

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13567 - L2 Version 2
Chandra X-Ray Center

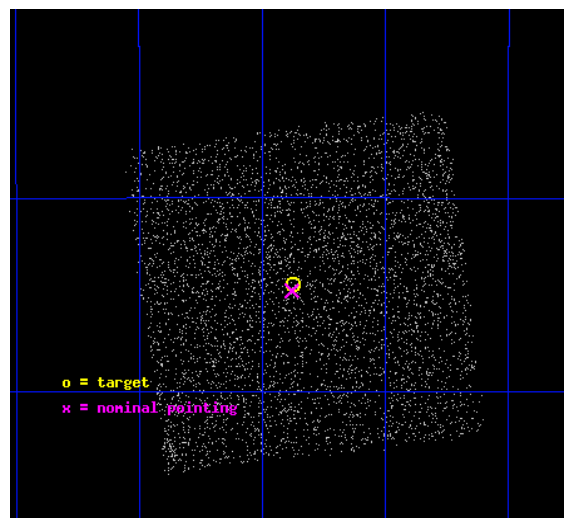
L2 Processing Date : Feb 25 2012

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1 Front

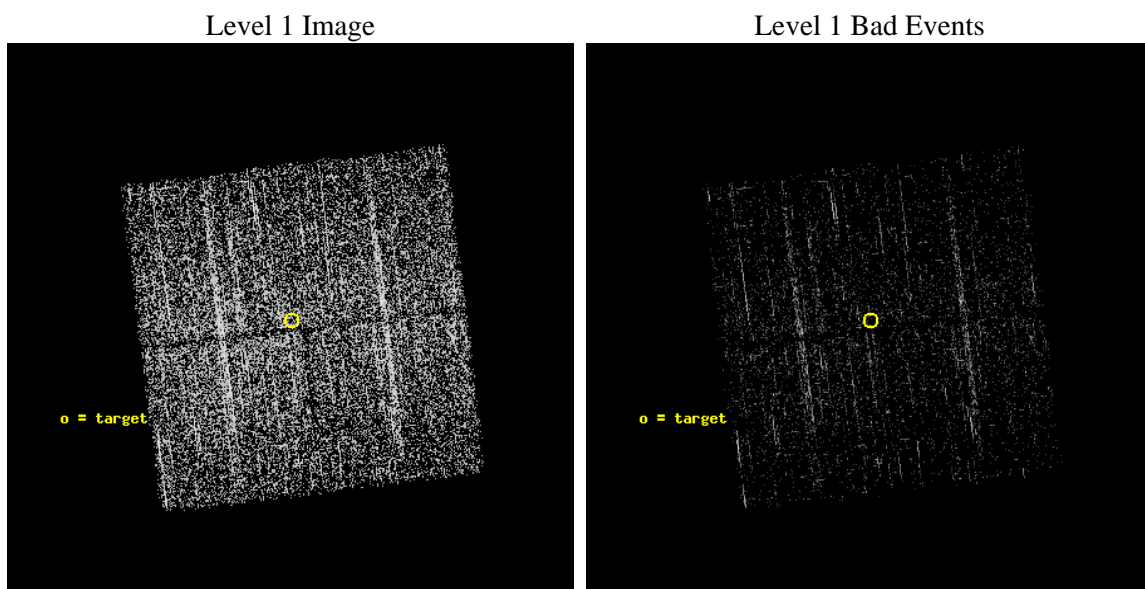
seq_num	401343	Sequence number
obs_id	13567	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.593098	Observer's specified target RA [deg]
dec_targ	-30.907587	Observer's specified target Dec [deg]
ra_nom	267.59493439712	Nominal RA [deg]
dec_nom	-30.913268240352	Nominal Dec [deg]
roll_nom	262.92301923287	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1973.7038134336	Sum of GTIs [s]
livetime	1947.9159200915	Livetime [s]
ontime0	1973.5807233453	Sum of GTIs [s]
ontime1	1973.6217633486	Sum of GTIs [s]
ontime2	1973.6628033519	Sum of GTIs [s]
ontime3	1973.7038134336	Sum of GTIs [s]
l2events	5406	Number of level 2 events



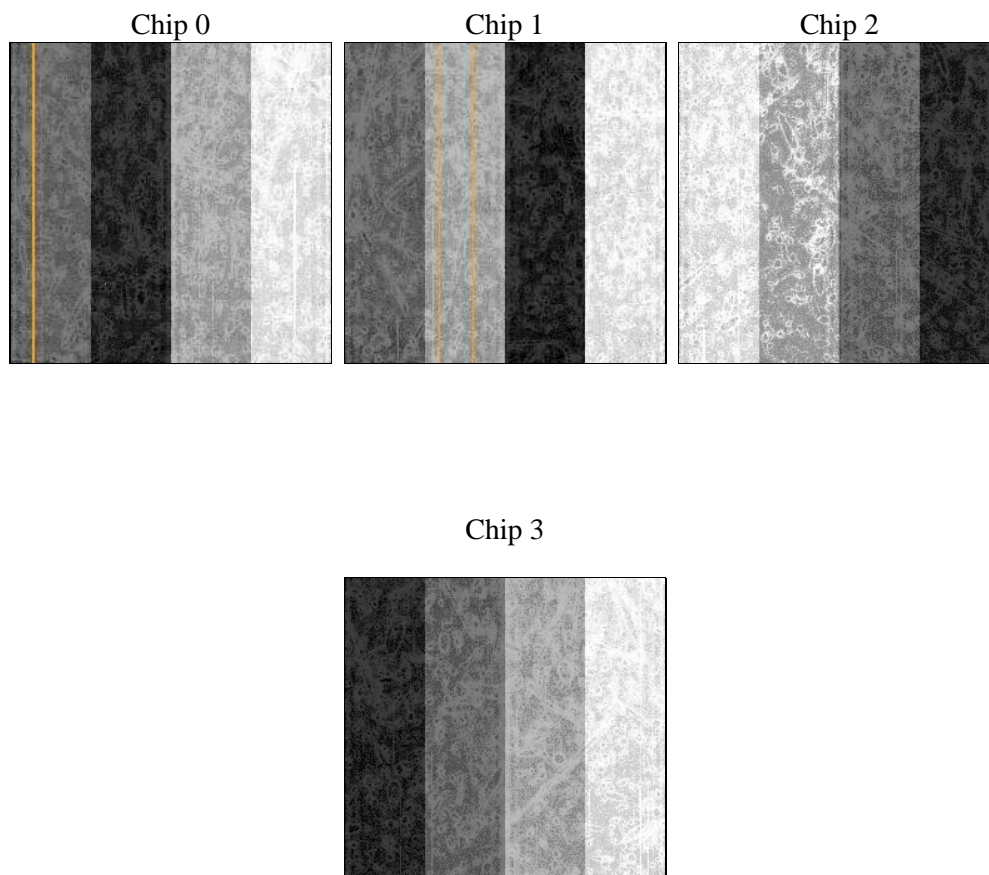
2 OBI

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	1973.7038134336	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1973.5807233453	Sum of GTIs [s]
date	2012-02-26T01:10:00	Date and time of file creation	ontime1	1973.6217633486	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1973.6628033519	Sum of GTIs [s]
			ontime3	1973.7038134336	Sum of GTIs [s]
			l1events	44130	Number of level 1 events

