

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4235 - L2 Version 3
Chandra X-Ray Center

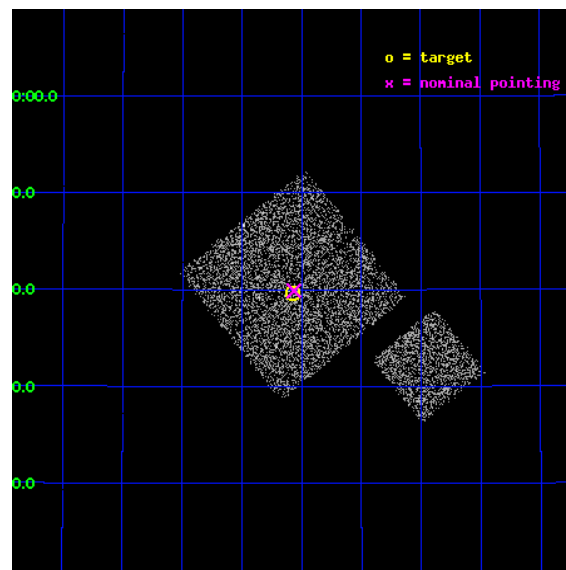
L2 Processing Date : Oct 25 2012

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1 Front

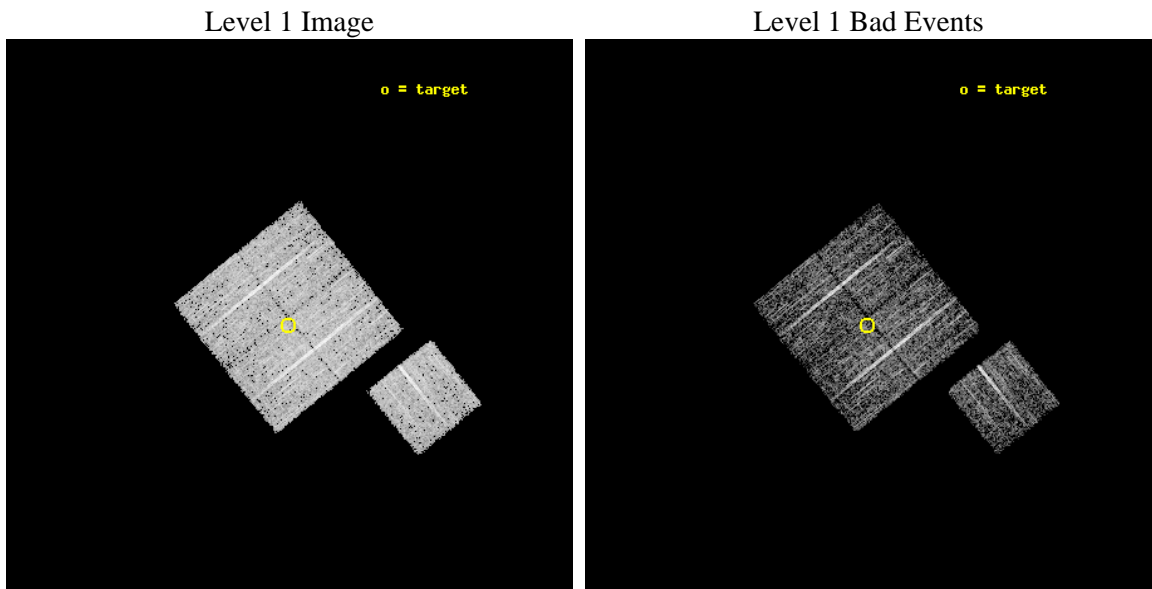
seq_num	900278	Sequence number
obs_id	4235	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS26	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.893848	Observer's specified target RA [deg]
dec_targ	33.660612	Observer's specified target Dec [deg]
ra_nom	218.89129793045	Nominal RA [deg]
dec_nom	33.664712283412	Nominal Dec [deg]
roll_nom	141.01011602608	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4776.3303401768	Sum of GTIs [s]
livetime	4713.9240679992	Livetime [s]
ontime0	4776.2072201669	Sum of GTIs [s]
ontime1	4776.2482601702	Sum of GTIs [s]
ontime2	4776.2893001735	Sum of GTIs [s]
ontime3	4776.3303401768	Sum of GTIs [s]
ontime6	4776.1661801636	Sum of GTIs [s]
l2events	9528	Number of level 2 events



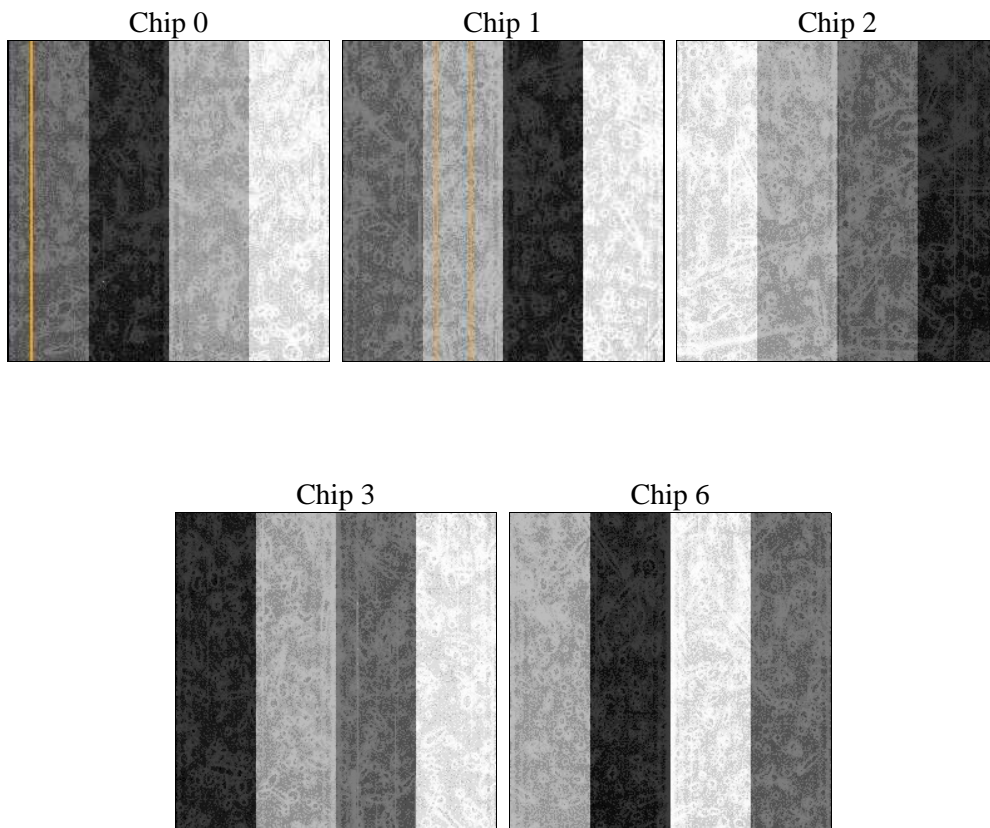
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.3303401768	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.2072201669	Sum of GTIs [s]
date	2012-10-25T23:41:37	Date and time of file creation	ontime1	4776.2482601702	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4776.2893001735	Sum of GTIs [s]
			ontime3	4776.3303401768	Sum of GTIs [s]
			ontime6	4776.1661801636	Sum of GTIs [s]
			l1events	117943	Number of level 1 events

