

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13543 - L2 Version 2
Chandra X-Ray Center

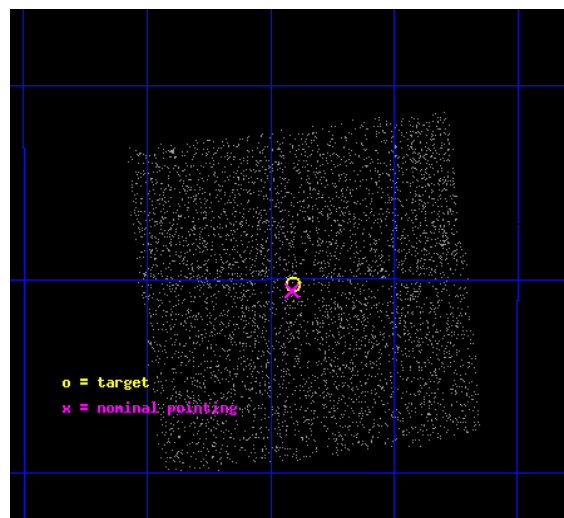
L2 Processing Date : Feb 25 2012

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1 Front

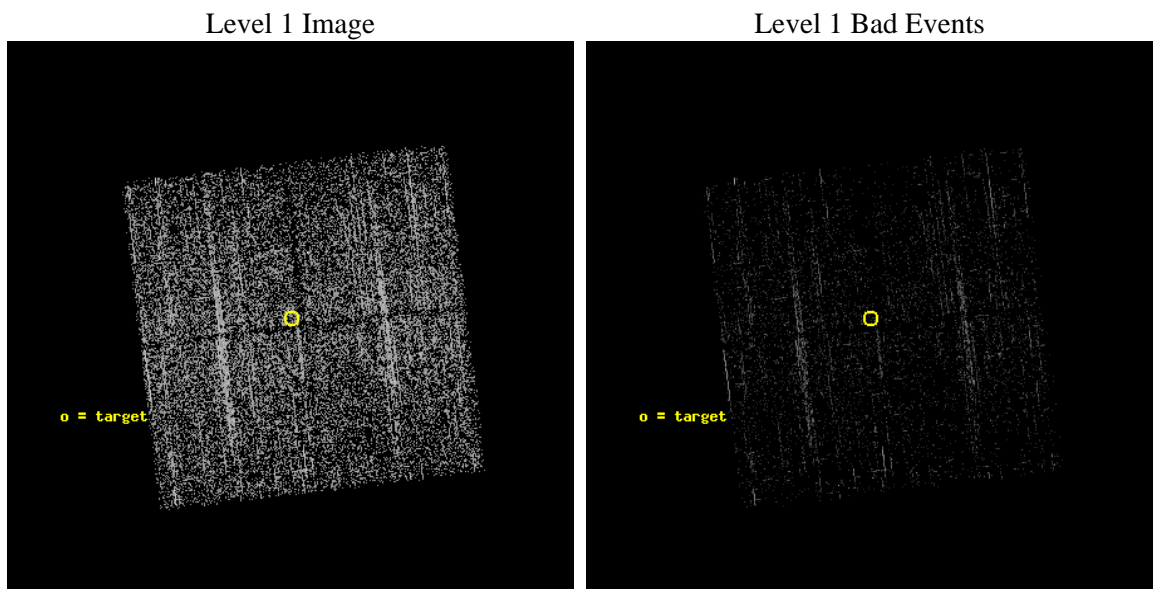
seq_num	401319	Sequence number
obs_id	13543	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.601768	Observer's specified target RA [deg]
dec_targ	-30.504405	Observer's specified target Dec [deg]
ra_nom	267.60366812877	Nominal RA [deg]
dec_nom	-30.509924181582	Nominal Dec [deg]
roll_nom	263.26042422189	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	5468	Number of level 2 events



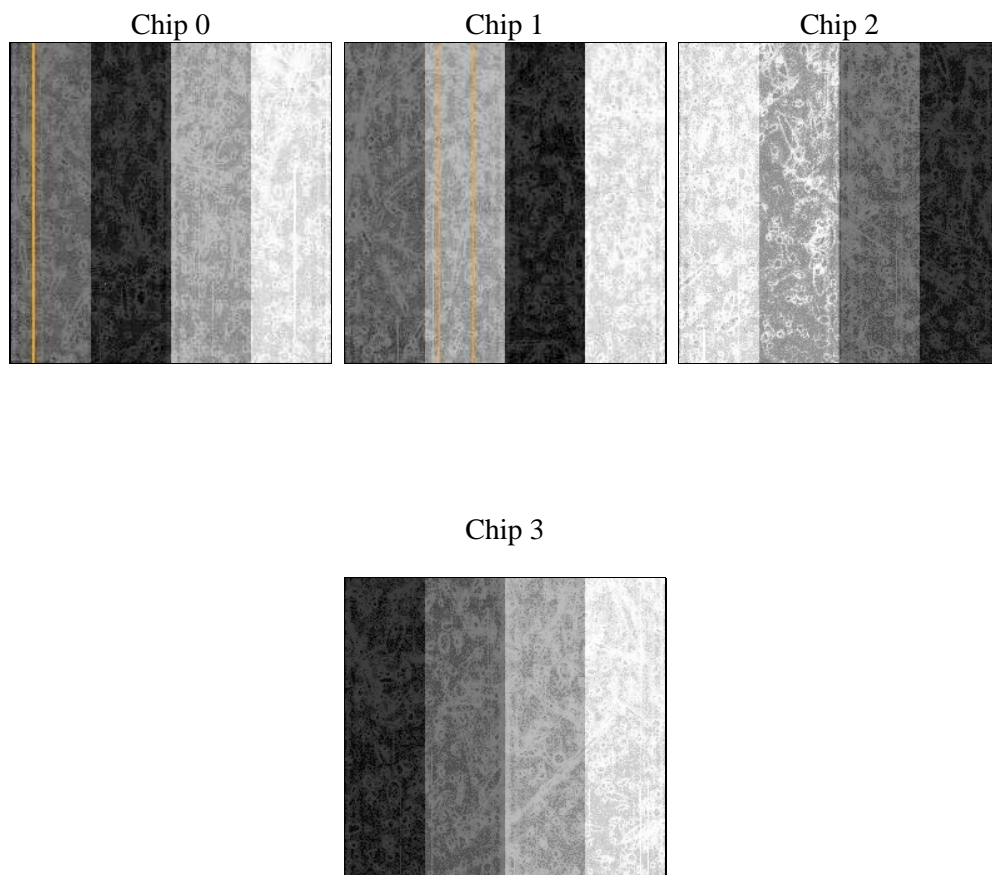
2 OBI

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	2012-02-26T01:17:25	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	44345	Number of level 1 events