2.1.4 Events

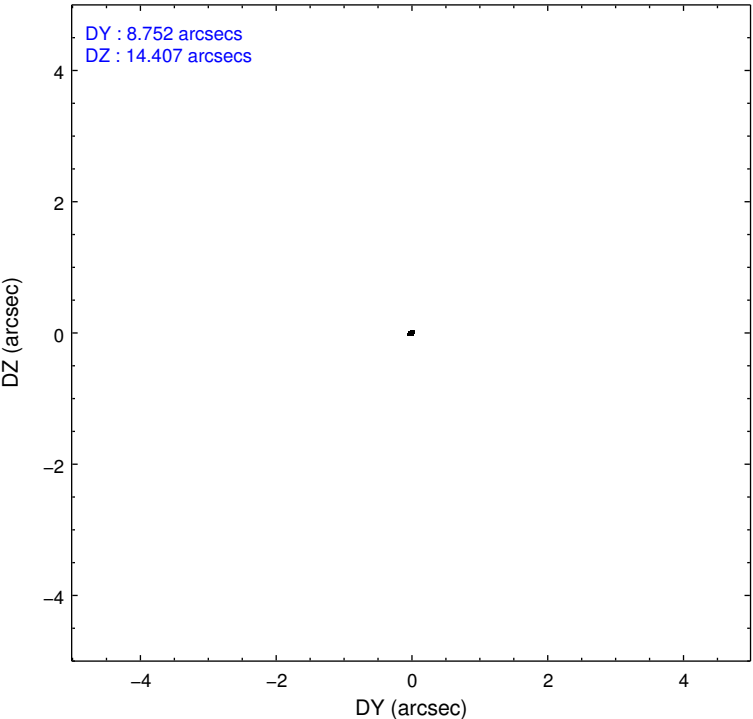
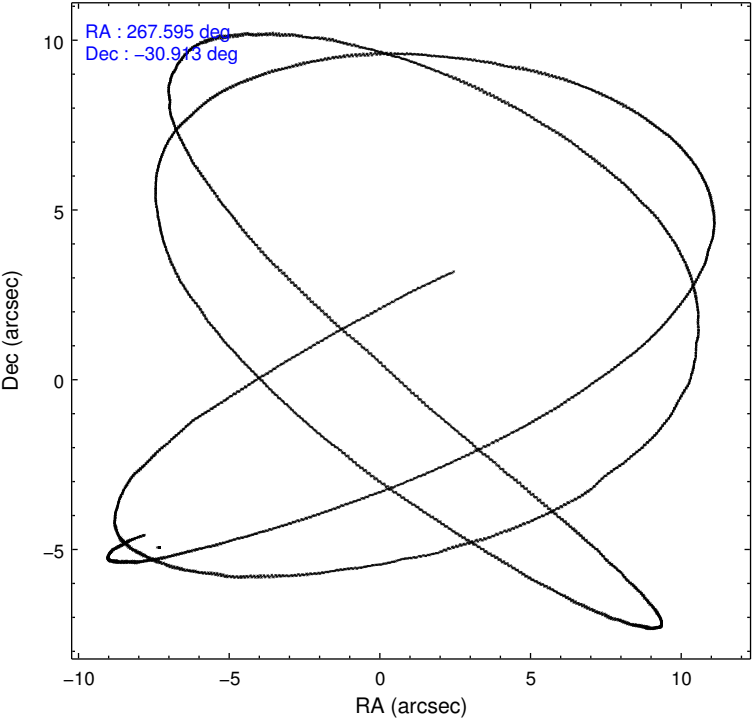
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	10159	10128	12182	11661
rejected events	8664	8357	10550	10198
rejected %	85%	82%	86%	87%

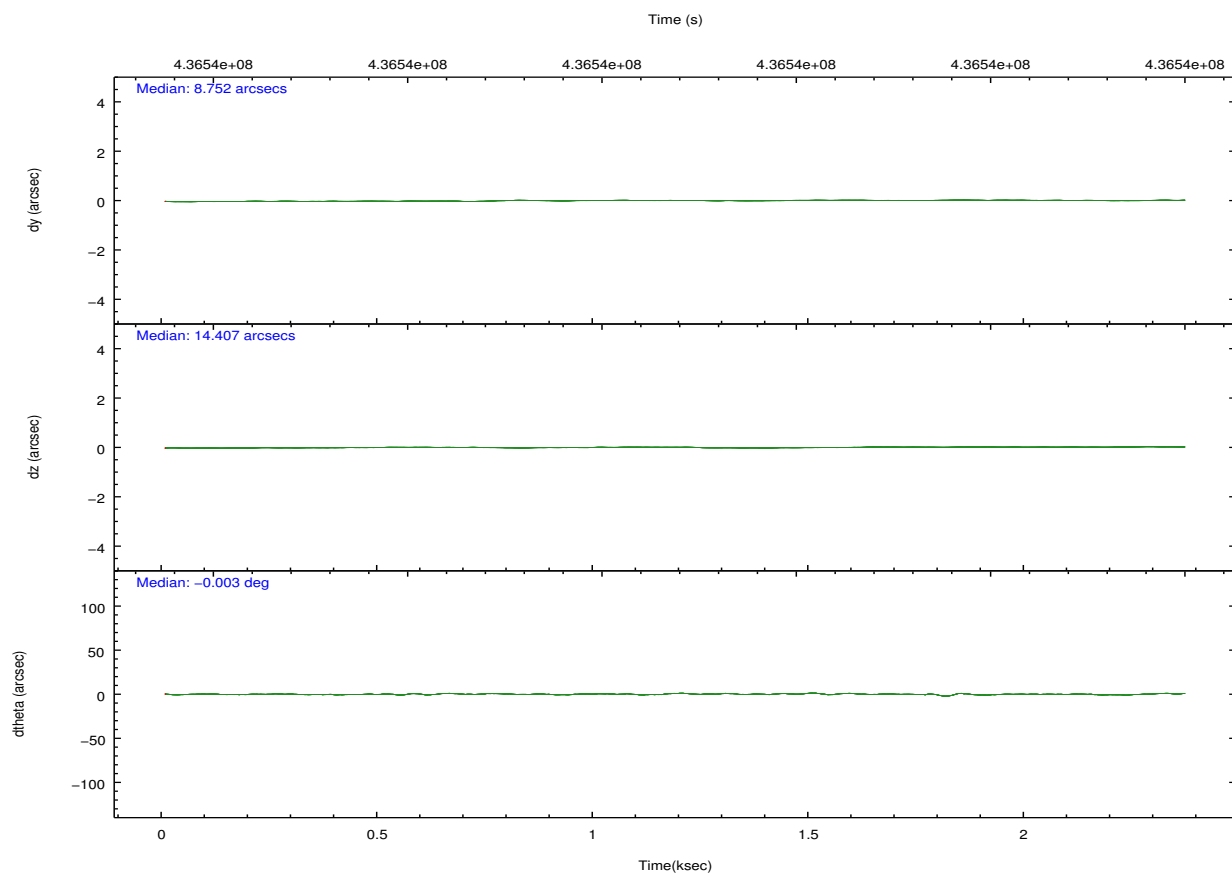
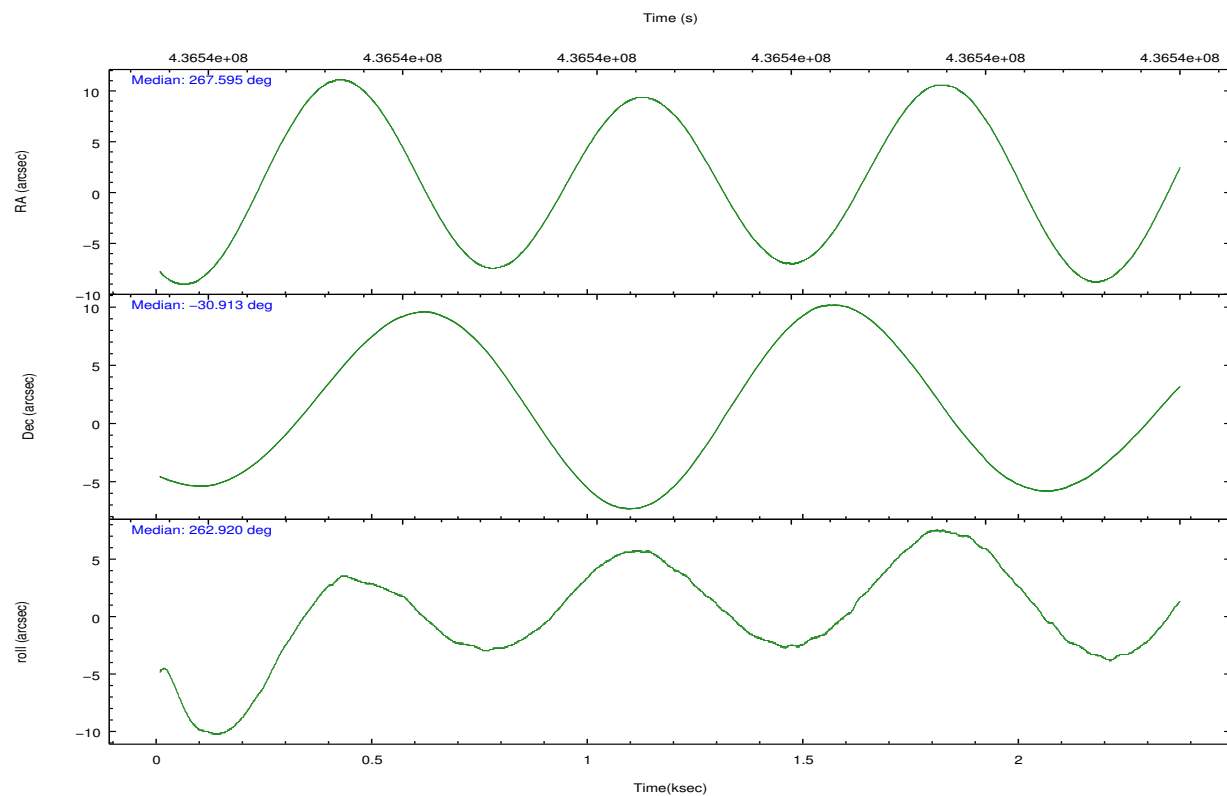
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	622	746	707	657
	6%	7%	5%	5%
grade 1 events	10	5	11	6
	0%	0%	0%	0%
grade 2 events	355	381	387	295
	3%	3%	3%	2%
grade 3 events	139	169	136	135
	1%	1%	1%	1%
grade 4 events	126	156	146	127
	1%	1%	1%	1%
grade 5 events	533	567	534	624
	5%	5%	4%	5%
grade 6 events	256	323	265	255
	2%	3%	2%	2%
grade 7 events	8118	7781	9996	9562
	79%	76%	82%	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	267.582532	267.5949343971182	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.887779	-30.91326824035212	Alternating exposures requested	N	N
[deg] Pointing Roll	262.707979	262.92301923287	[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)	436537699.184000	436537323.10777			
Observation start date	2011-11-01T12:27:13	2011-11-01T12:22:03			
[s] Observation end time (MET)	436539879.184000	436540012.70791			
Observation end date	2011-11-01T13:03:33	2011-11-01T13:06:52			
Read mode	TIMED	TIMED			