2.1.4 Events

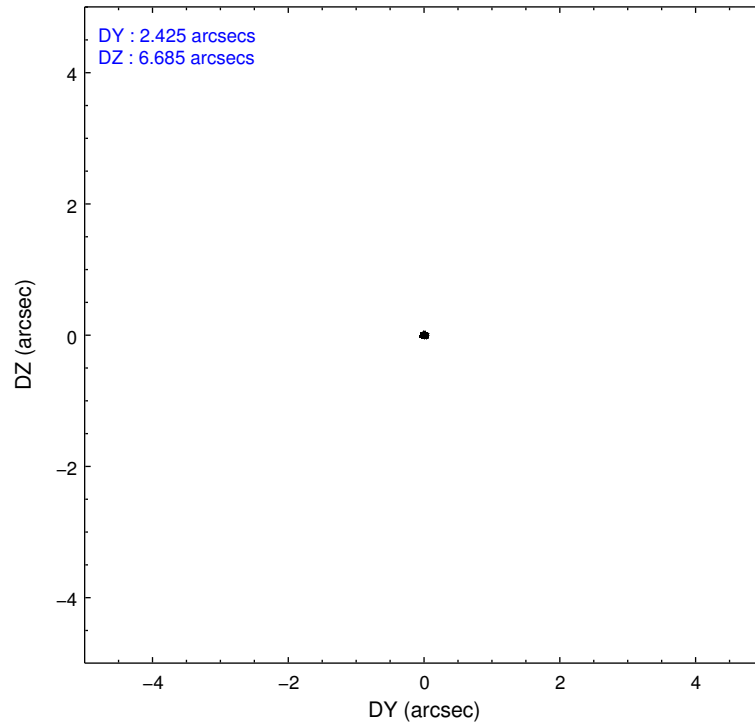
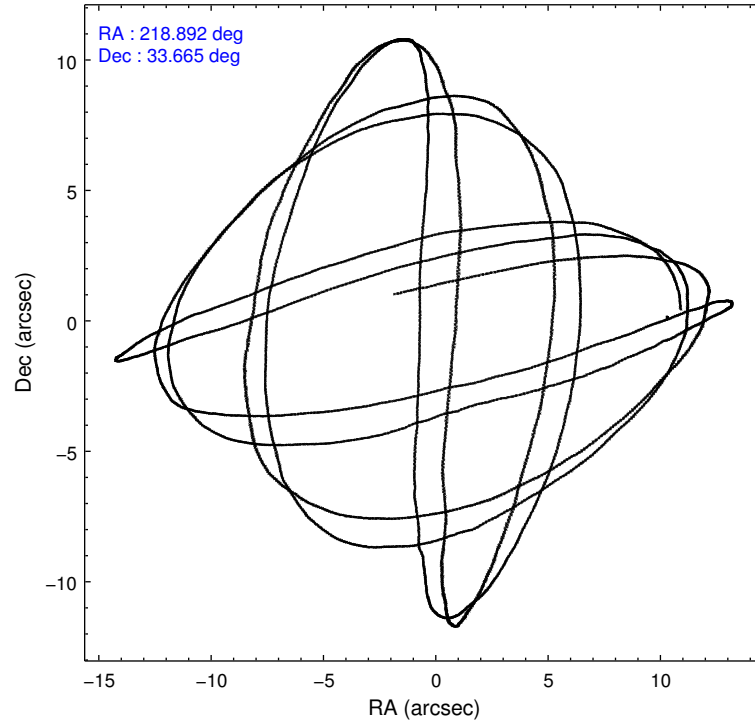
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22278	22612	25962	24243	22848
rejected events	19968	20154	23636	22048	20425
rejected %	89%	89%	91%	90%	89%

