

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13541 - L2 Version 2
Chandra X-Ray Center

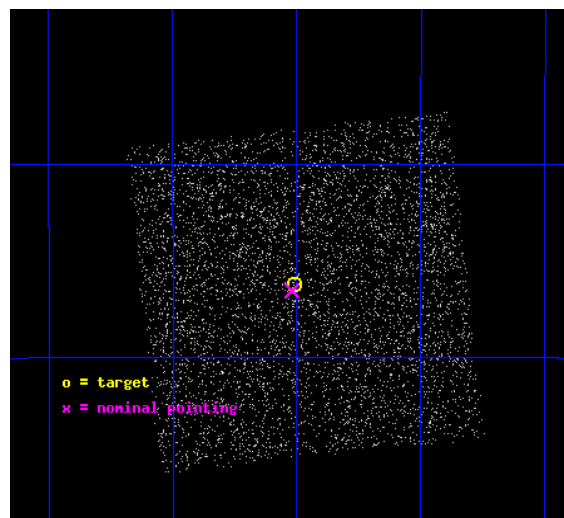
L2 Processing Date : Feb 25 2012

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1 Front

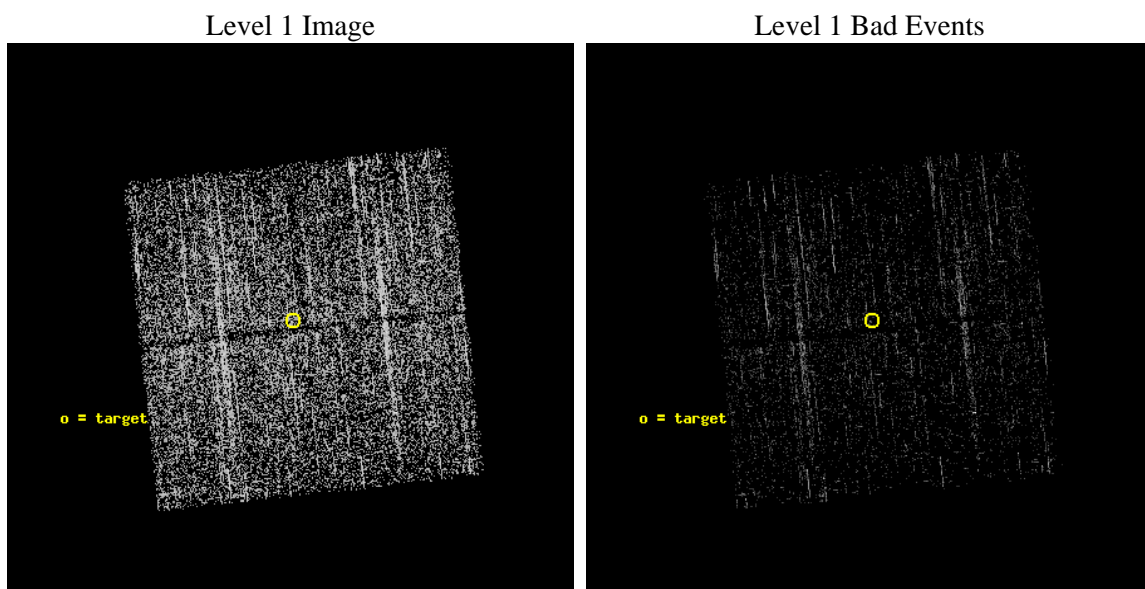
seq_num	401317	Sequence number
obs_id	13541	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.877876	Observer's specified target RA [deg]
dec_targ	-30.103454	Observer's specified target Dec [deg]
ra_nom	267.88003956616	Nominal RA [deg]
dec_nom	-30.109172600688	Nominal Dec [deg]
roll_nom	263.78663012379	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1968.4590548277	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	5731	Number of level 2 events



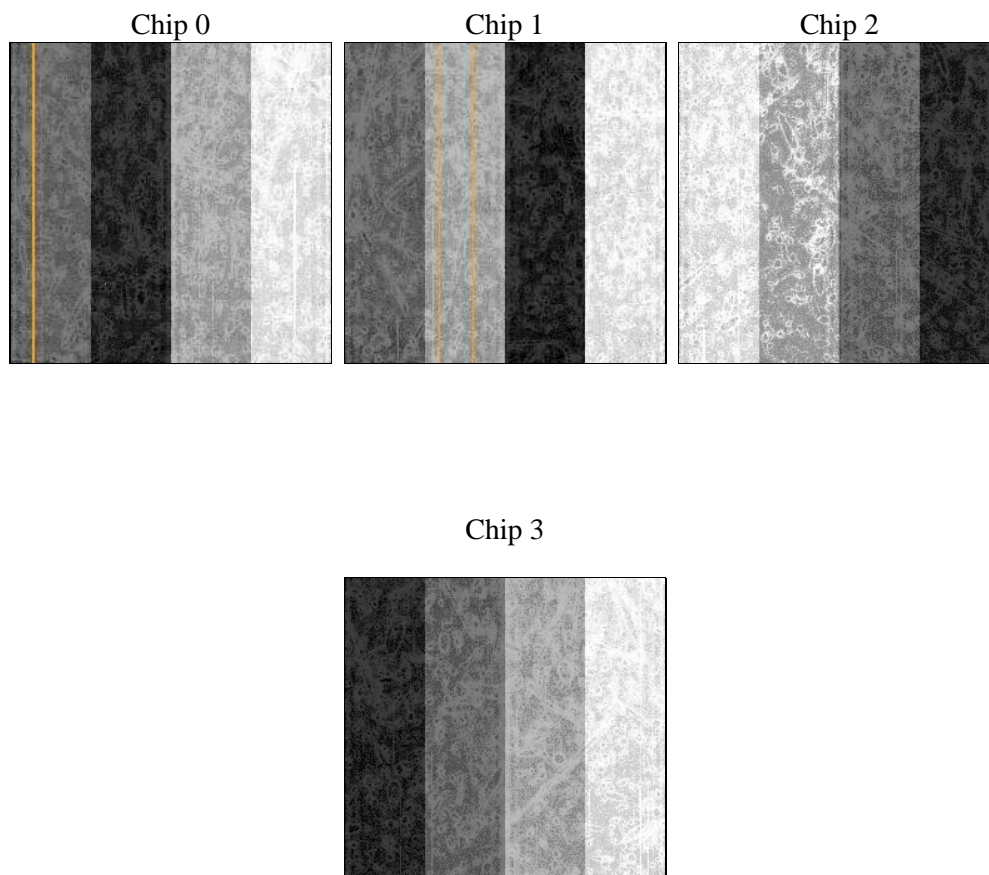
2 OBI

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	1968.4590548277	Sum of GTIs [s]
date	2012-02-26T01:07:27	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	47145	Number of level 1 events

