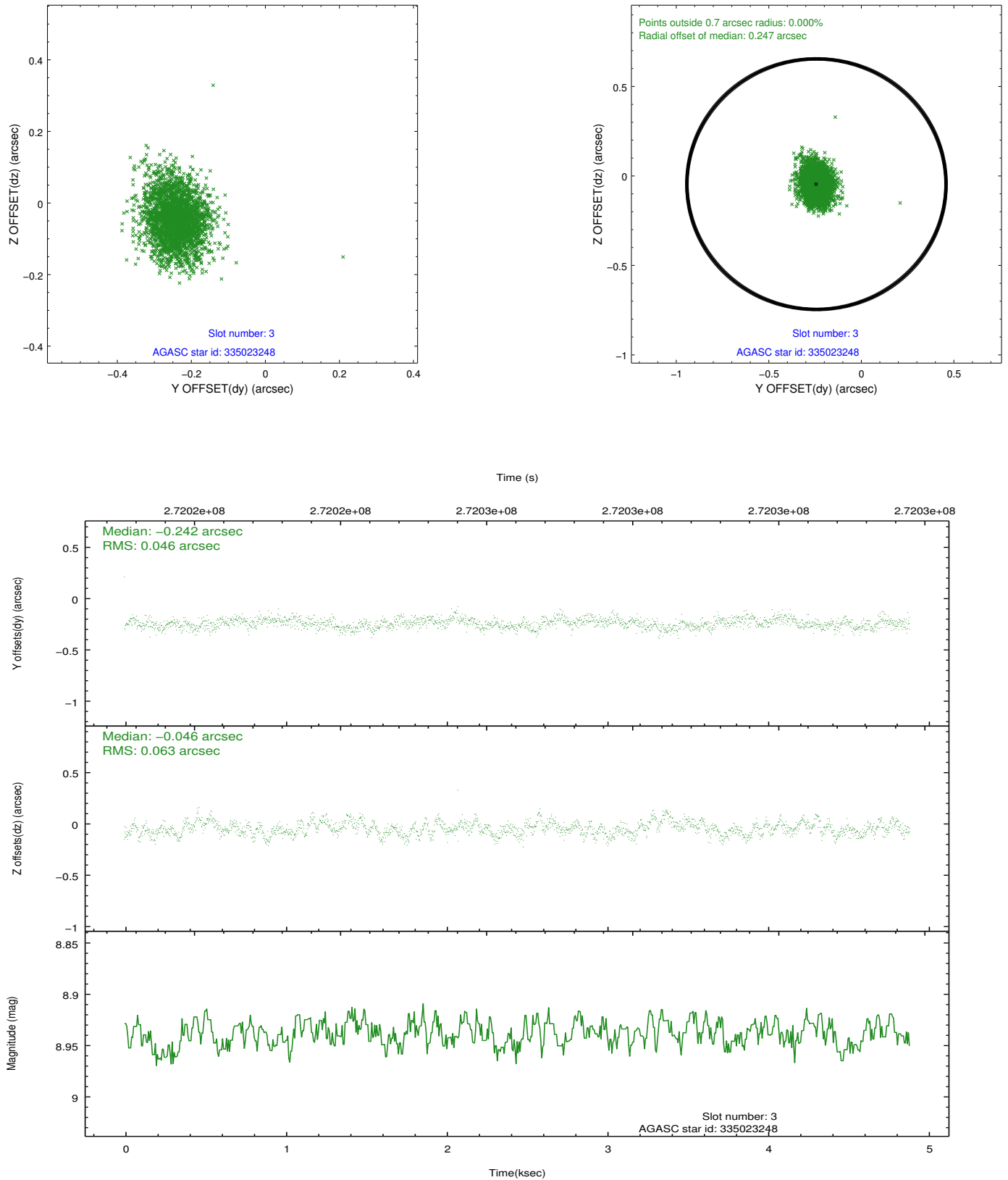


Slot Statistics

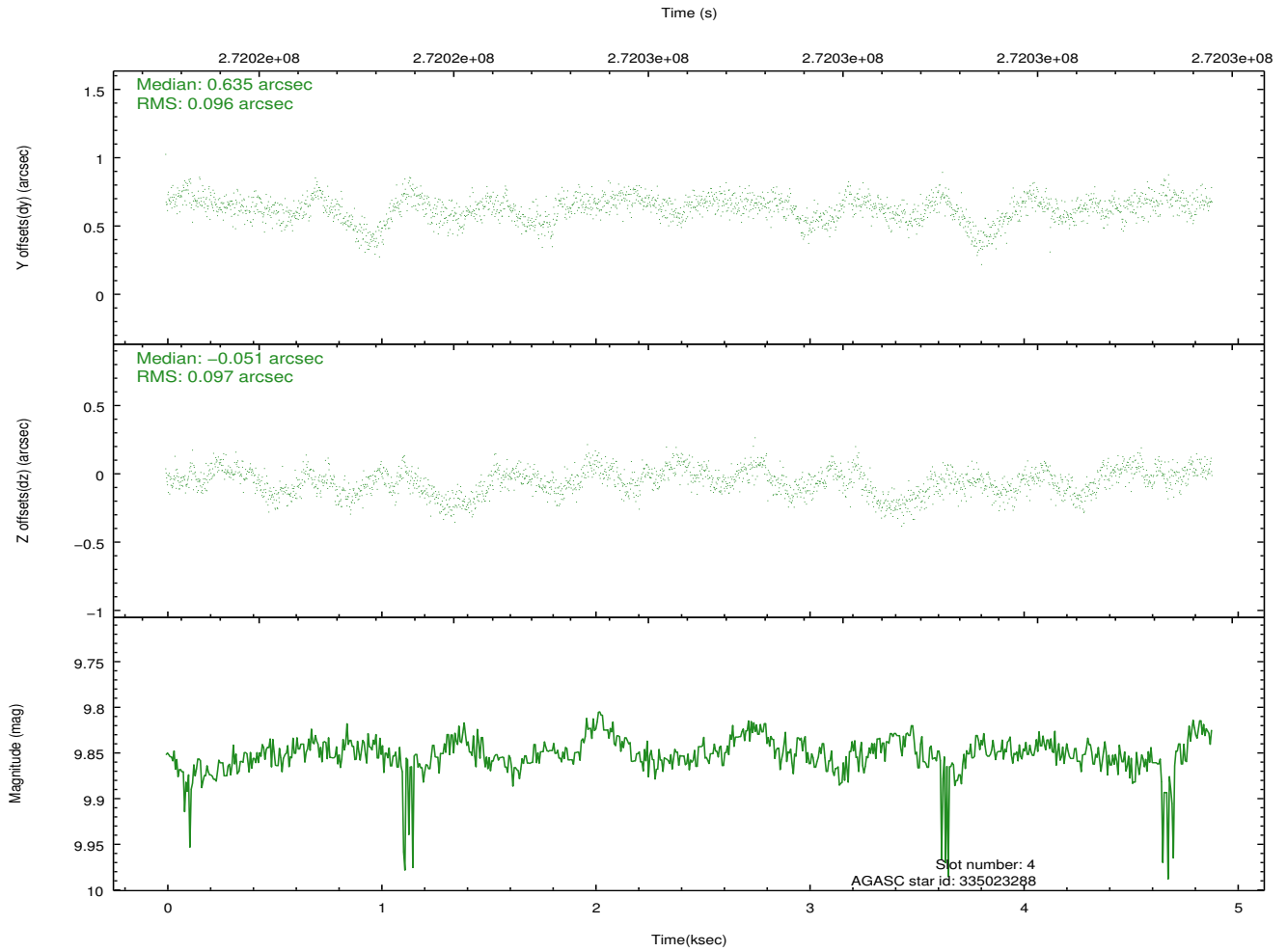
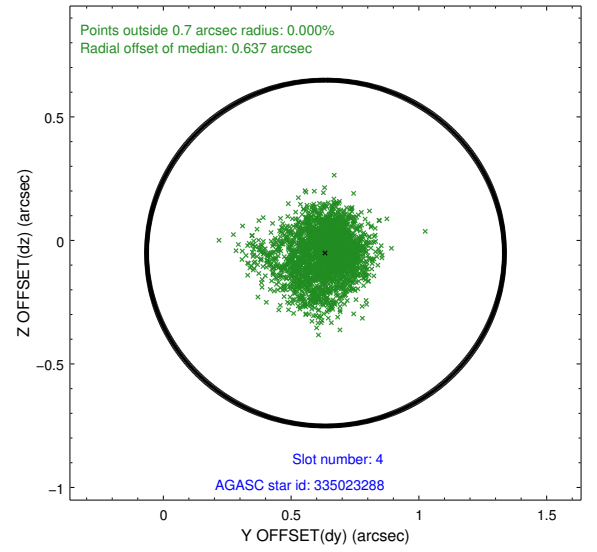
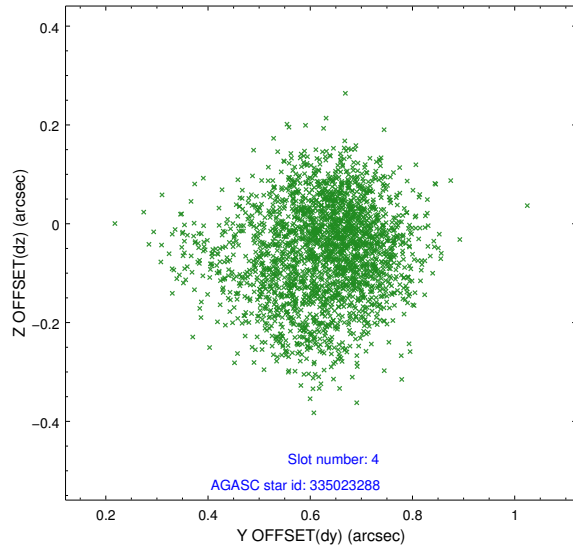
