

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13581 - L2 Version 2
Chandra X-Ray Center

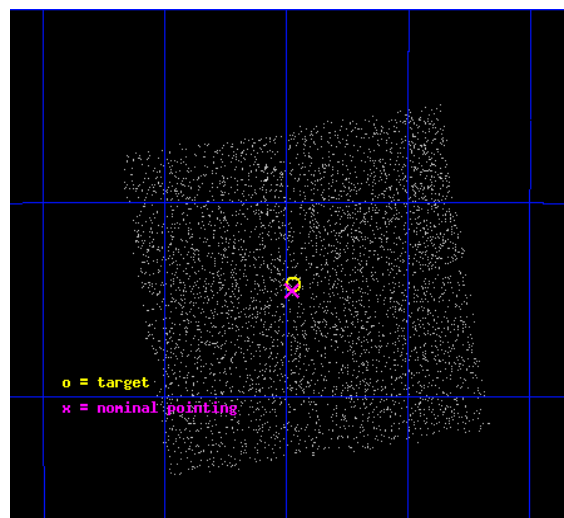
L2 Processing Date : Feb 25 2012

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1 Front

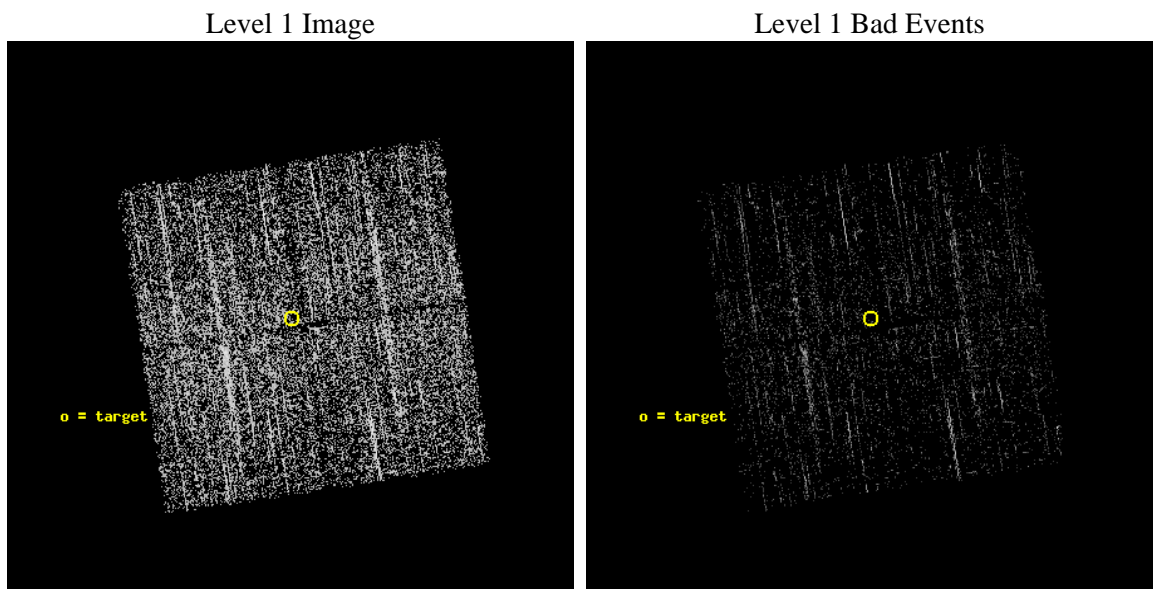
seq_num	401357	Sequence number
obs_id	13581	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.617946	Observer's specified target RA [deg]
dec_targ	-31.903476	Observer's specified target Dec [deg]
ra_nom	266.61960534227	Nominal RA [deg]
dec_nom	-31.909100457307	Nominal Dec [deg]
roll_nom	261.32698644665	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1971.6000151634	Sum of GTIs [s]
ontime1	1971.6000151634	Sum of GTIs [s]
ontime2	1971.6000151634	Sum of GTIs [s]
ontime3	1971.6000151634	Sum of GTIs [s]
l2events	4939	Number of level 2 events



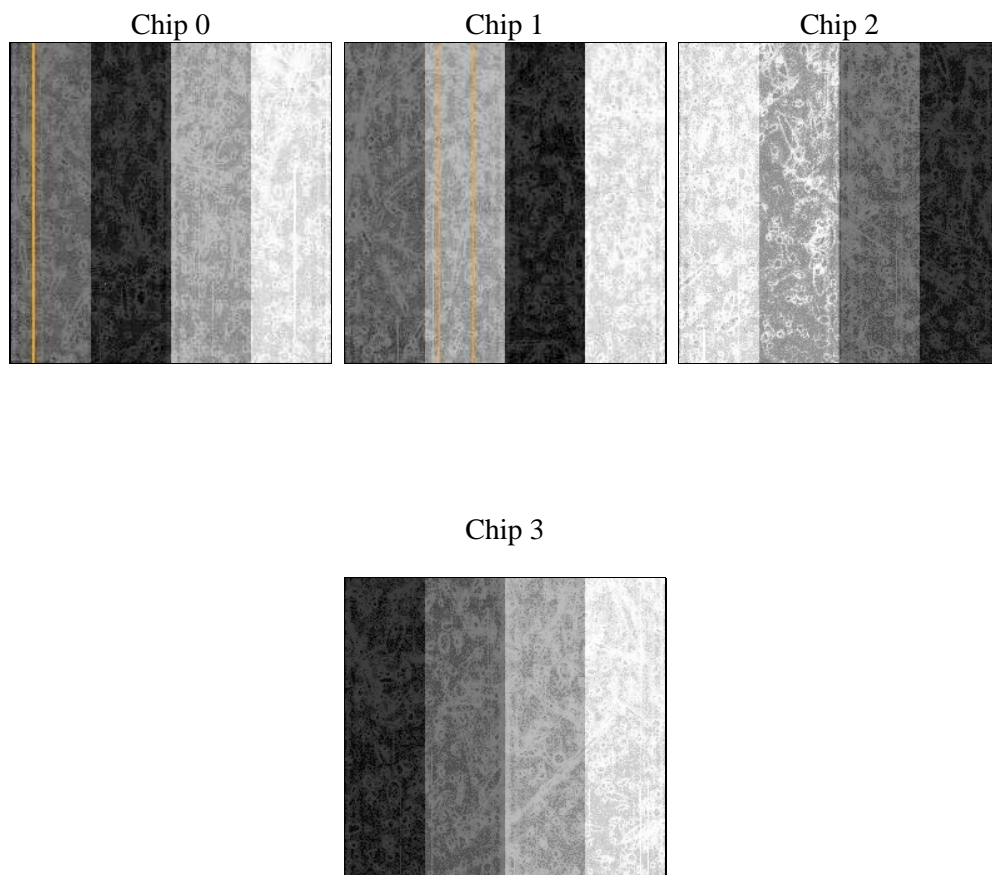
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1971.6000151634	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1971.6000151634	Sum of GTIs [s]
date	2012-02-26T01:20:46	Date and time of file creation	ontime1	1971.6000151634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1971.6000151634	Sum of GTIs [s]
			ontime3	1971.6000151634	Sum of GTIs [s]
			l1events	44605	Number of level 1 events