2.1.4 Events

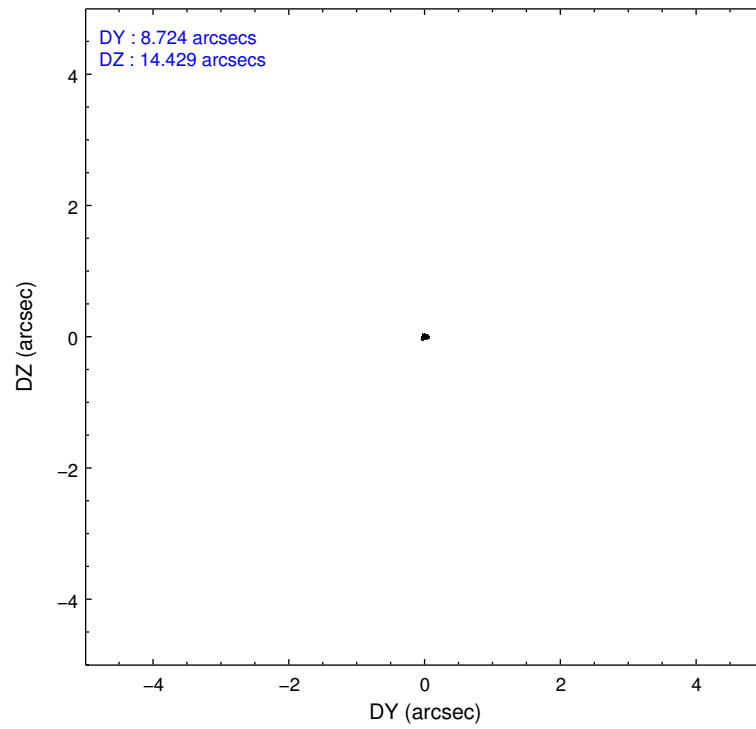
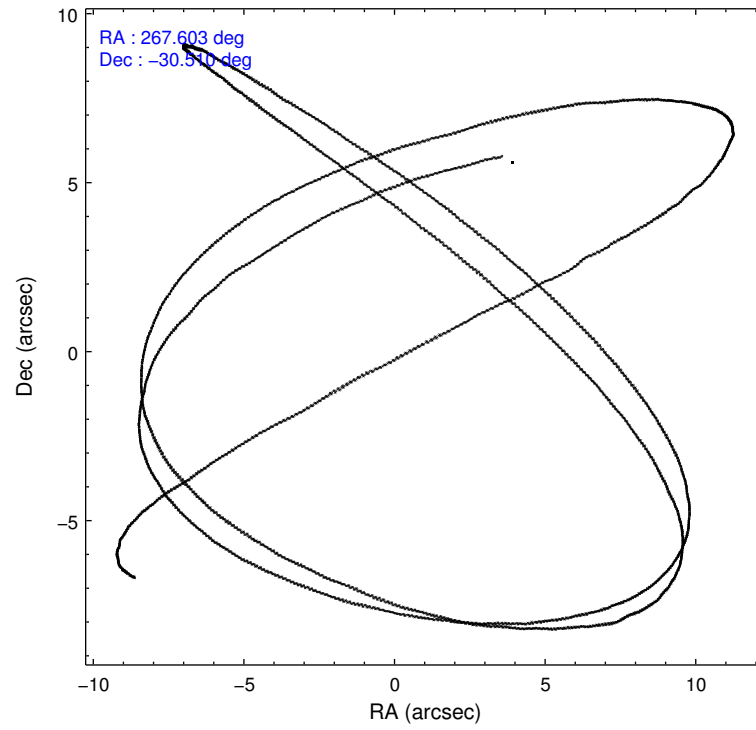
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	10126	10780	12237	11202
rejected events	8518	9051	10732	9657
rejected %	84%	83%	87%	86%

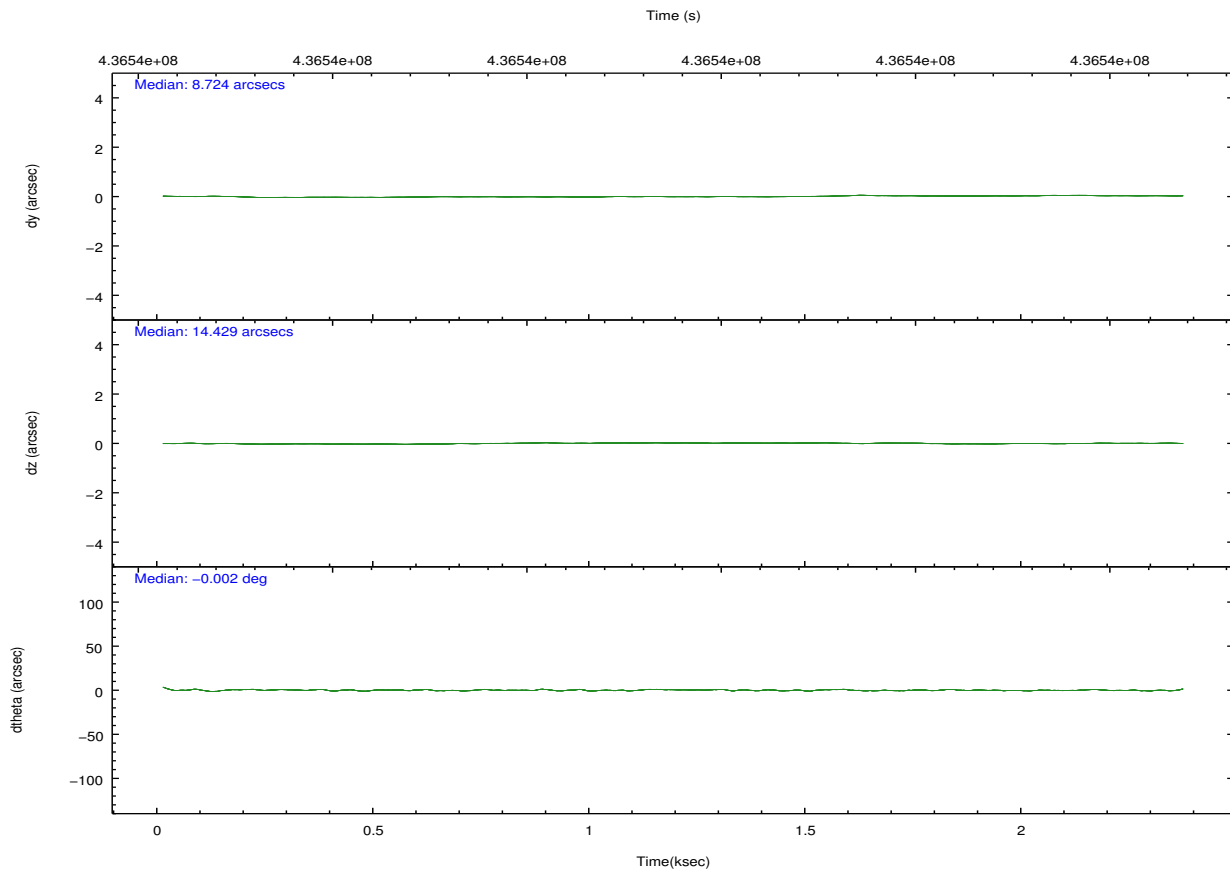
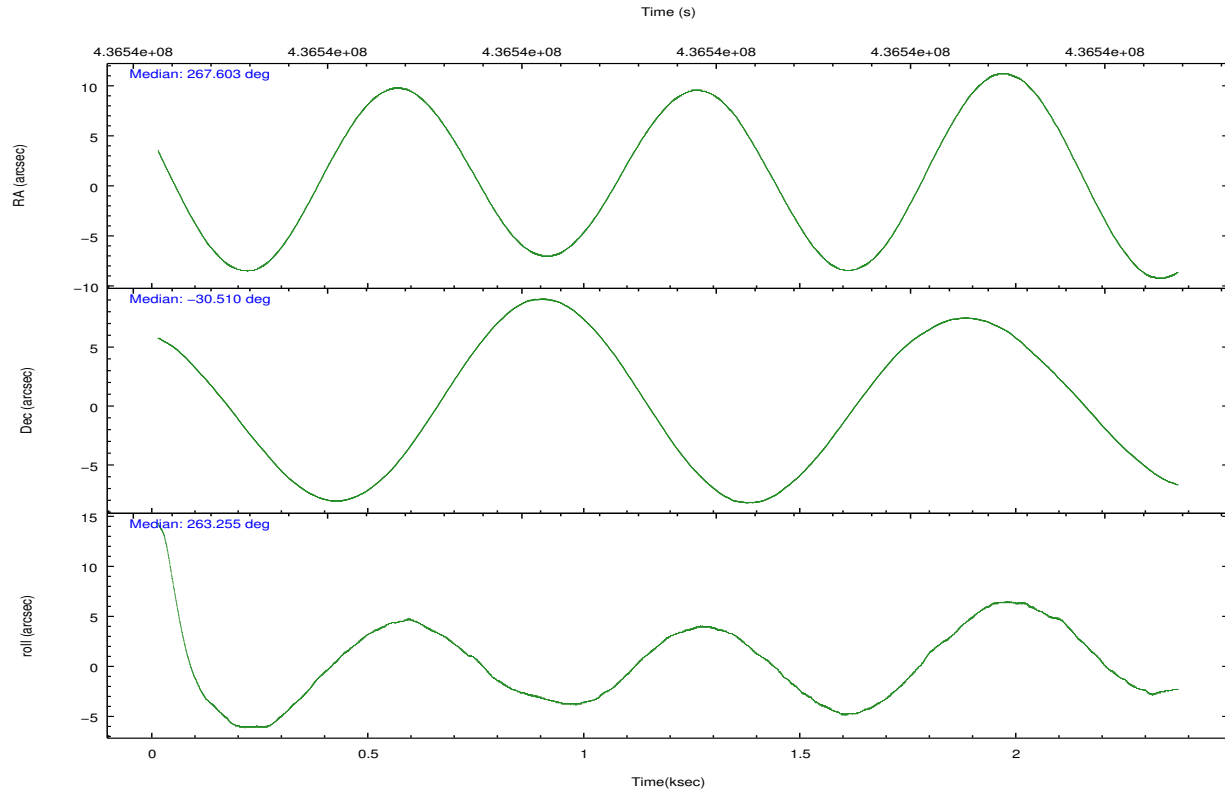
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	621	799	683	710
	6%	7%	5%	6%
grade 1 events	7	5	5	10
	0%	0%	0%	0%
grade 2 events	365	358	323	319
	3%	3%	2%	2%
grade 3 events	151	128	117	140
	1%	1%	0%	1%
grade 4 events	155	145	135	134
	1%	1%	1%	1%
grade 5 events	523	564	503	566
	5%	5%	4%	5%
grade 6 events	319	304	252	251
	3%	2%	2%	2%
grade 7 events	7985	8477	10219	9072
	78%	78%	83%	80%