2.3 Aspect



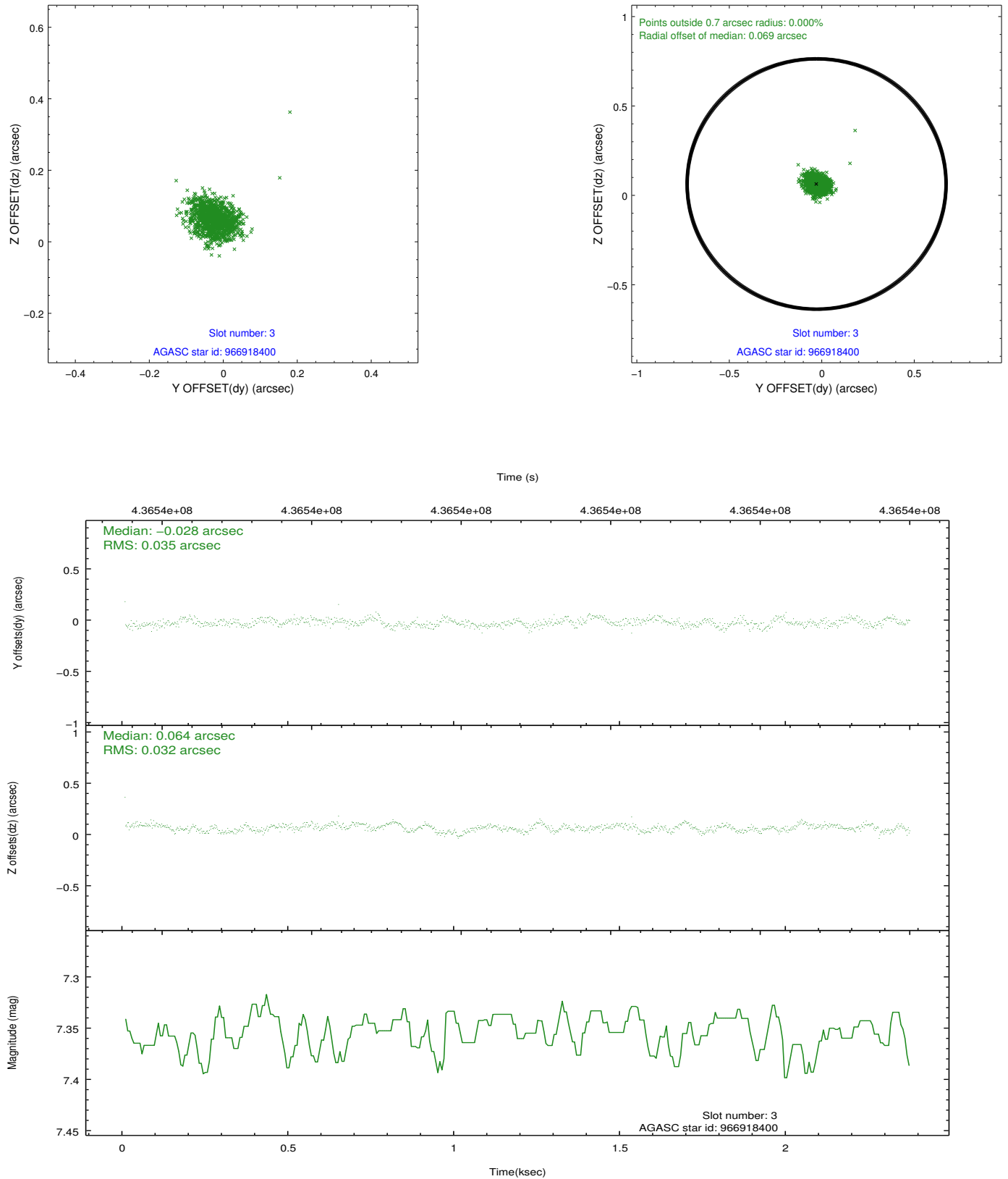


Slot Statistics

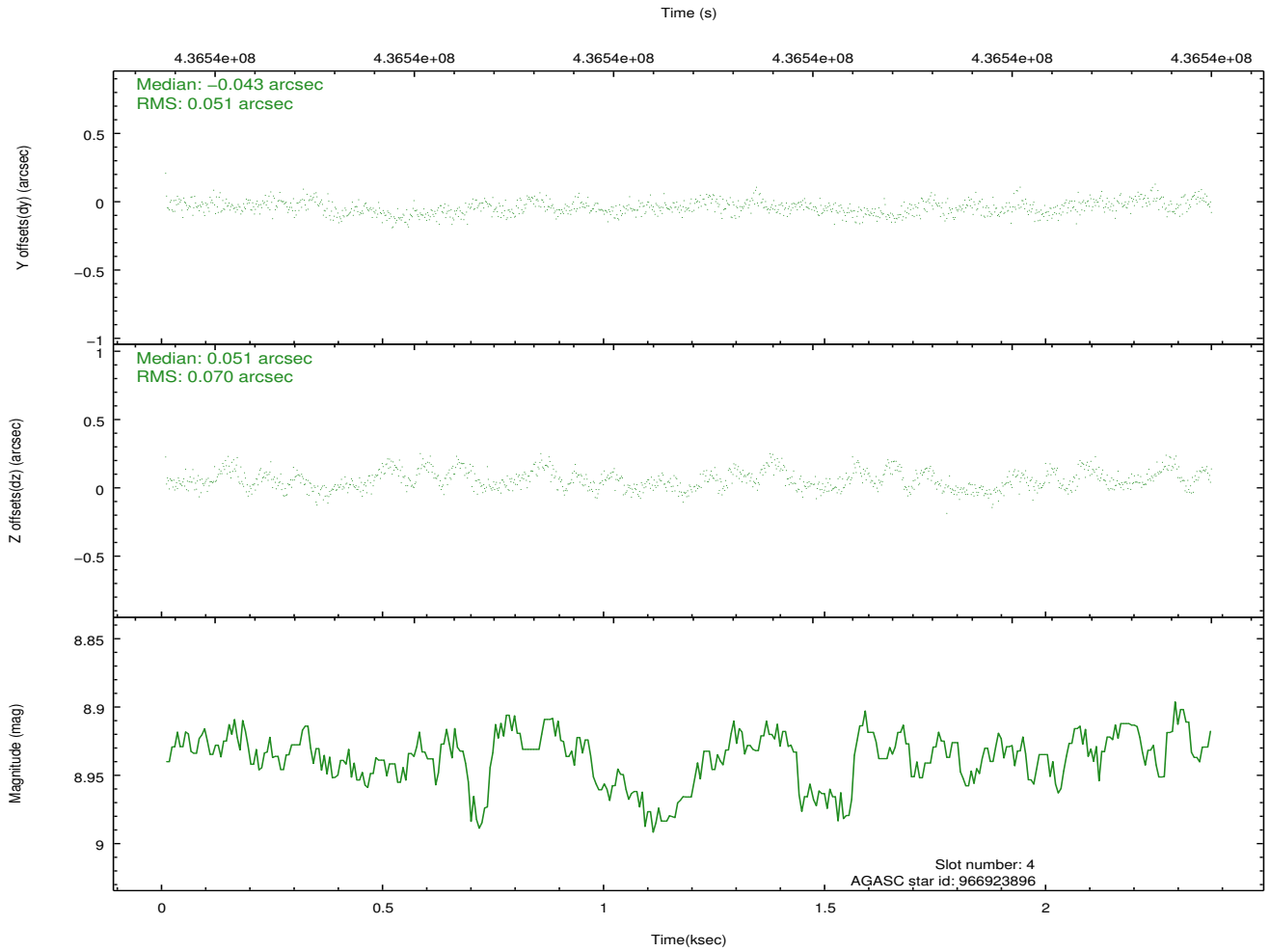
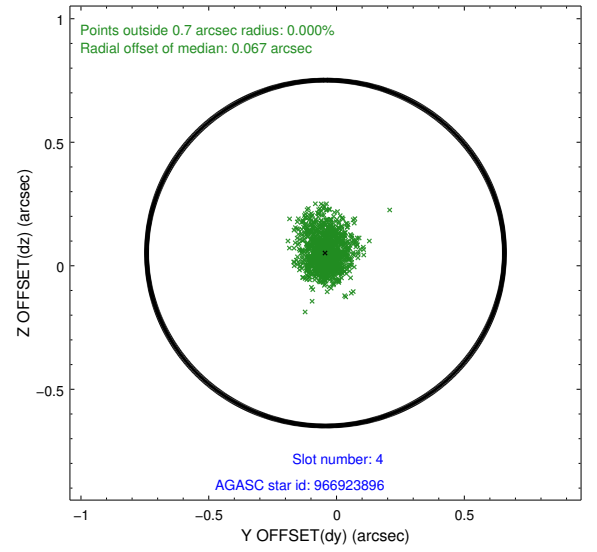
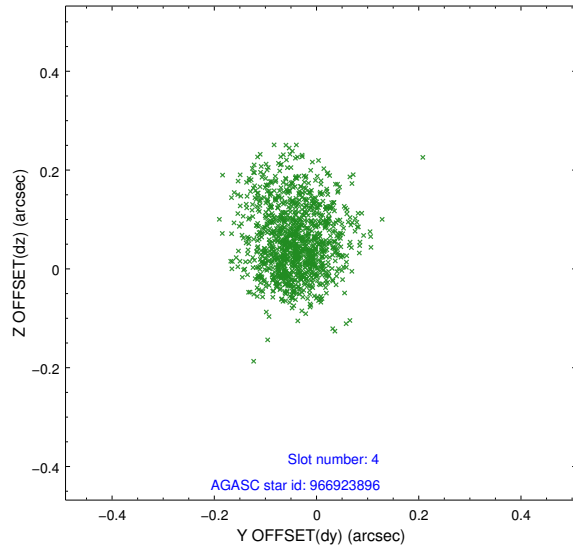
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.02	578	0.068	-0.029	0.006	0.011	0.000000	0.000000	930.96	-838.01
1	FID	ACIS-I-5	7.01	578	-0.228	0.067	0.006	0.009	0.000000	0.000000	-1815.94	1058.17
2	FID	ACIS-I-6	7.01	578	0.069	0.032	0.006	0.011	0.000000	0.000000	393.50	1705.77
3	GUIDE	966918400	7.35	1155	-0.028	0.064	0.050	0.077	267.537101	-30.960086	275.54	-105.32
4	GUIDE	966923896	8.93	1152	-0.043	0.051	0.092	0.154	267.026258	-30.213470	-2184.07	-2023.78
5	GUIDE	966927000	8.17	1155	0.267	-0.013	0.063	0.101	267.318997	-31.255021	1413.22	-637.57
6	GUIDE	966926496	8.10	1155	-0.140	-0.090	0.061	0.099	267.109389	-30.299474	-1910.17	-1727.78
7	GUIDE	967051912	8.46	1154	-0.058	-0.012	0.079	0.123	268.273969	-31.339032	1345.93	2315.07