2.1.4 Events

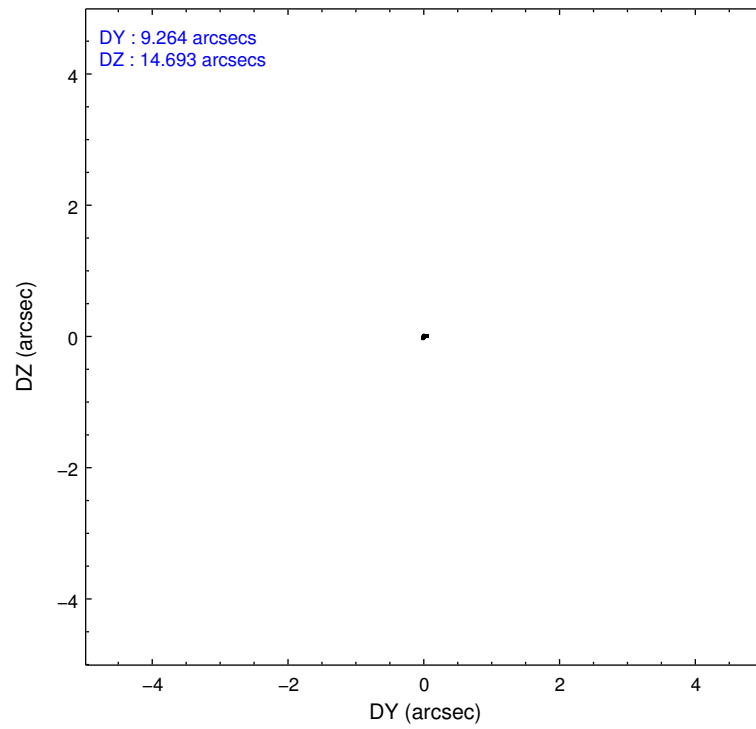
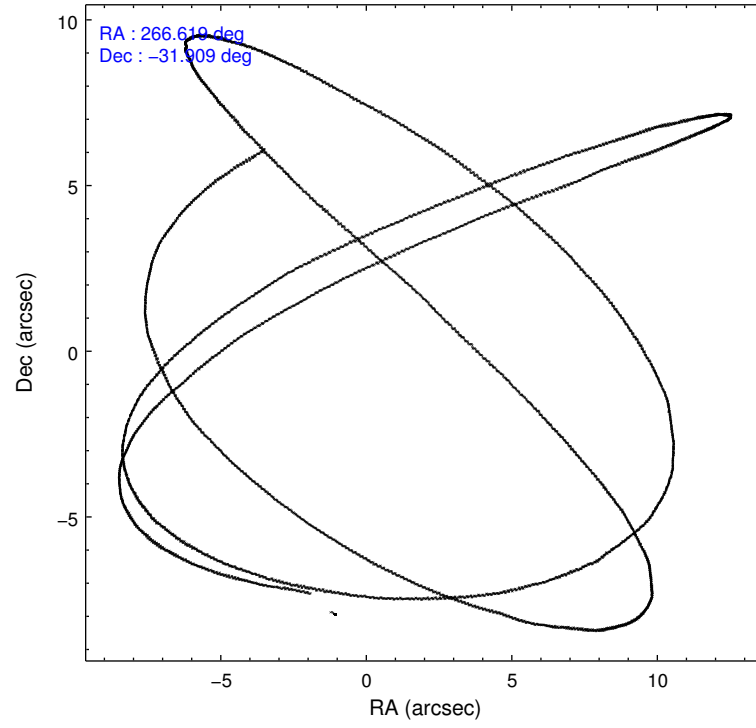
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	10812	11178	11399	11216
rejected events	9317	9500	9995	9870
rejected %	86%	84%	87%	87%

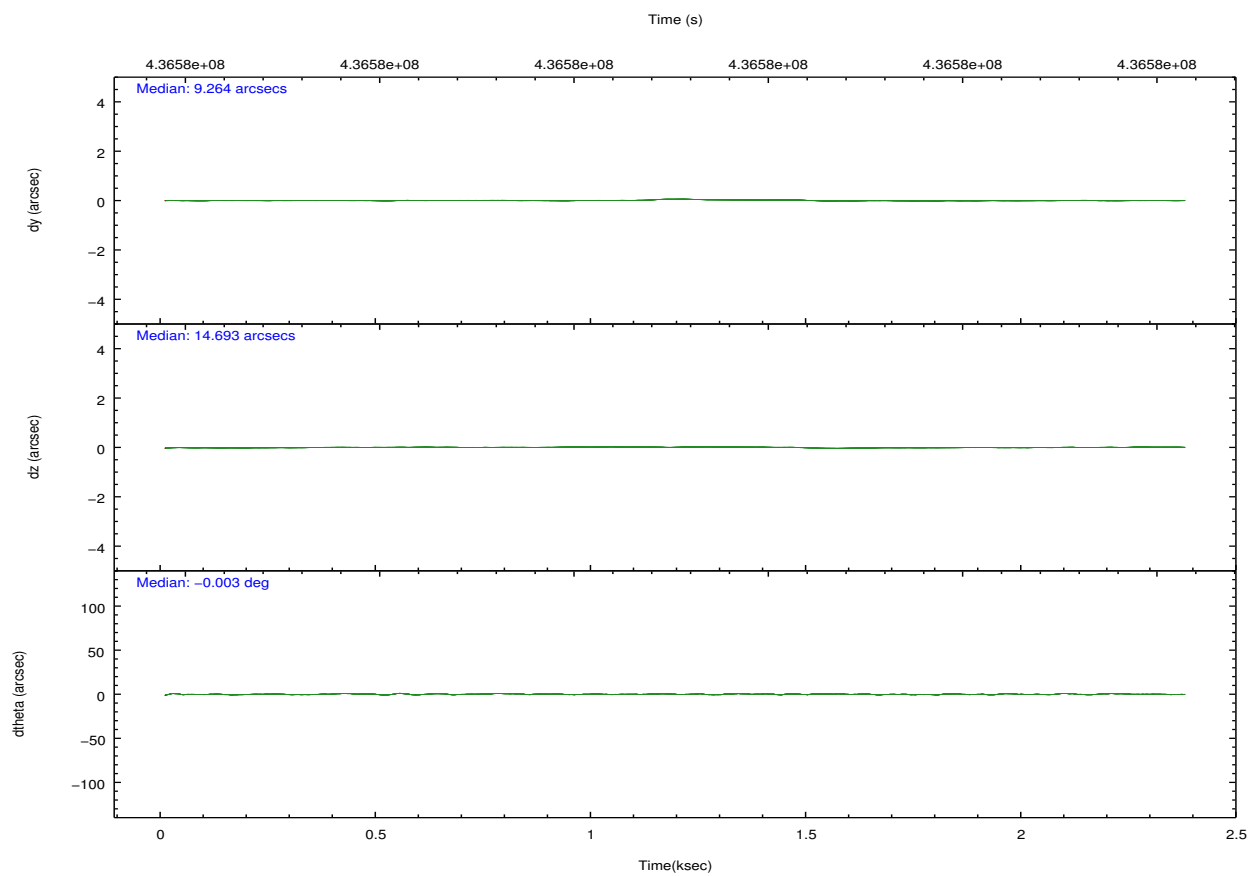
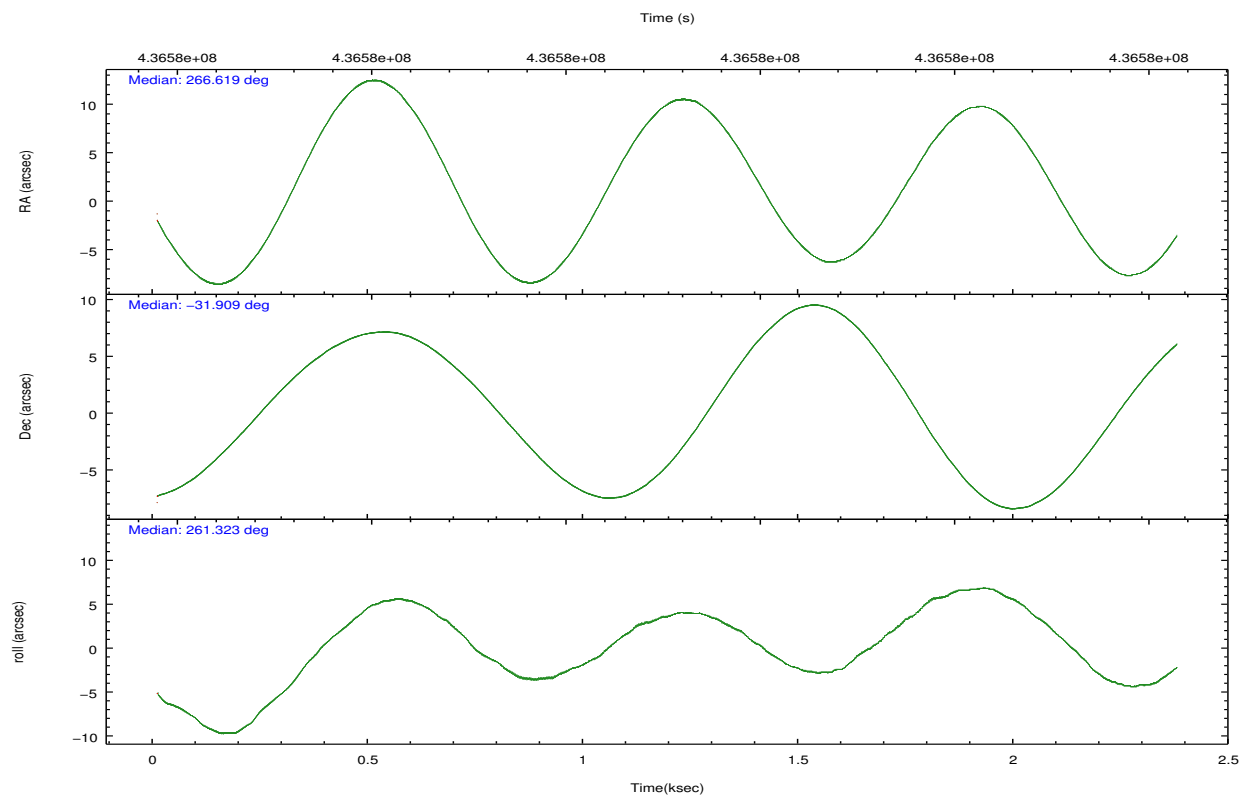
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	536	639	520	504
	4%	5%	4%	4%
grade 1 events	7	4	11	5
	0%	0%	0%	0%
grade 2 events	393	376	353	304
	3%	3%	3%	2%
grade 3 events	130	152	138	157
	1%	1%	1%	1%
grade 4 events	149	173	144	133
	1%	1%	1%	1%
grade 5 events	549	510	503	599
	5%	4%	4%	5%
grade 6 events	300	343	251	253
	2%	3%	2%	2%
grade 7 events	8748	8981	9479	9261
	80%	80%	83%	82%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	266.607923	266.6196053422668	Subarray requested	NONE	NONE
[deg] Pointing Dec	-31.883424	-31.90910045730698	Alternating exposures requested	N	N
[deg] Pointing Roll	261.112147	261.3269864466484	[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)	436580779.184000	436580402.83503			
Observation start date	2011-11-02T00:25:13	2011-11-02T00:20:02			
[s] Observation end time (MET)	436582959.184000	436583092.94767			
Observation end date	2011-11-02T01:01:33	2011-11-02T01:04:52			
Read mode	TIMED	TIMED			