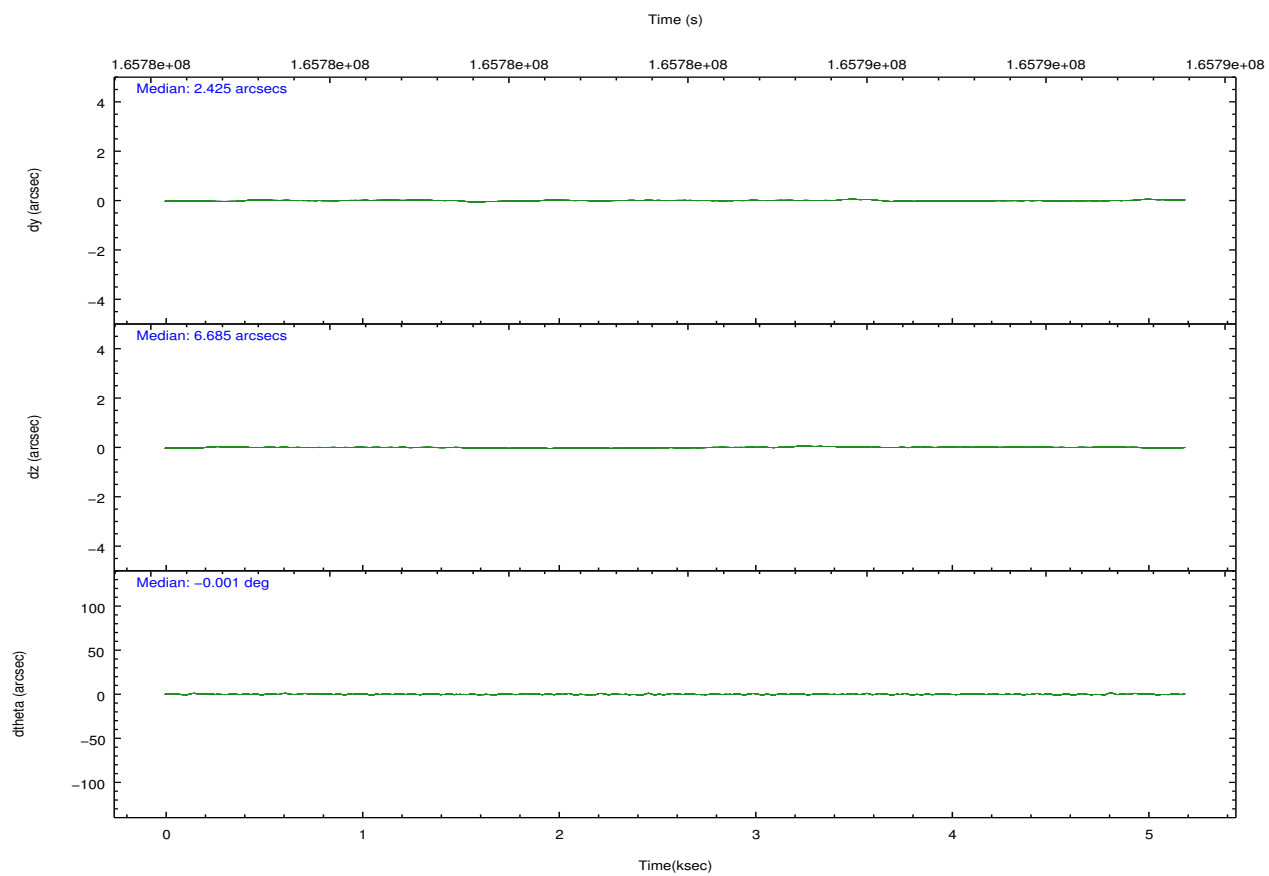
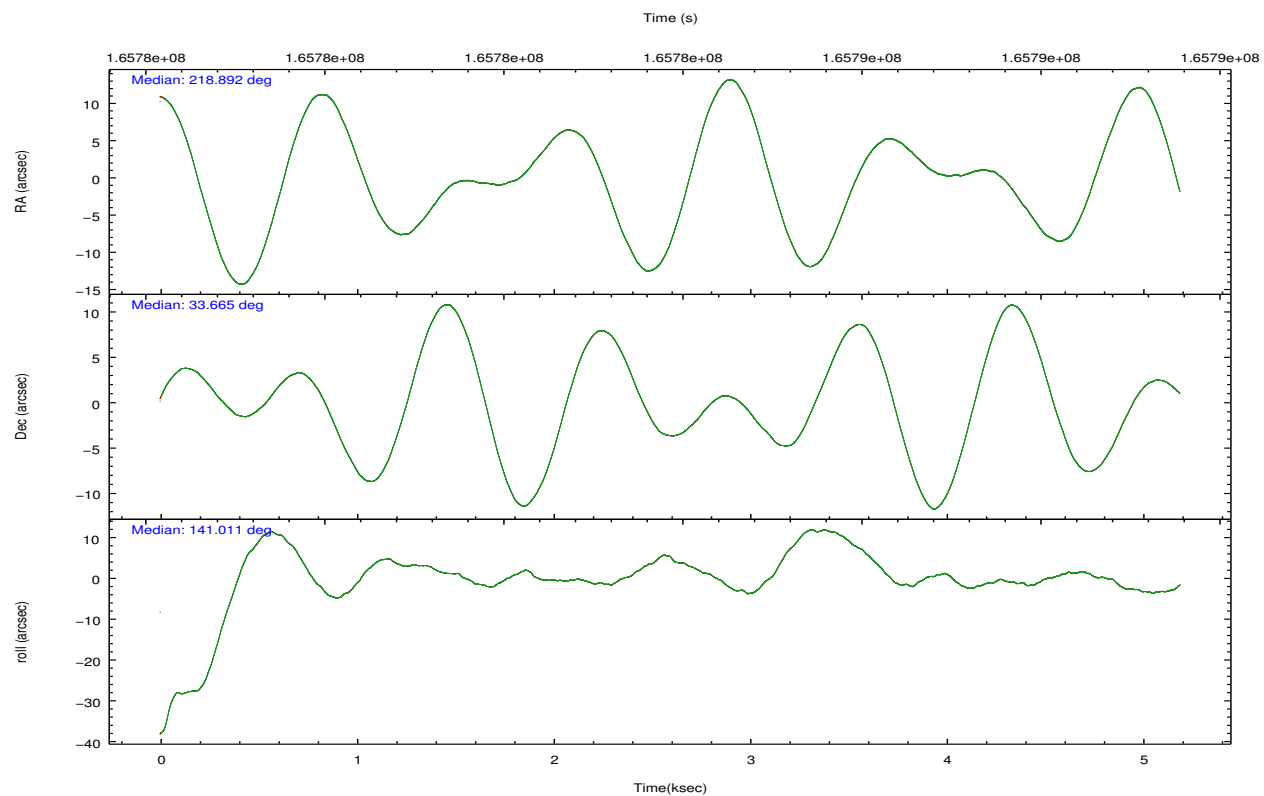
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	835	819	891	777	916
	3%	3%	3%	3%	4%
grade 1 events	6	11	6	10	16
	0%	0%	0%	0%	0%
grade 2 events	542	534	514	470	523
	2%	2%	1%	1%	2%
grade 3 events	298	307	248	248	264
	1%	1%	0%	1%	1%
grade 4 events	246	285	270	287	267
	1%	1%	1%	1%	1%
grade 5 events	662	727	673	772	764
	2%	3%	2%	3%	3%
grade 6 events	391	514	405	414	454
	1%	2%	1%	1%	1%
grade 7 events	19298	19415	22955	21265	19644
	86%	85%	88%	87%	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	218.923741	218.8912979304525	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.660535	33.66471228341197	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783424	141.0101160260808	[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)	165782520.184000	165782143.91645			
Observation start date	2003-04-03T18:40:56	2003-04-03T18:35:43			
[s] Observation end time (MET)	165787520.184000	165787654.31669			
Observation end date	2003-04-03T20:04:16	2003-04-03T20:07:34			
Read mode	TIMED	TIMED			