2.4 Star Slots

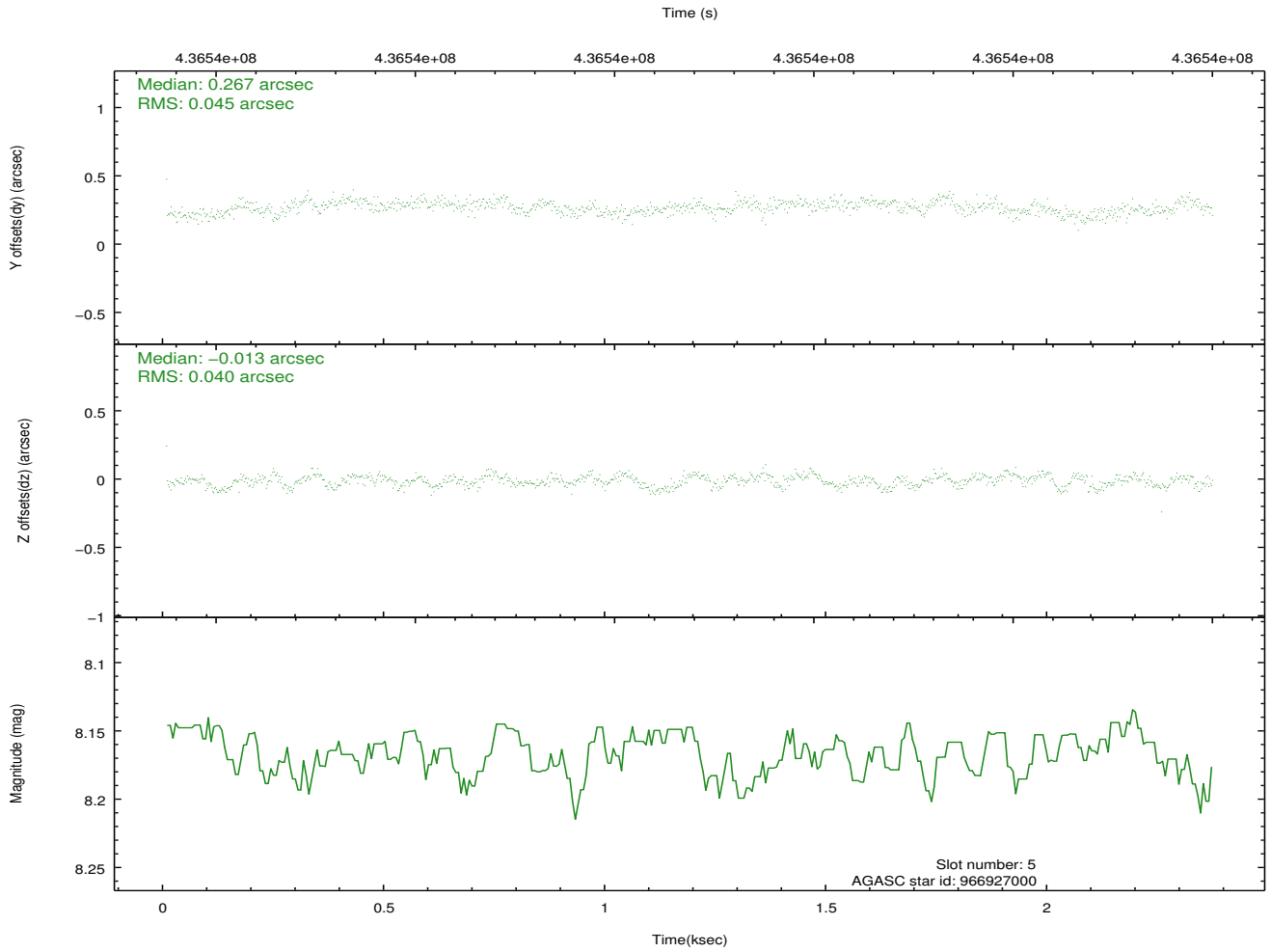
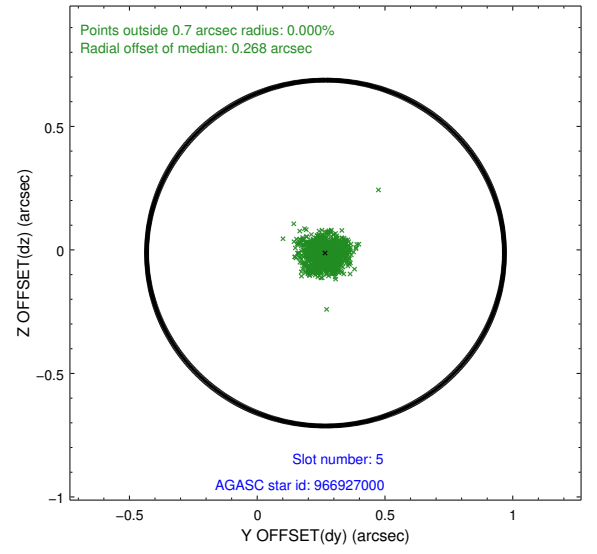
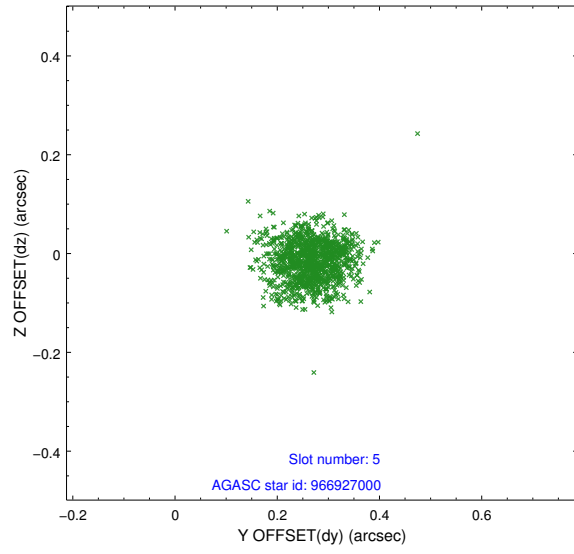
2.4.1 Slot 3