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1192	0.057	-0.034	0.006	0.012	0.000000	0.000000	931.54	-836.05
1	FID	ACIS-I-5	7.23	1192	-0.194	0.063	0.006	0.011	0.000000	0.000000	-1816.11	1060.94
2	FID	ACIS-I-6	7.24	1193	0.046	0.041	0.007	0.012	0.000000	0.000000	395.74	1706.81
3	GUIDE	335023248	8.94	2385	-0.242	-0.046	0.082	0.137	217.634832	34.944512	-870.16	-1714.66
4	GUIDE	335023288	9.85	2376	0.635	-0.051	0.145	0.234	217.791365	34.425735	1000.31	-1261.52
5	GUIDE	335025040	9.92	2377	0.016	-0.015	0.141	0.231	218.601670	34.305240	1434.95	1146.57
6	GUIDE	335414336	8.97	2384	-0.133	0.052	0.086	0.140	218.979022	35.090910	-1399.77	2248.60
7	GUIDE	335415168	9.81	2376	-0.262	0.060	0.123	0.205	217.681296	35.301767	-2156.26	-1570.41

2.4 Star Slots

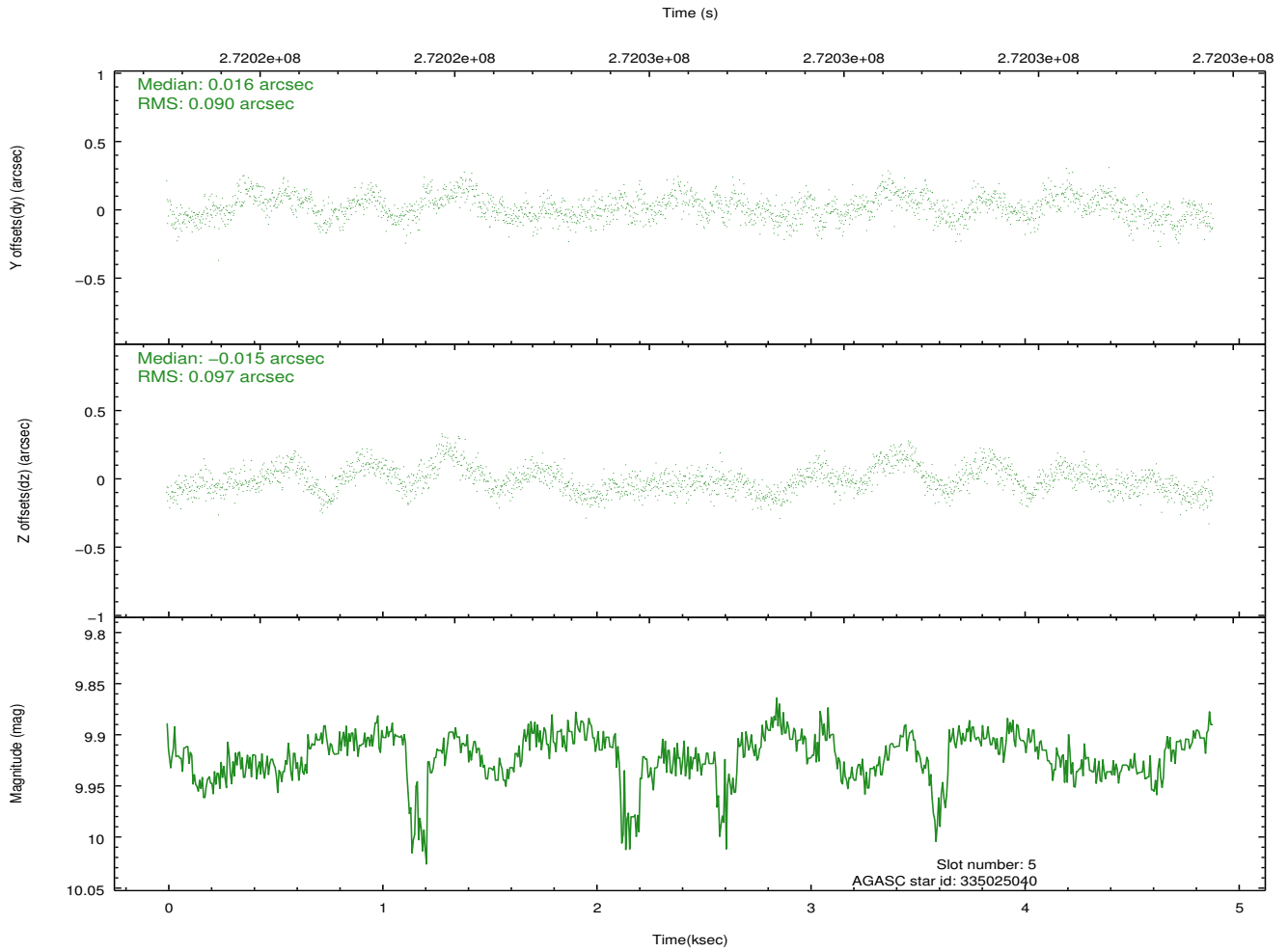
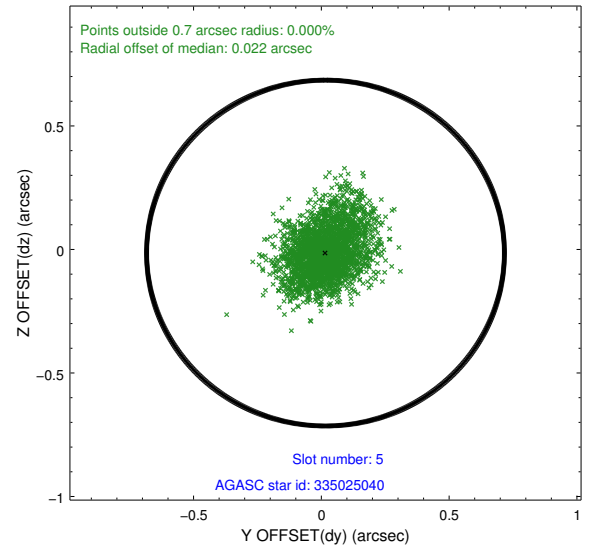
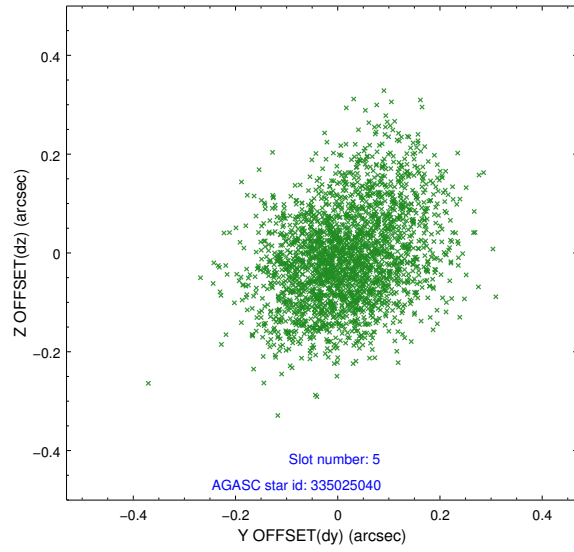