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	267.591123	267.6036681287669	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.484644	-30.50992418158187	Alternating exposures requested	N	N
[deg] Pointing Roll	263.045393	263.2604242218914	[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)	436540389.184000	436540012.70791			
Observation start date	2011-11-01T13:12:03	2011-11-01T13:06:52			
[s] Observation end time (MET)	436542569.184000	436542702.82055			
Observation end date	2011-11-01T13:48:23	2011-11-01T13:51:42			
Read mode	TIMED	TIMED			

2.3 Aspect



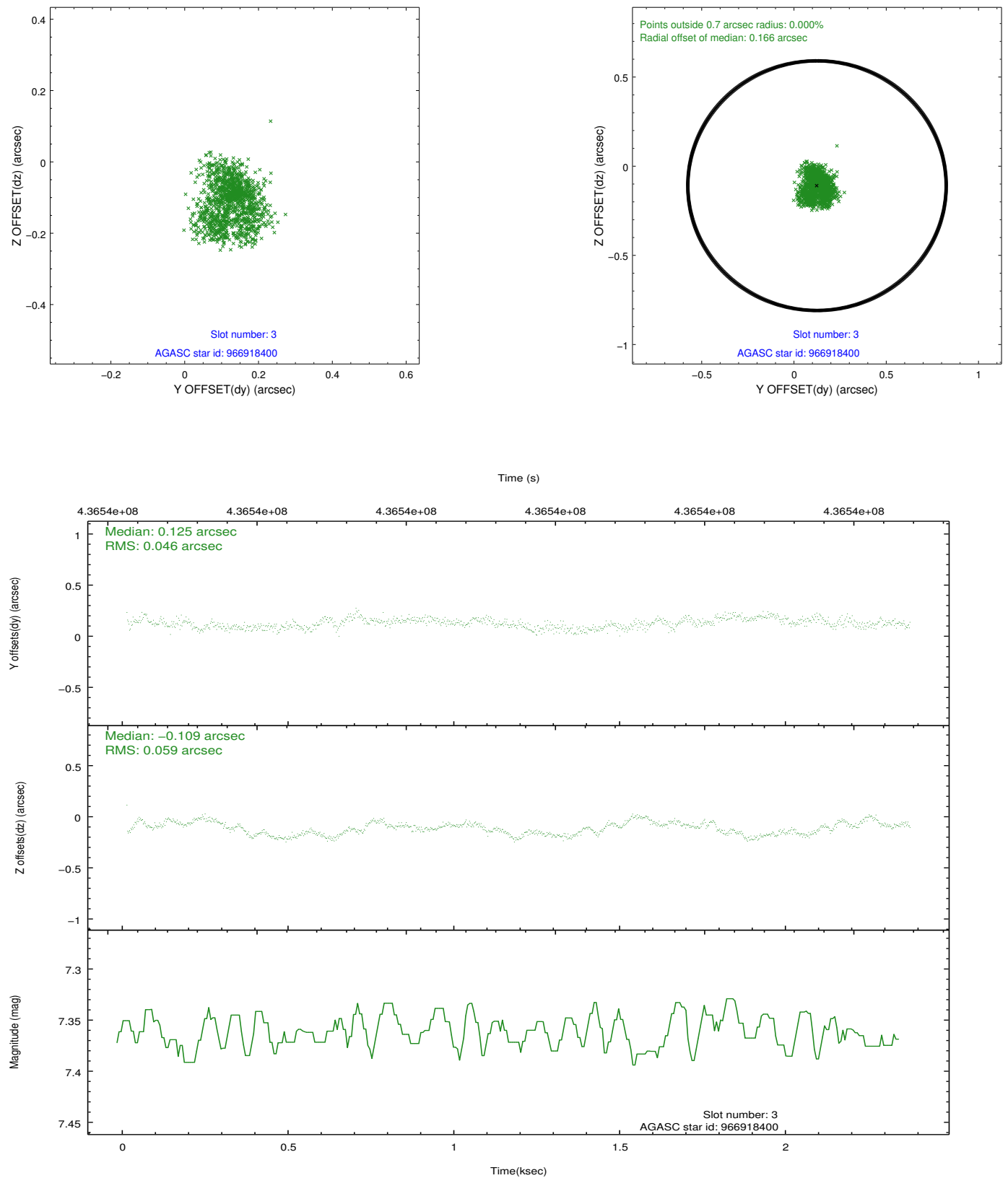


Slot Statistics

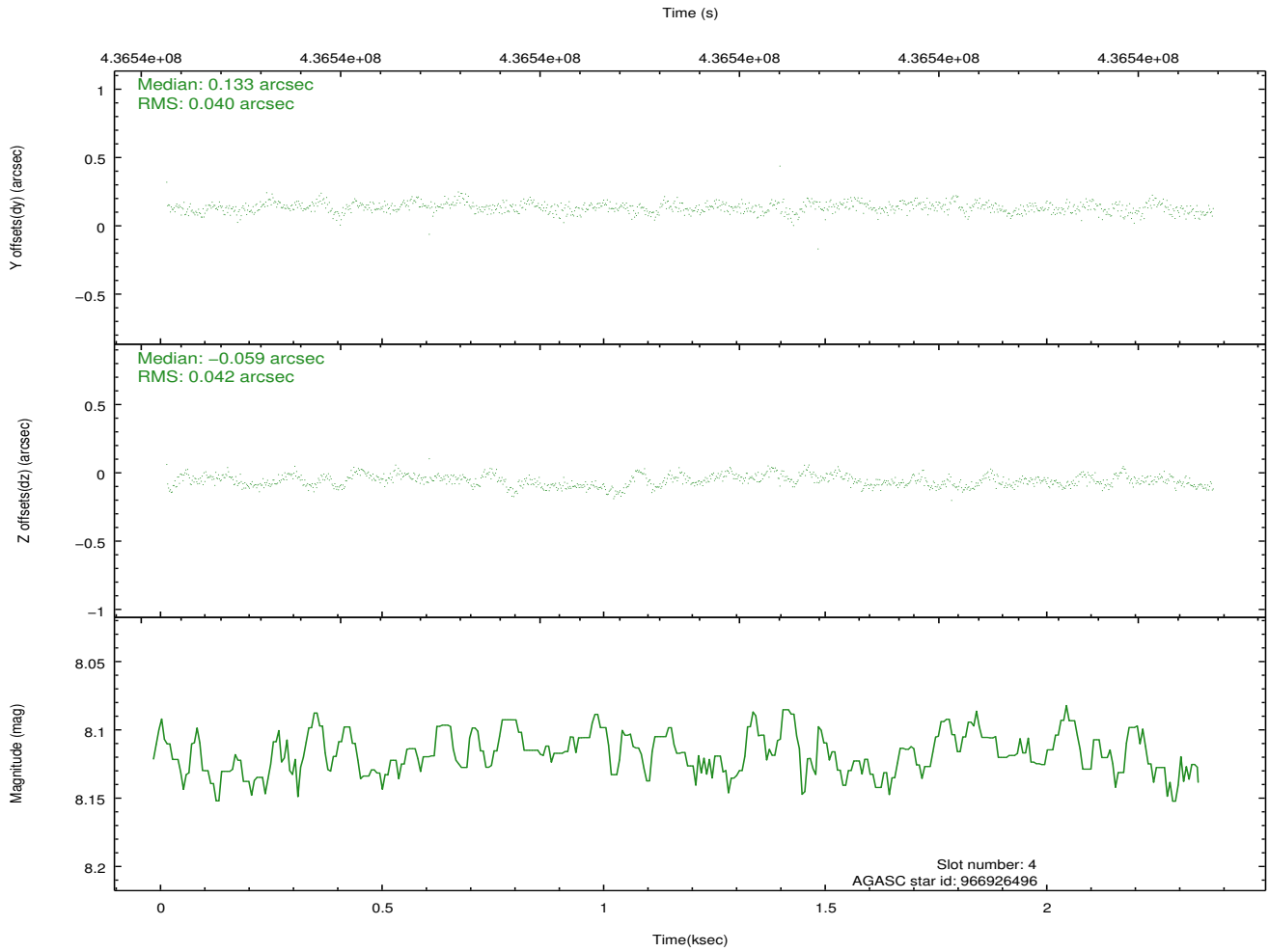
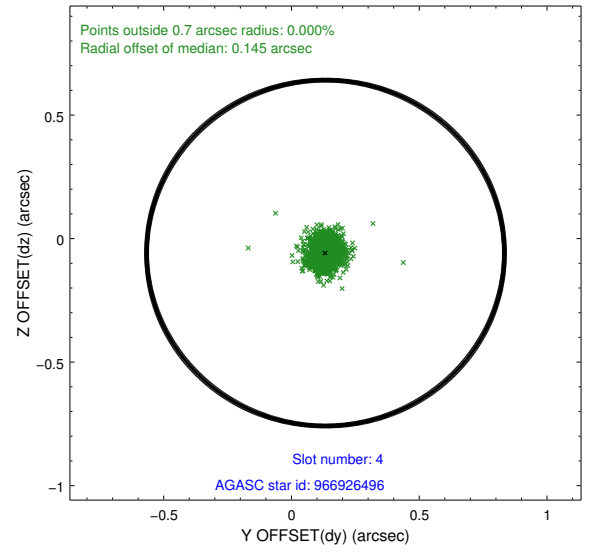
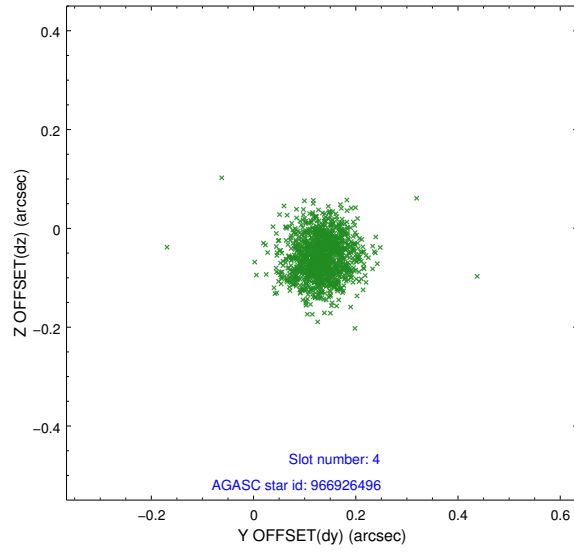
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.01	576	0.016	-0.013	0.008	0.016	0.000000	0.000000	930.92	-838.02
1	FID	ACIS-I-4	6.94	576	0.173	0.025	0.009	0.014	0.000000	0.000000	2152.65	1060.44
2	FID	ACIS-I-5	7.00	577	-0.287	0.059	0.007	0.012	0.000000	0.000000	-1813.86	1061.44
3	GUIDE	966918400	7.36	1153	0.125	-0.109	0.083	0.122	267.537101	-30.960086	1719.39	42.47
4	GUIDE	966926496	8.12	1153	0.133	-0.059	0.061	0.095	267.109389	-30.299474	-475.25	-1566.45
5	GUIDE	898248800	8.21	1153	-0.174	0.008	0.055	0.095	267.977609	-29.931731	-2120.46	955.36
6	GUIDE	966920512	8.37	1093	-0.064	0.068	0.072	0.113	267.231170	-30.494681	170.58	-1101.66
7	GUIDE	967053960	9.23	1143	-0.020	0.103	0.112	0.179	268.185736	-30.091336	-1624.90	1667.36

