

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9234 - L2 Version 2
Chandra X-Ray Center

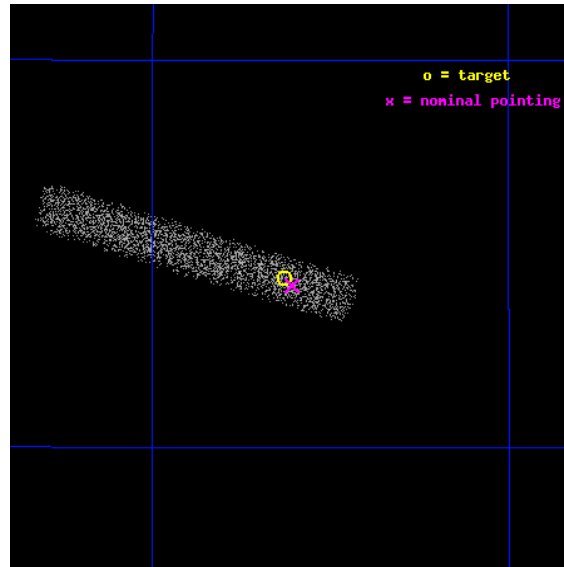
L2 Processing Date : May 11 2012

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1 Front

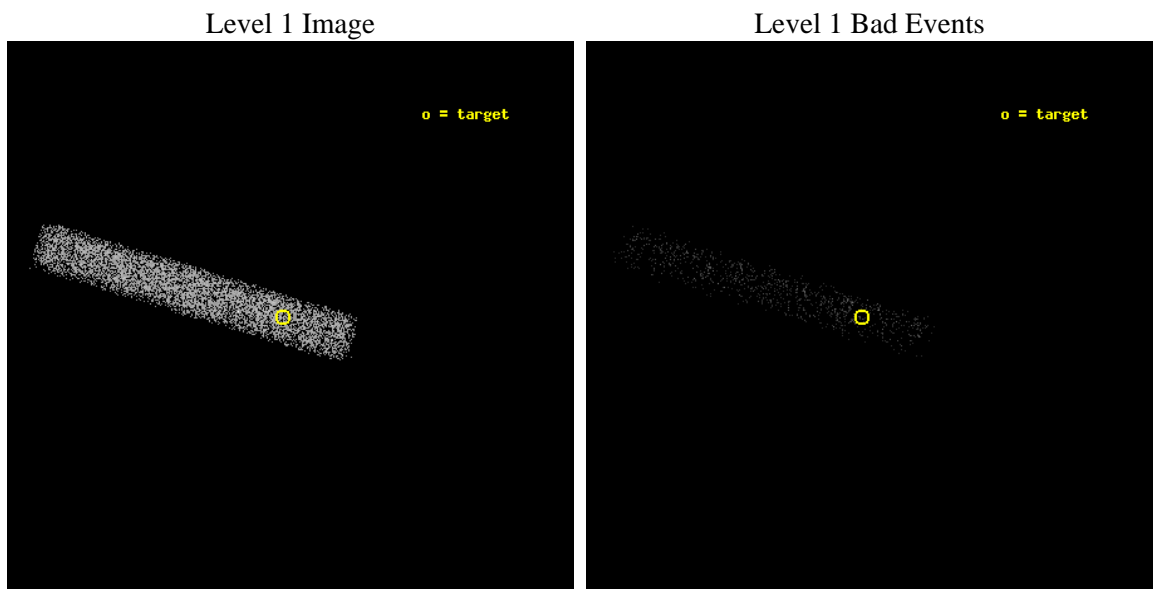
seq_num	701675	Sequence number
obs_id	9234	Observation id
title	A Chandra survey of IMBH AGNs with low Eddington ratios	Proposal t
observer	Dr Weimin Yuan	Principal investigator
object	112637.74+513423.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	171.6575	Observer's specified target RA [deg]
dec_targ	51.573111	Observer's specified target Dec [deg]
ra_nom	171.65220631049	Nominal RA [deg]
dec_nom	51.569466920826	Nominal Dec [deg]
roll_nom	196.83348166523	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5146.3996932507	Sum of GTIs [s]
livetime	4667.5128725292	Livetime [s]
ontime7	5146.3996932507	Sum of GTIs [s]
l2events	4092	Number of level 2 events



2 OBI

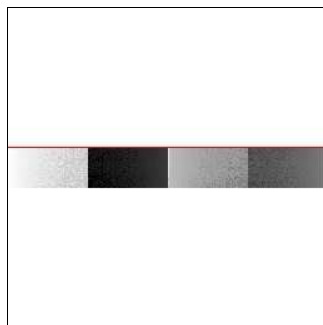
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5146.3996932507	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5146.3996932507	Sum of GTIs [s]
date	2012-05-12T00:20:23	Date and time of file creation	l1events	11590	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