2.4.1 Slot 3



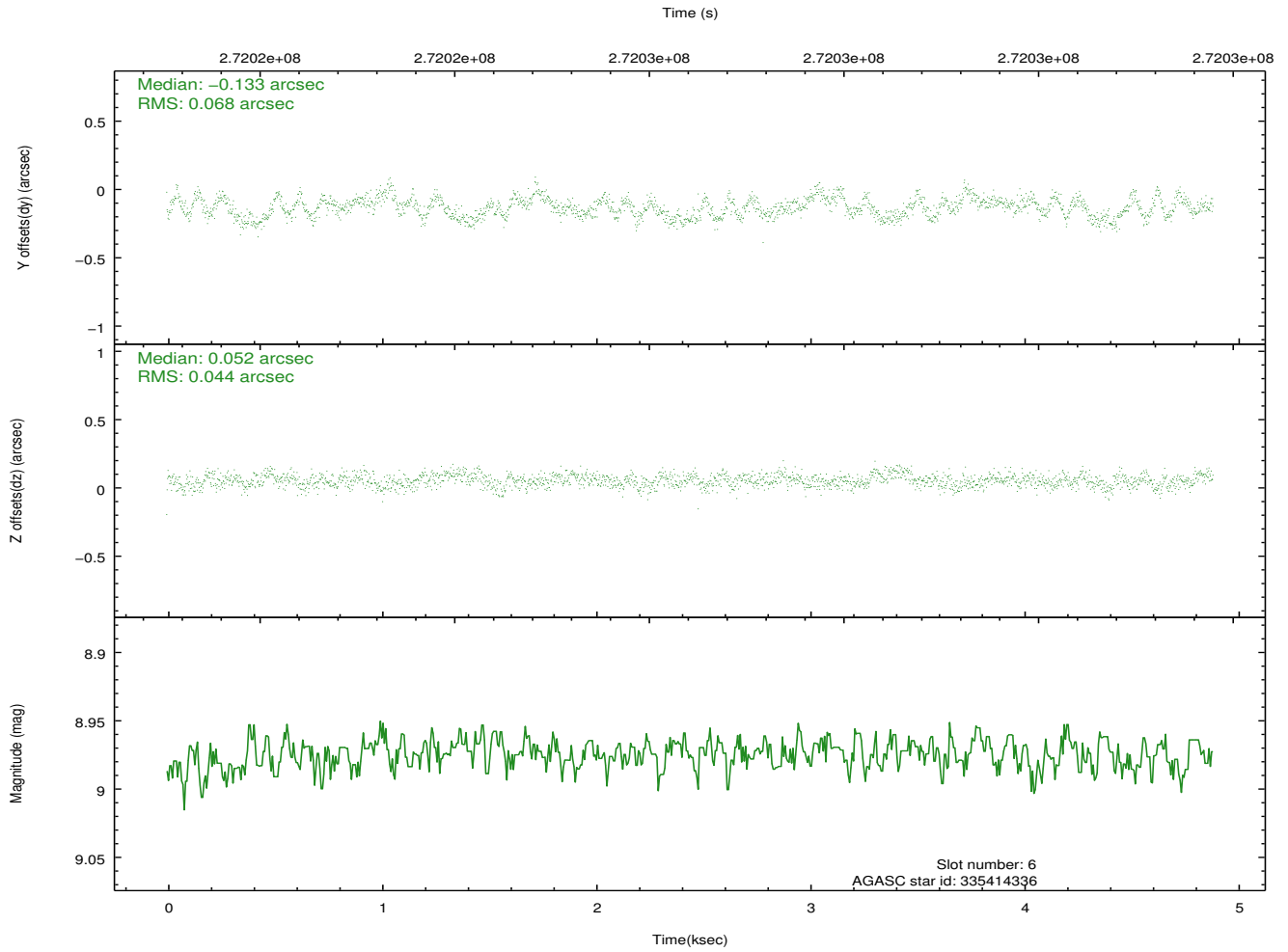
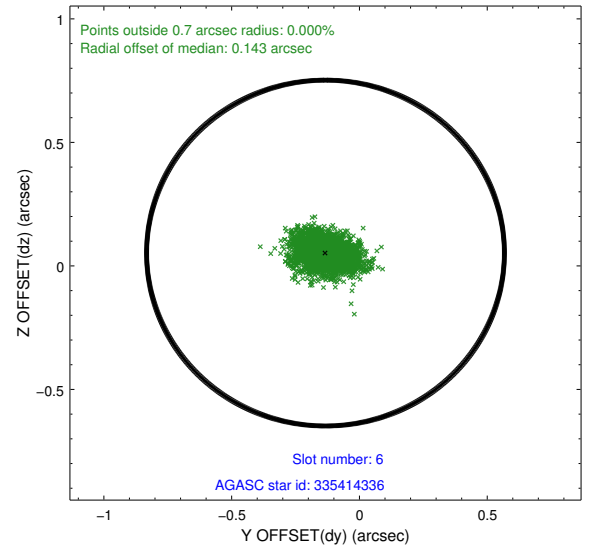
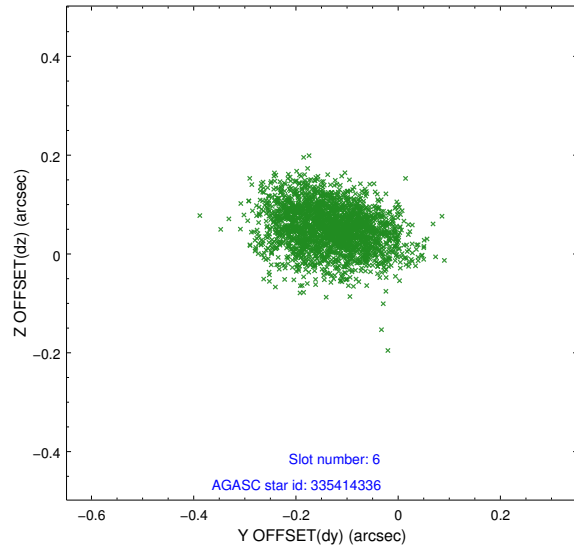
2.4.2 Slot 4



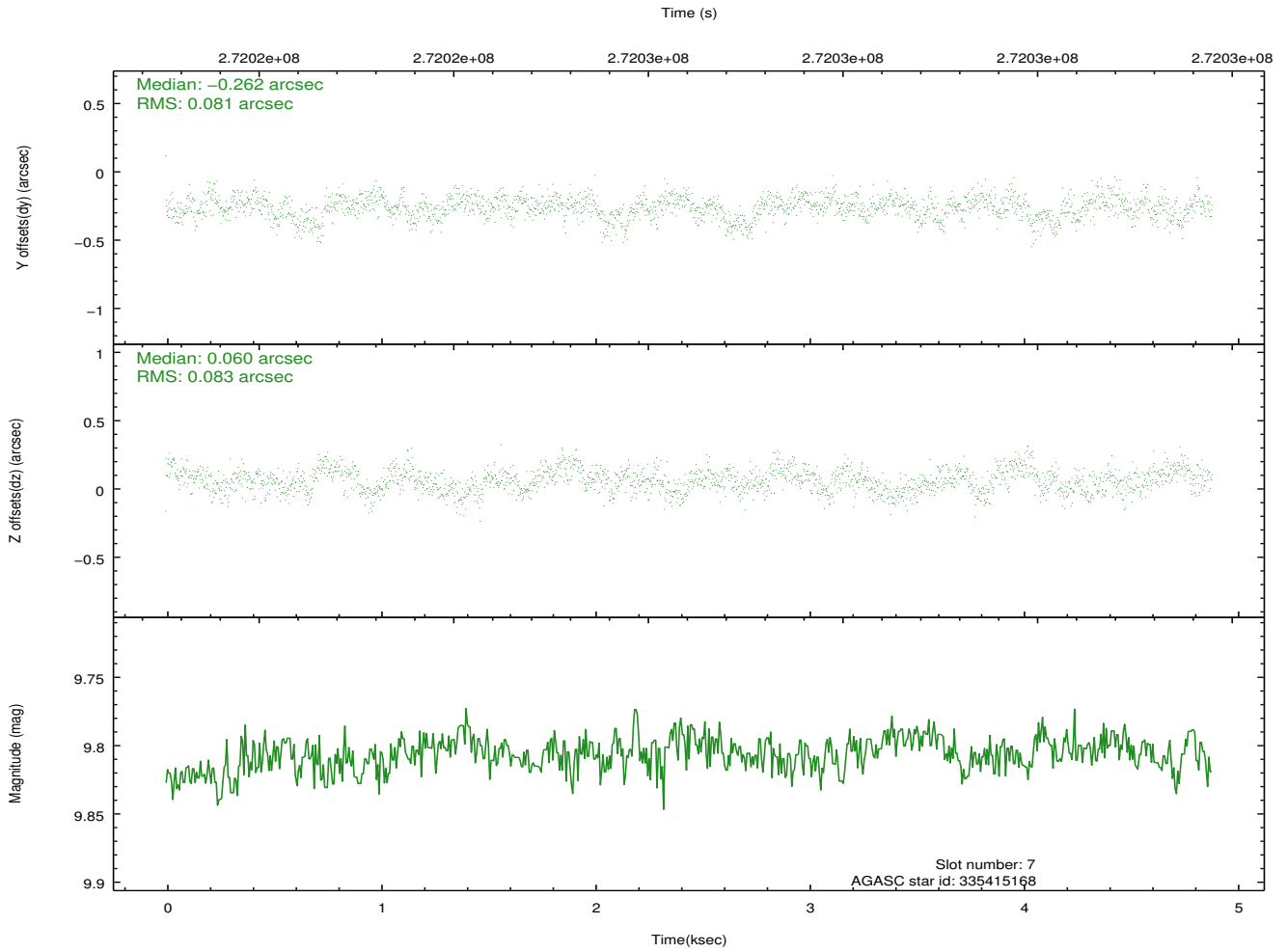
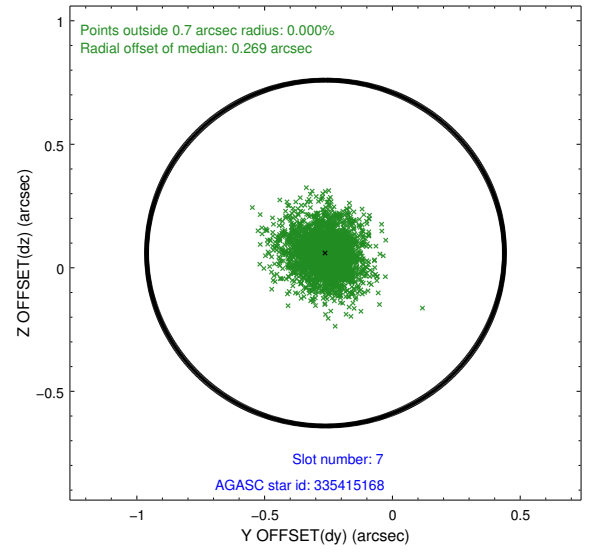