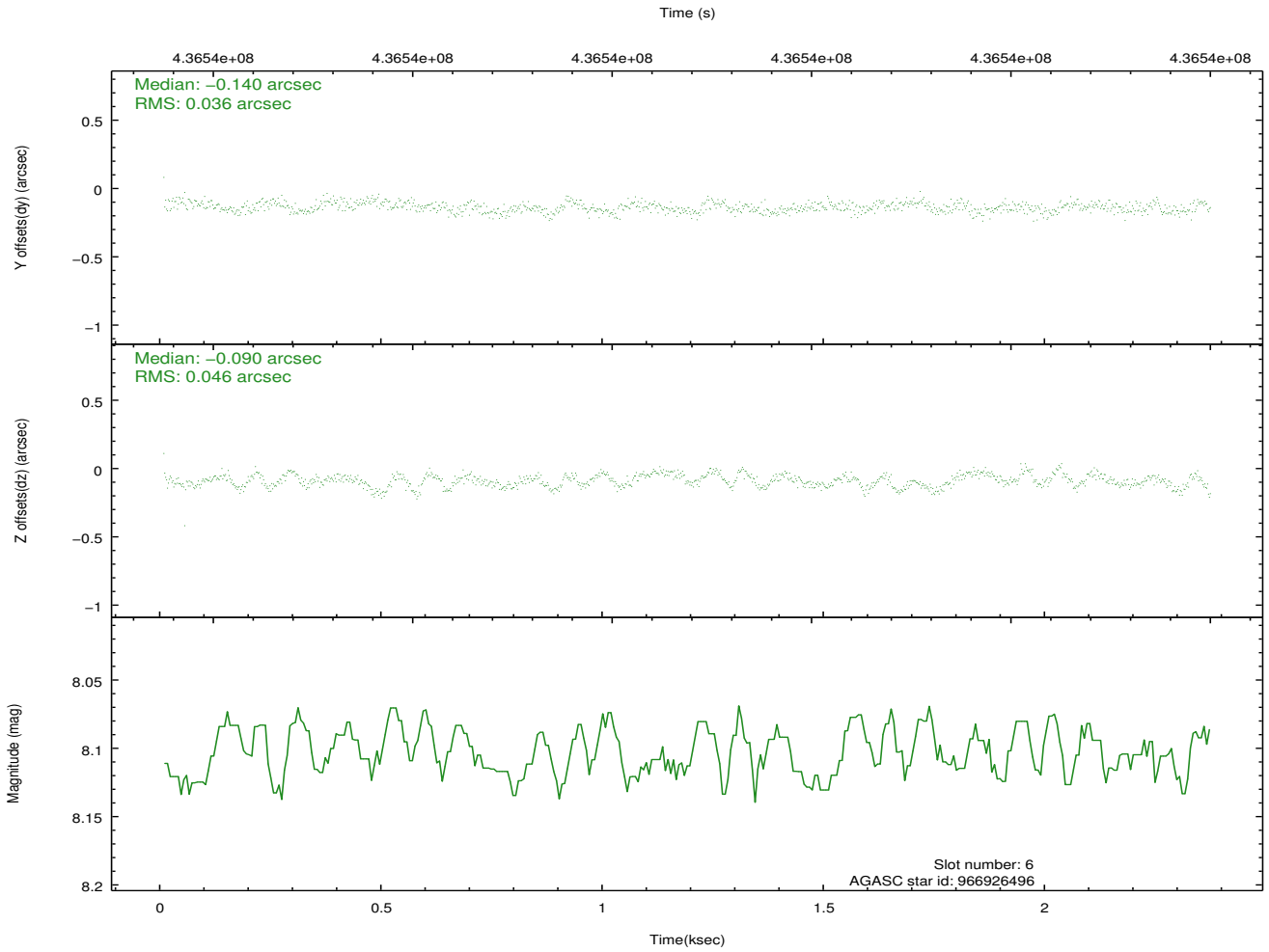
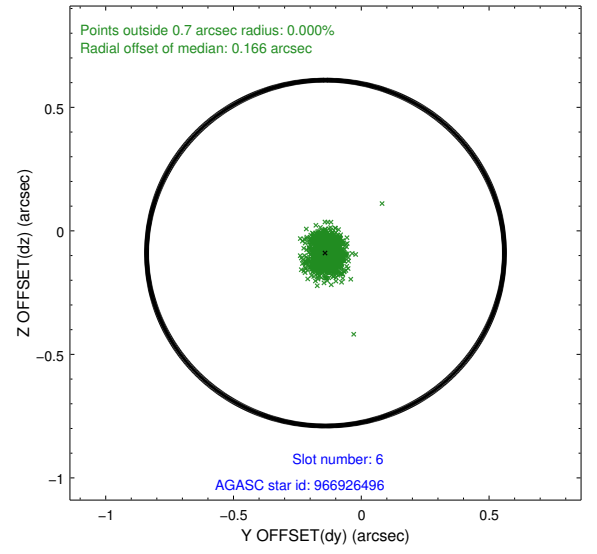
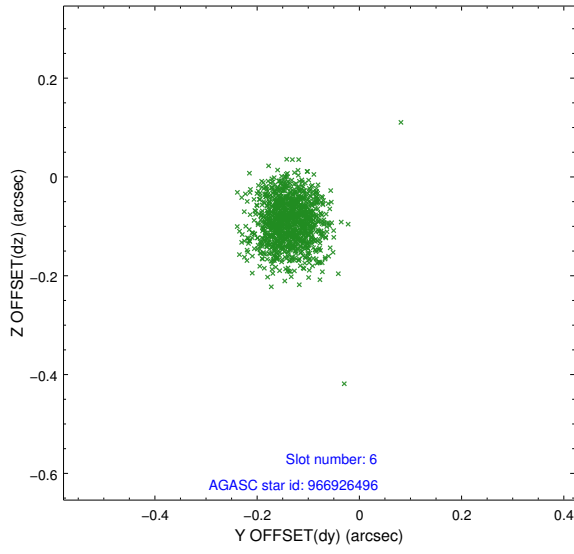
2.4.2 Slot 4