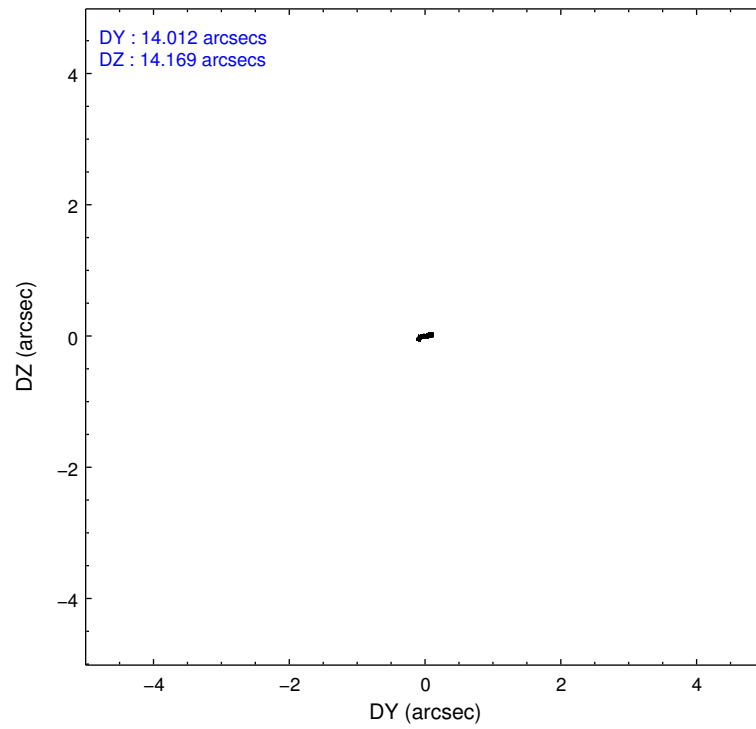
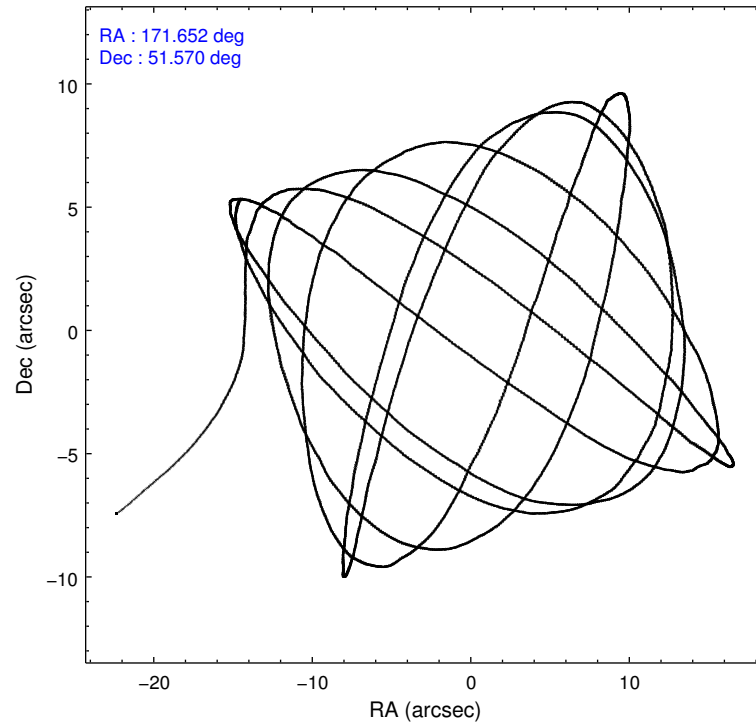
	ccd 7
level 1 events	11590
rejected events	7359
rejected %	63%

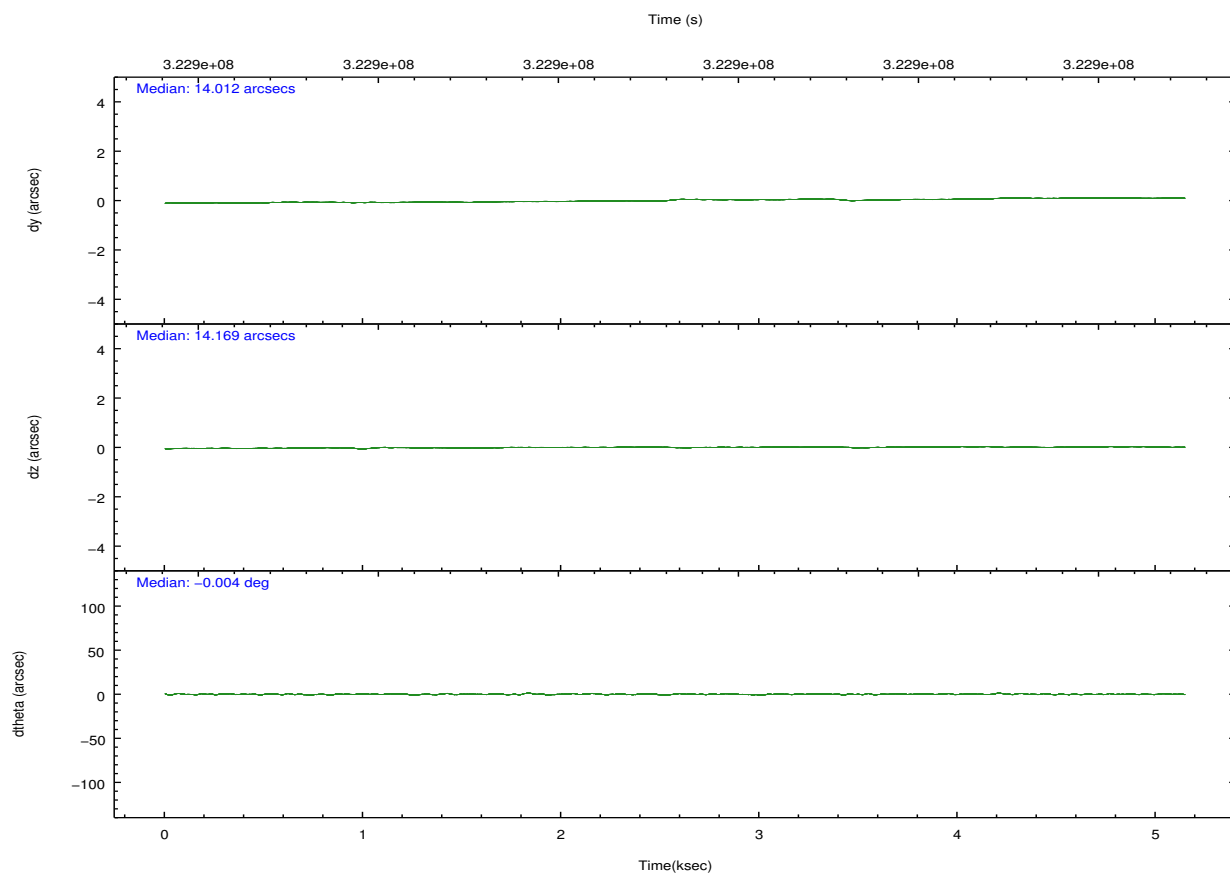
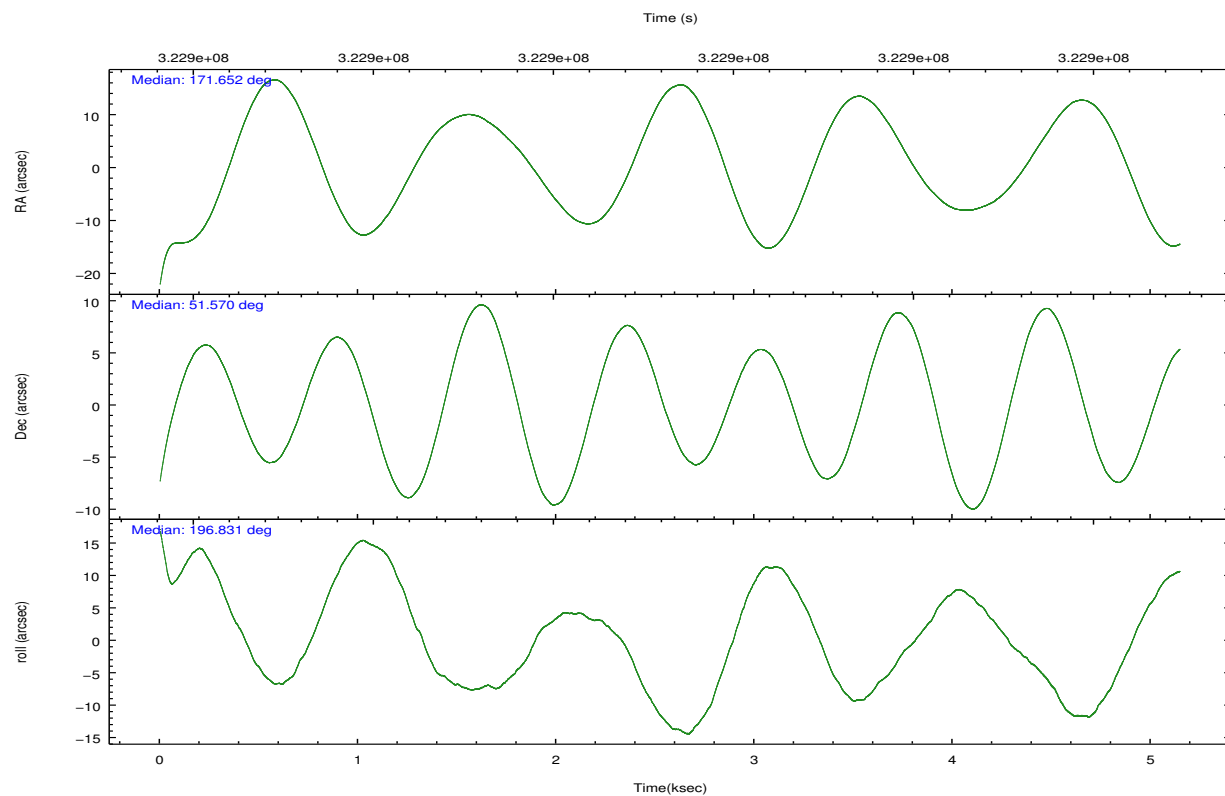
	ccd 7
grade 0 events	595
	5%
grade 1 events	15
	0%
grade 2 events	1036
	8%
grade 3 events	612
	5%
grade 4 events	652
	5%
grade 5 events	1127
	9%
grade 6 events	2485
	21%
grade 7 events	5068
	43%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	171.682000	171.6522063104886	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	51.589665	51.5694669208258	Subarray start row	449	449
[deg] Pointing Roll	196.653502	196.8334816652335	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	322895223.184000	322893667.82264			
Observation start date	2008-03-26T05:05:58	2008-03-26T04:41:07			
[s] Observation end time (MET)	322900223.184000	322901038.598			
Observation end date	2008-03-26T06:29:18	2008-03-26T06:43:58			
Read mode	TIMED	TIMED			