2.3 Aspect



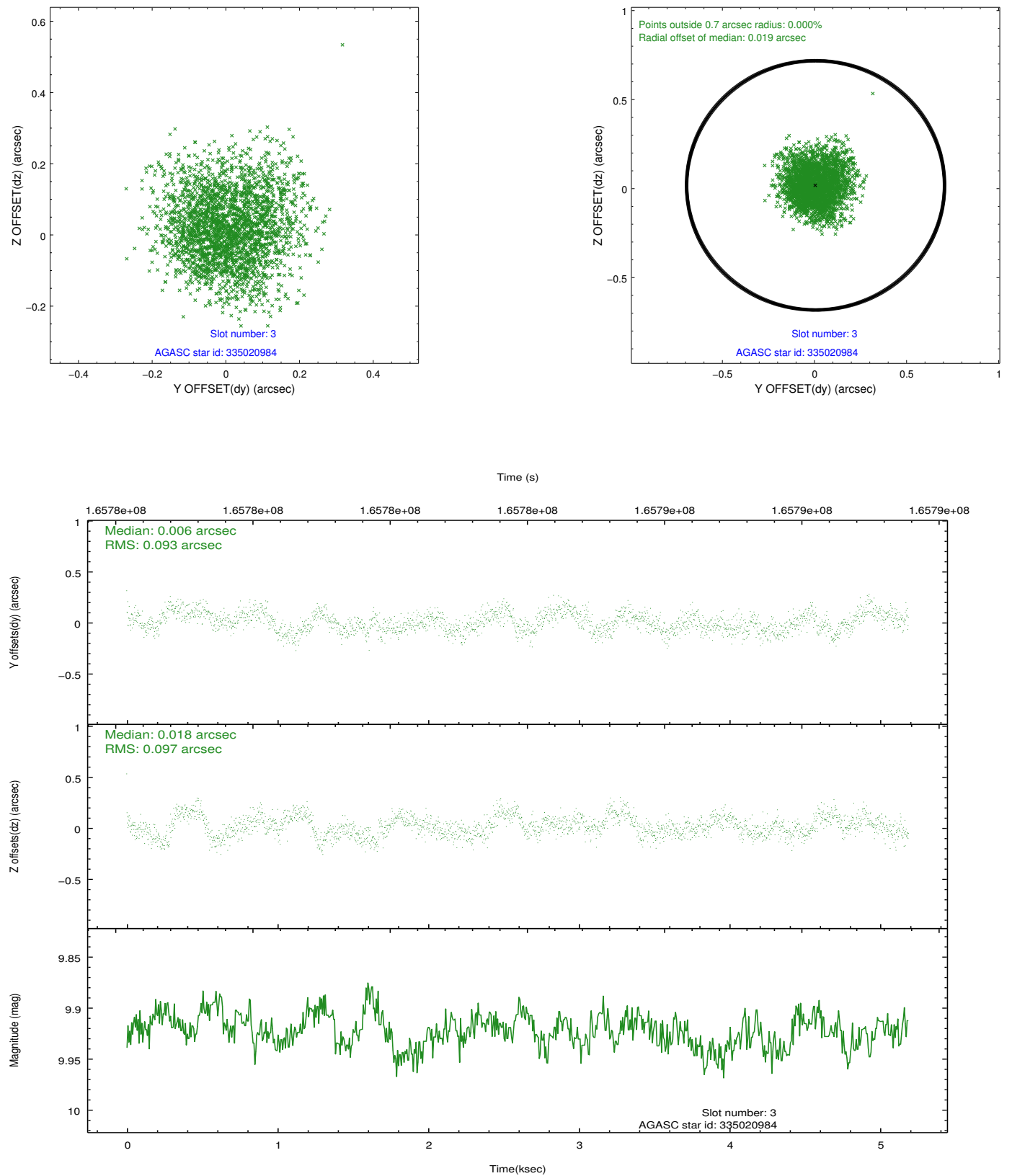


Slot Statistics

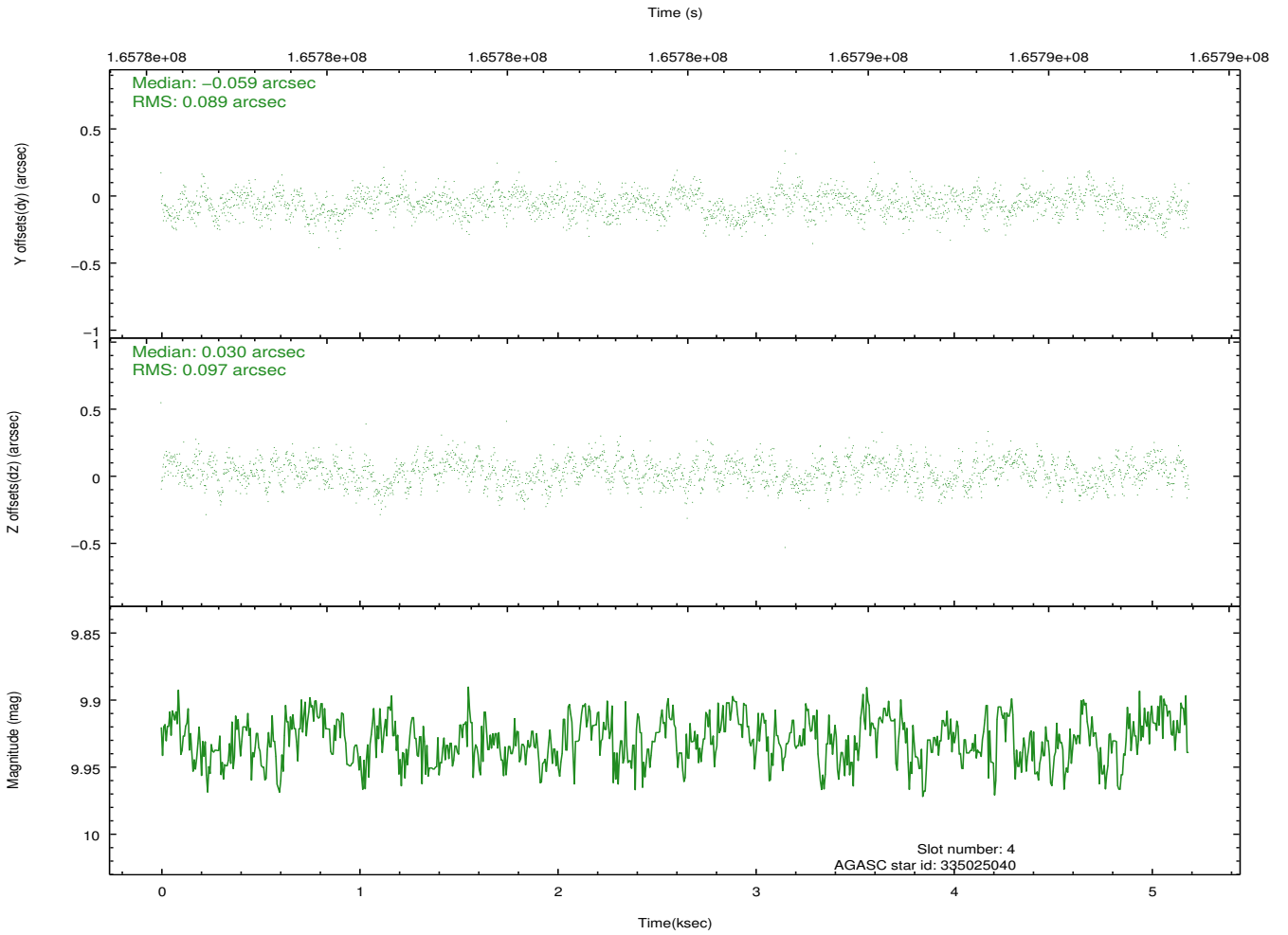
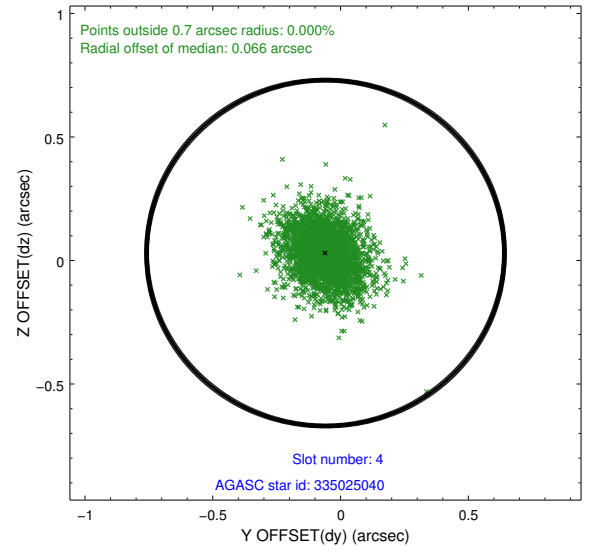
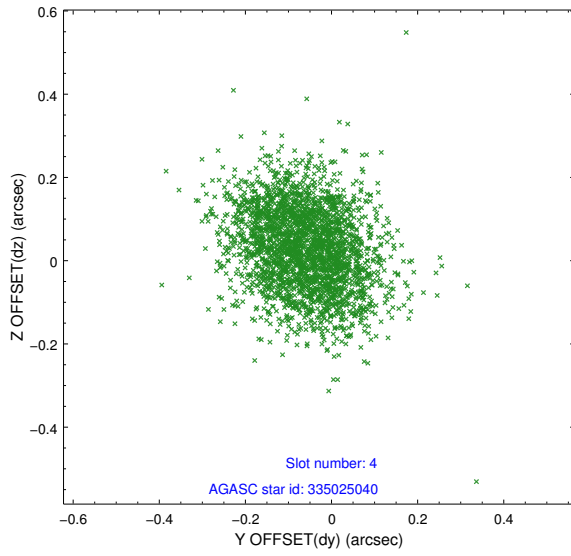
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1266	0.012	-0.006	0.006	0.010	0.000000	0.000000	937.38	-830.09
1	FID	ACIS-I-5	7.24	1266	-0.080	0.052	0.006	0.010	0.000000	0.000000	-1810.13	1066.93
2	FID	ACIS-I-6	7.26	1266	-0.023	0.024	0.006	0.011	0.000000	0.000000	401.68	1712.69
3	GUIDE	335020984	9.92	2532	0.006	0.018	0.145	0.230	218.841668	33.815112	543.07	-275.80
4	GUIDE	335025040	9.93	2529	-0.059	0.030	0.138	0.225	218.601670	34.305240	2211.10	-1193.60
5	GUIDE	335152784	7.24	2529	-0.064	-0.002	0.074	0.111	219.280617	33.678221	-785.70	-726.86
6	GUIDE	335154960	9.56	2526	0.079	-0.012	0.102	0.175	219.209961	33.303073	-1480.38	451.52
7	GUIDE	335157088	9.11	2530	0.031	-0.034	0.109	0.162	219.274029	33.726909	-660.49	-849.14