2.4 Star Slots

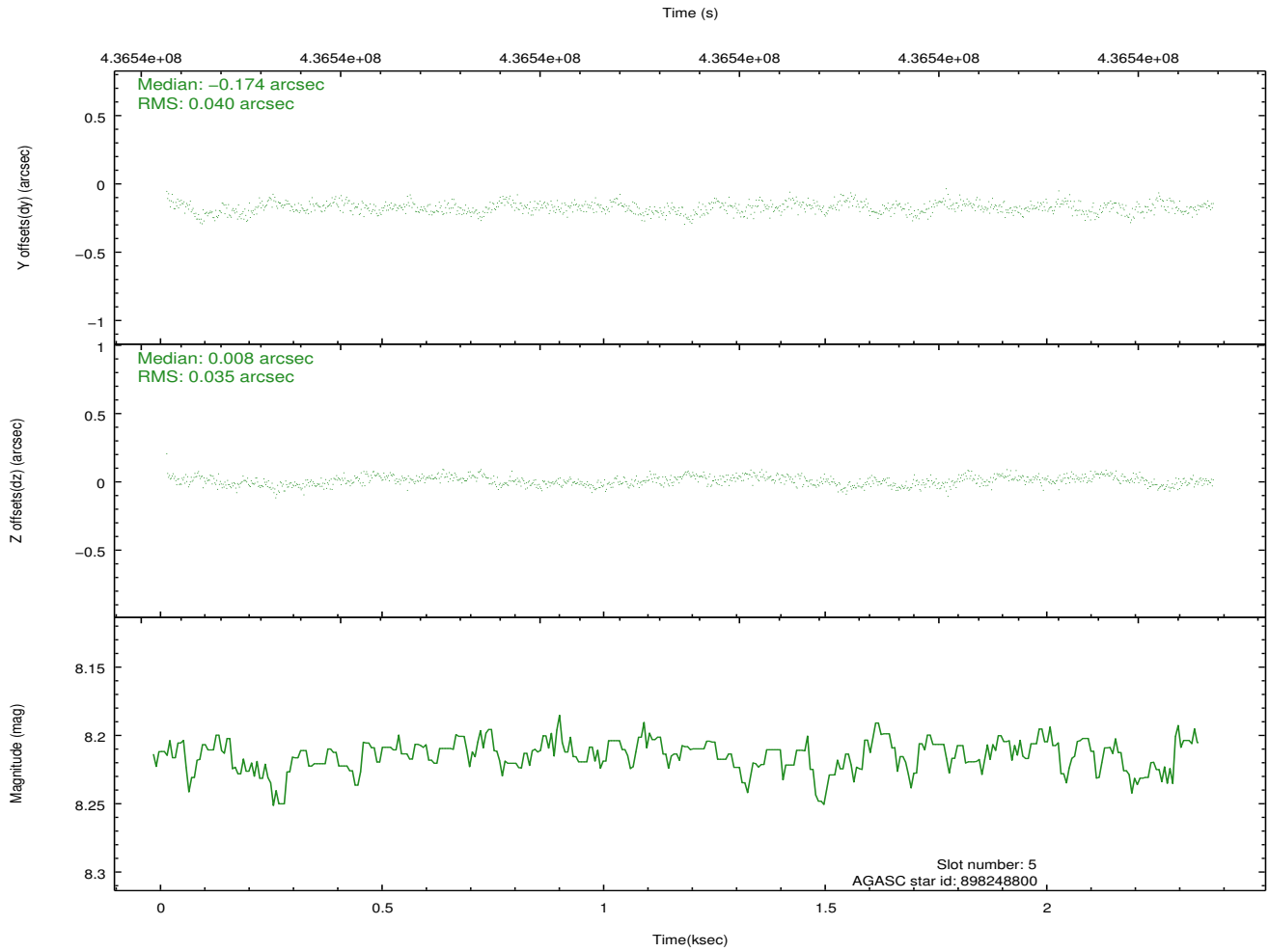
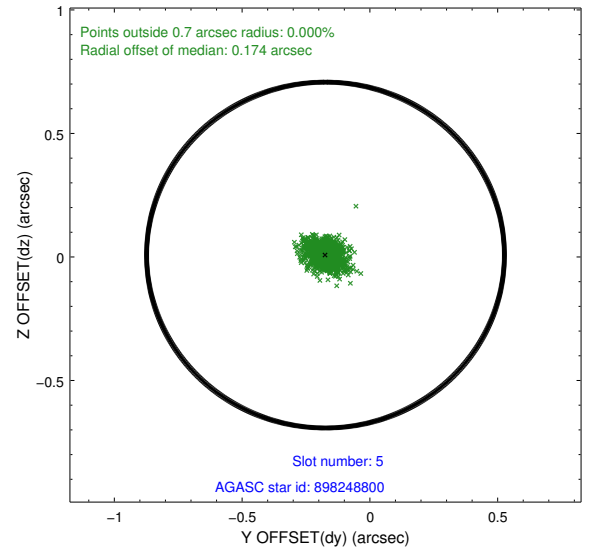
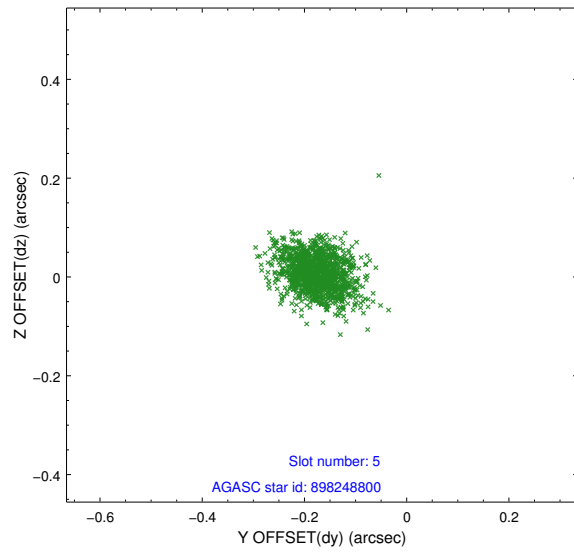
2.4.1 Slot 3