2.3 Aspect



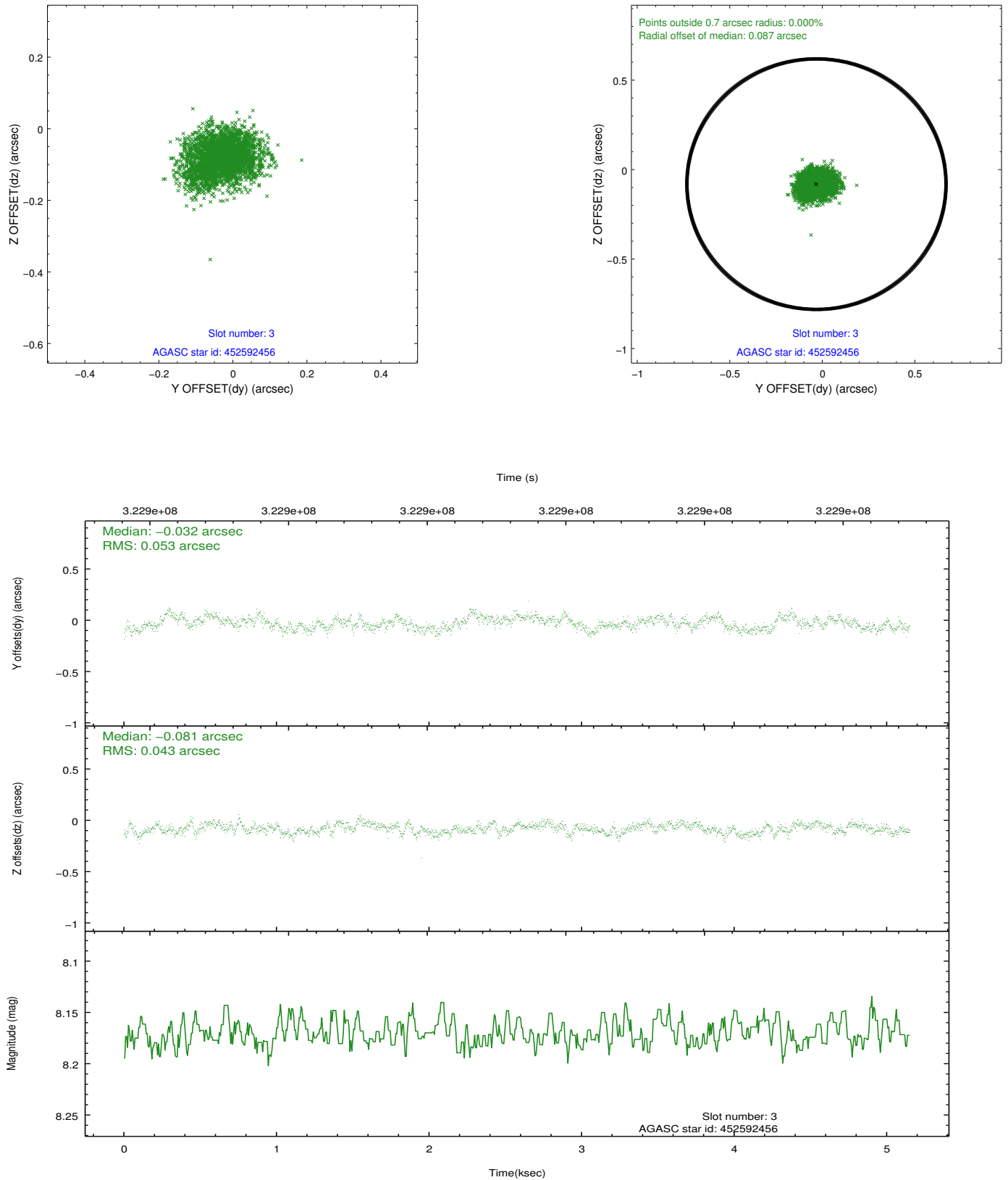


Slot Statistics

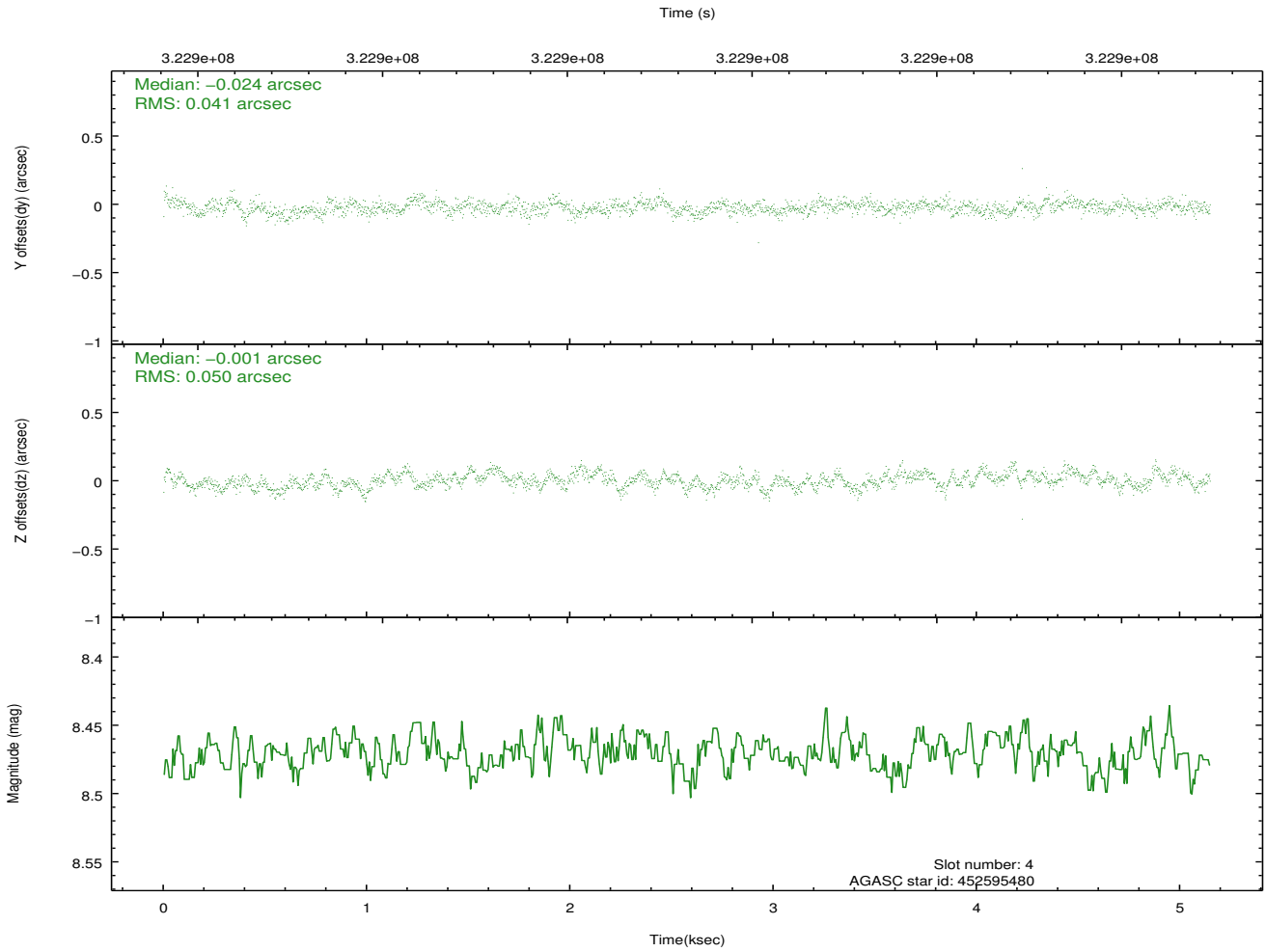
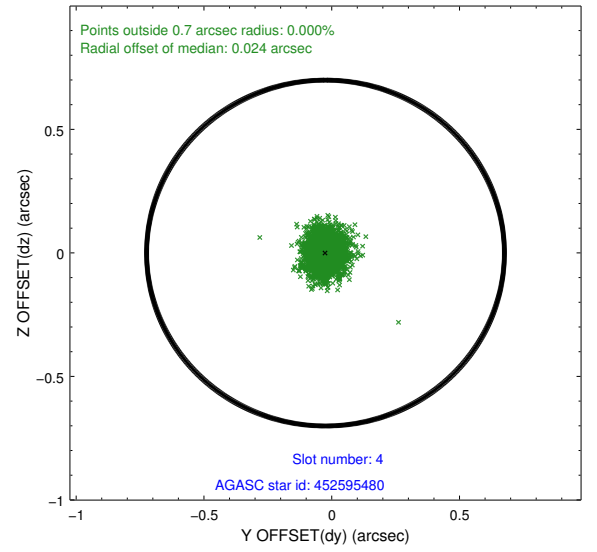
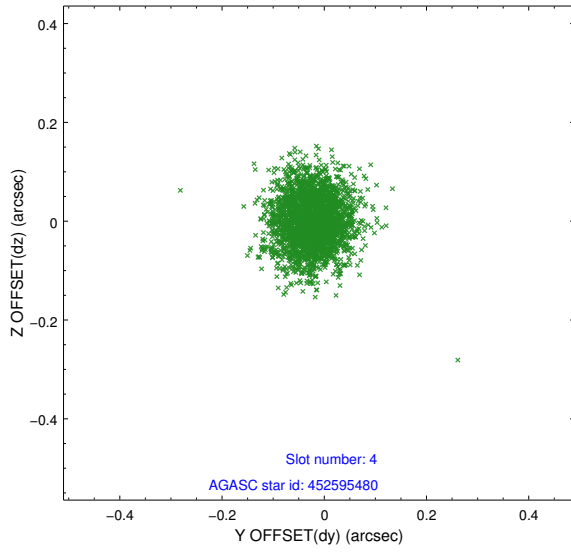
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1256	-0.067	-0.052	0.008	0.011	0.000000	0.000000	-767.01	-1735.52
1	FID	ACIS-S-4	7.19	1256	0.192	0.046	0.006	0.012	0.000000	0.000000	2145.97	171.85
2	FID	ACIS-S-5	7.22	1256	-0.157	0.014	0.007	0.012	0.000000	0.000000	-1818.45	166.81
3	GUIDE	452592456	8.17	2511	-0.032	-0.081	0.074	0.114	170.949300	52.040346	1087.91	-2026.88
4	GUIDE	452595480	8.47	2512	-0.024	-0.001	0.069	0.111	170.896370	51.486670	1791.66	-158.77
5	GUIDE	452596032	9.50	2507	-0.017	0.060	0.107	0.171	172.761371	51.325106	-2057.82	1591.55
6	GUIDE	452601672	7.51	2512	-0.144	-0.139	0.079	0.124	171.479684	52.132044	-131.90	-1998.47
7	GUIDE	452594416	10.09	2506	0.216	0.155	0.173	0.303	170.572233	51.532208	2435.09	-532.33