2.4 Star Slots

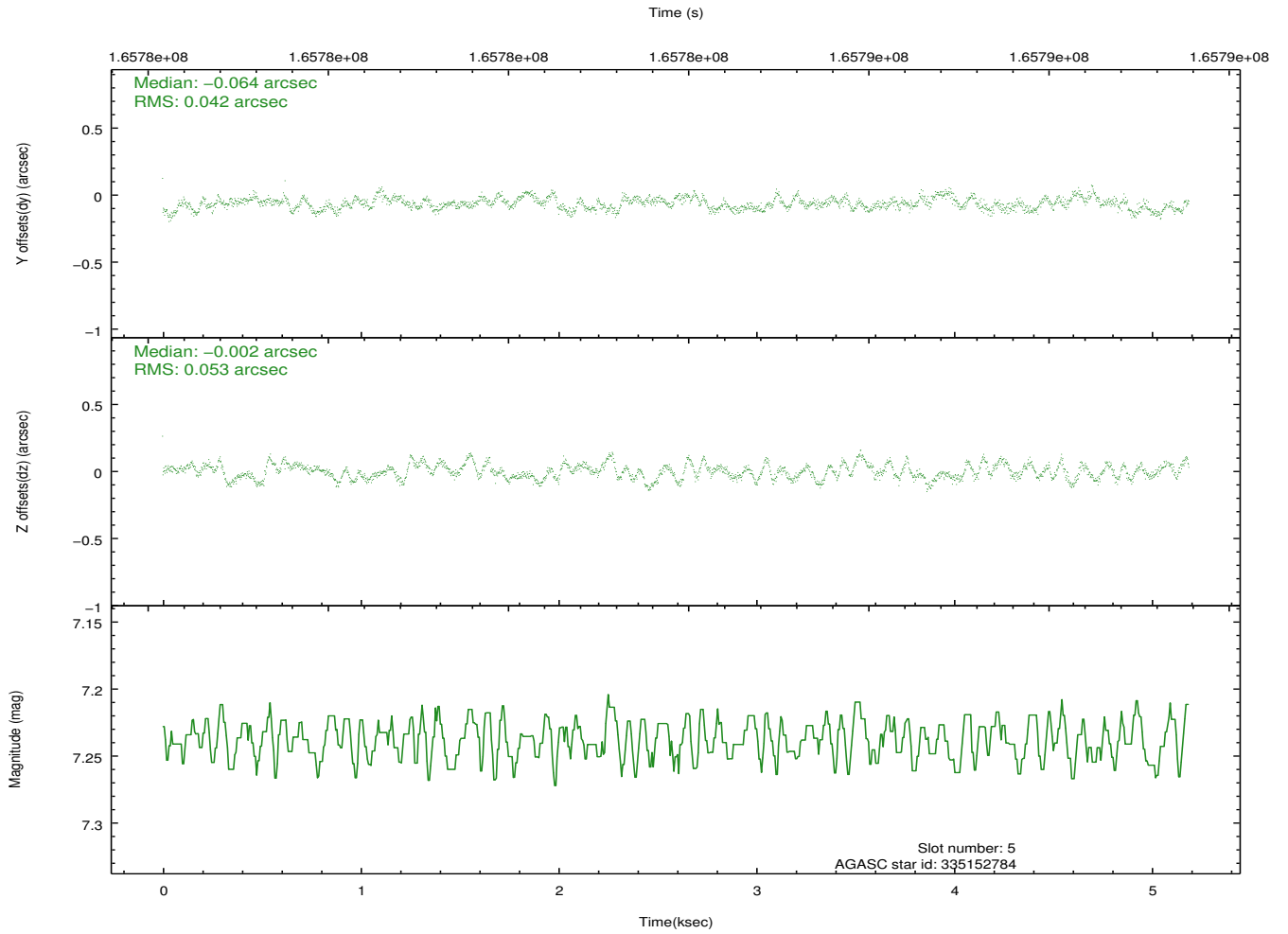
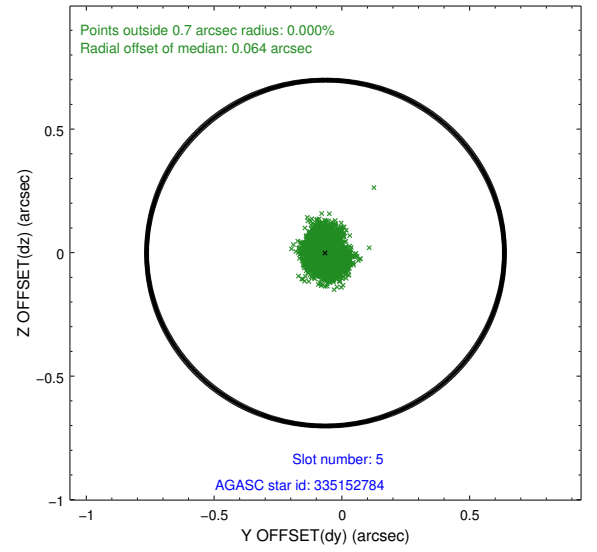
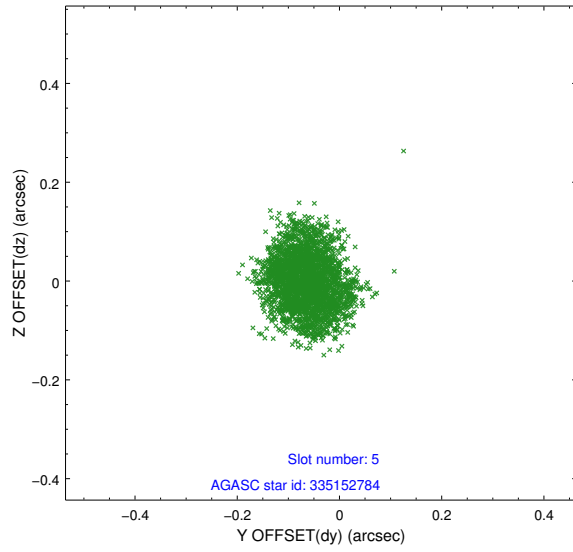
2.4.1 Slot 3