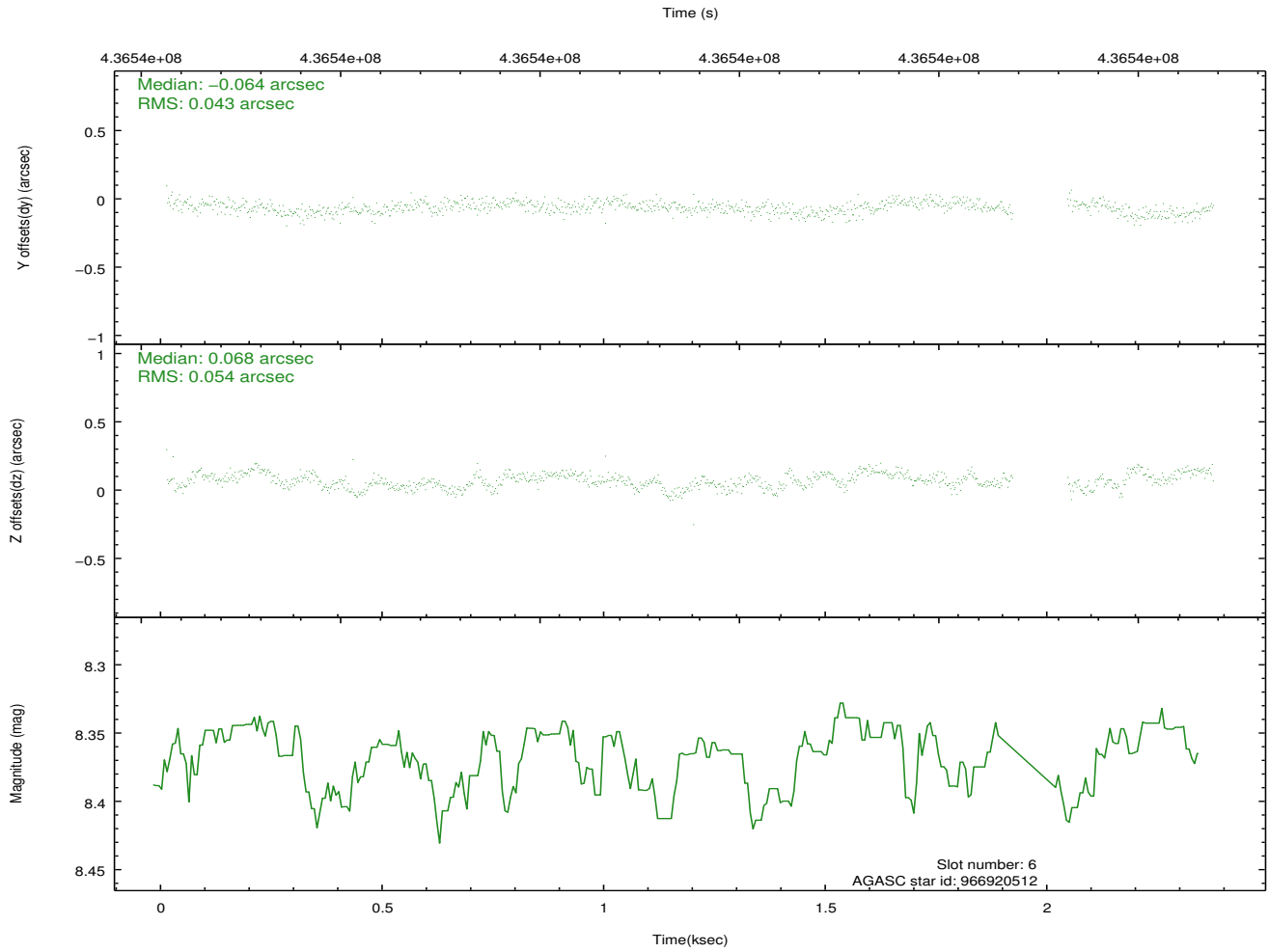
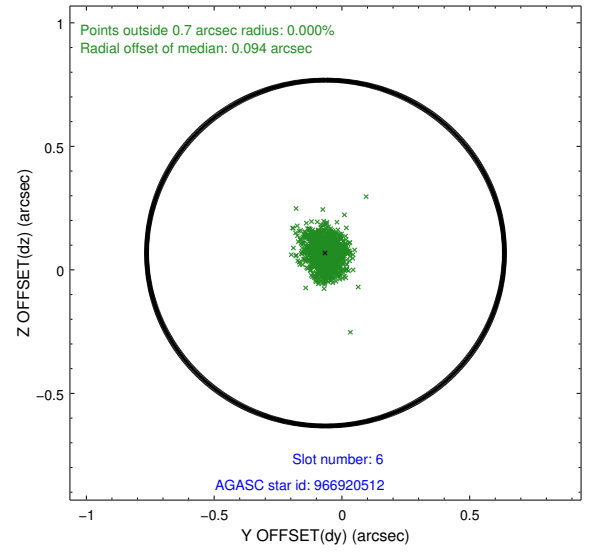
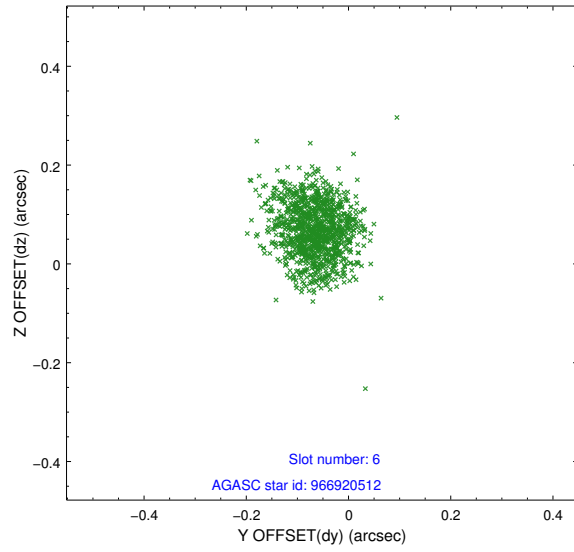
2.4.2 Slot 4