2.1.4 Events

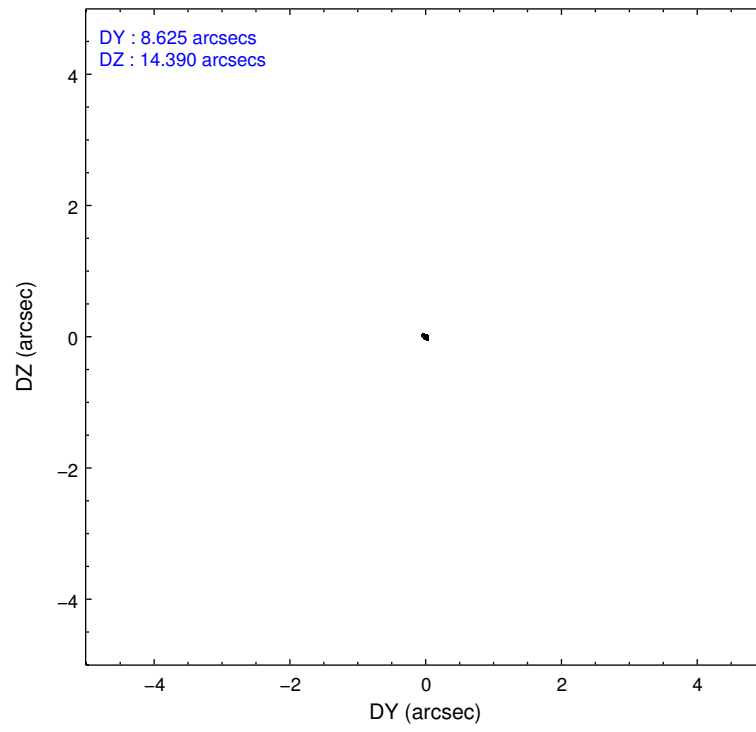
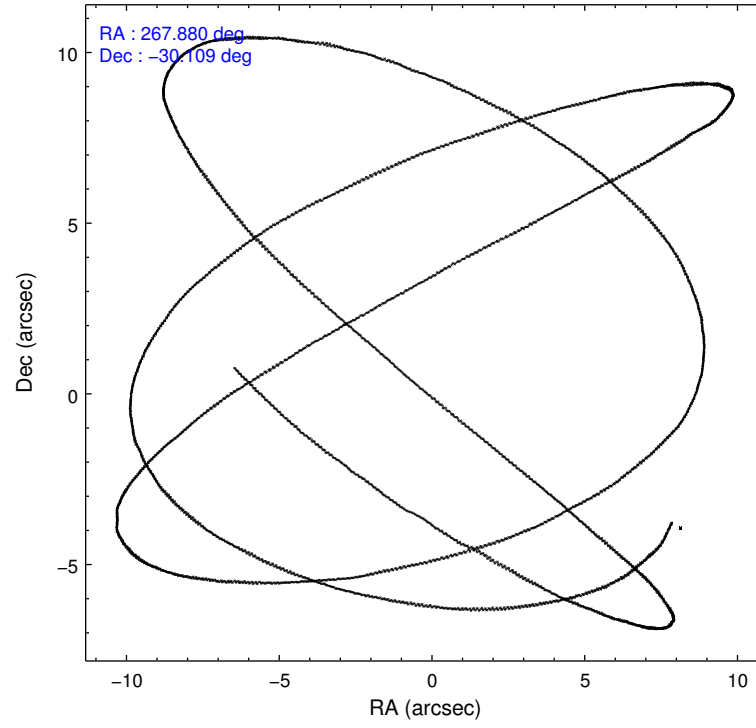
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	10696	11935	12009	12505
rejected events	9044	10180	10359	10875
rejected %	84%	85%	86%	86%

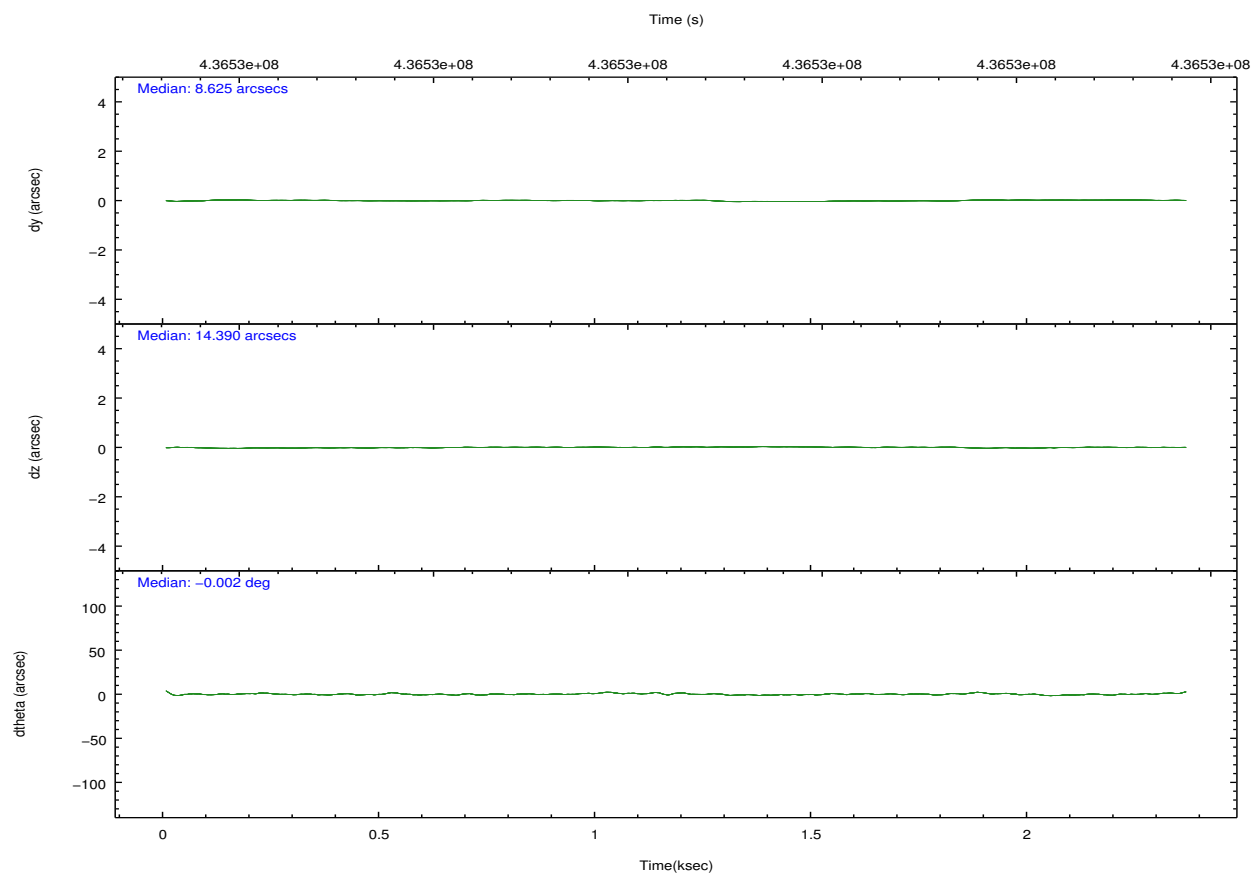
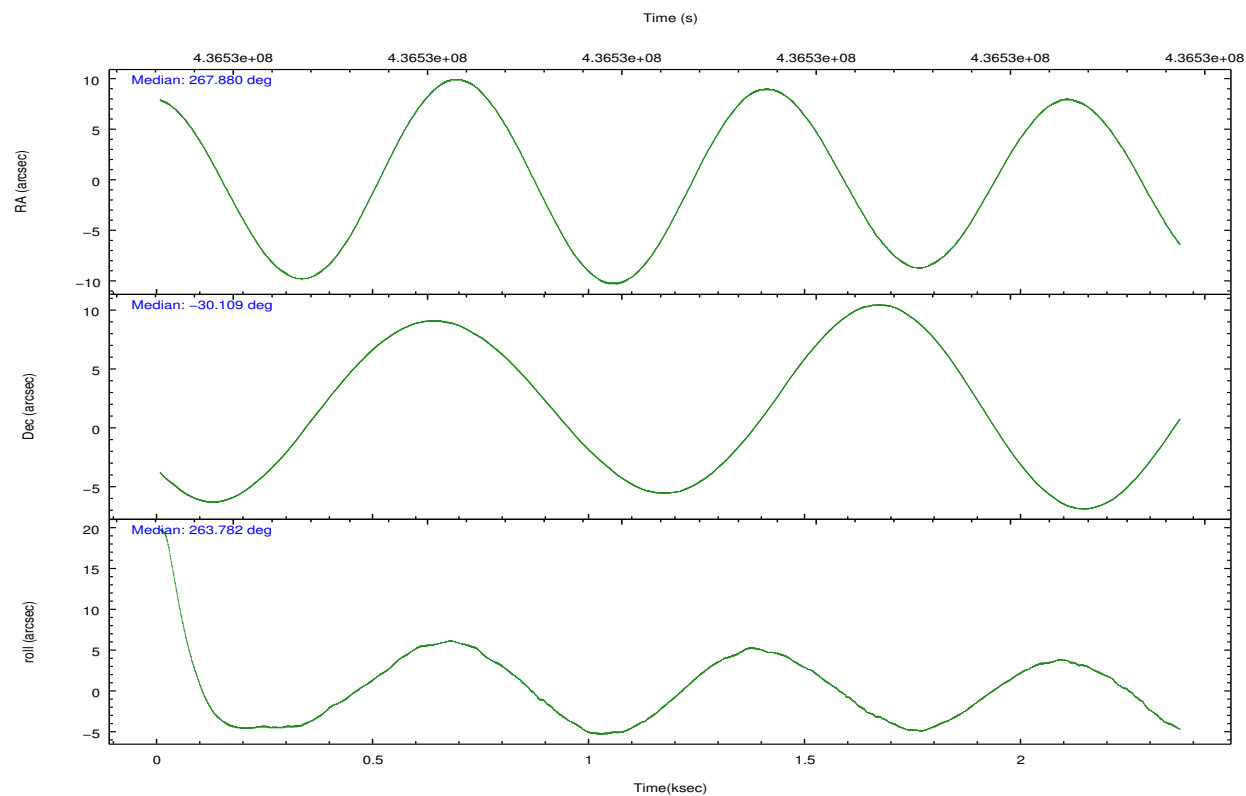
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	728	740	790	726
	6%	6%	6%	5%
grade 1 events	6	8	10	11
	0%	0%	0%	0%
grade 2 events	364	402	342	308
	3%	3%	2%	2%
grade 3 events	129	138	140	175
	1%	1%	1%	1%
grade 4 events	152	159	157	132
	1%	1%	1%	1%
grade 5 events	519	555	502	640
	4%	4%	4%	5%
grade 6 events	282	328	223	297
	2%	2%	1%	2%
grade 7 events	8516	9605	9845	10216
	79%	80%	81%	81%