2.4 Star Slots

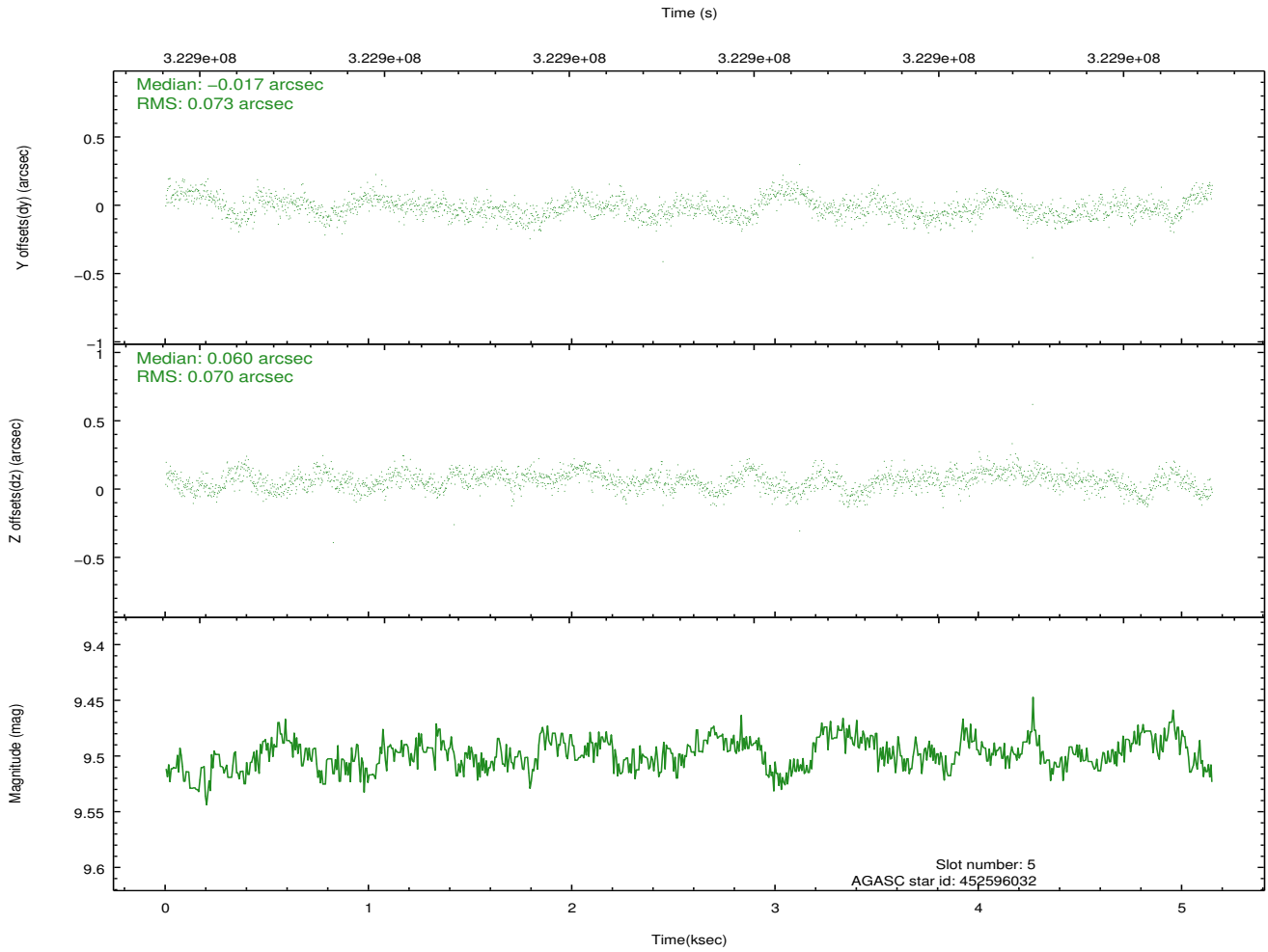
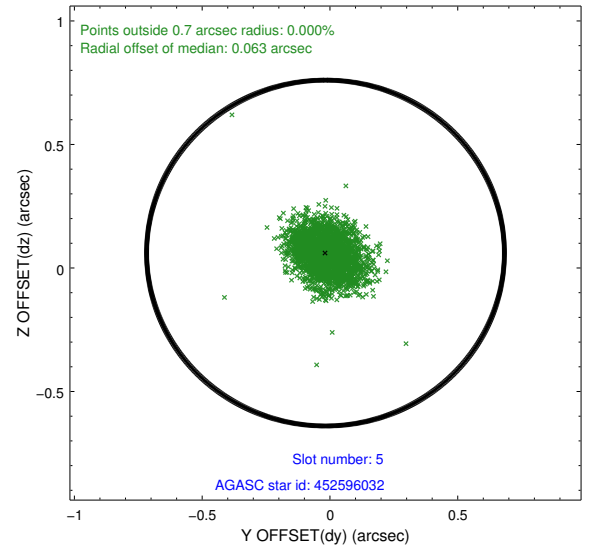
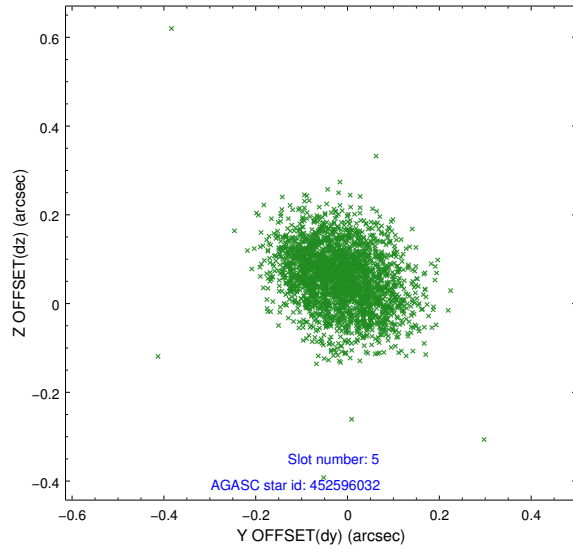
2.4.1 Slot 3