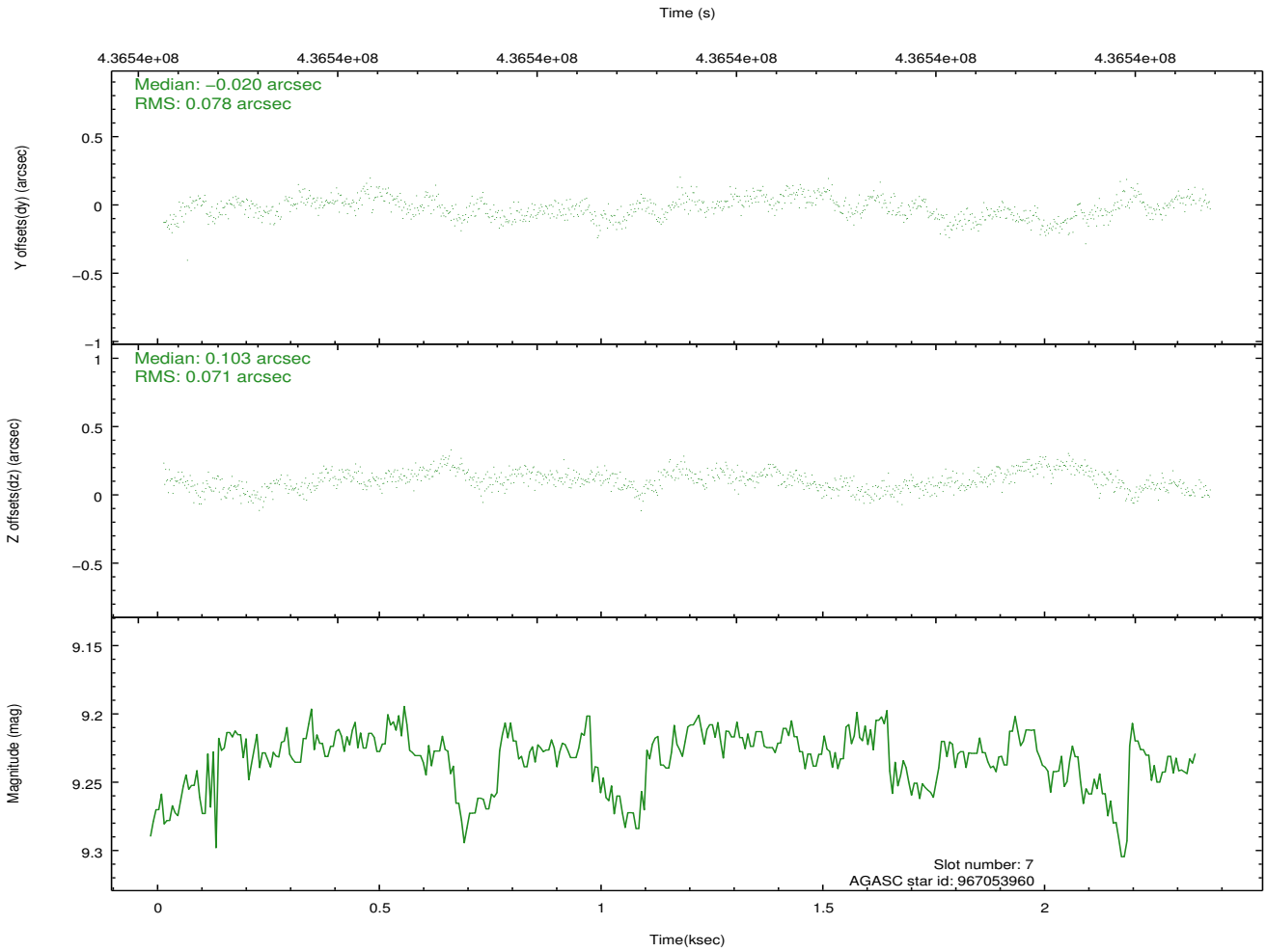
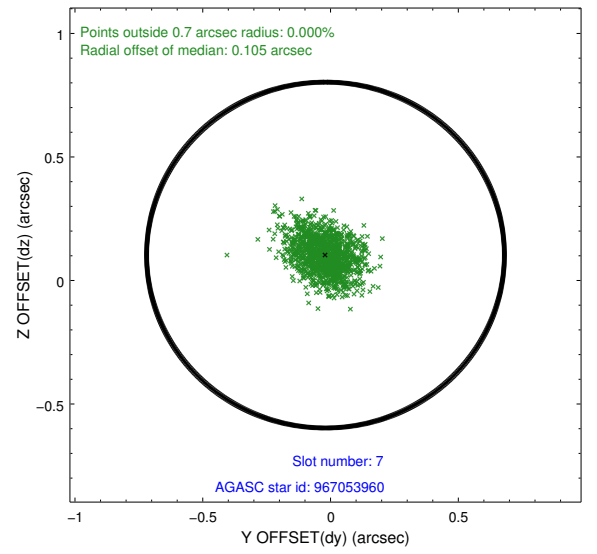
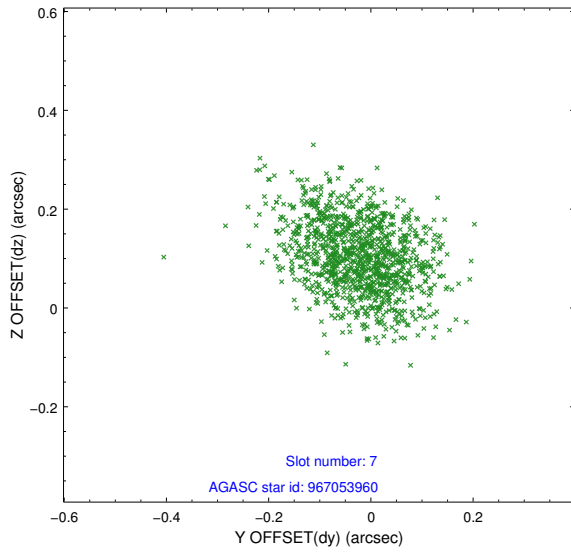
2.4.3 Slot 5