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	267.867059	267.8800395661571	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.083786	-30.10917260068816	Alternating exposures requested	N	N
[deg] Pointing Roll	263.571442	263.7866301237889	[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)	436529629.184000	436529252.76984			
Observation start date	2011-11-01T10:12:43	2011-11-01T10:07:32			
[s] Observation end time (MET)	436531809.184000	436531942.88248			
Observation end date	2011-11-01T10:49:03	2011-11-01T10:52:22			
Read mode	TIMED	TIMED			

2.3 Aspect



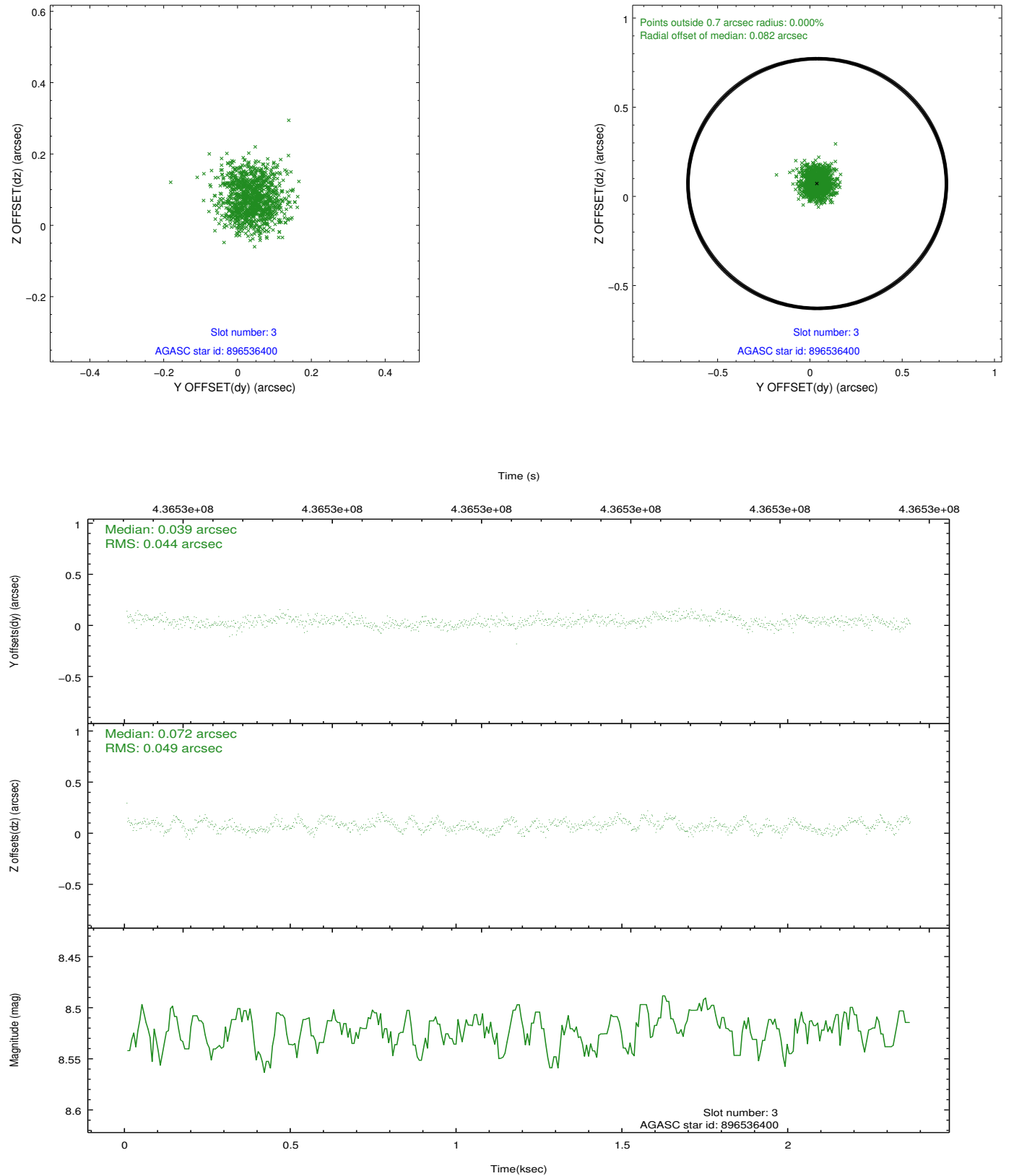


Slot Statistics

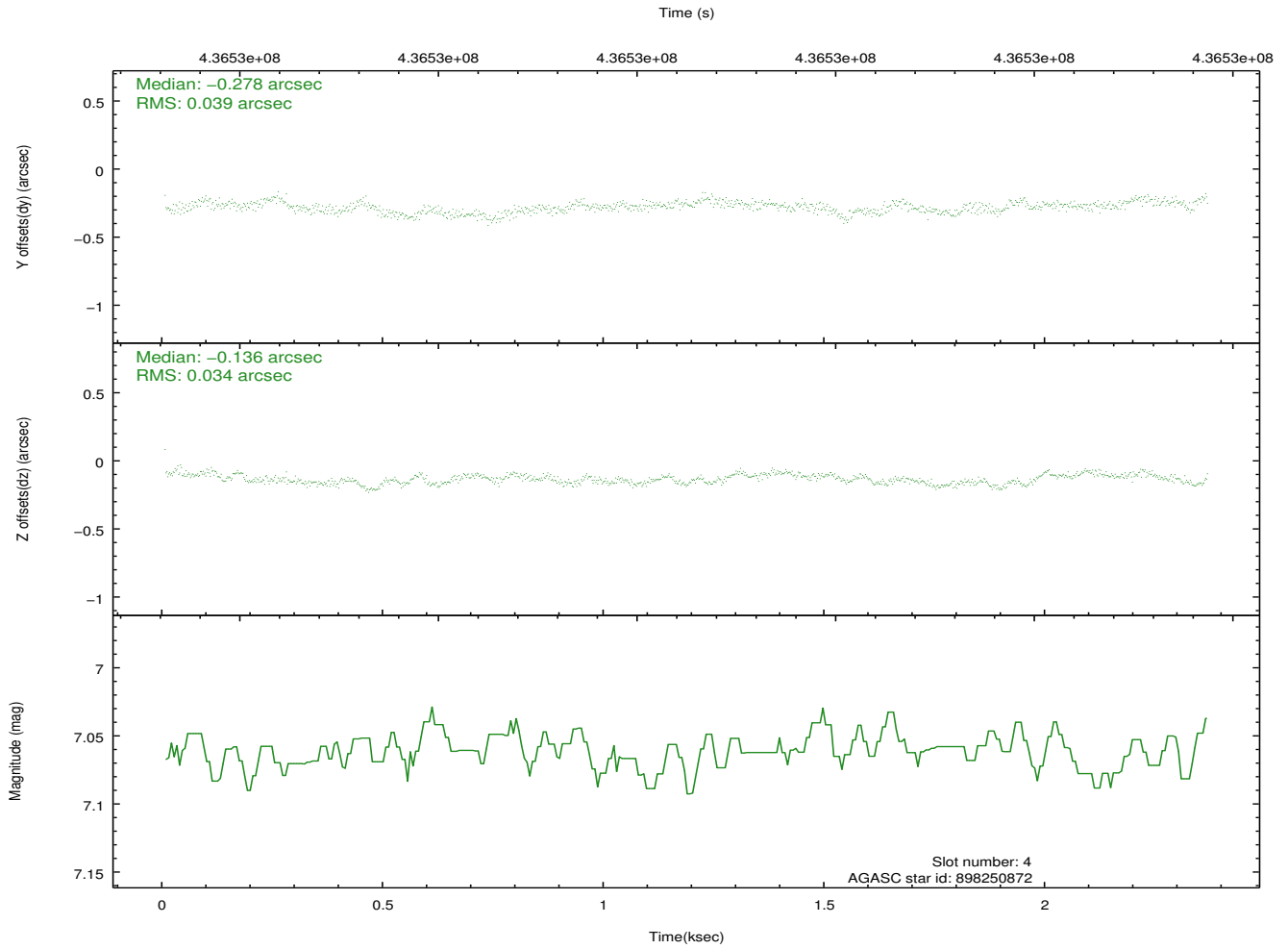
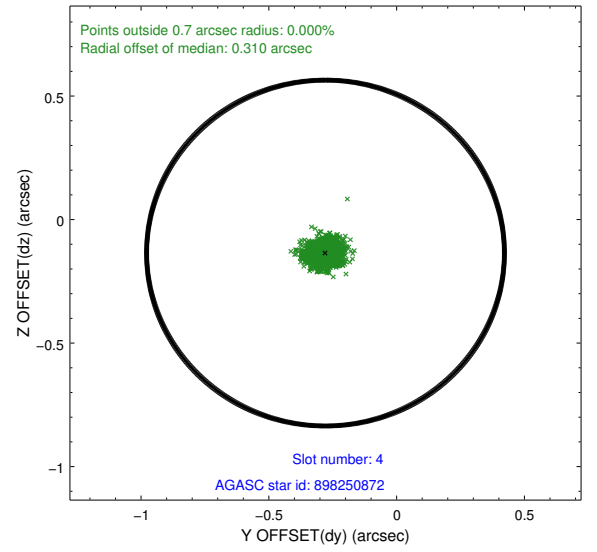
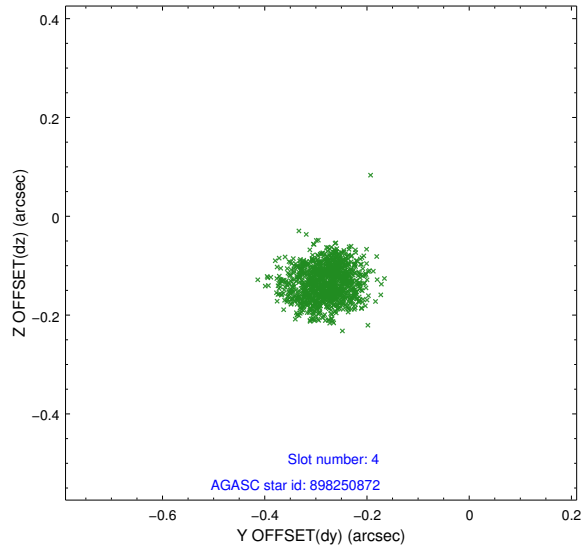
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	6.93	576	-0.095	-0.123	0.012	0.028	0.000000	0.000000	-763.27	-844.45
1	FID	ACIS-I-4	6.95	576	0.249	0.090	0.008	0.013	0.000000	0.000000	2149.90	1060.51
2	FID	ACIS-I-5	7.00	577	-0.255	0.101	0.011	0.021	0.000000	0.000000	-1813.71	1061.54
3	GUIDE	896536400	8.52	1152	0.039	0.072	0.070	0.112	267.359146	-29.438655	-2126.41	-1842.32
4	GUIDE	898250872	7.06	1153	-0.278	-0.136	0.056	0.086	268.026303	-29.632040	-1674.13	311.17
5	GUIDE	966919736	6.92	1153	0.116	-0.019	0.073	0.113	267.322278	-30.597445	2029.35	-1469.00
6	GUIDE	966920512	8.38	1151	-0.079	-0.004	0.079	0.123	267.231170	-30.494681	1697.67	-1795.17
7	GUIDE	967053960	9.26	1151	0.202	0.110	0.130	0.234	268.185736	-30.091336	-81.62	987.99