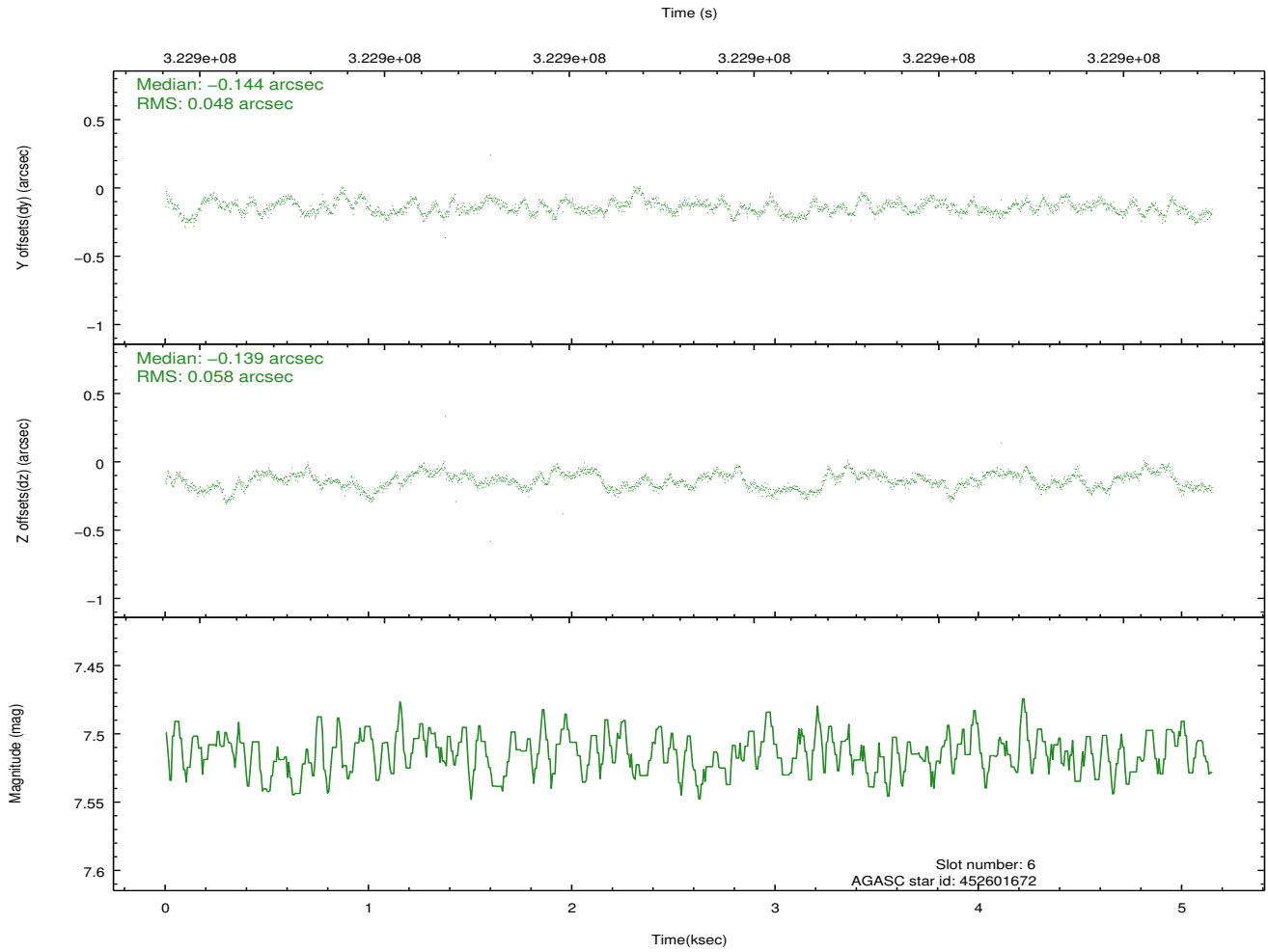
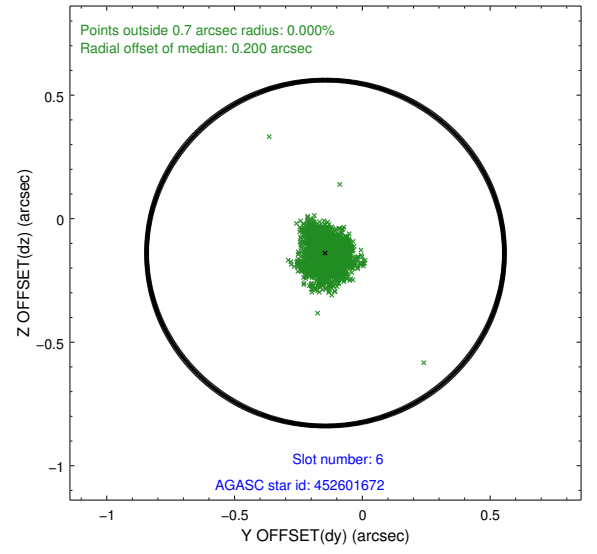
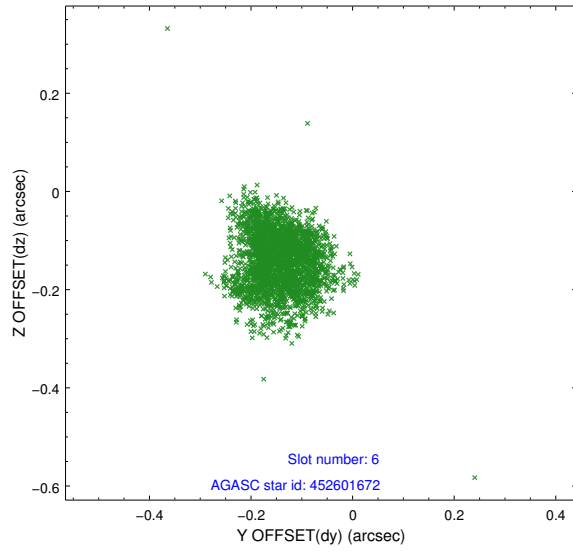
2.4.2 Slot 4