2.3 Aspect



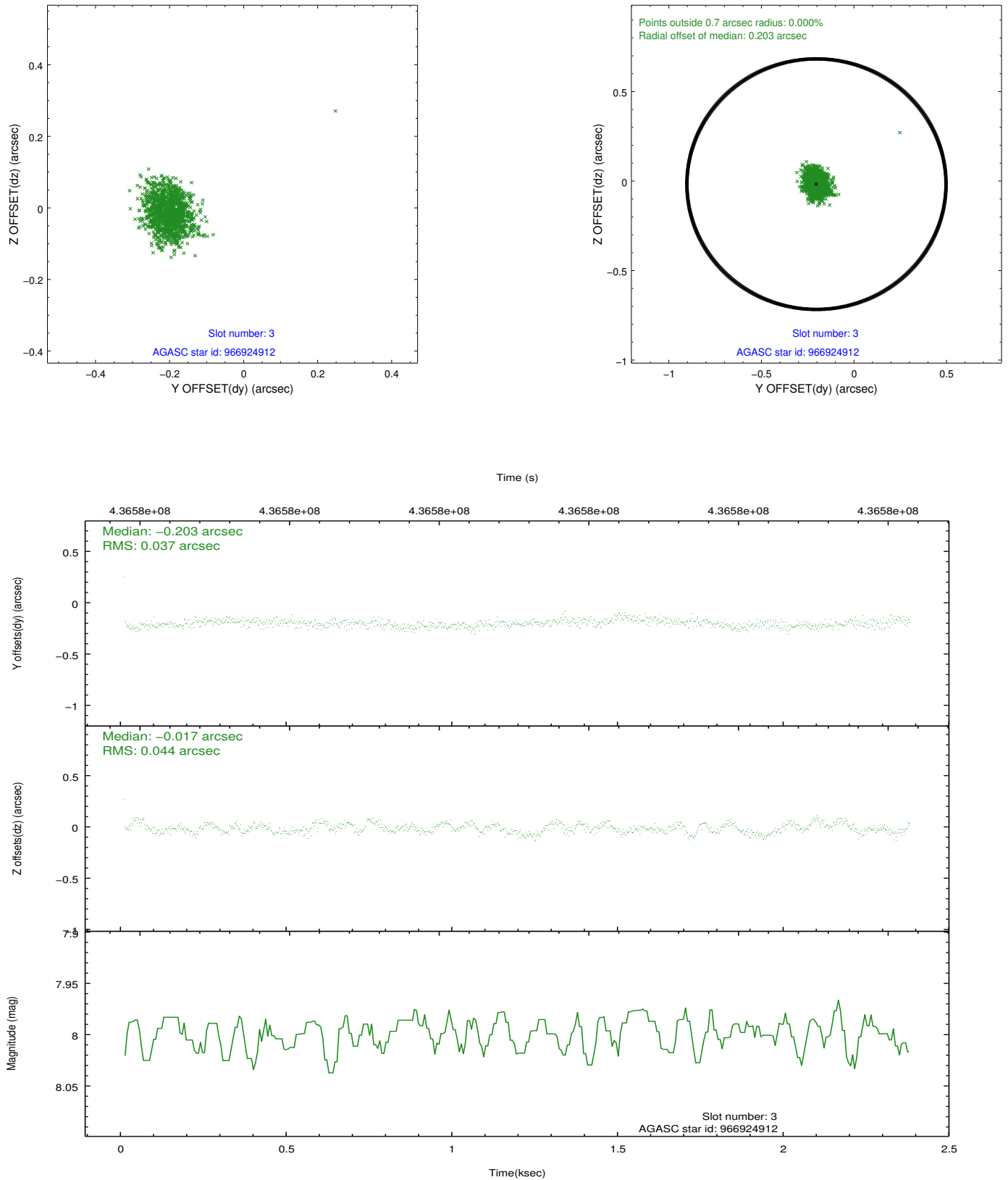


Slot Statistics

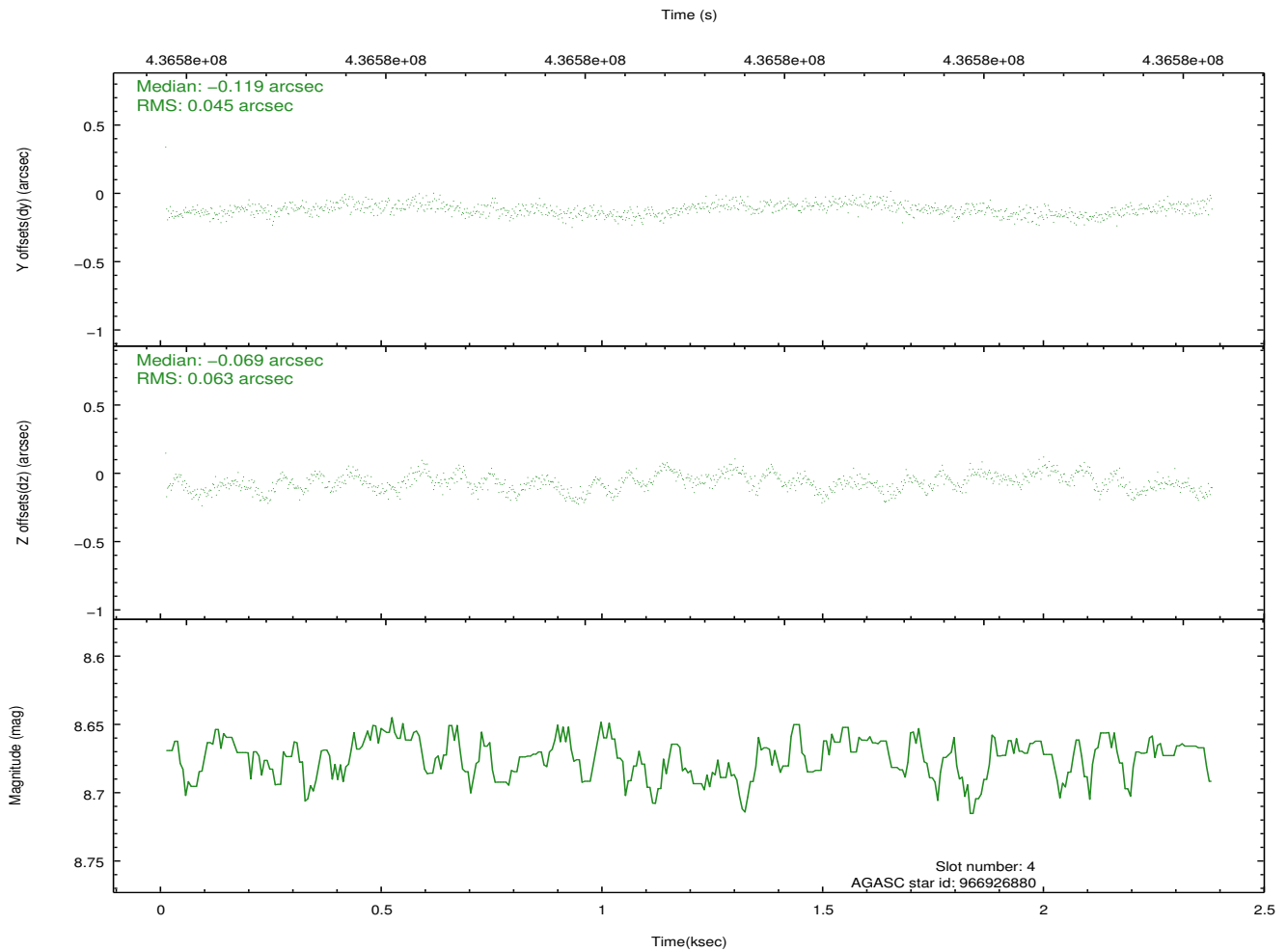
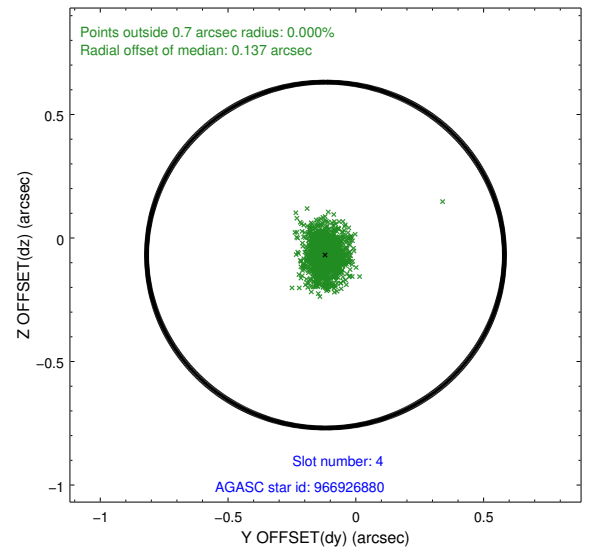
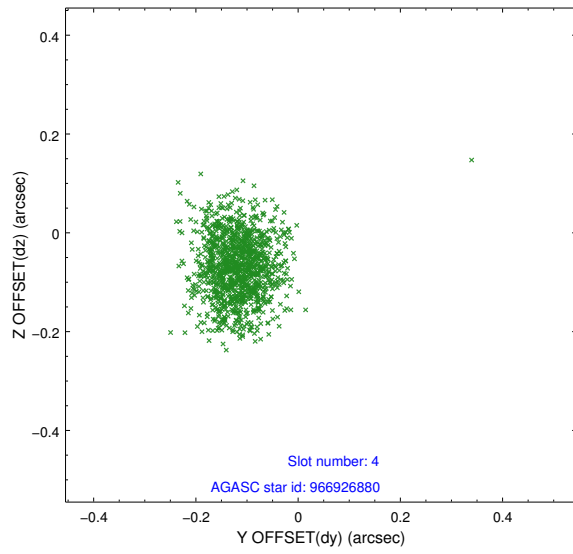
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.02	579	0.051	-0.016	0.006	0.010	0.000000	0.000000	930.41	-838.29
1	FID	ACIS-I-5	7.01	579	-0.209	0.057	0.005	0.011	0.000000	0.000000	-1816.46	1057.87
2	FID	ACIS-I-6	7.02	579	0.067	0.029	0.006	0.010	0.000000	0.000000	392.97	1705.47
3	GUIDE	966924912	8.00	1157	-0.203	-0.017	0.060	0.096	266.020014	-31.275150	-1879.34	-2124.28
4	GUIDE	966926880	8.67	1157	-0.119	-0.069	0.080	0.132	265.970408	-31.411350	-1372.44	-2198.20
5	GUIDE	967442688	8.40	1157	0.177	0.046	0.070	0.115	266.096113	-32.373763	1987.18	-1265.20
6	GUIDE	967449280	8.74	1157	0.301	0.055	0.090	0.152	266.690713	-32.455990	1999.69	566.79
7	GUIDE	967451816	9.27	1154	-0.160	-0.015	0.136	0.208	267.266669	-31.901374	-239.25	2001.41