2.4 Star Slots

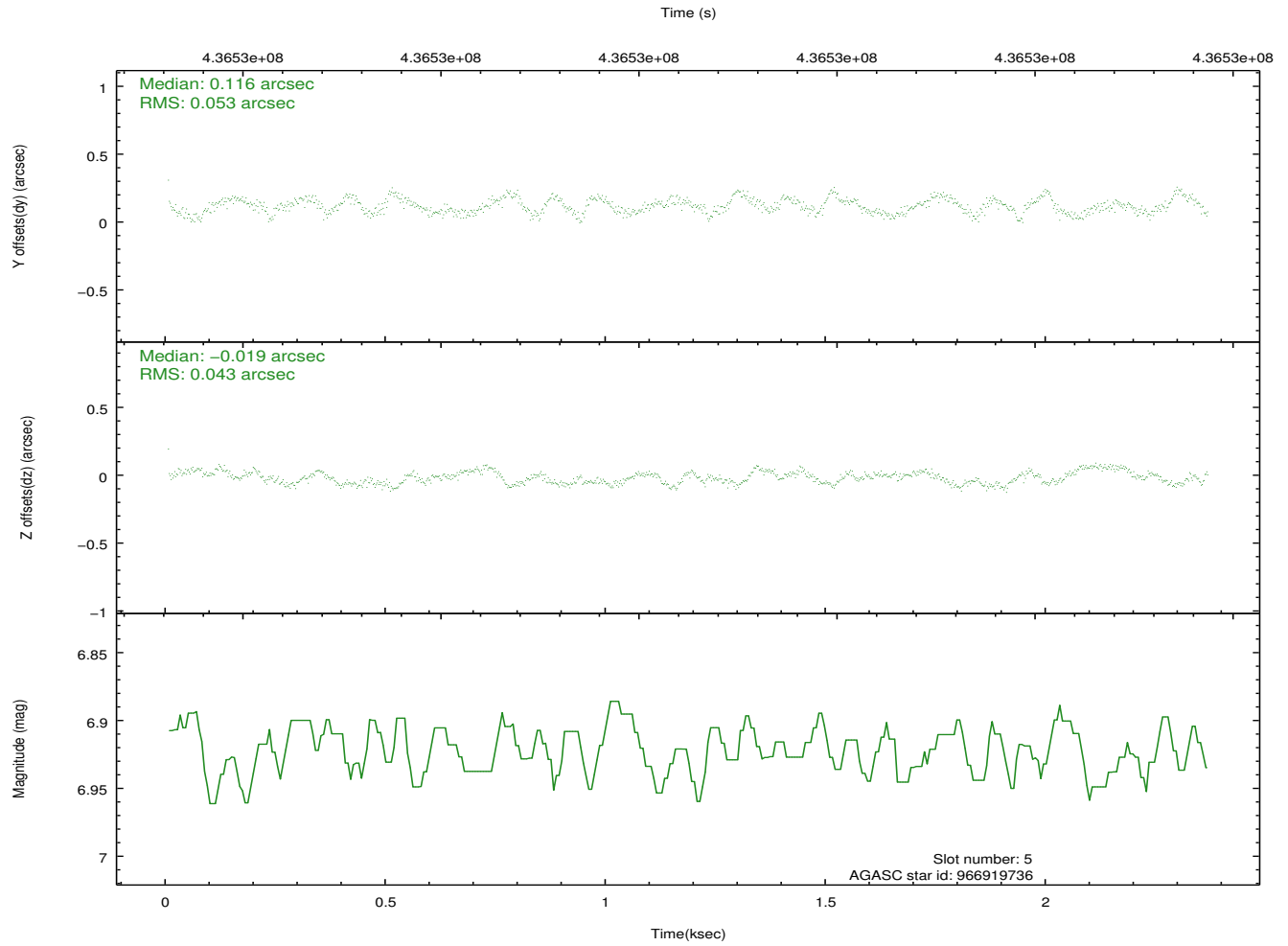
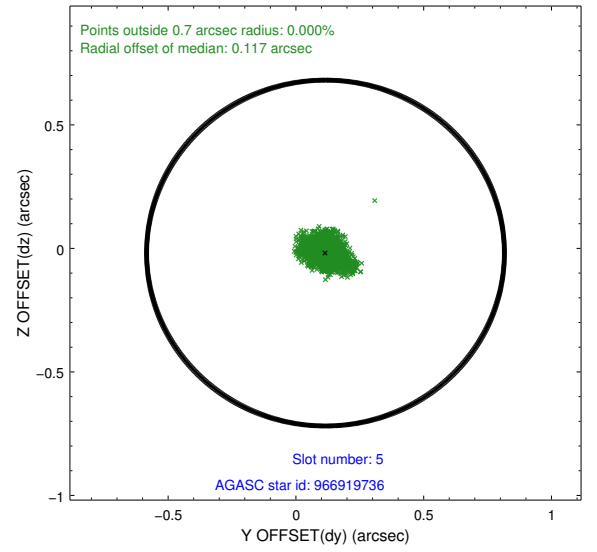
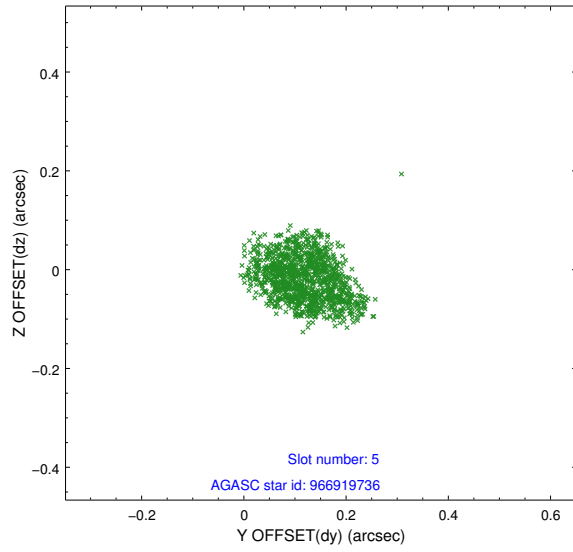
2.4.1 Slot 3