2.4.4 Slot 6

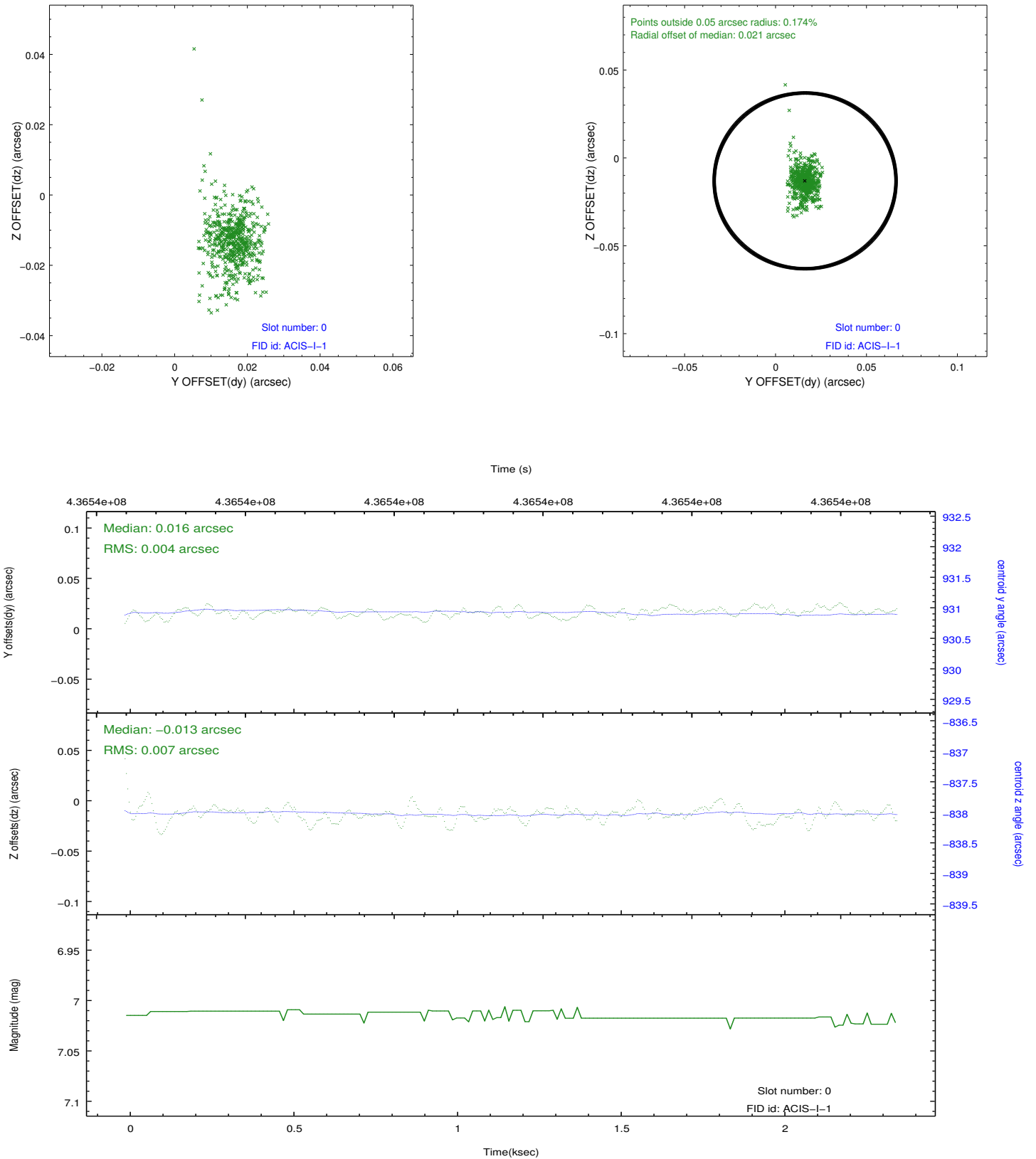


2.4.5 Slot 7

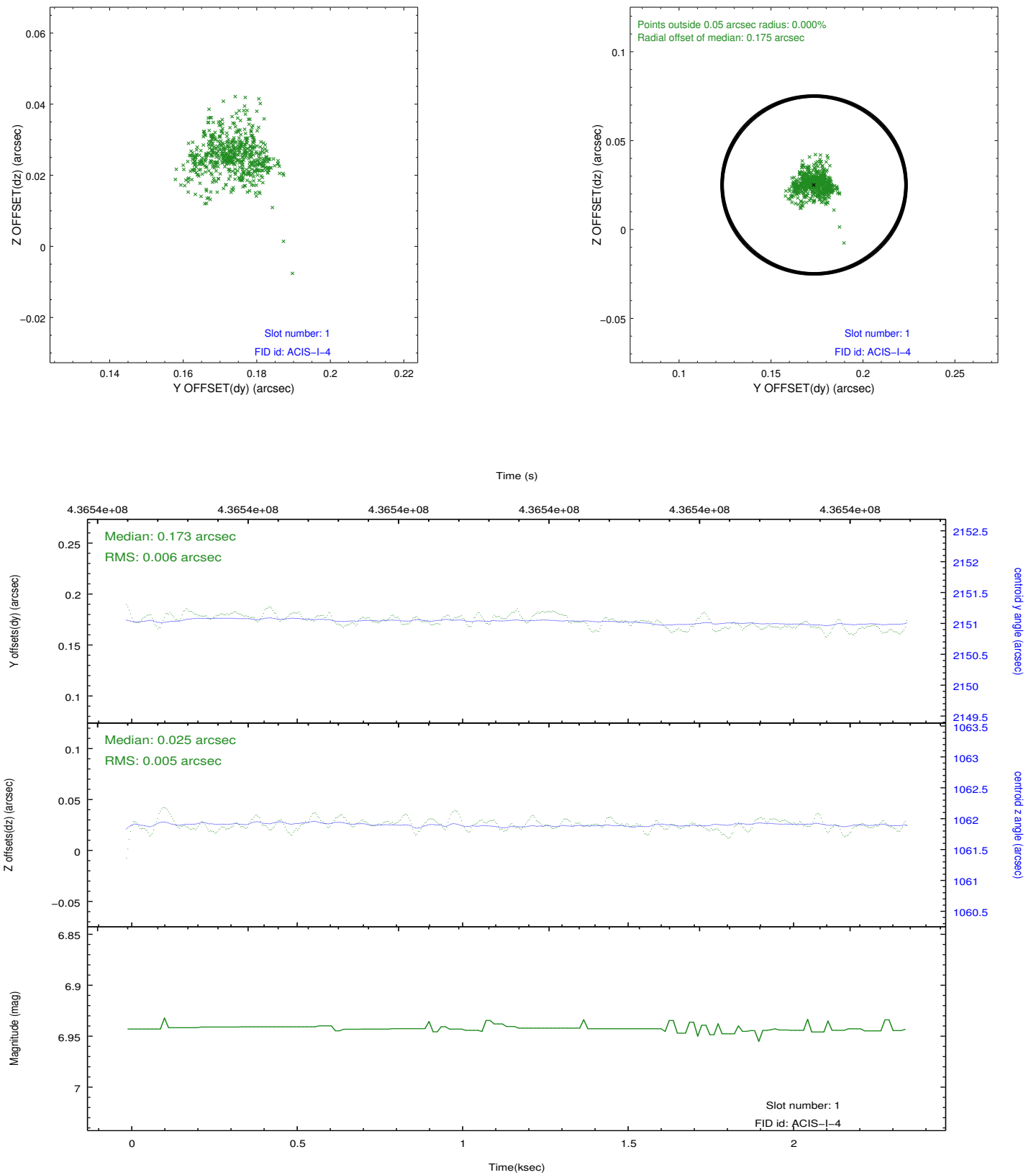