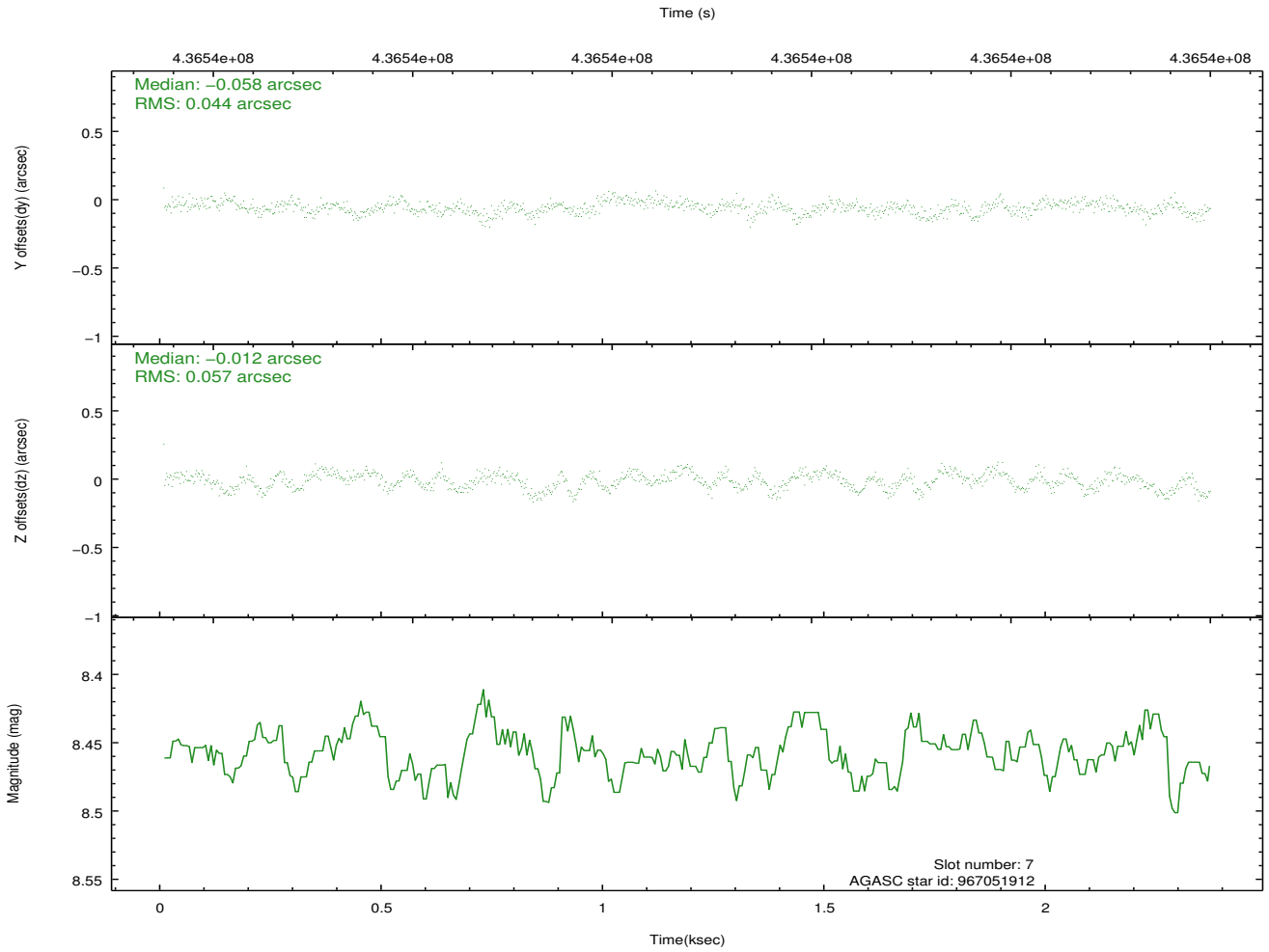
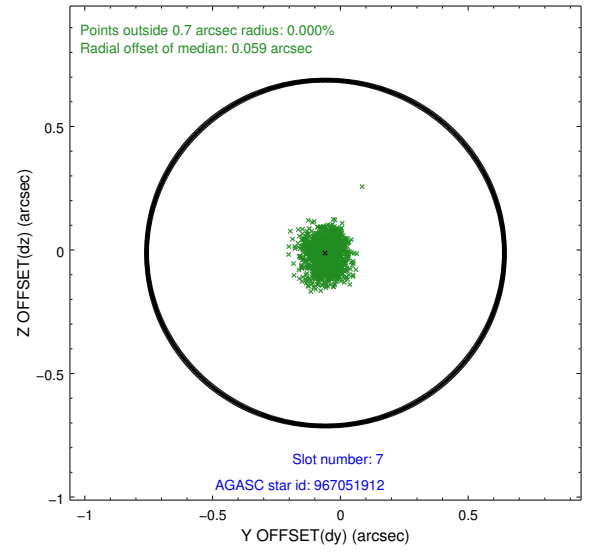
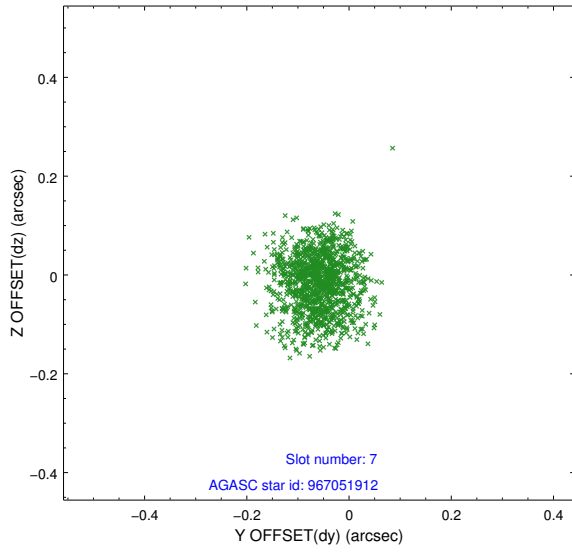
2.4.3 Slot 5