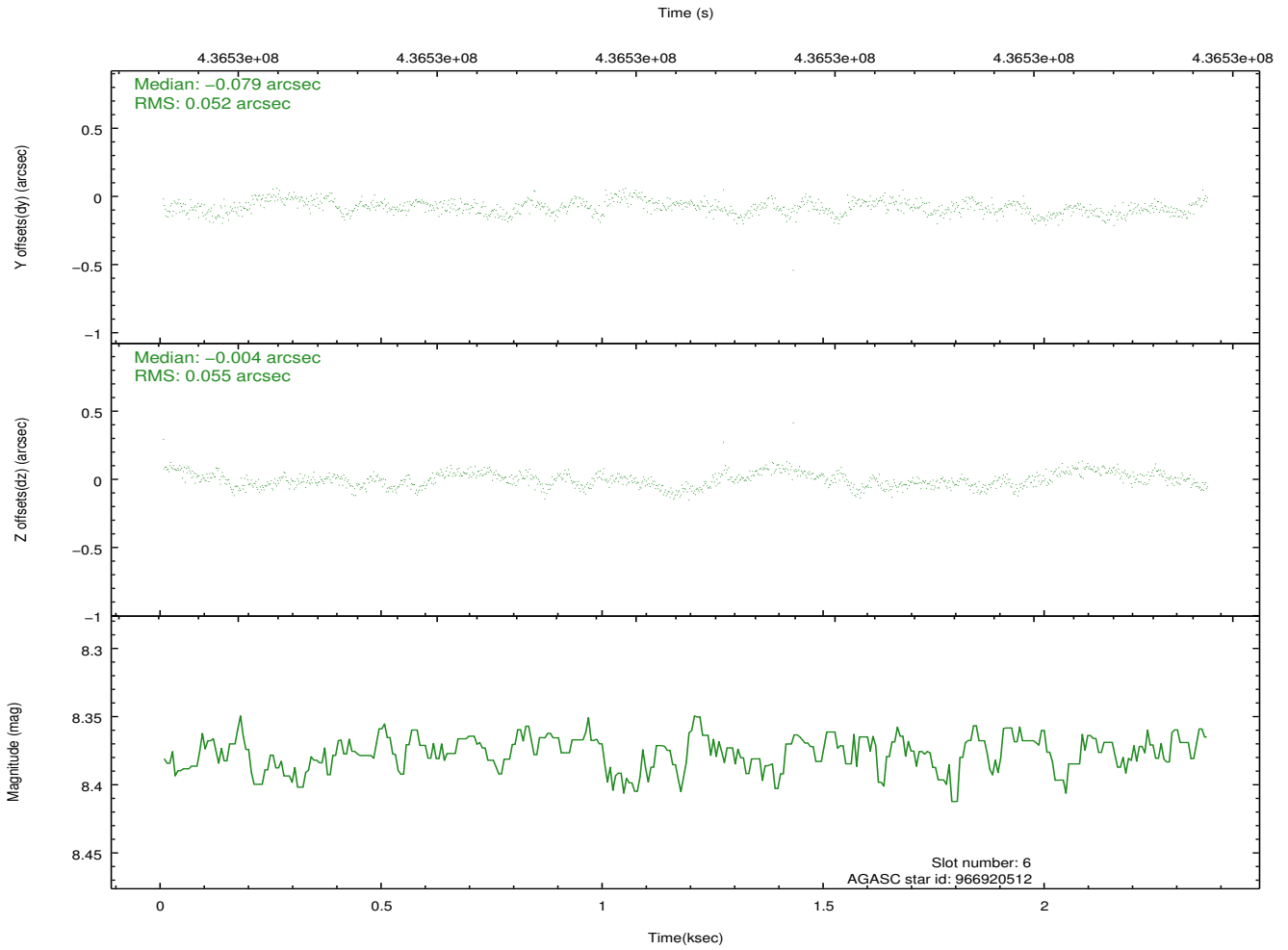
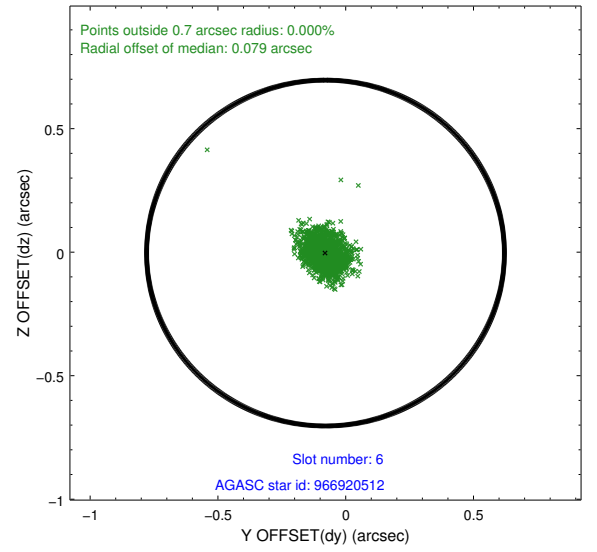
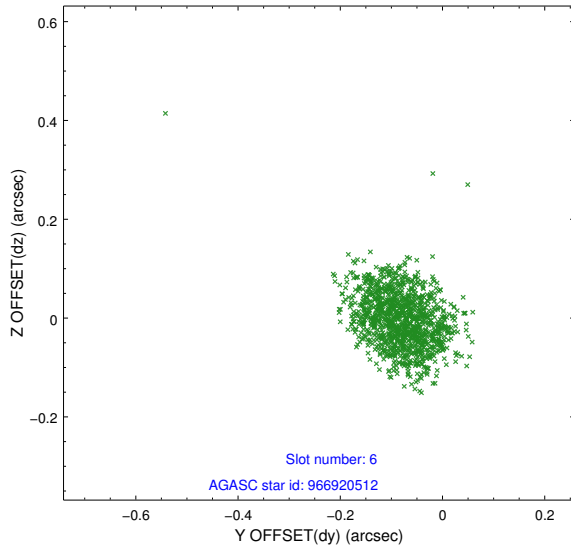
2.4.2 Slot 4