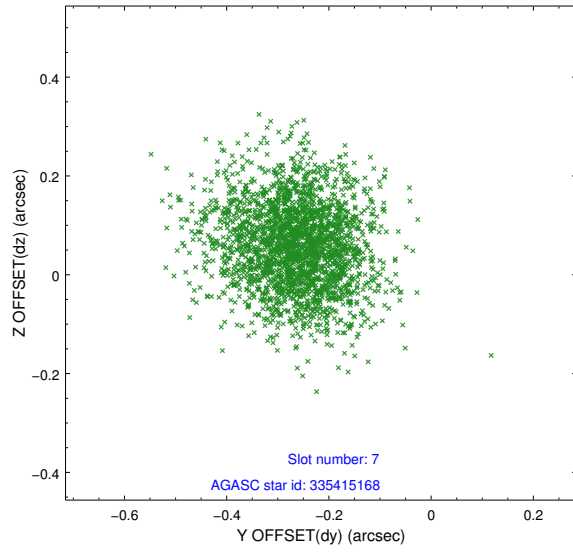
2.4.3 Slot 5



2.4.4 Slot 6

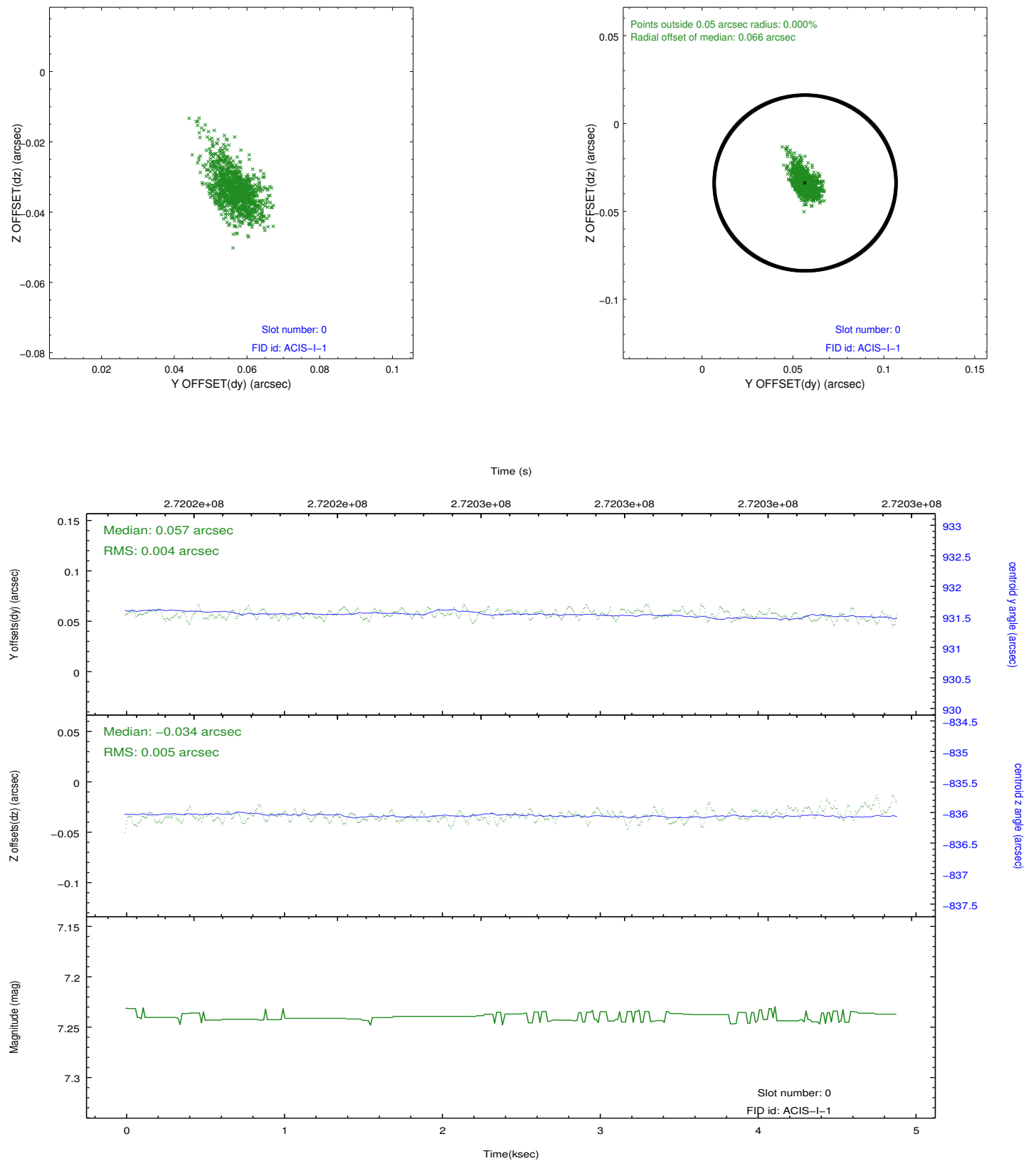


2.4.5 Slot 7

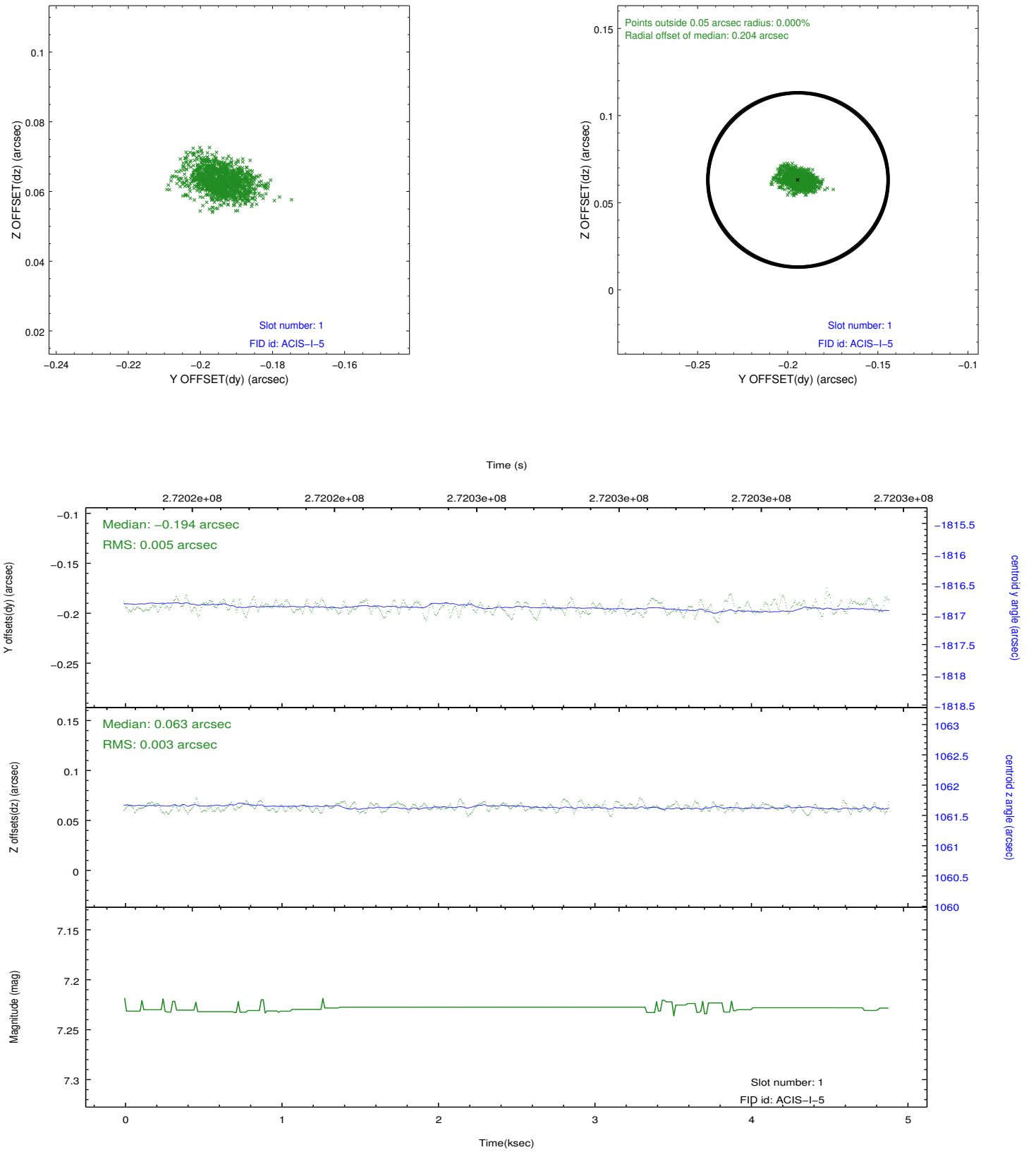


2.5 FID Slots