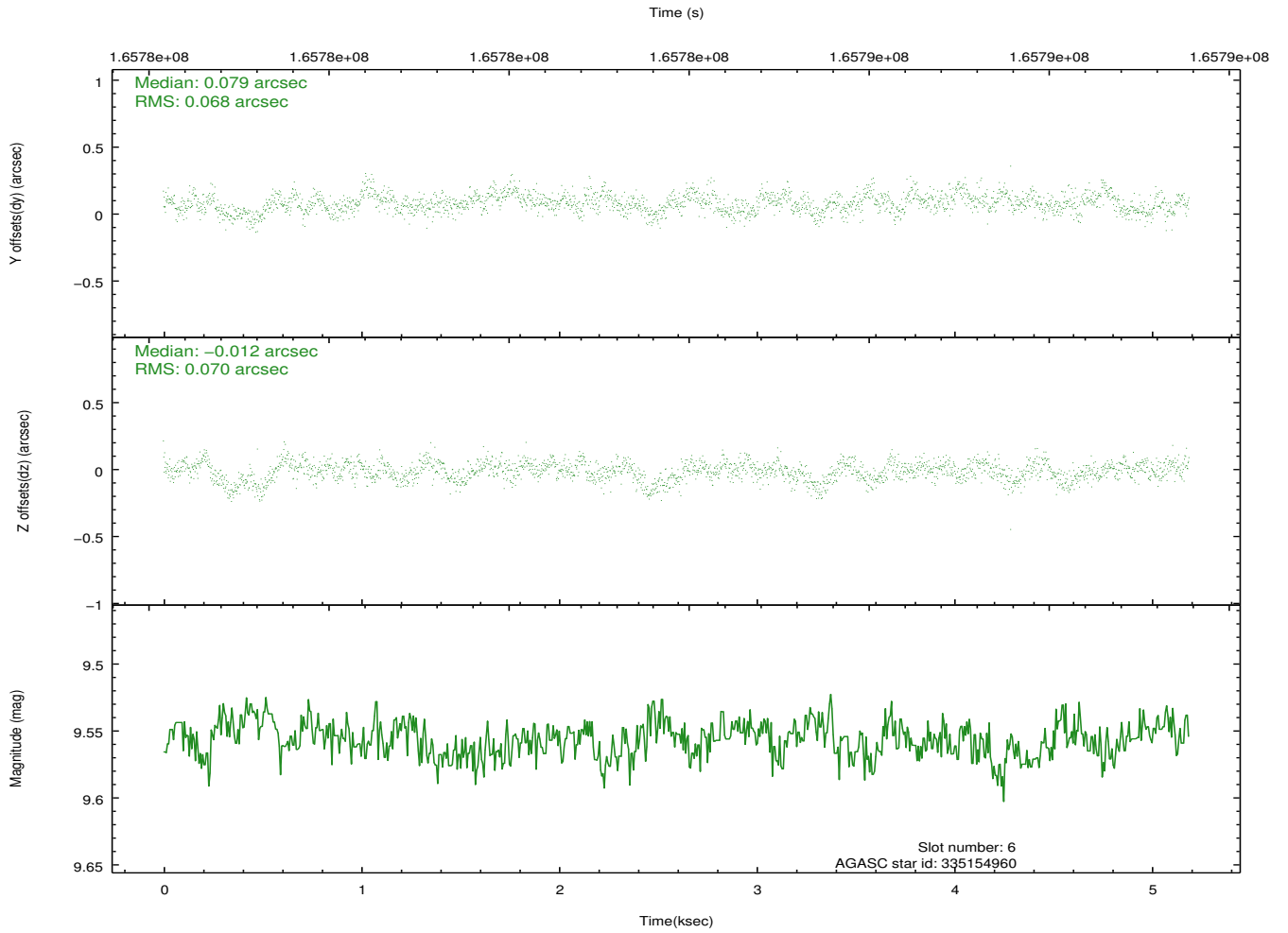
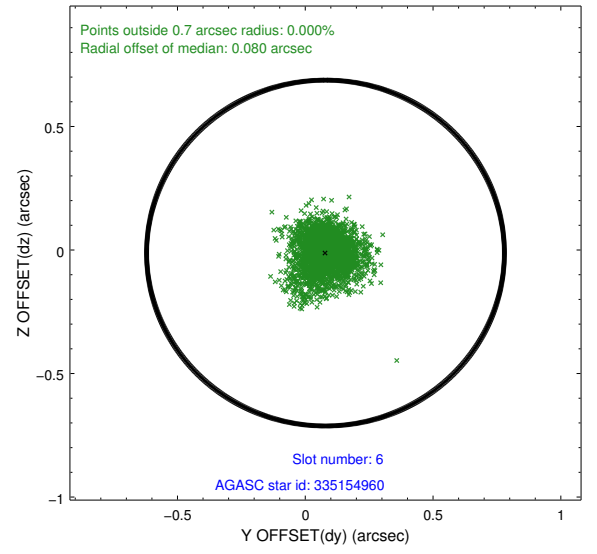
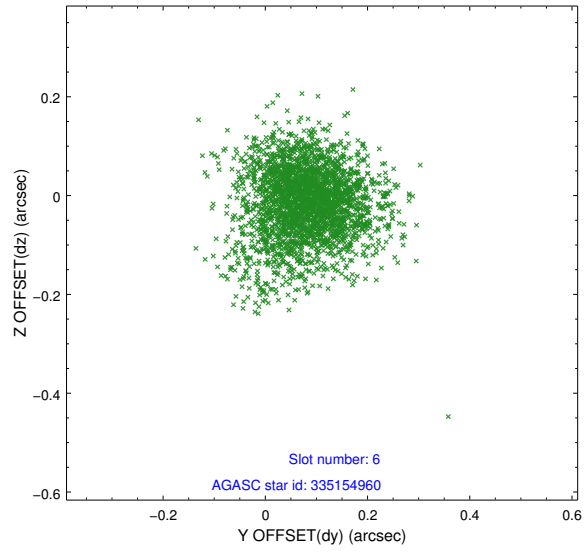
2.4.2 Slot 4