2.4 Star Slots

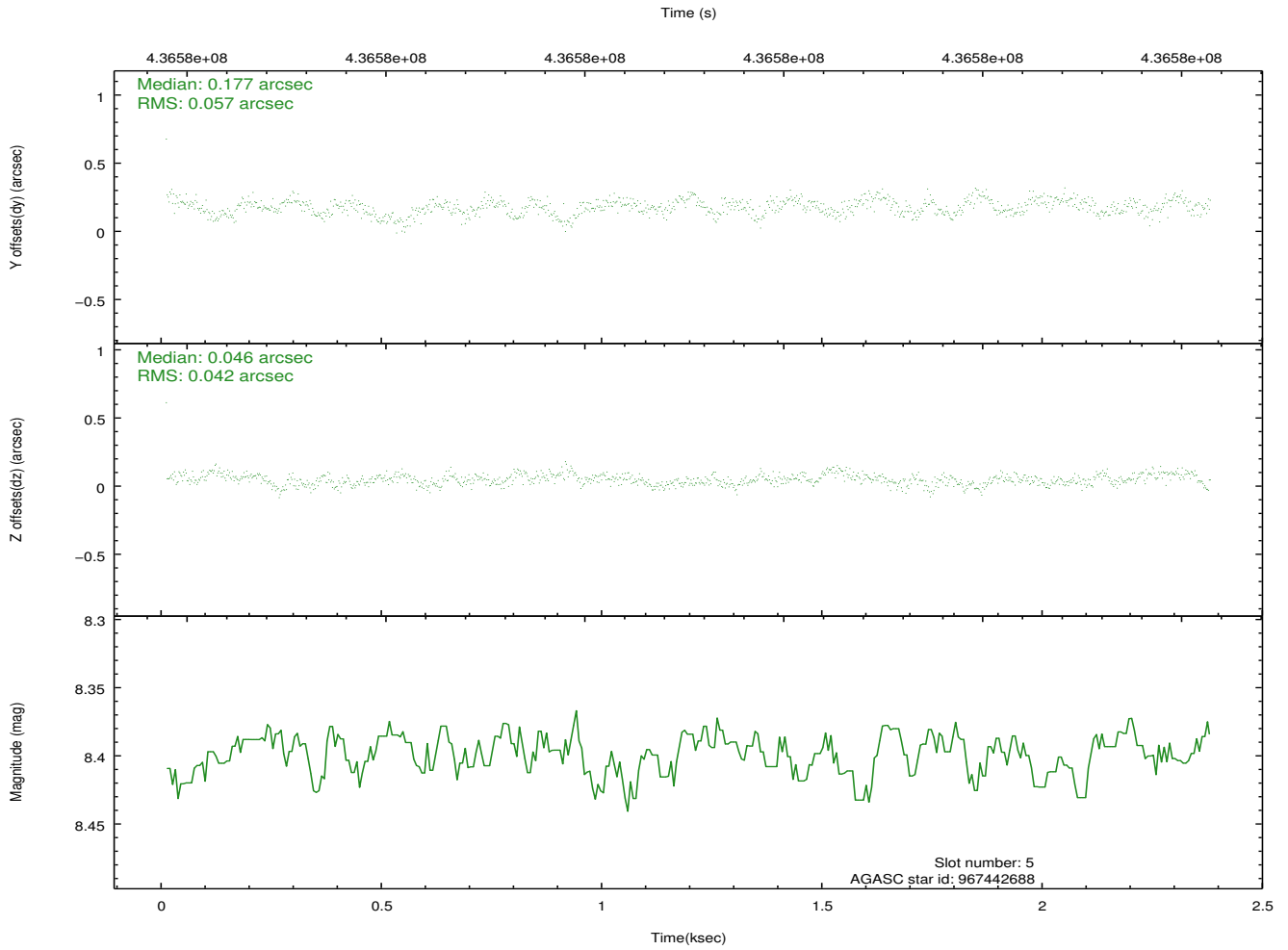
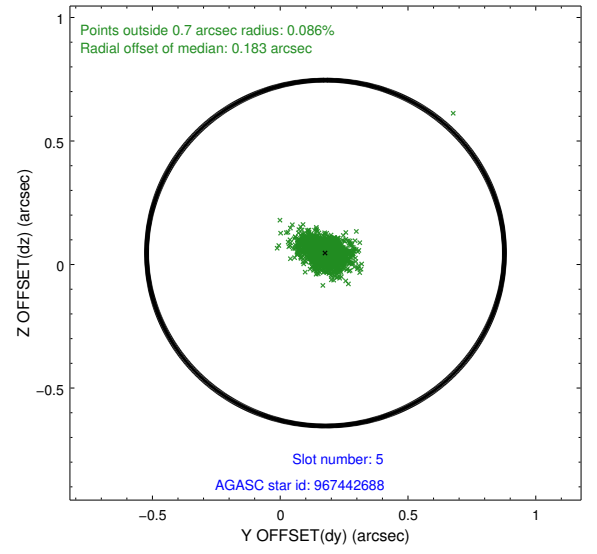
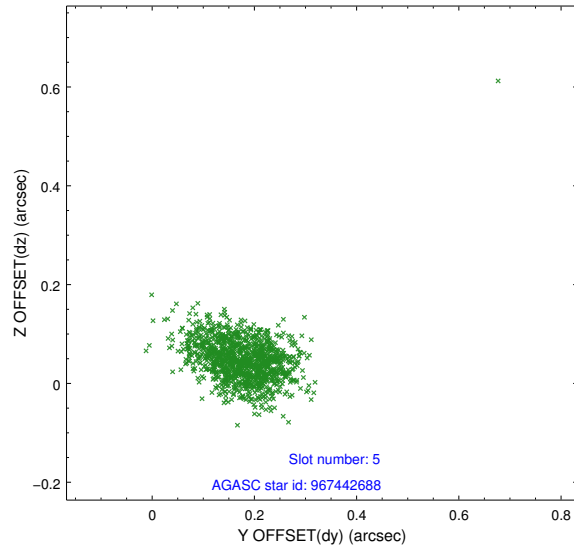
2.4.1 Slot 3