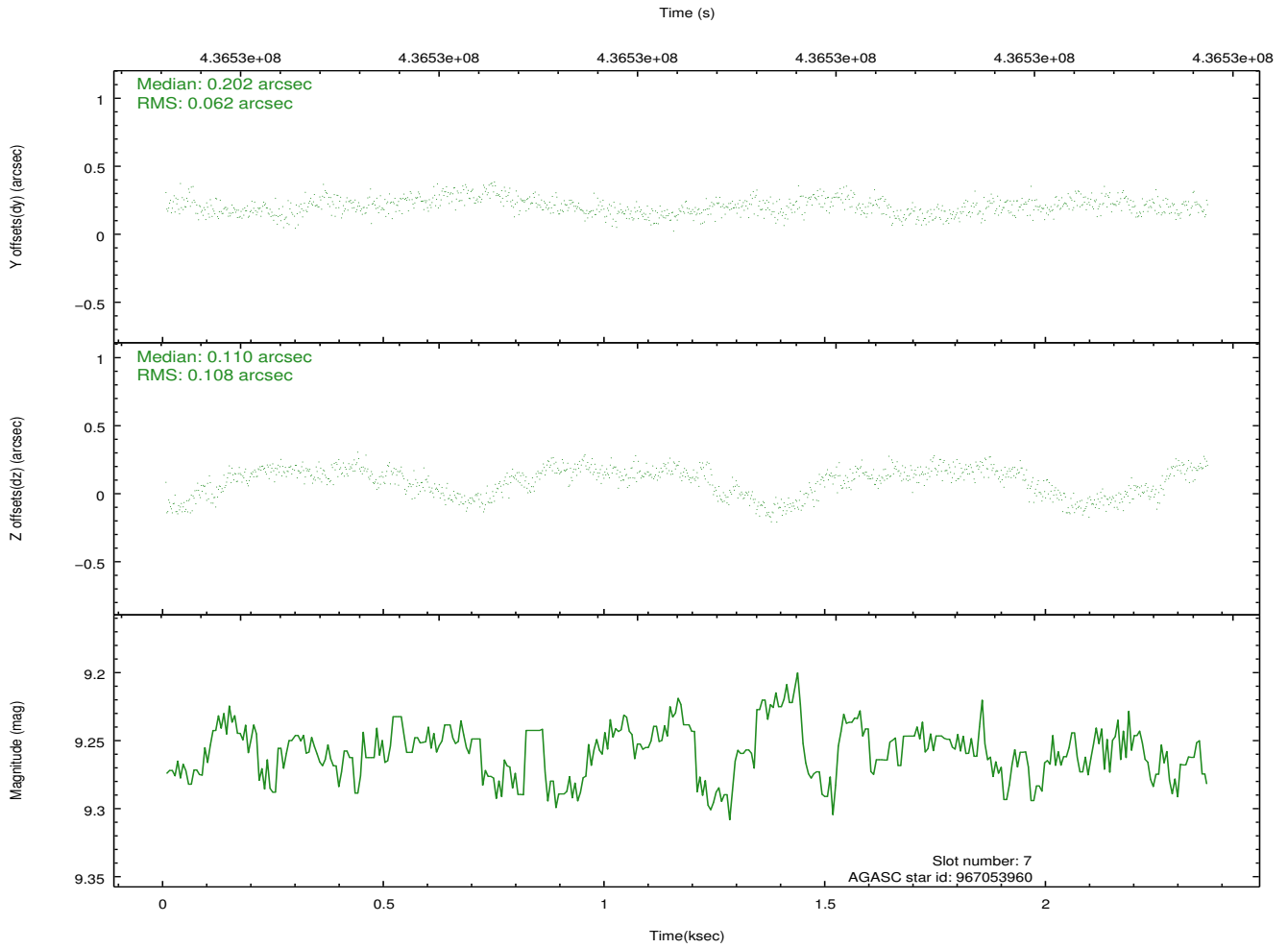
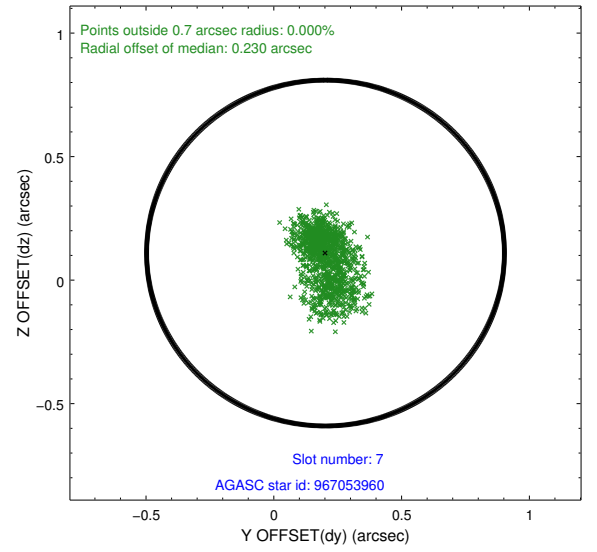
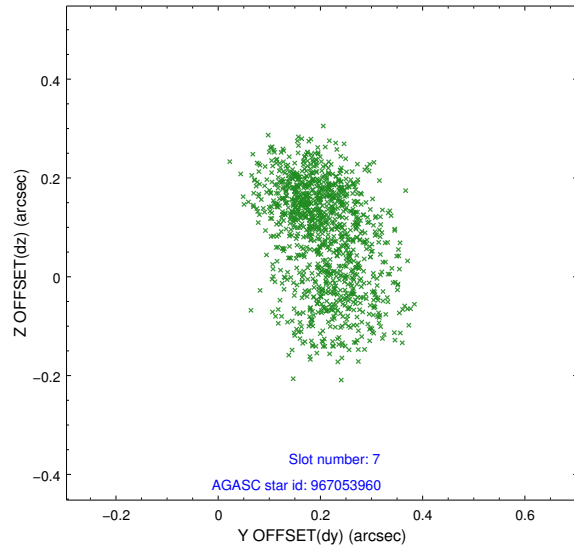
2.4.3 Slot 5