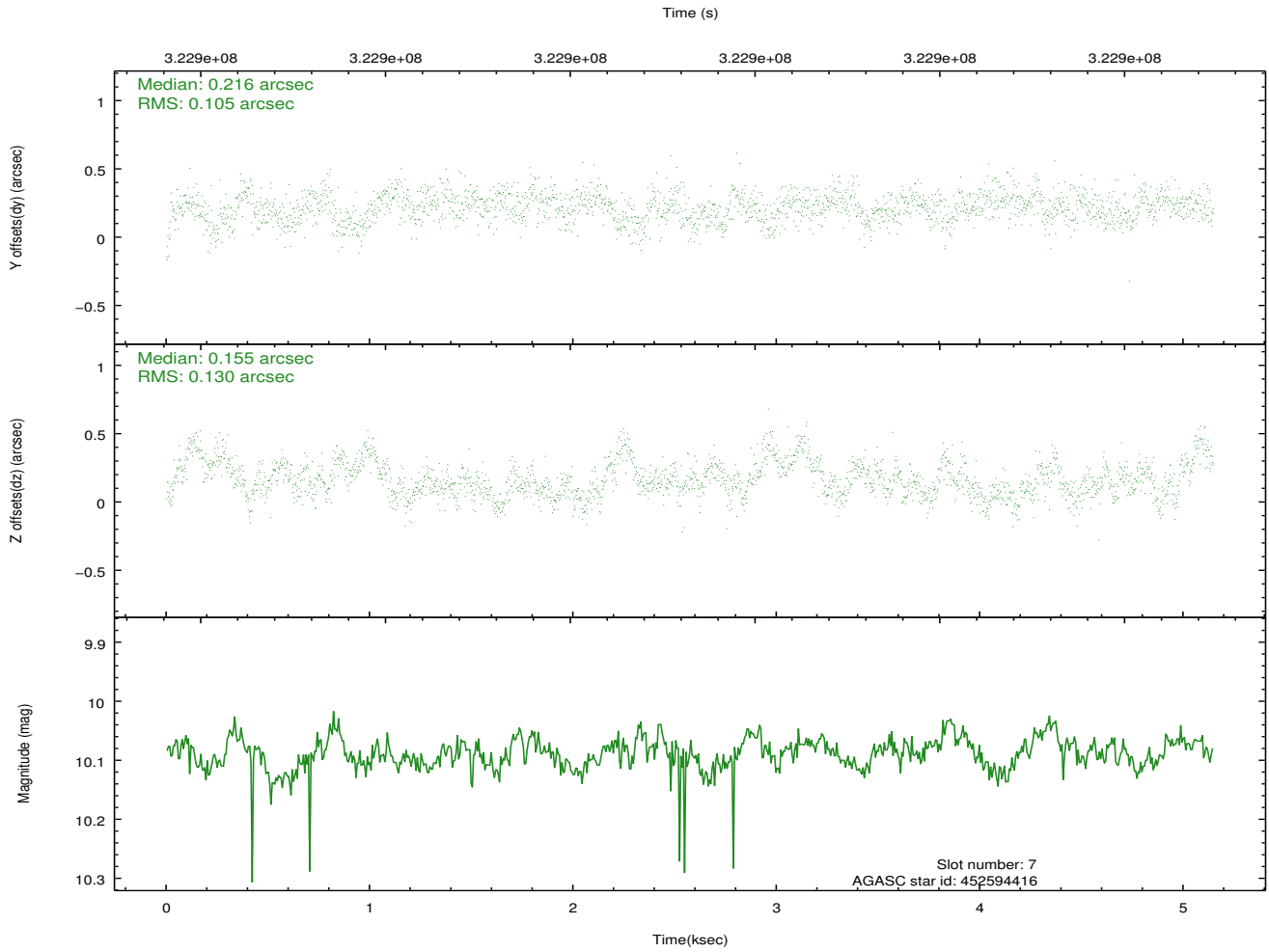
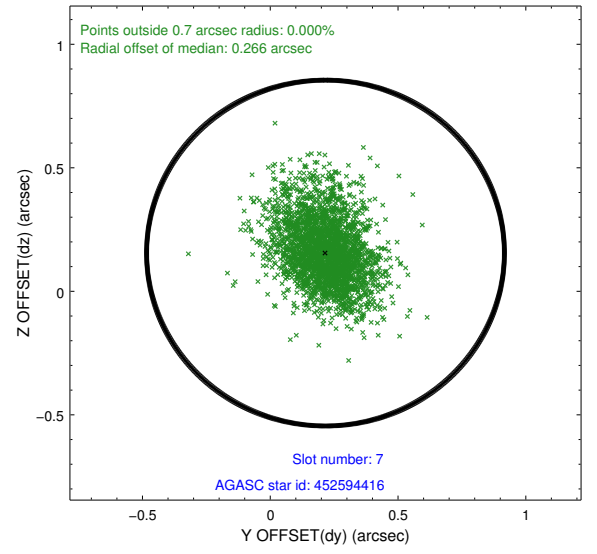
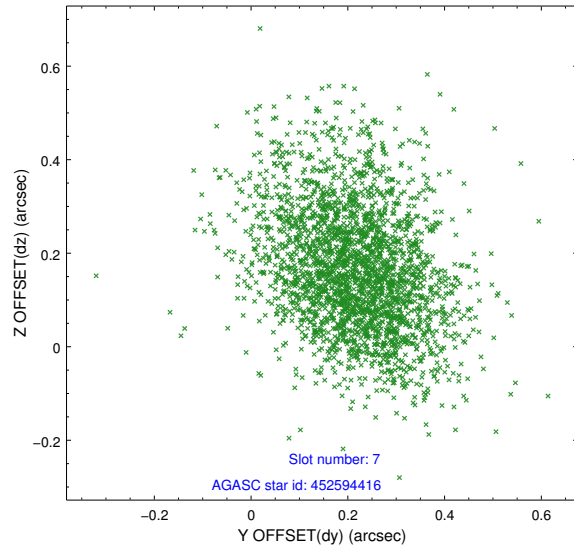
2.4.3 Slot 5