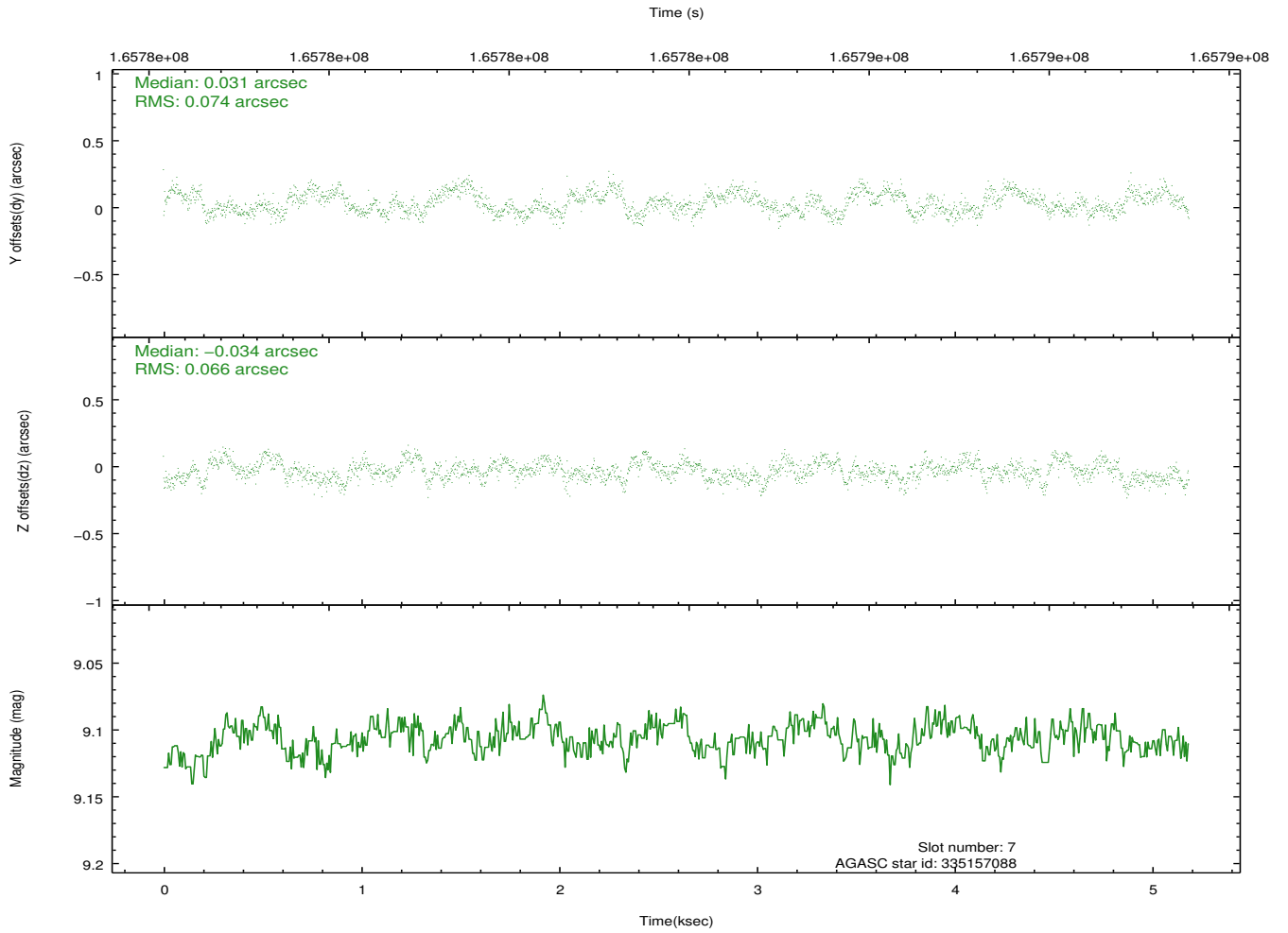
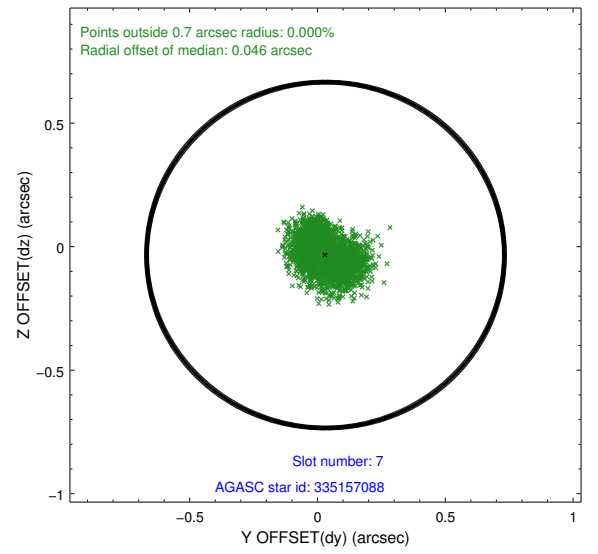
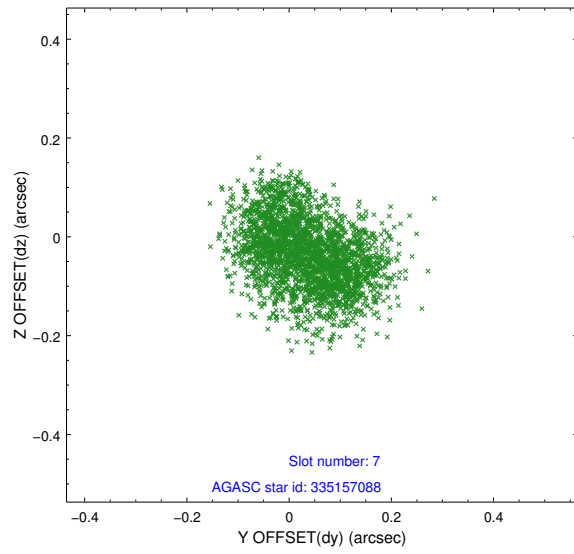
2.4.3 Slot 5