2.4.4 Slot 6

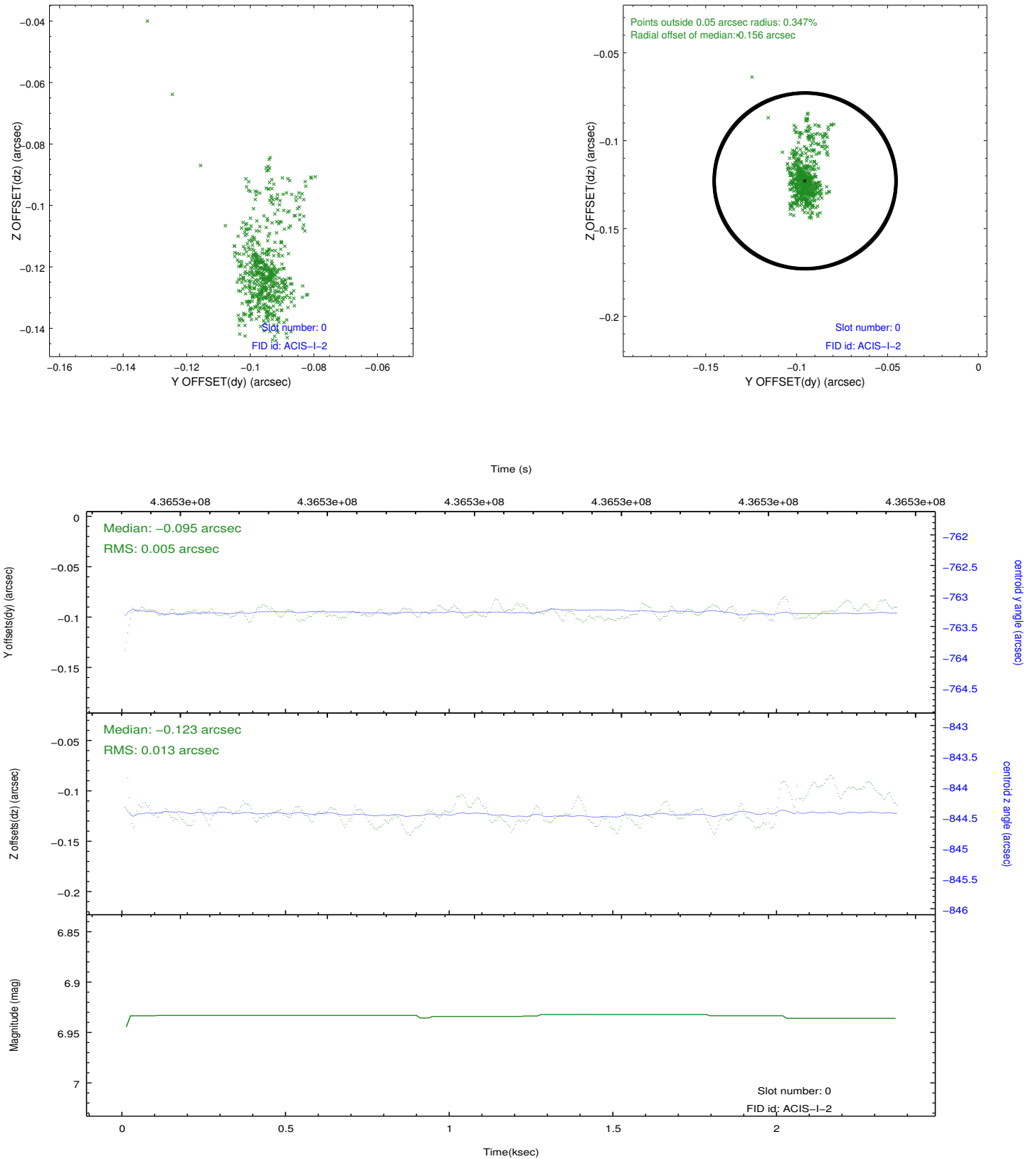


2.4.5 Slot 7

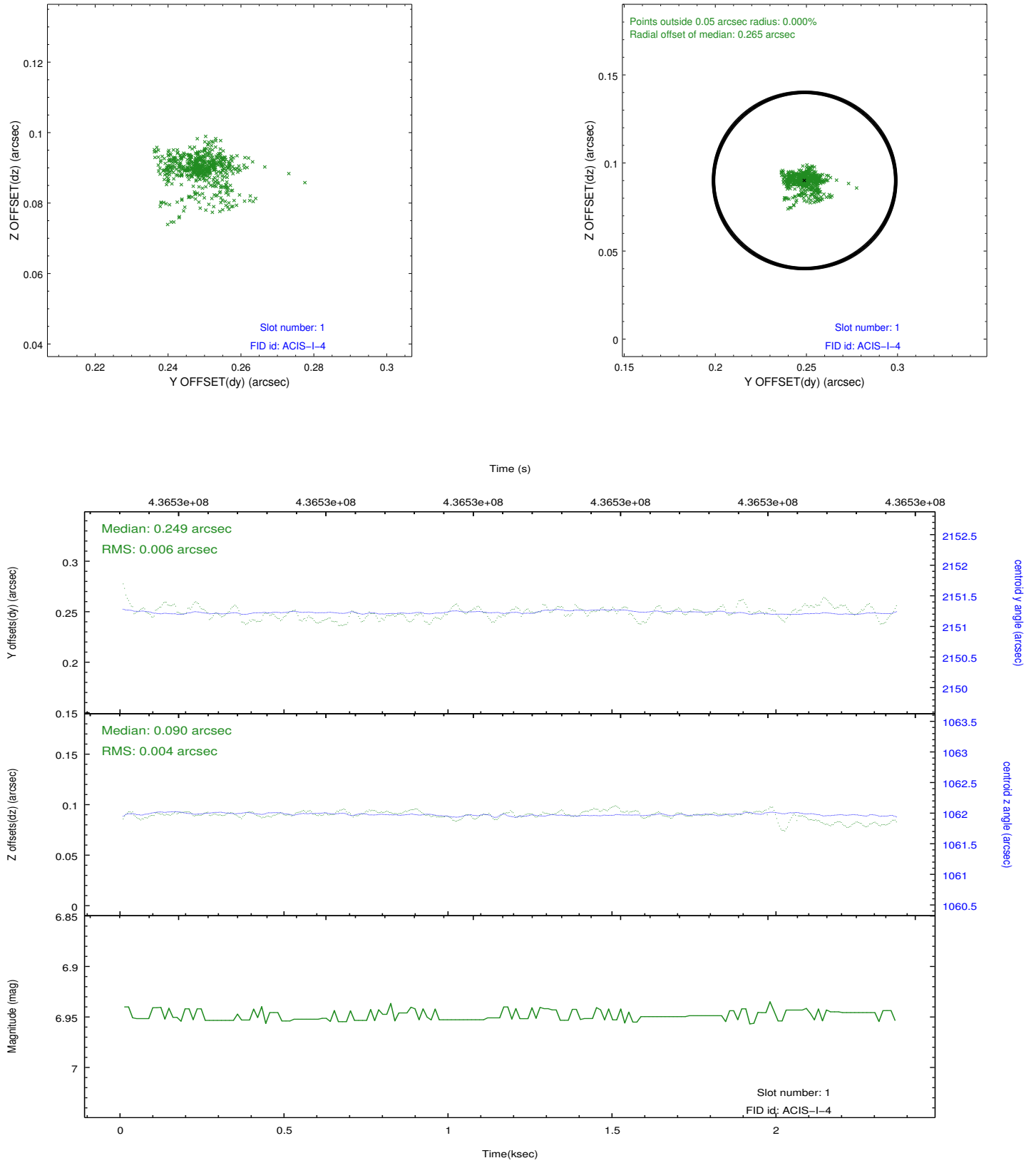