2.5 FID Slots

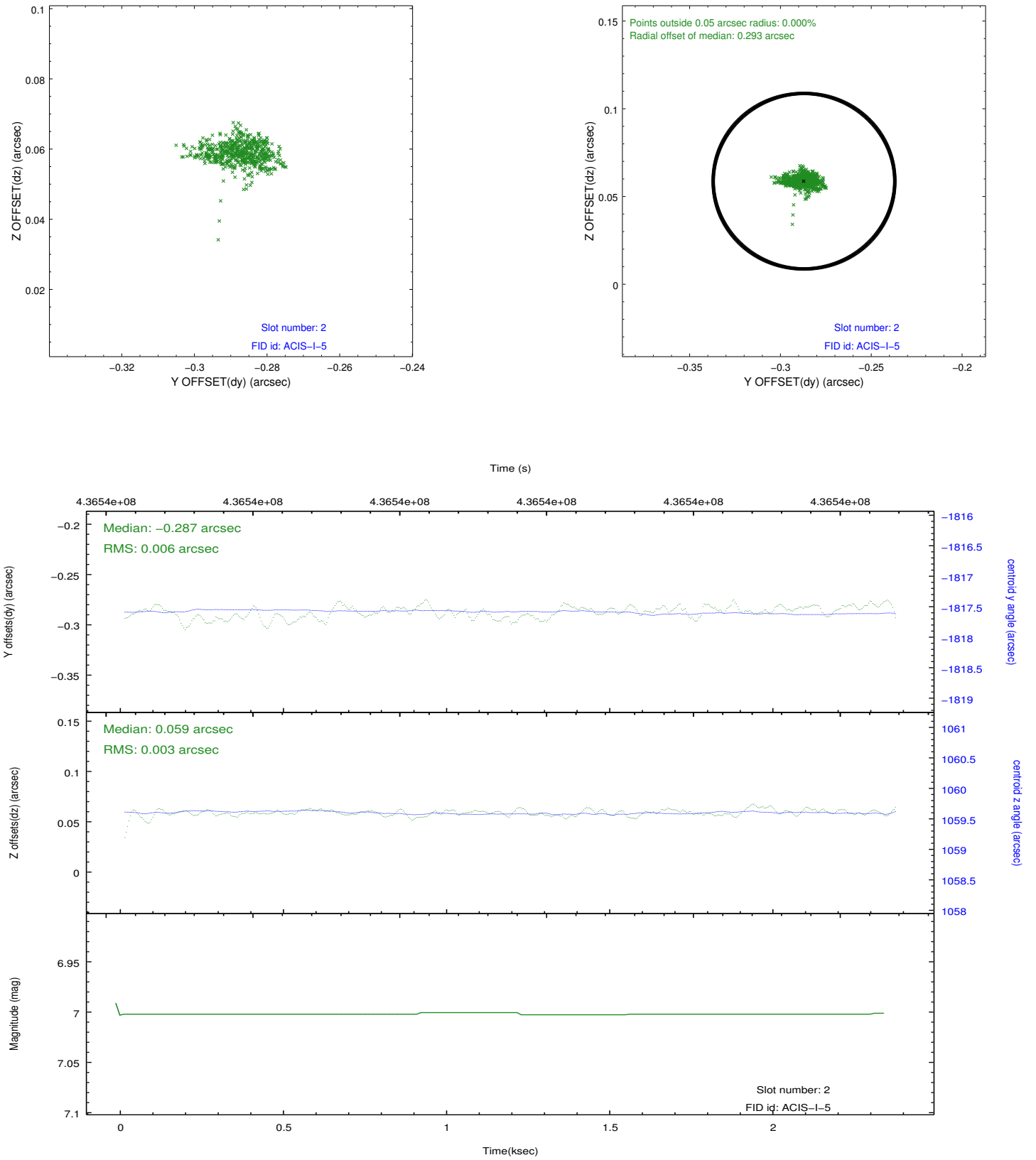
2.5.1 Slot 0



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