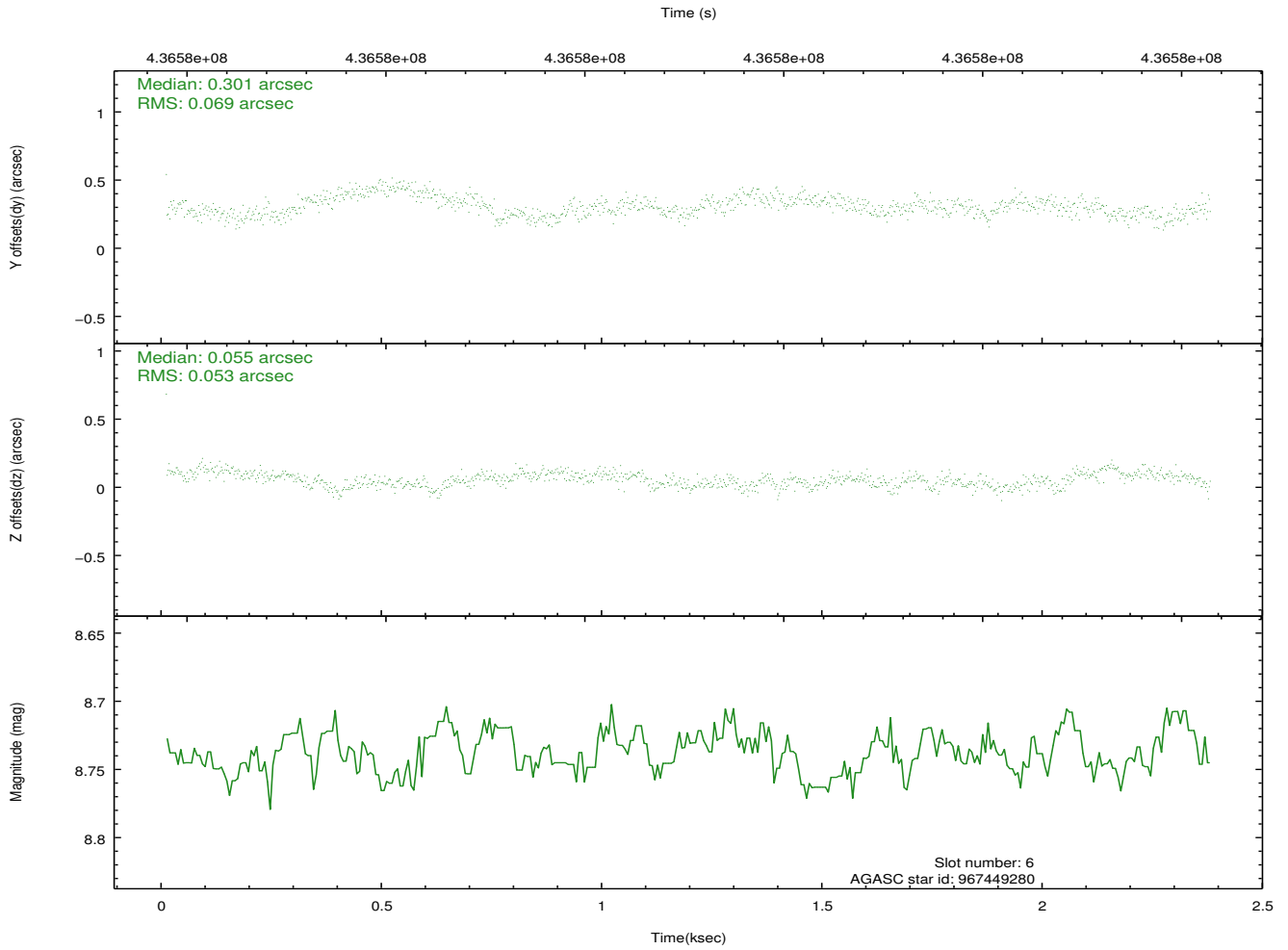
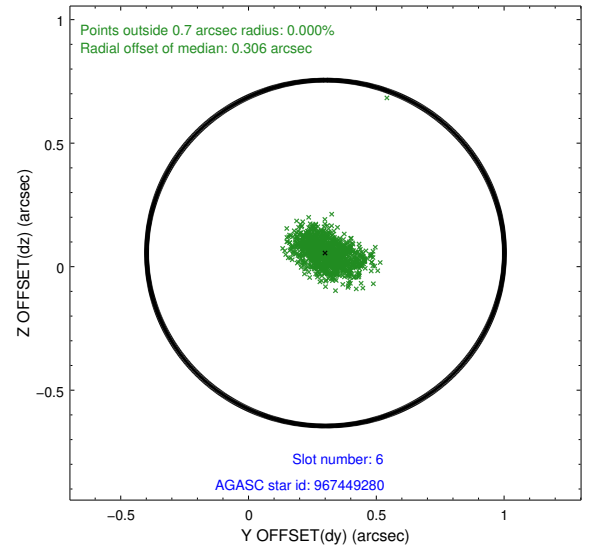
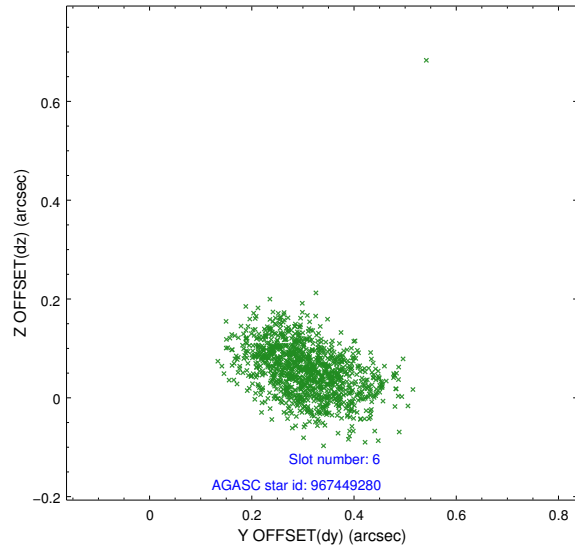
2.4.2 Slot 4