2.5 FID Slots

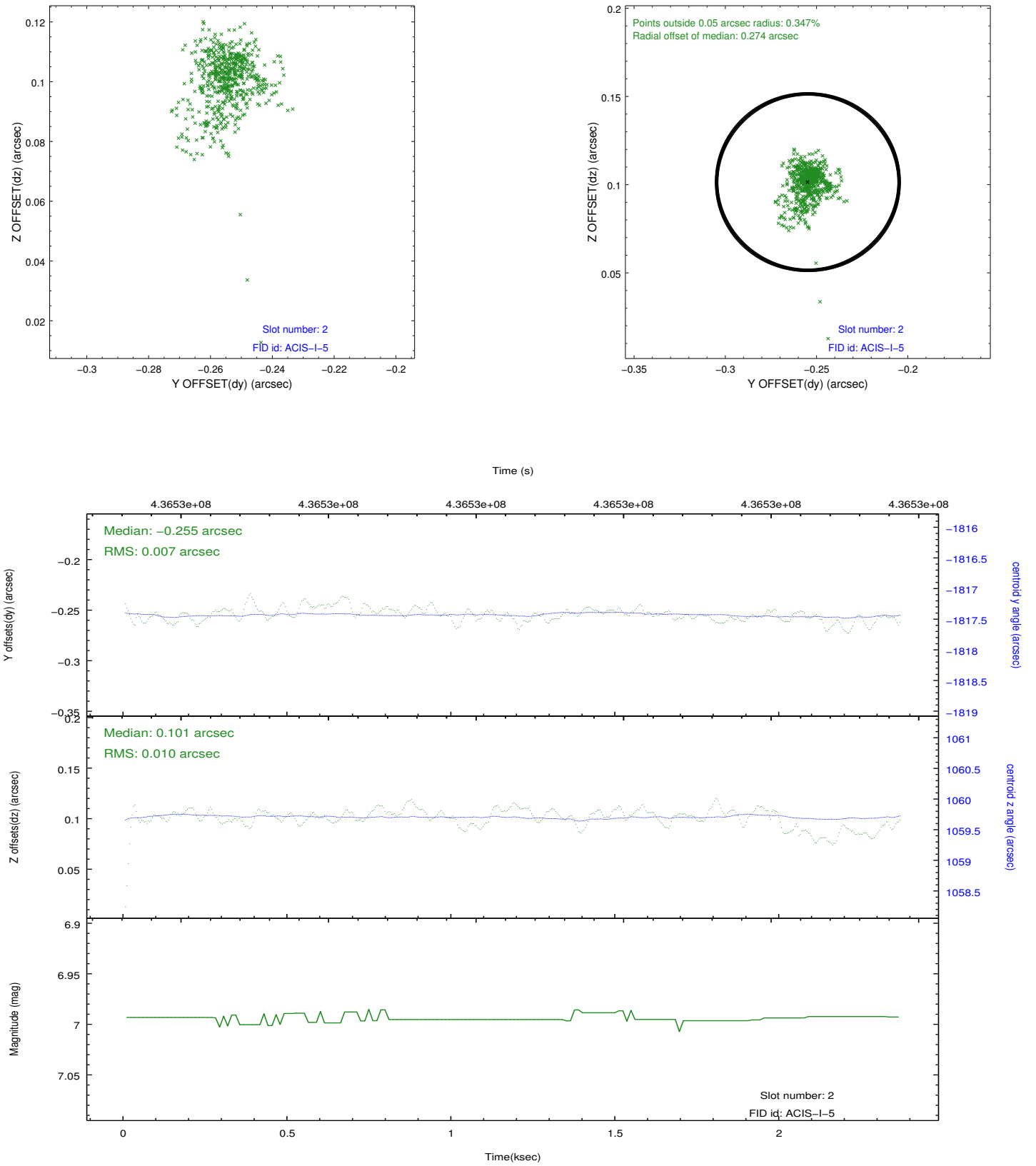
2.5.1 Slot 0



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