2.4.4 Slot 6

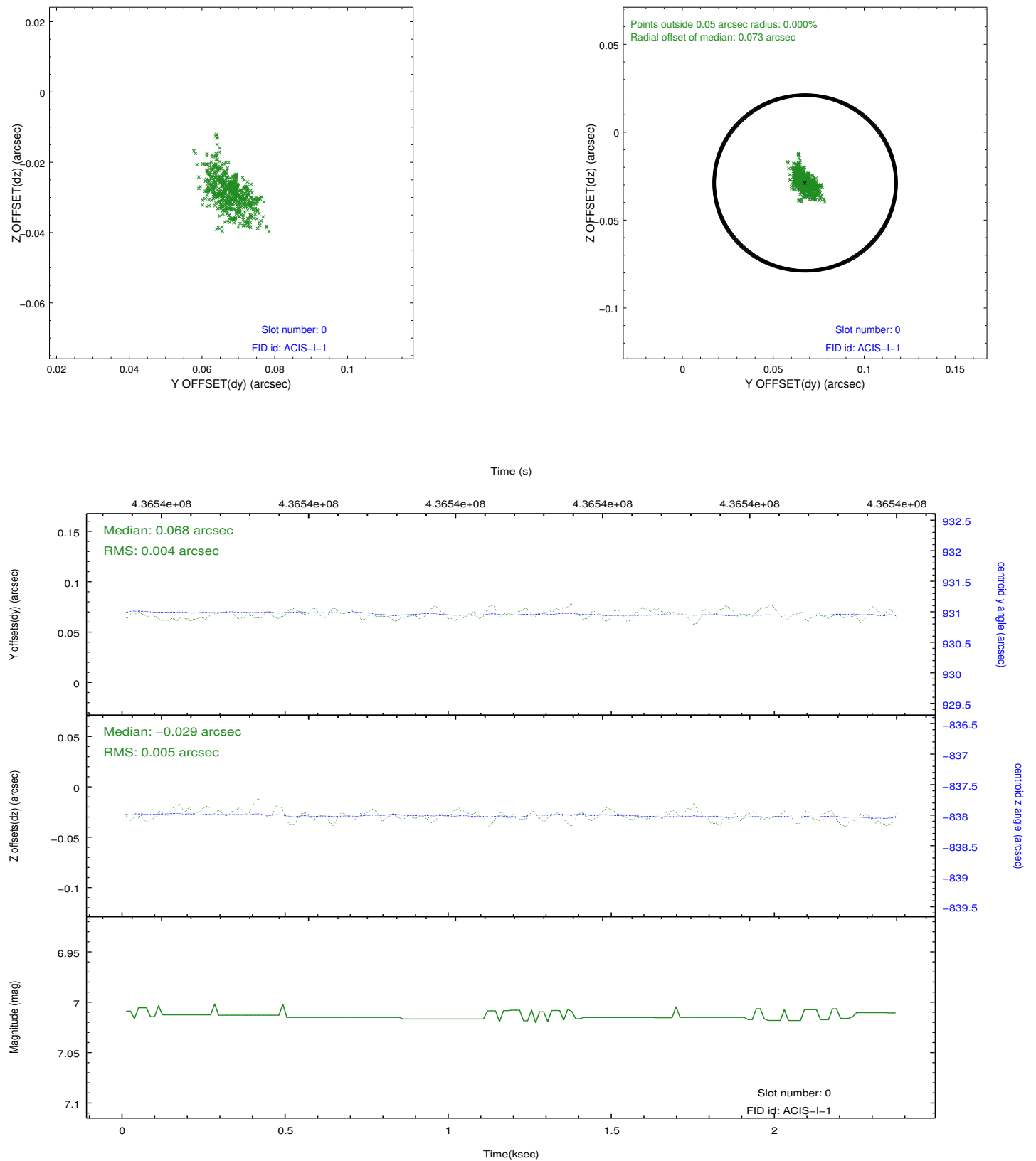


2.4.5 Slot 7

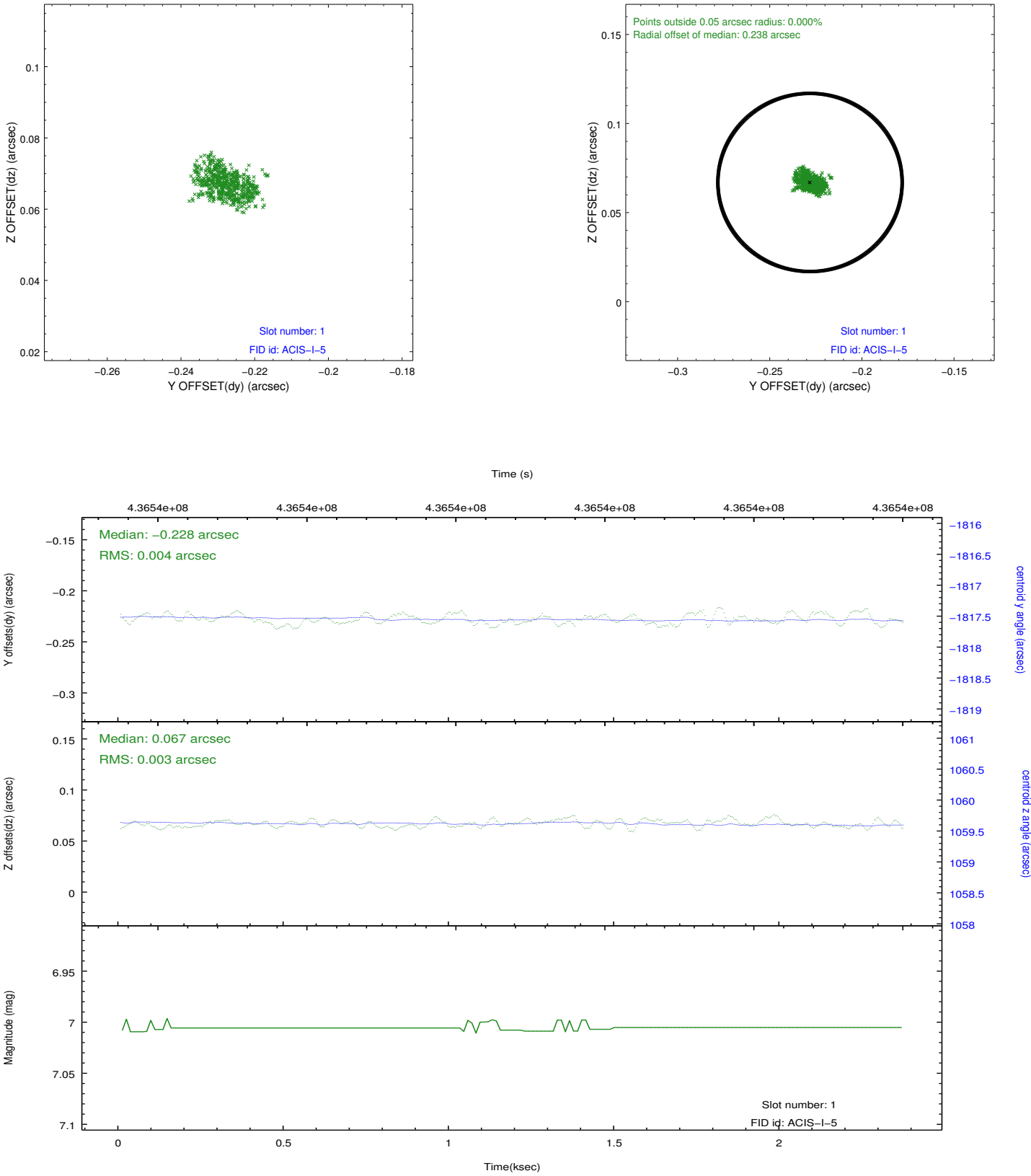


2.5 FID Slots