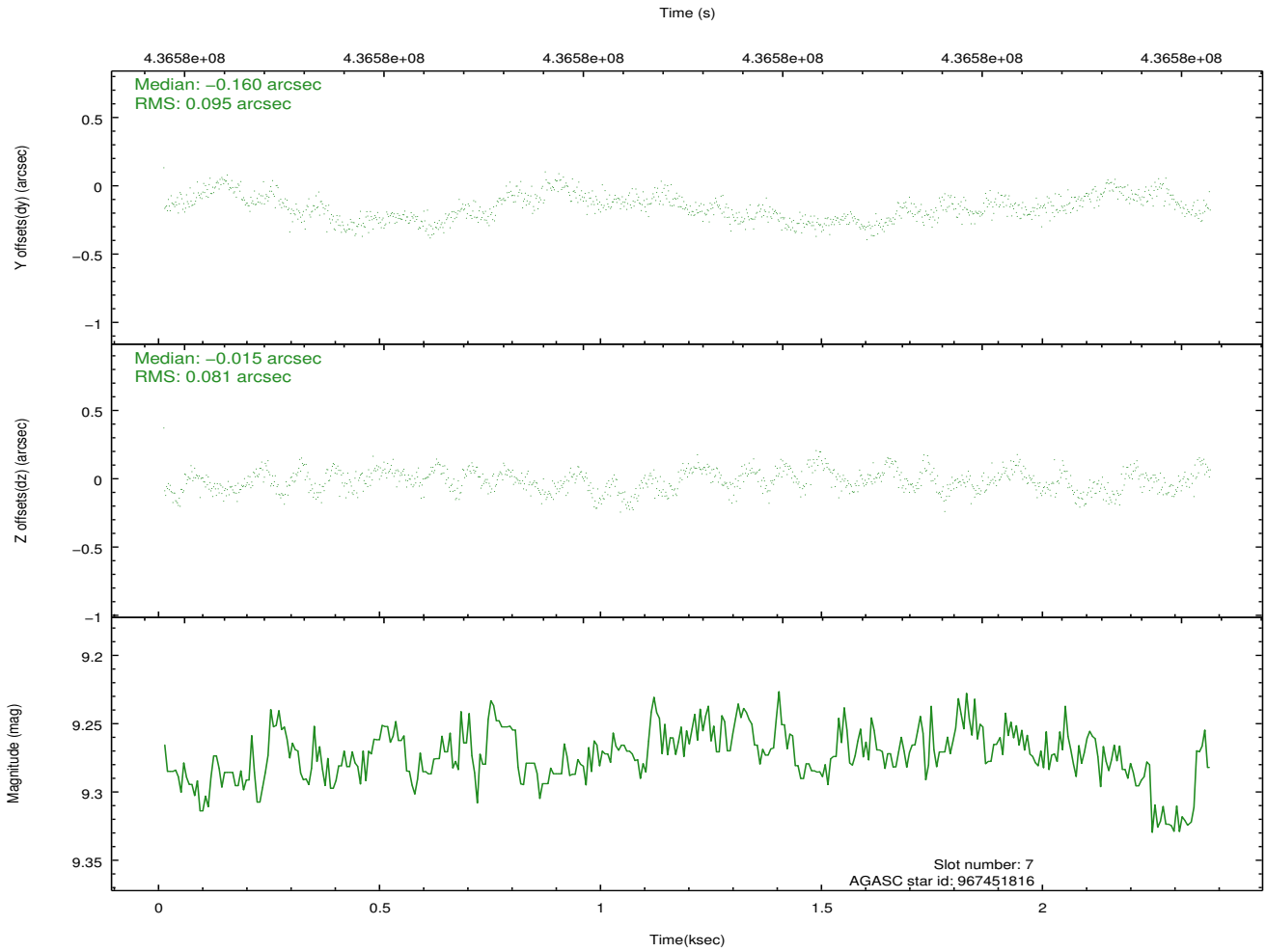
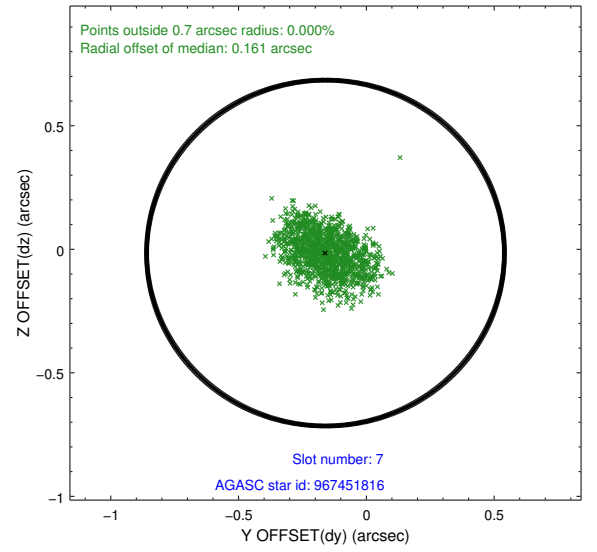
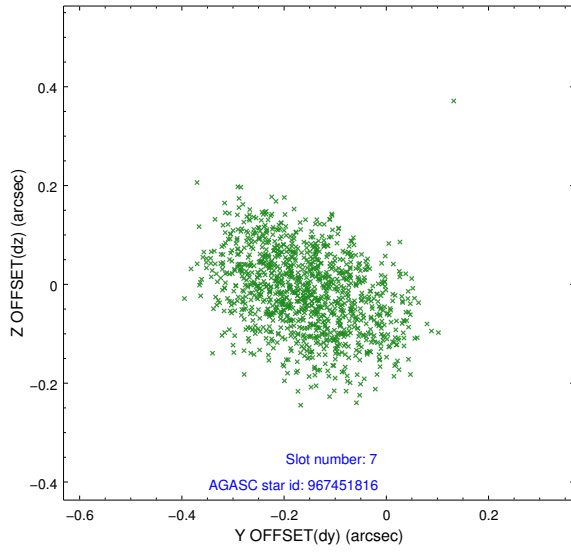
2.4.3 Slot 5