2.4.4 Slot 6

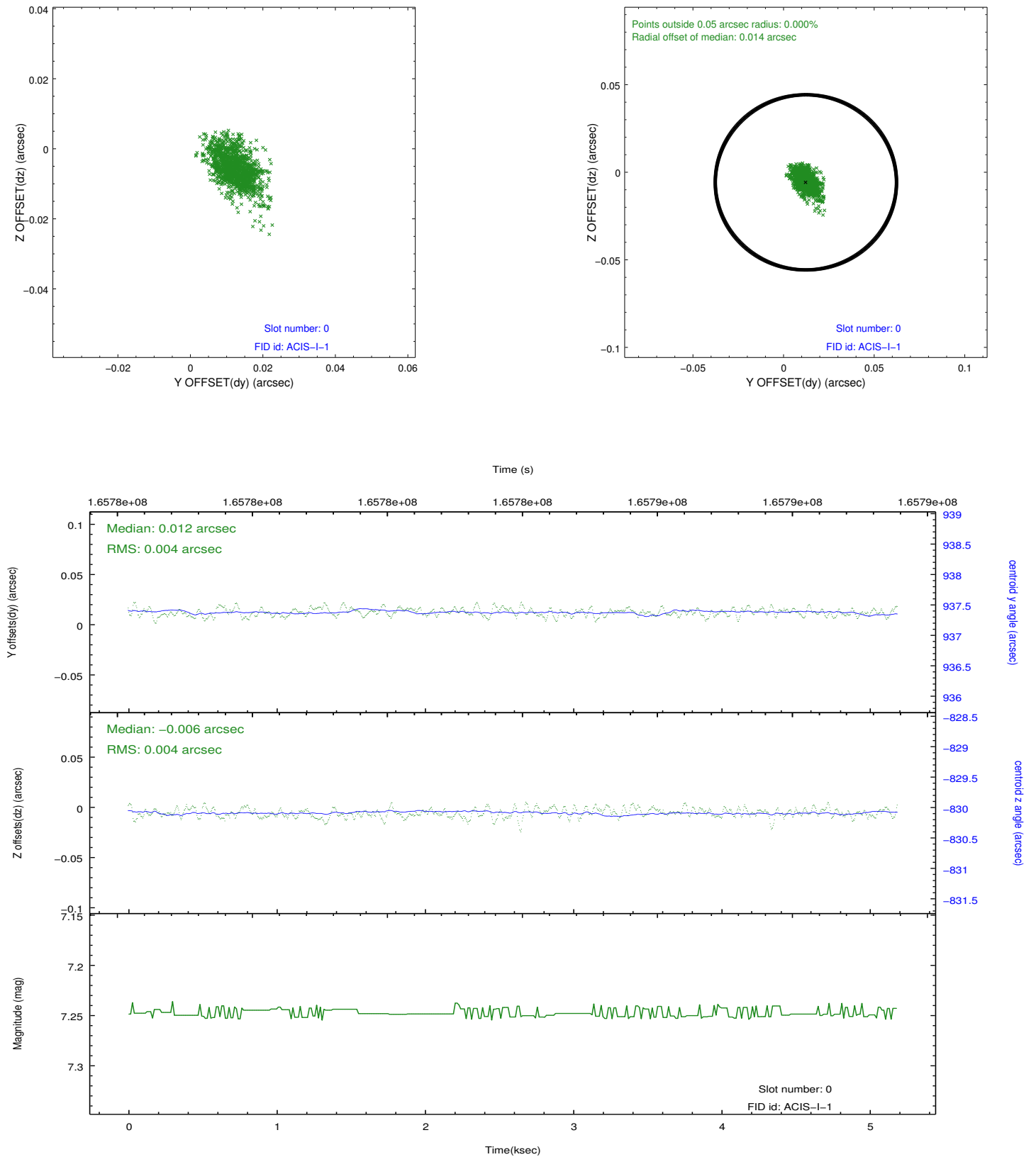


2.4.5 Slot 7

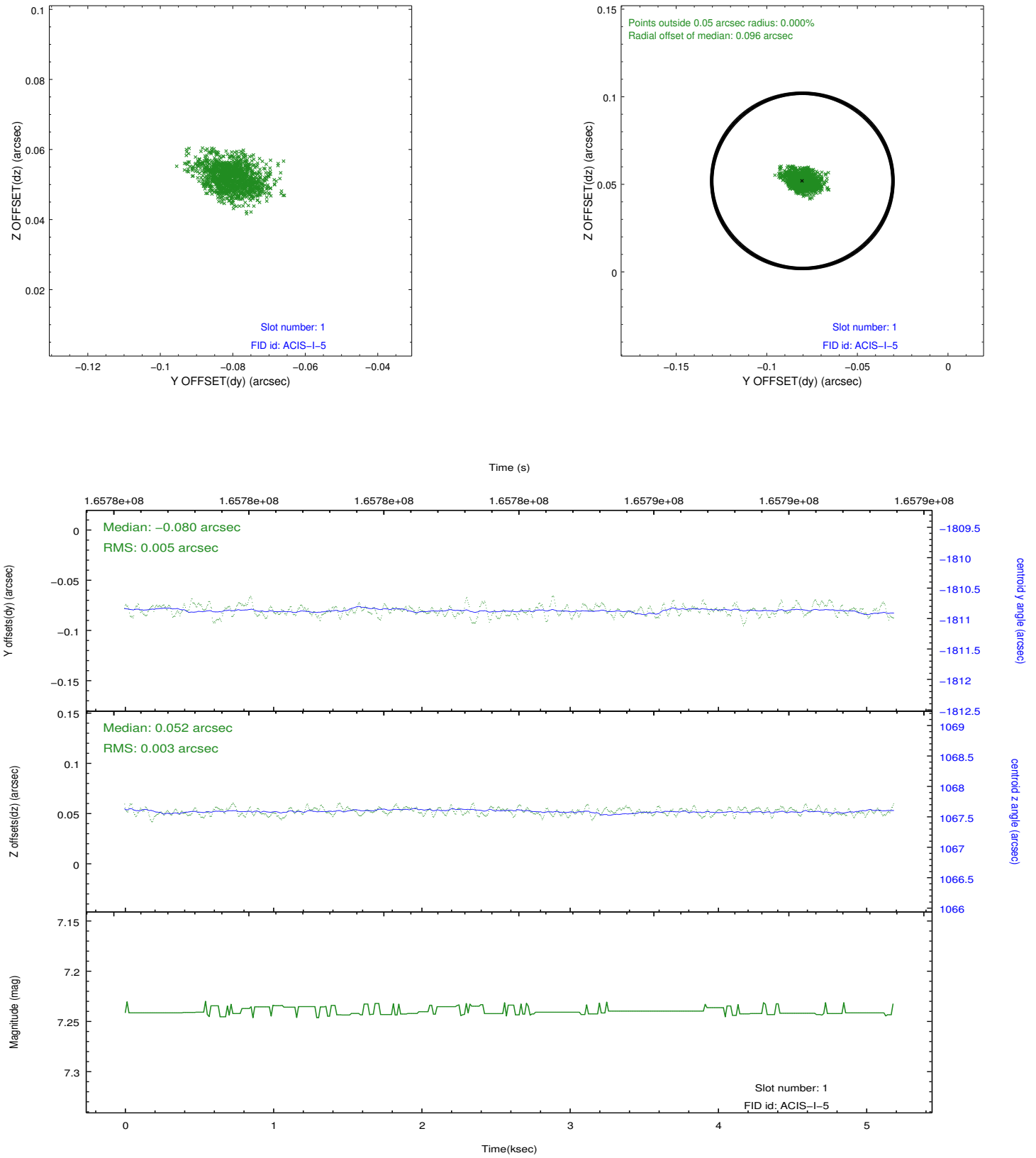


2.5 FID Slots

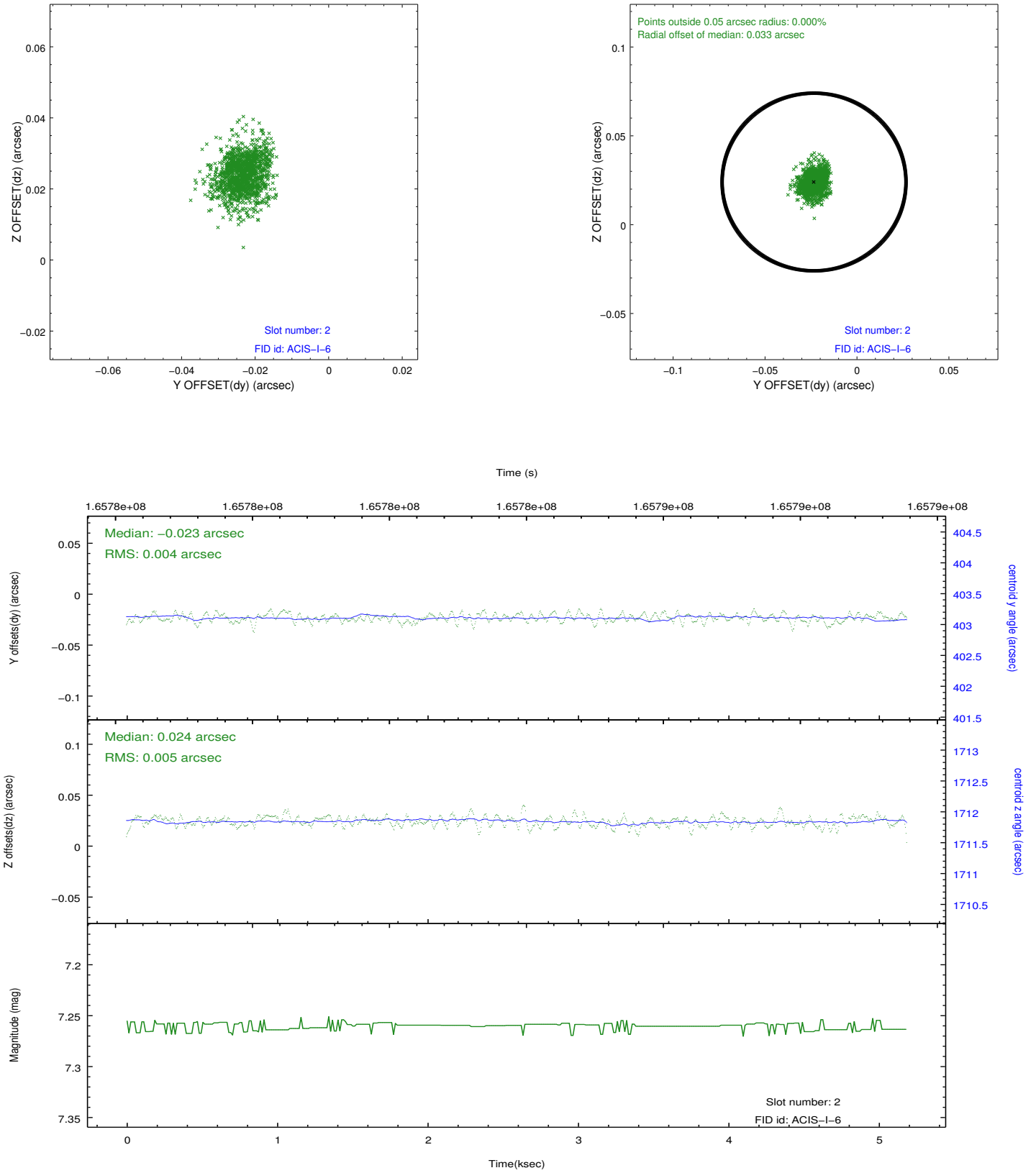
2.5.1 Slot 0



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)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments