

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11610 - L2 Version 2
Chandra X-Ray Center

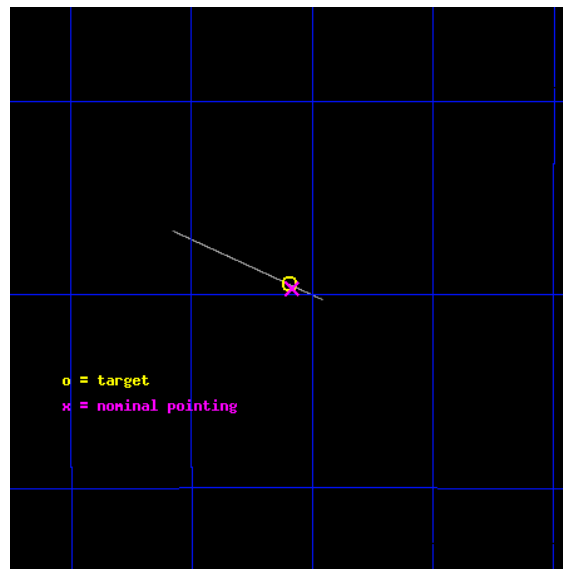
L2 Processing Date : Jun 26 2012

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1 Front

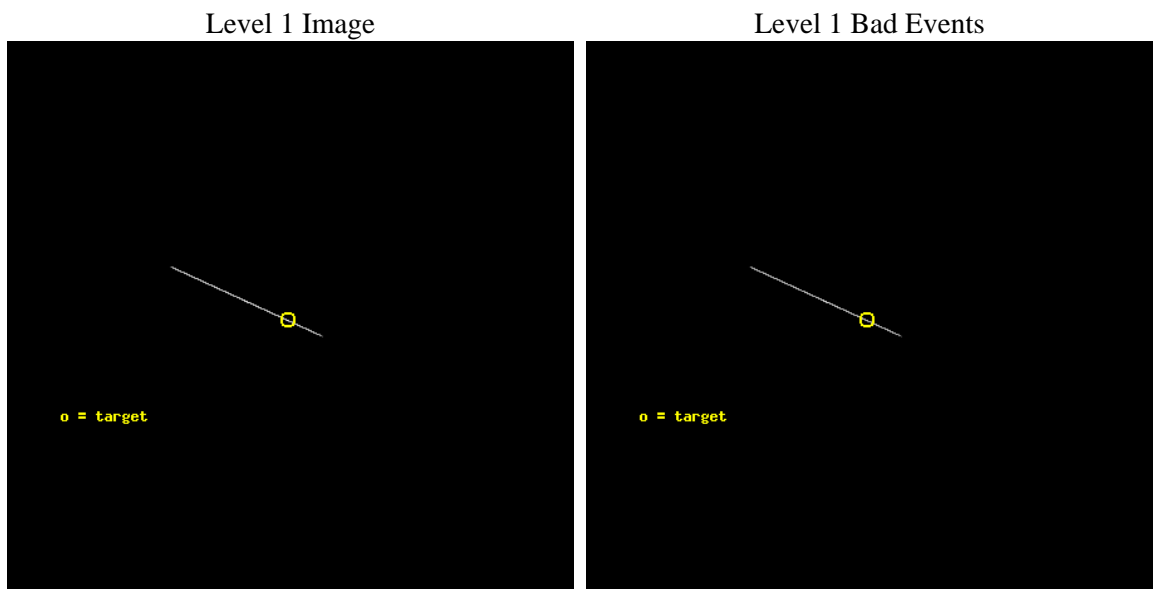
seq_num	702196	Sequence number
obs_id	11610	Observation id
title	The nature of the variable X-ray absorber in ESO 362-G18	Proposal
observer	Giovanni Miniutti	Principal investigator
object	ESO 362-G18	Source name
ra_targ	79.899167	Observer's specified target RA [deg]
dec_targ	-32.657778	Observer's specified target Dec [deg]
ra_nom	79.896010976953	Nominal RA [deg]
dec_nom	-32.661823862199	Nominal Dec [deg]
roll_nom	204.36394338243	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10127.0	Sum of GTIs [s]
livetime	10087.44140625	Livetime [s]
ontime7	10127.0	Sum of GTIs [s]
l2events	50768	Number of level 2 events



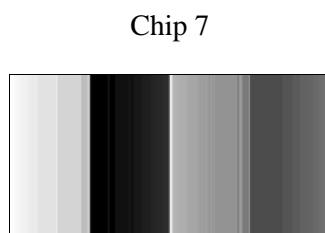
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10127.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	10127.0	Sum of GTIs [s]
date	2012-06-26T01:49:46	Date and time of file creation	l1events	150053	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

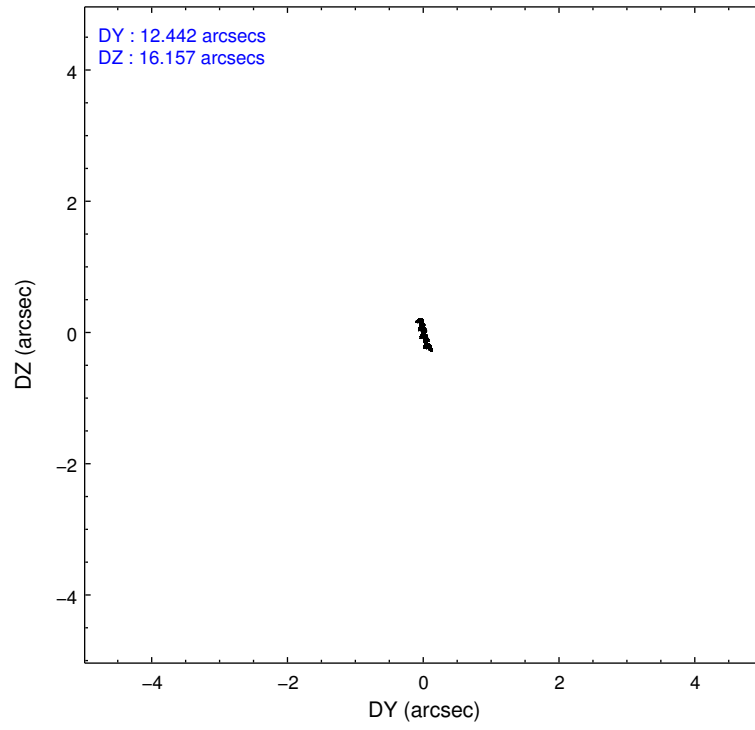
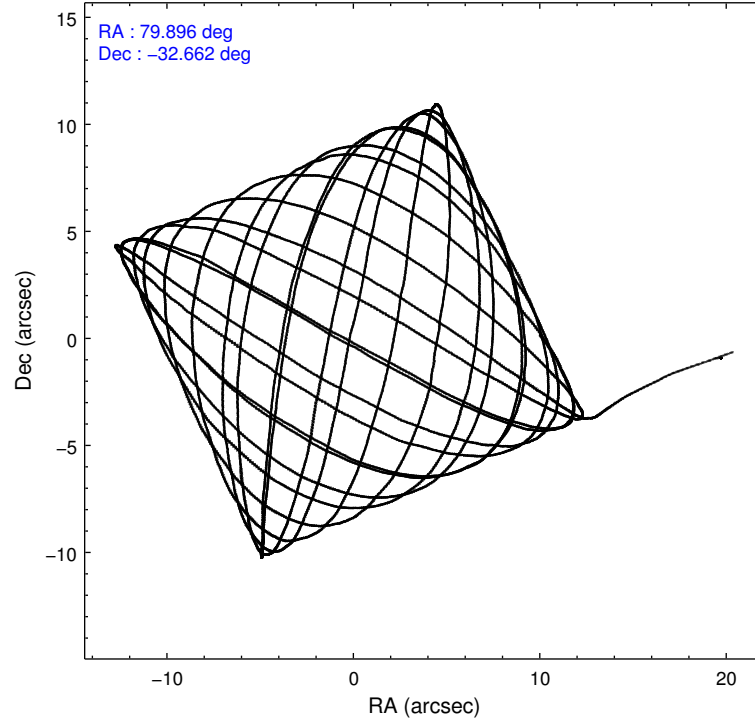
	ccd 7
level 1 events	150053
rejected events	97172
rejected %	64%

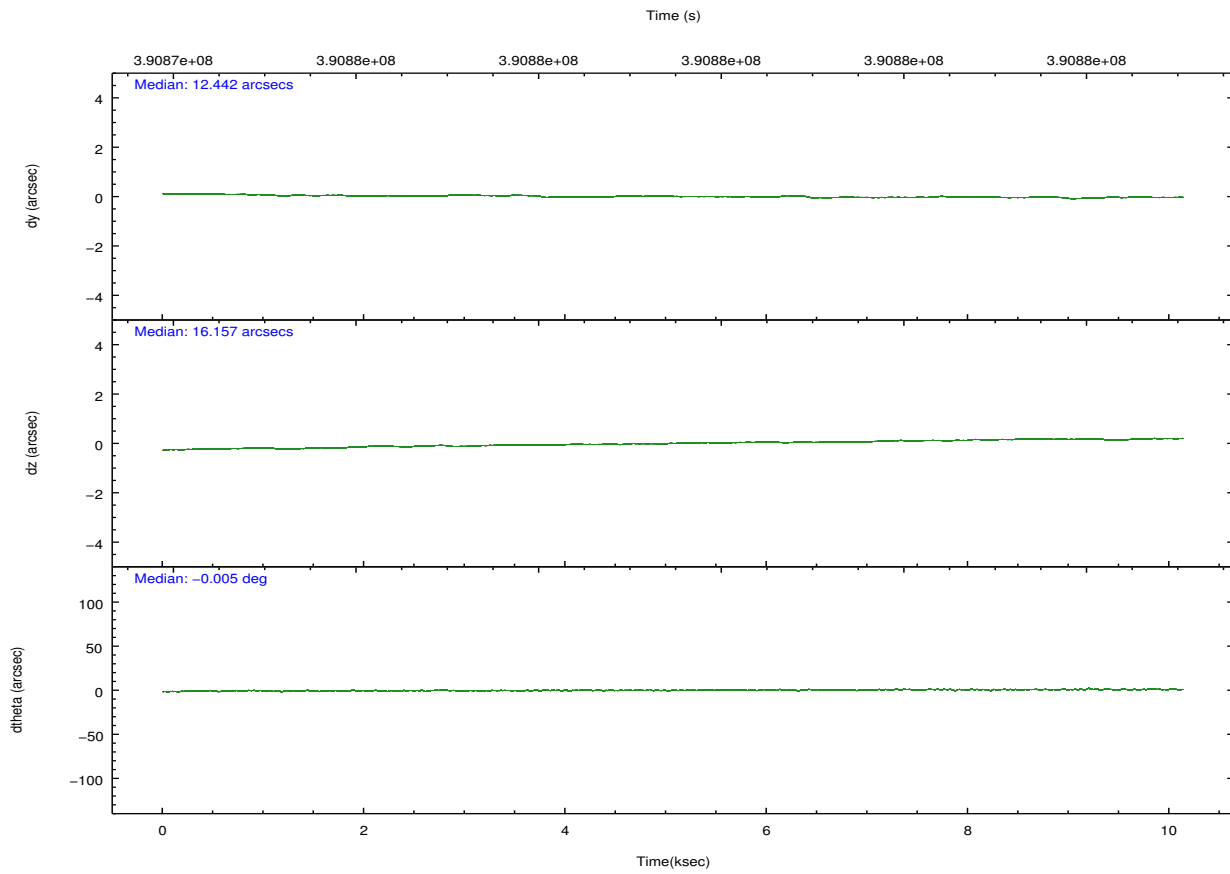
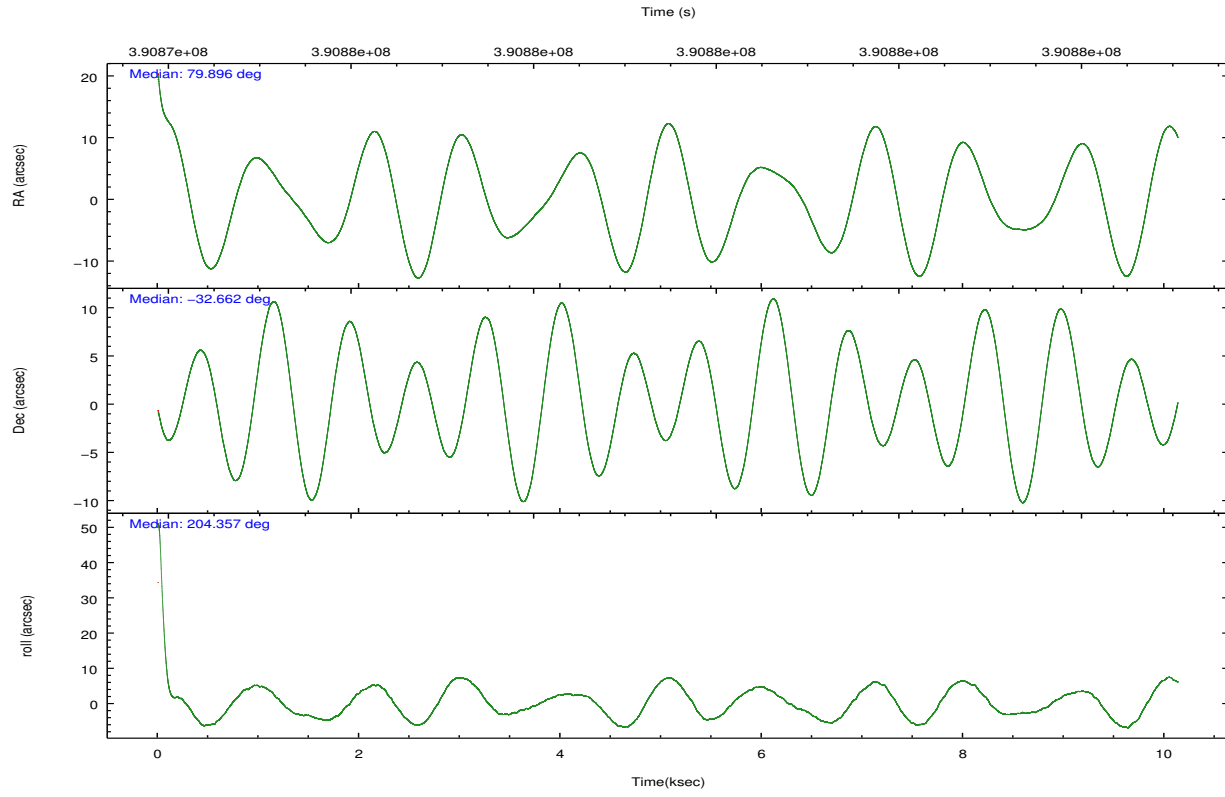
	ccd 7
grade 0 events	5996
	3%
grade 1 events	155
	0%
grade 2 events	14047
	9%
grade 3 events	3381
	2%
grade 4 events	3443
	2%
grade 5 events	9821
	6%
grade 6 events	26567
	17%
grade 7 events	86643
	57%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	79.914504	79.89601097695342	Subarray requested	NONE	NONE
[deg] Pointing Dec	-32.639368	-32.66182386219907	Alternating exposures requested	N	N
[deg] Pointing Roll	204.217239	204.3639433824304	[s] Primary exposure time	0.000000	0
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	390874542.184000	390872812.82982			
Observation start date	2010-05-22T00:14:36	2010-05-21T23:46:52			
[s] Observation end time (MET)	390884542.184000	390885237.36795			
Observation end date	2010-05-22T03:01:16	2010-05-22T03:13:57			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



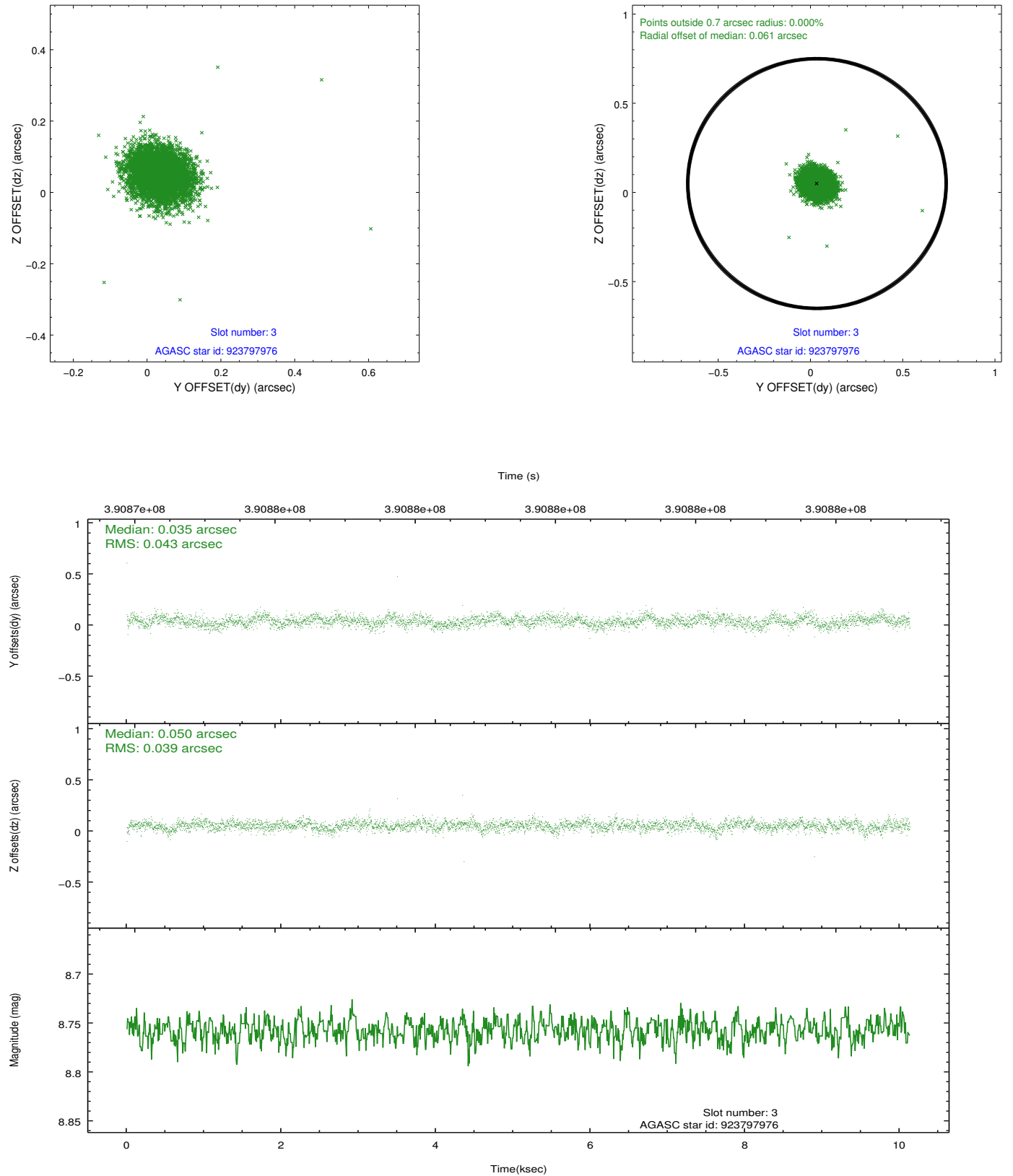


Slot Statistics

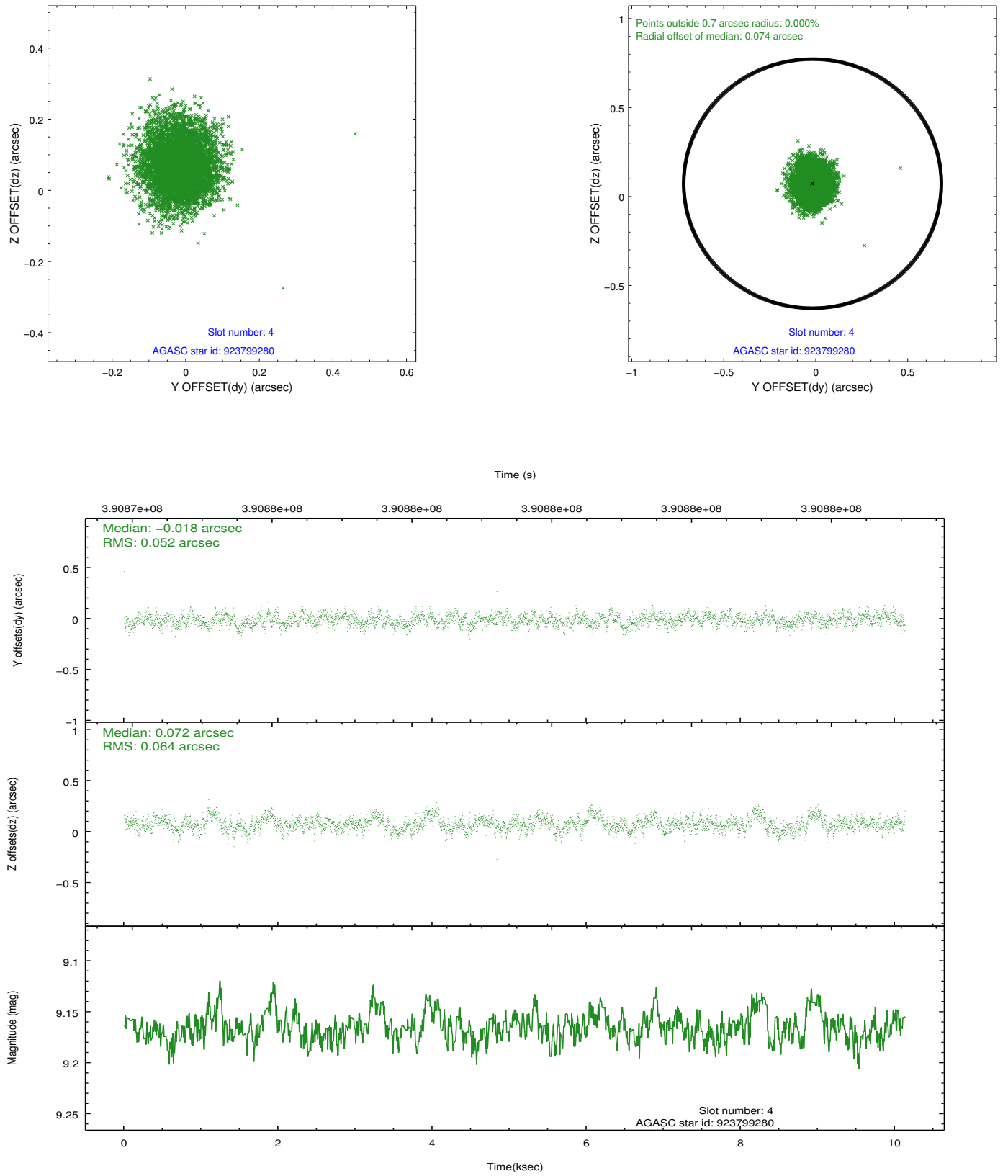
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.97	2472	0.057	-0.084	0.008	0.014	0.000000	0.000000	930.73	-1733.28
1	FID	ACIS-S-4	6.97	2472	0.103	0.035	0.007	0.012	0.000000	0.000000	2148.48	170.46
2	FID	ACIS-S-5	7.00	2472	-0.186	0.061	0.007	0.011	0.000000	0.000000	-1817.71	164.67
3	GUIDE	923797976	8.76	4941	0.035	0.050	0.060	0.099	79.531597	-32.443563	773.17	-1117.85
4	GUIDE	923799280	9.17	4934	-0.018	0.072	0.088	0.141	80.234023	-31.921546	-1949.19	-1955.18
5	GUIDE	924195696	8.88	4934	0.148	0.036	0.082	0.133	79.532624	-33.441289	2231.25	2164.30
6	GUIDE	923797728	8.59	4939	-0.039	0.056	0.069	0.114	79.694448	-31.988137	-347.59	-2412.49
7	GUIDE	924192560	7.78	4942	-0.126	-0.210	0.063	0.100	80.544313	-32.539454	-1888.30	460.44

2.4 Star Slots

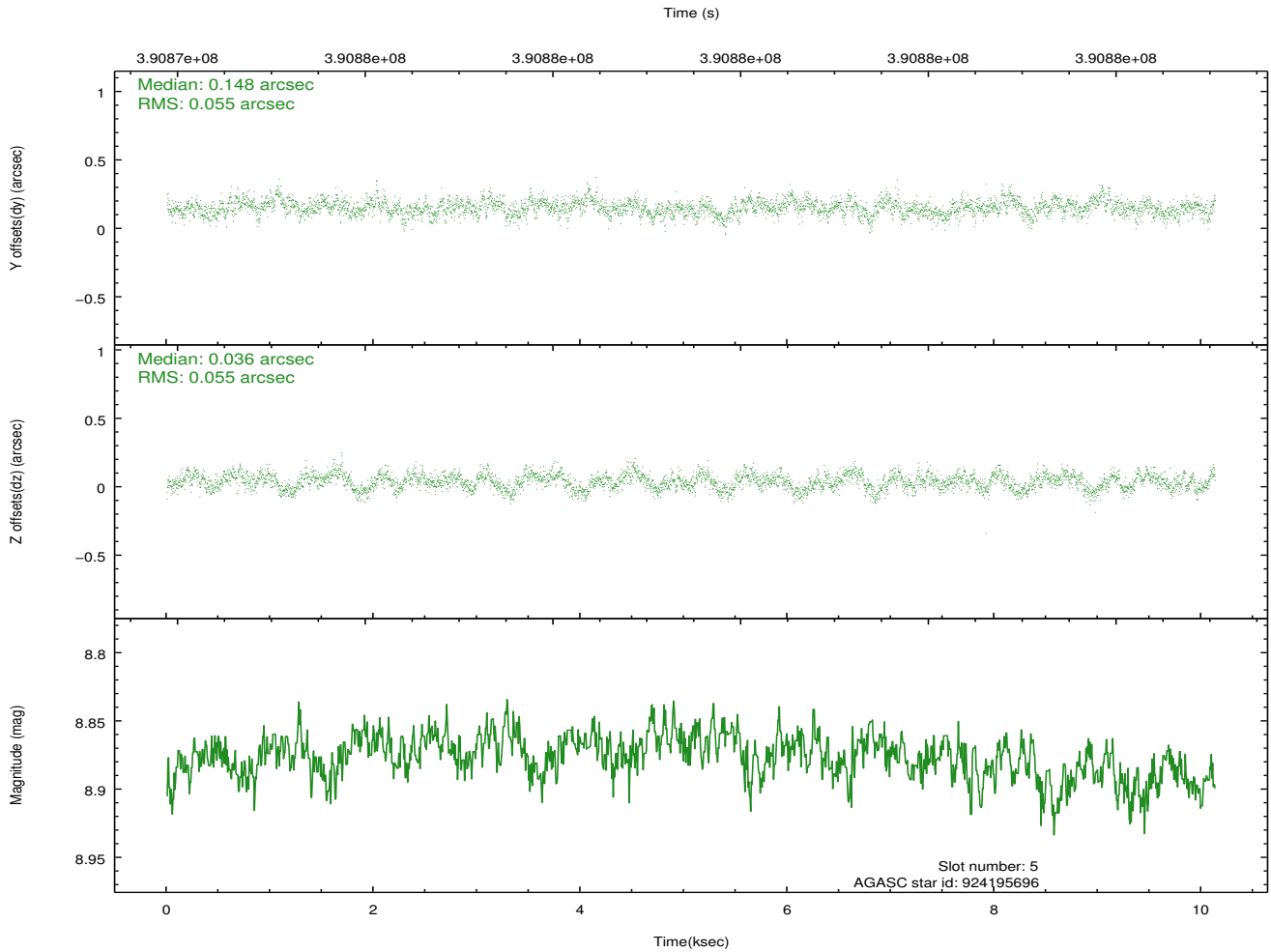
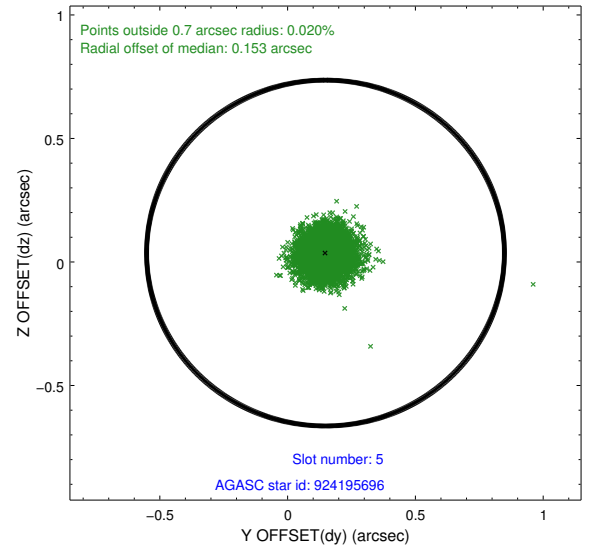
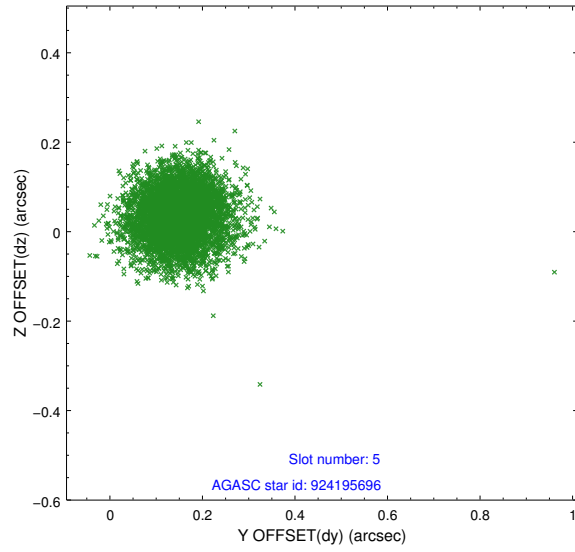
2.4.1 Slot 3



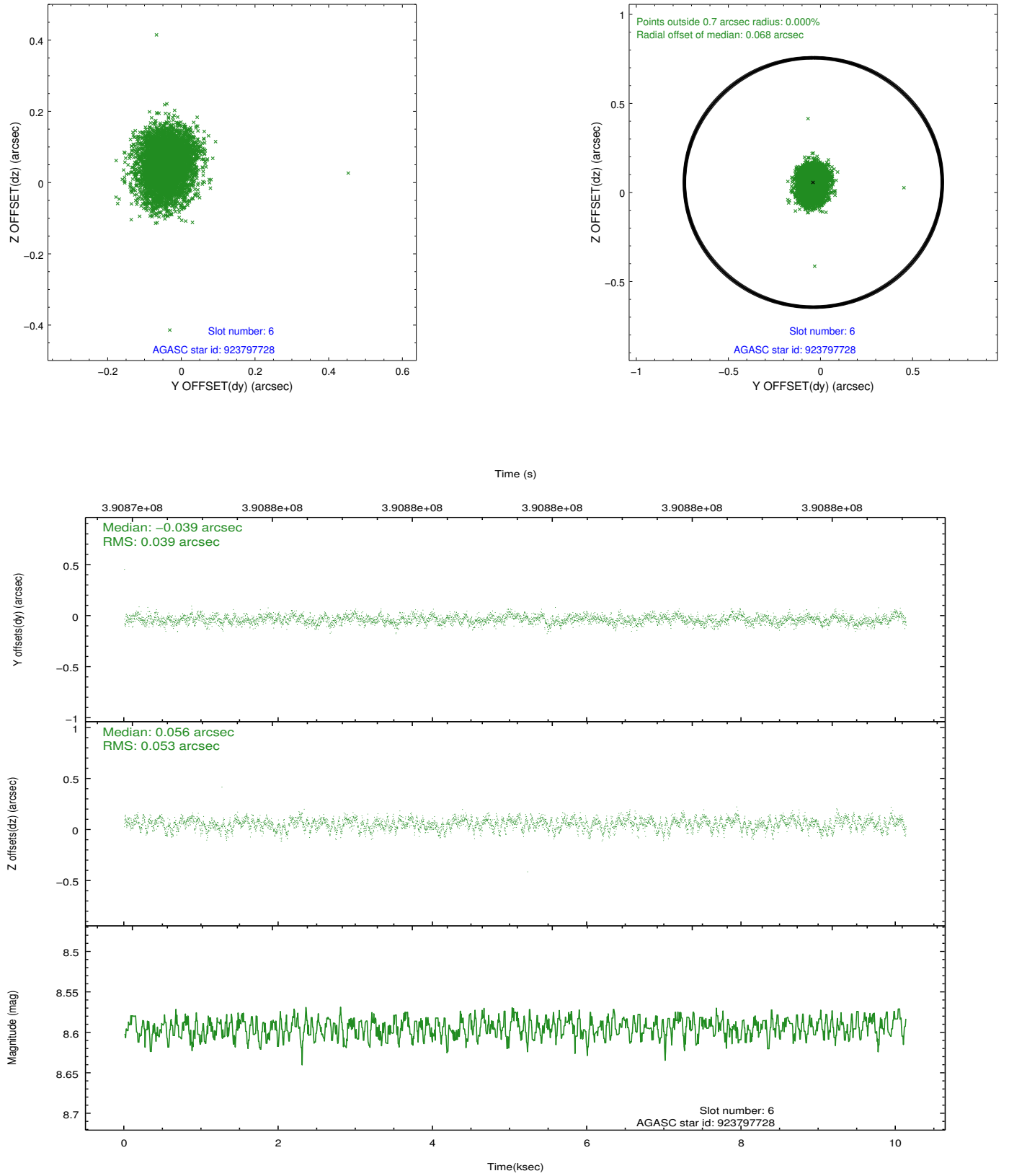
2.4.2 Slot 4



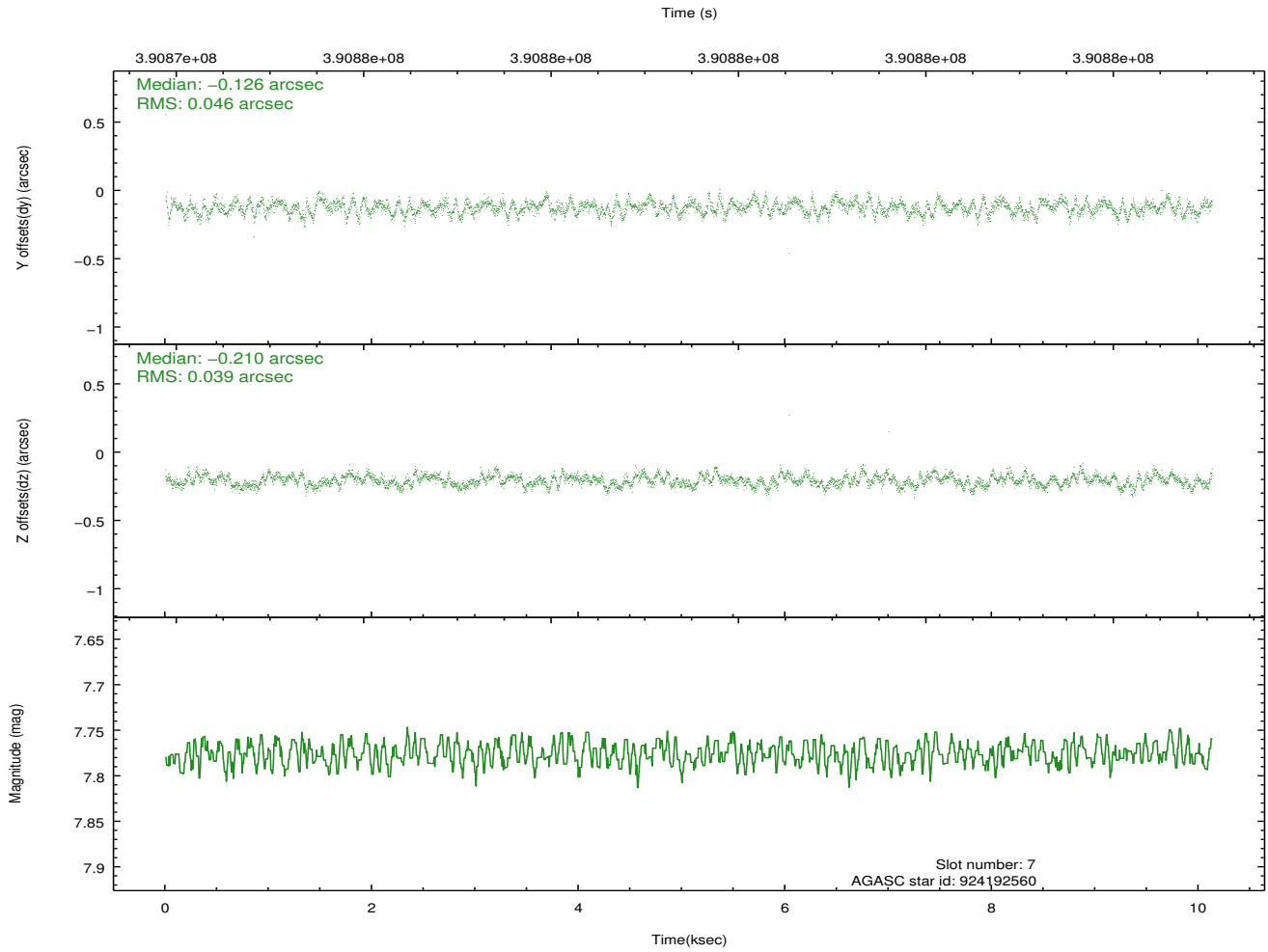
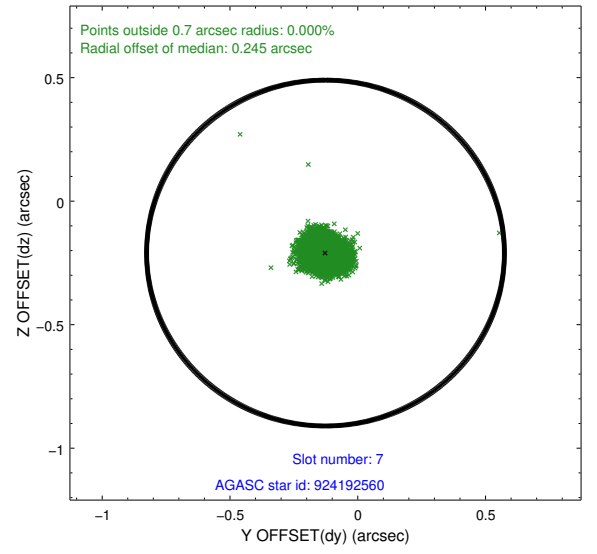
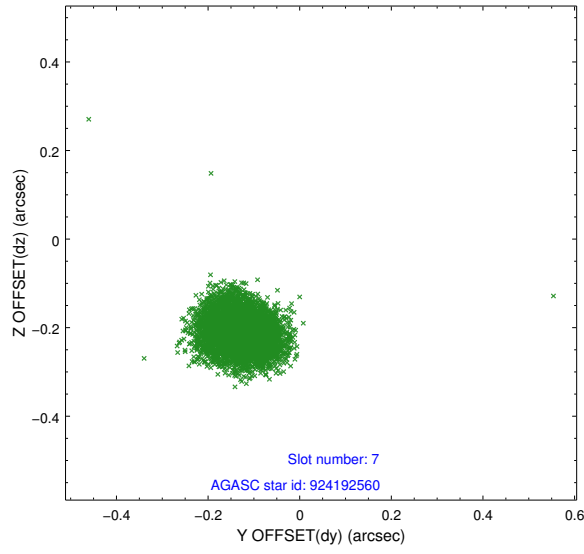
2.4.3 Slot 5



2.4.4 Slot 6

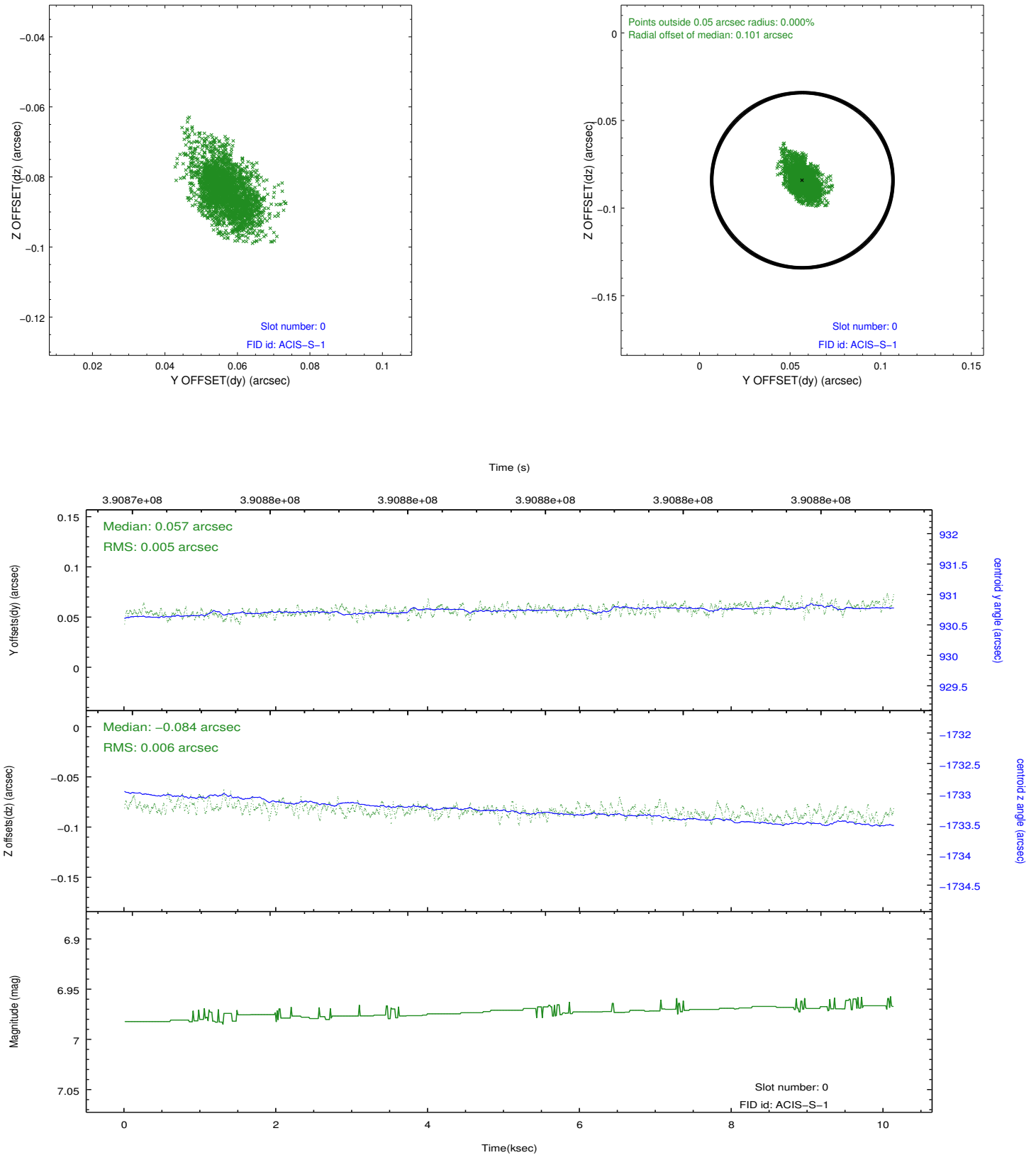


2.4.5 Slot 7

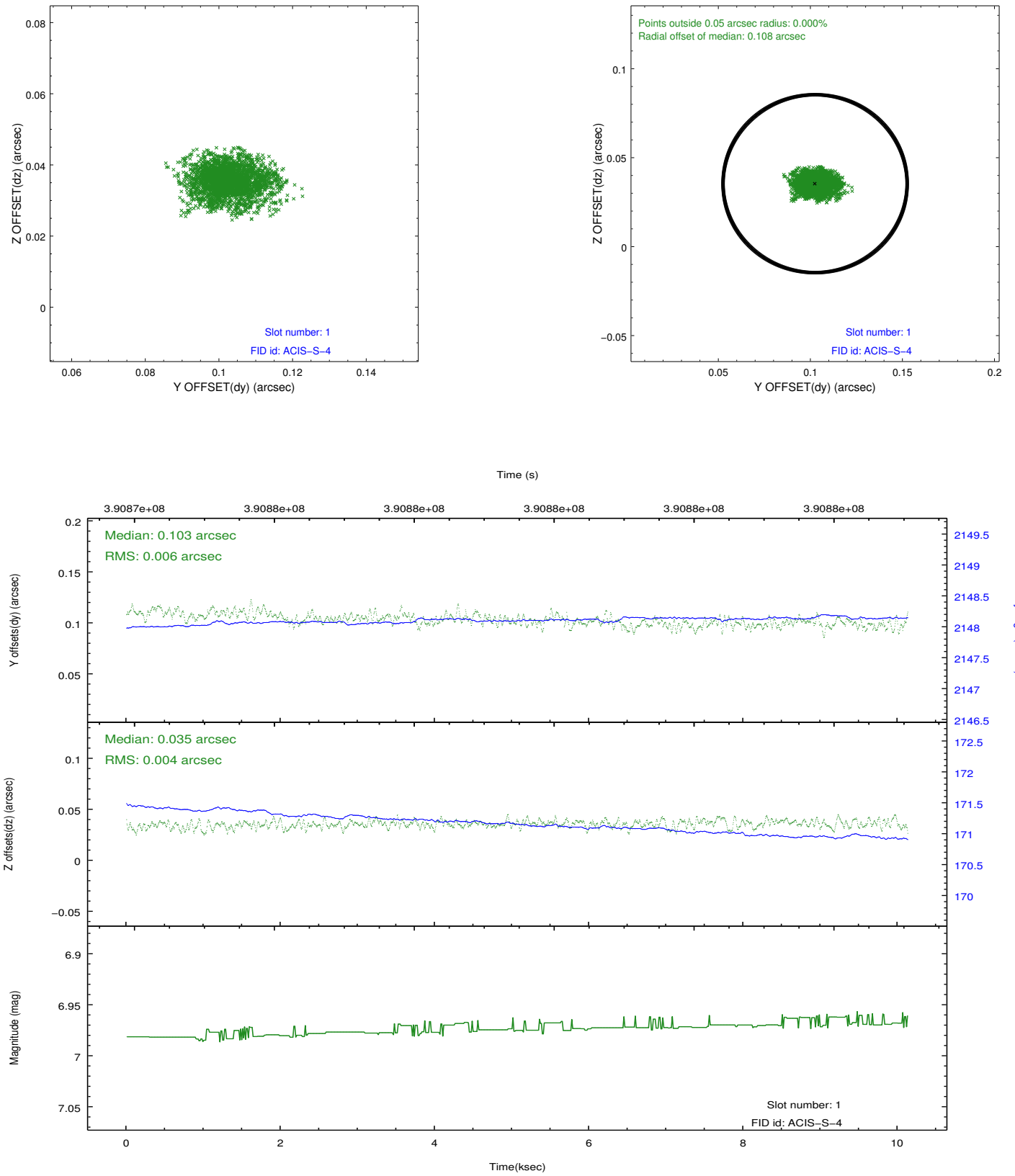


2.5 FID Slots

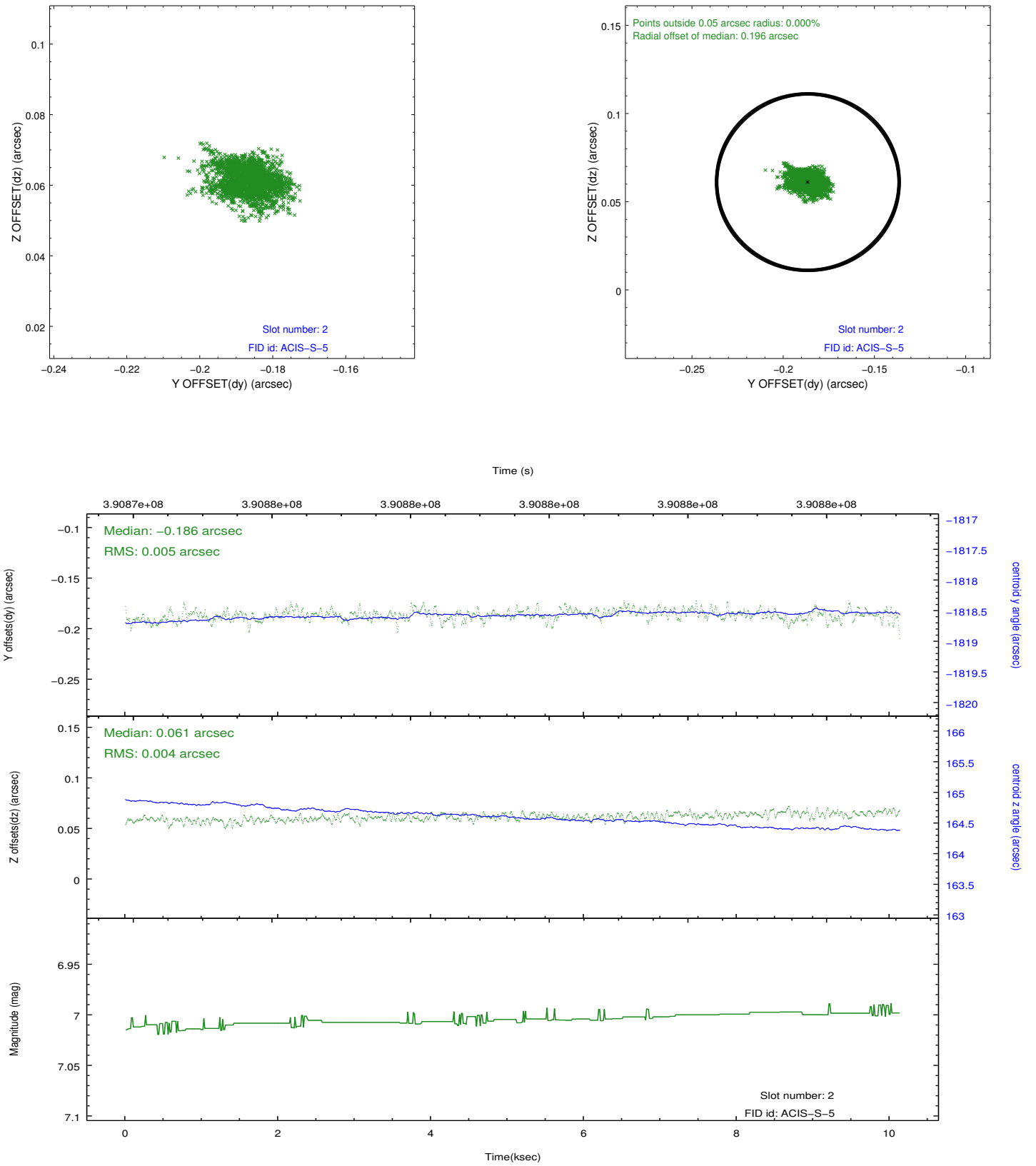
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.127

A.2 Comments