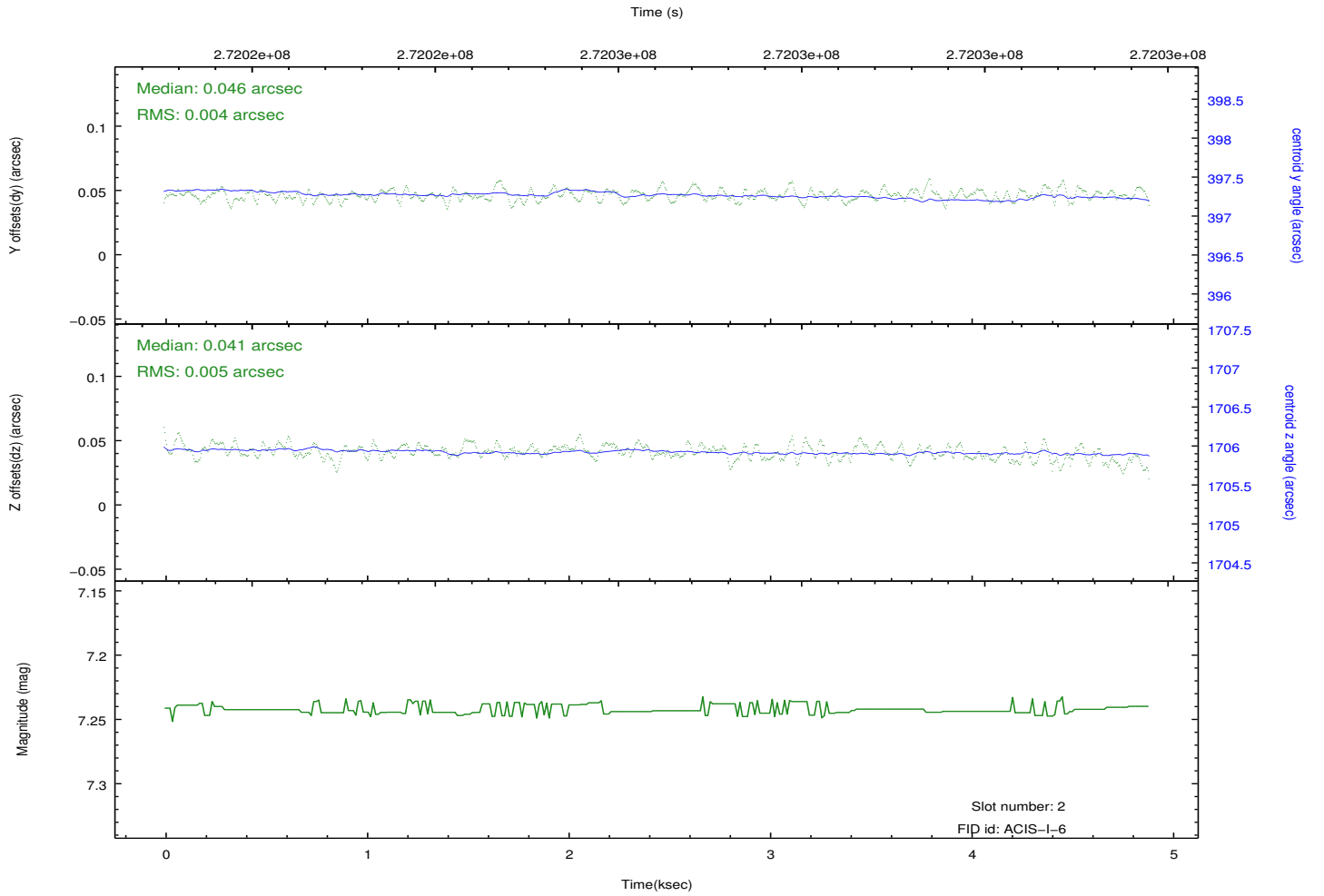
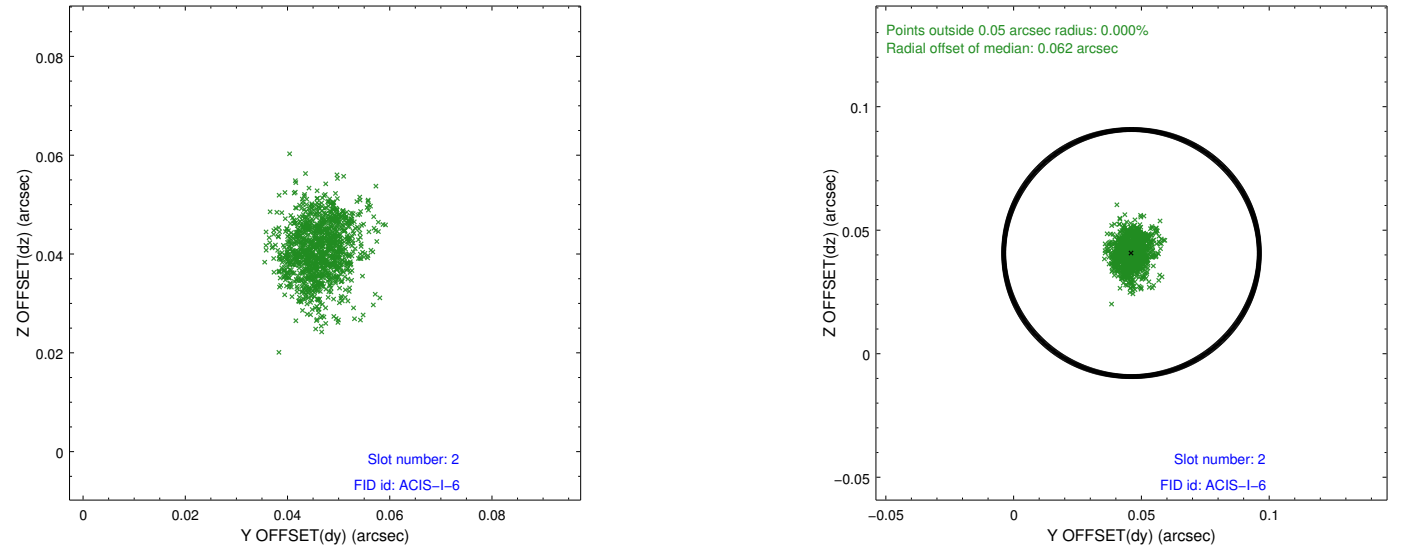
2.5.1 Slot 0



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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.47635908

A.2 Comments