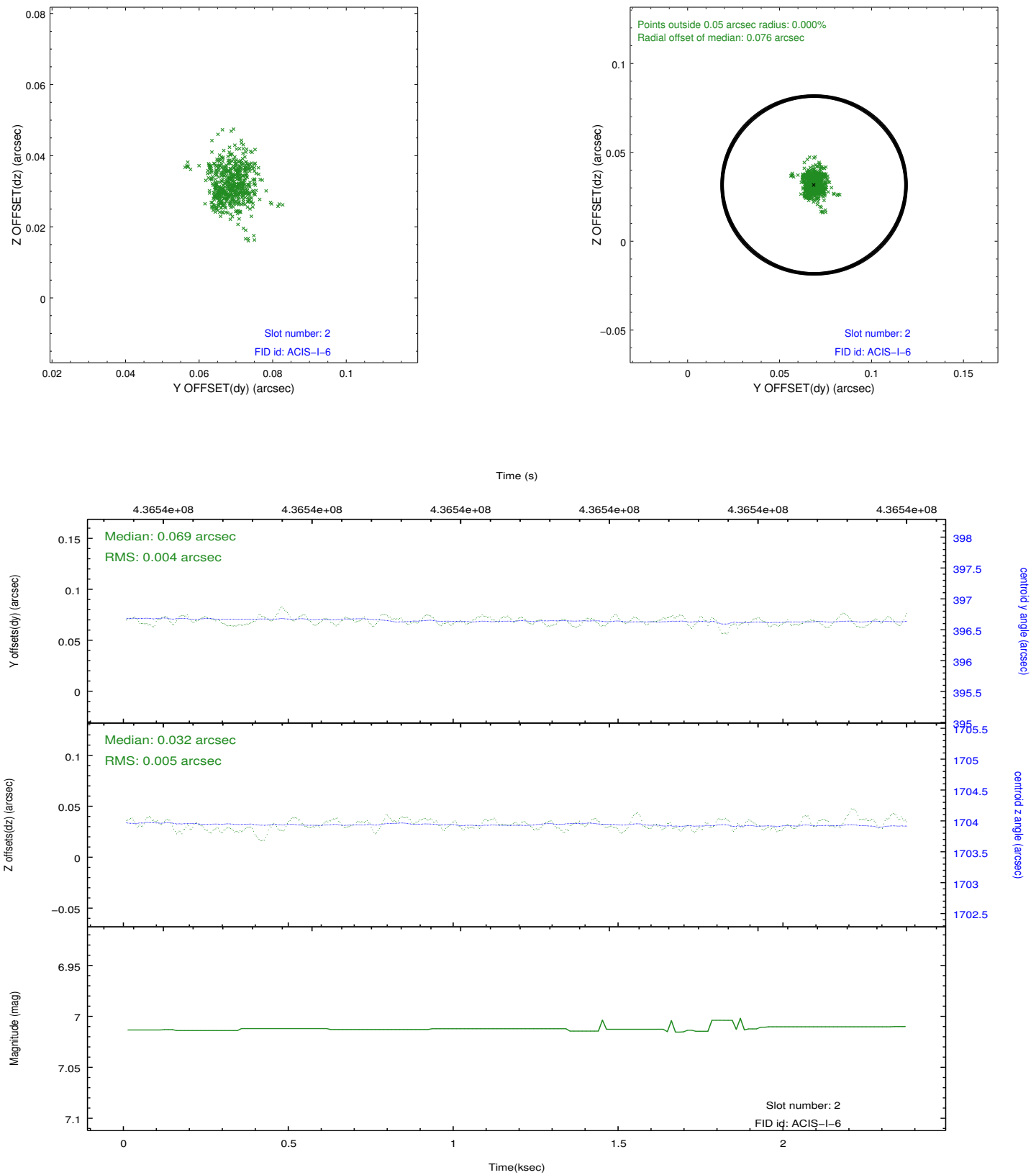
2.5.1 Slot 0



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	1.9737038124204

A.2 Comments

Joint Proposal: NOAO