2.4.4 Slot 6

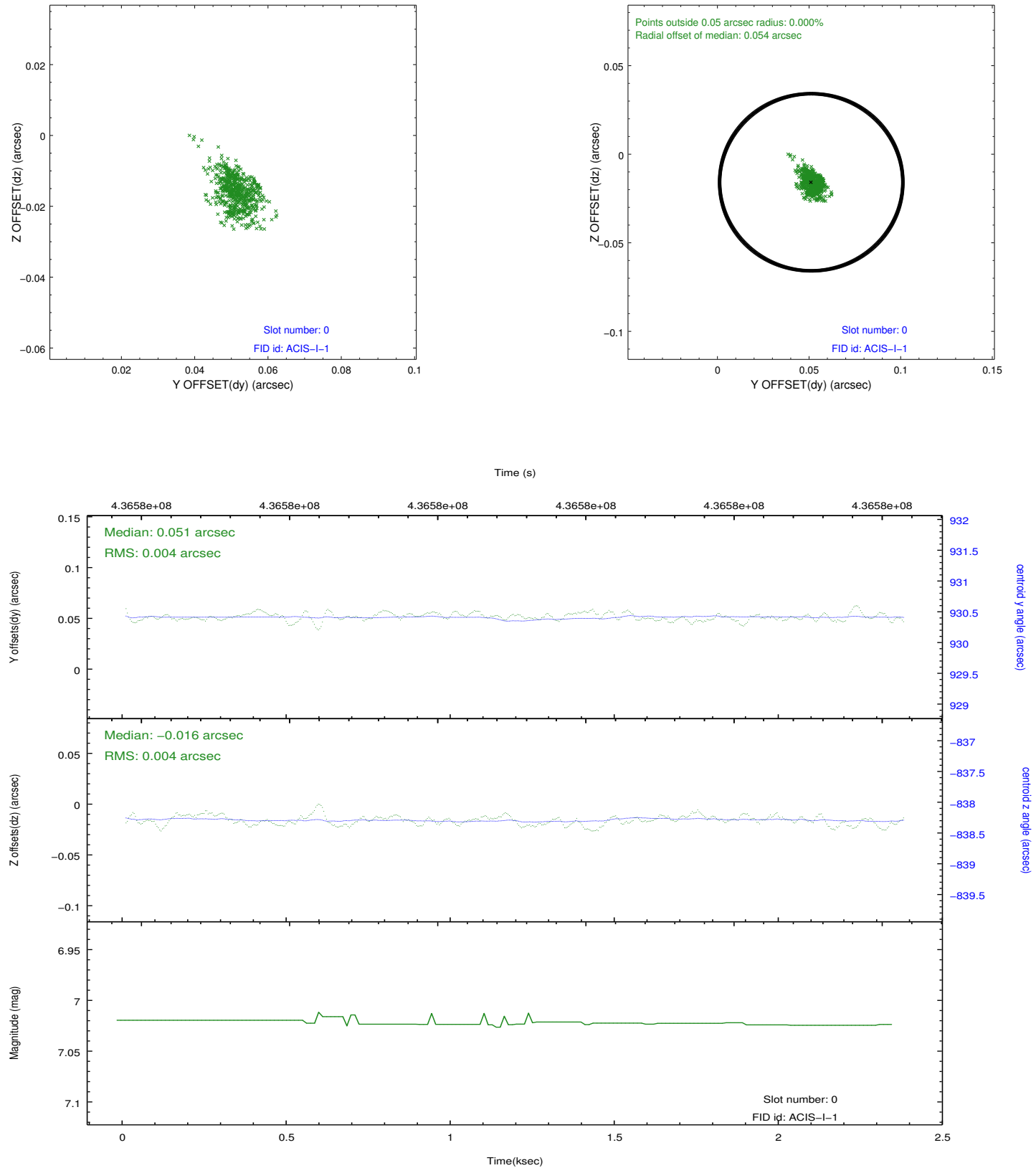


2.4.5 Slot 7

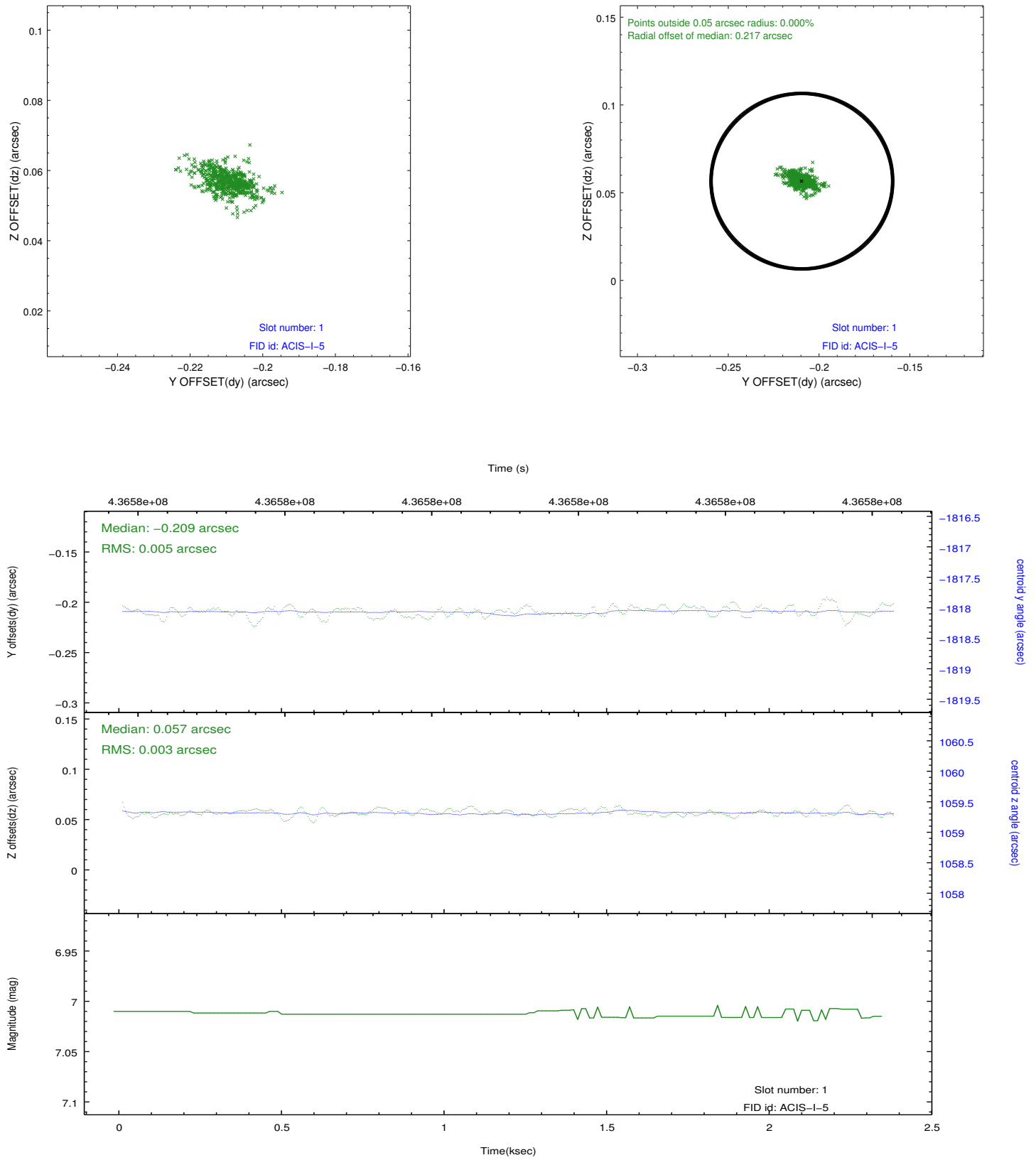


2.5 FID Slots

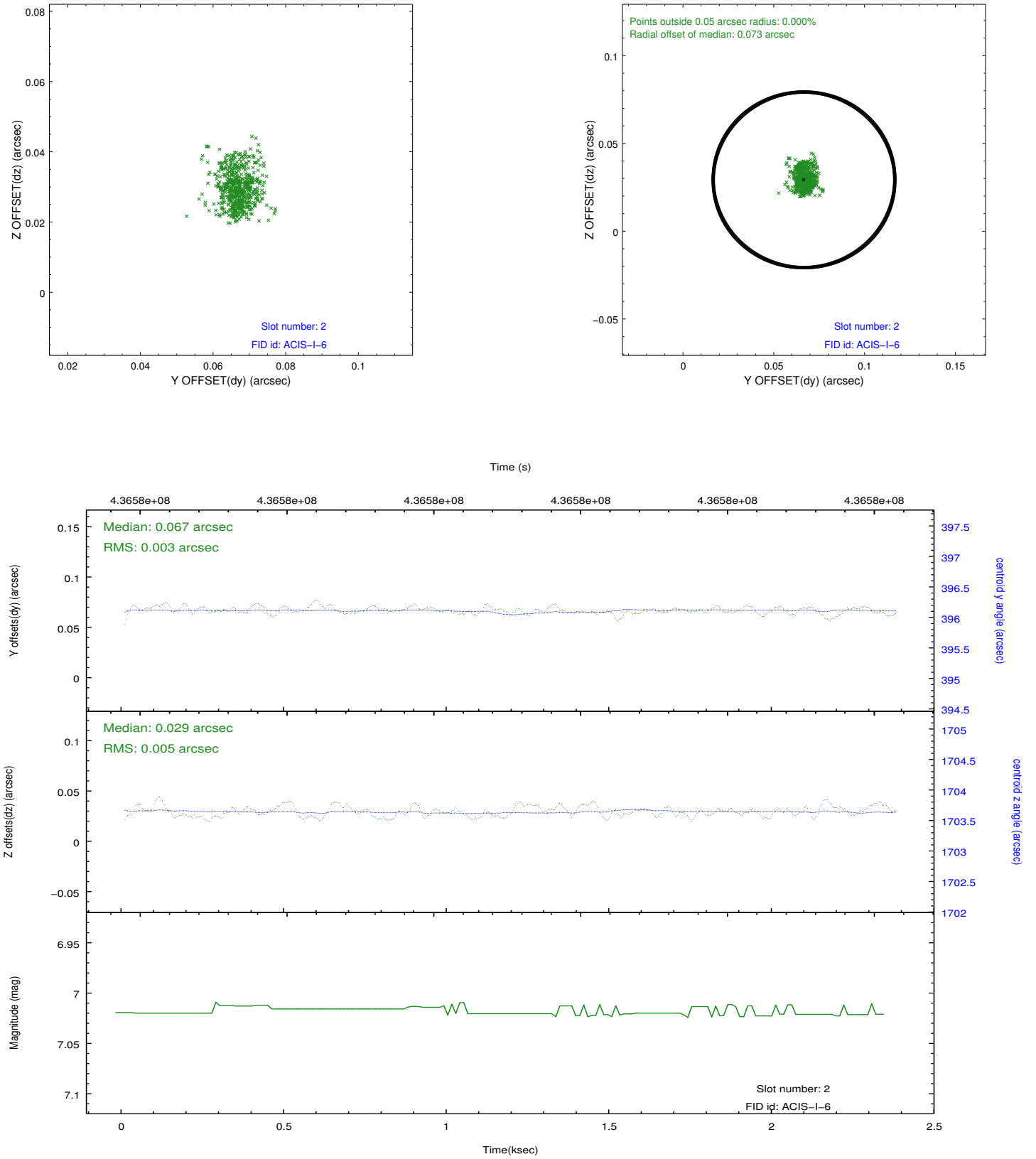
2.5.1 Slot 0



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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9716000151634

A.2 Comments

Joint Proposal: NOAO