2.4.4 Slot 6

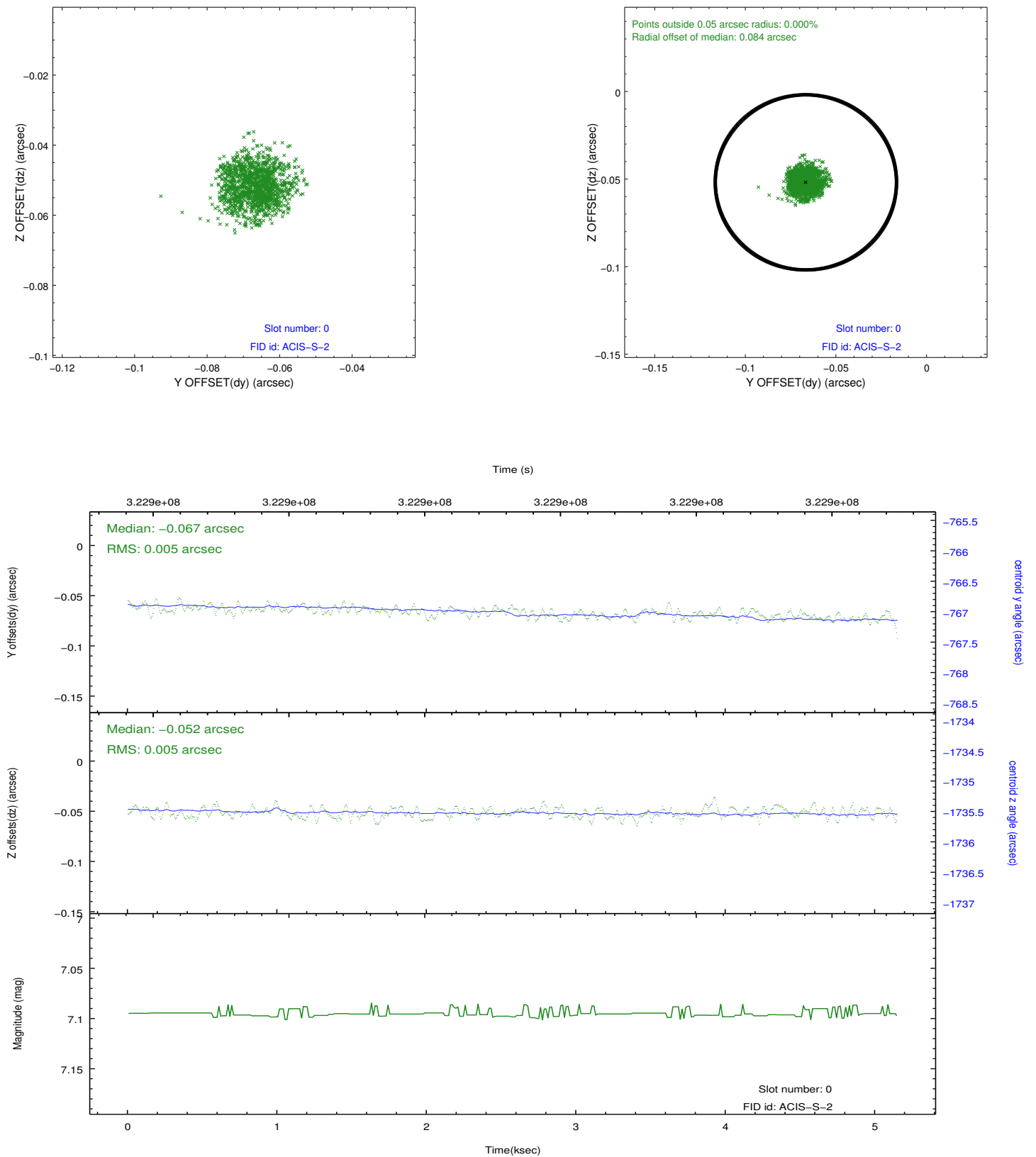


2.4.5 Slot 7

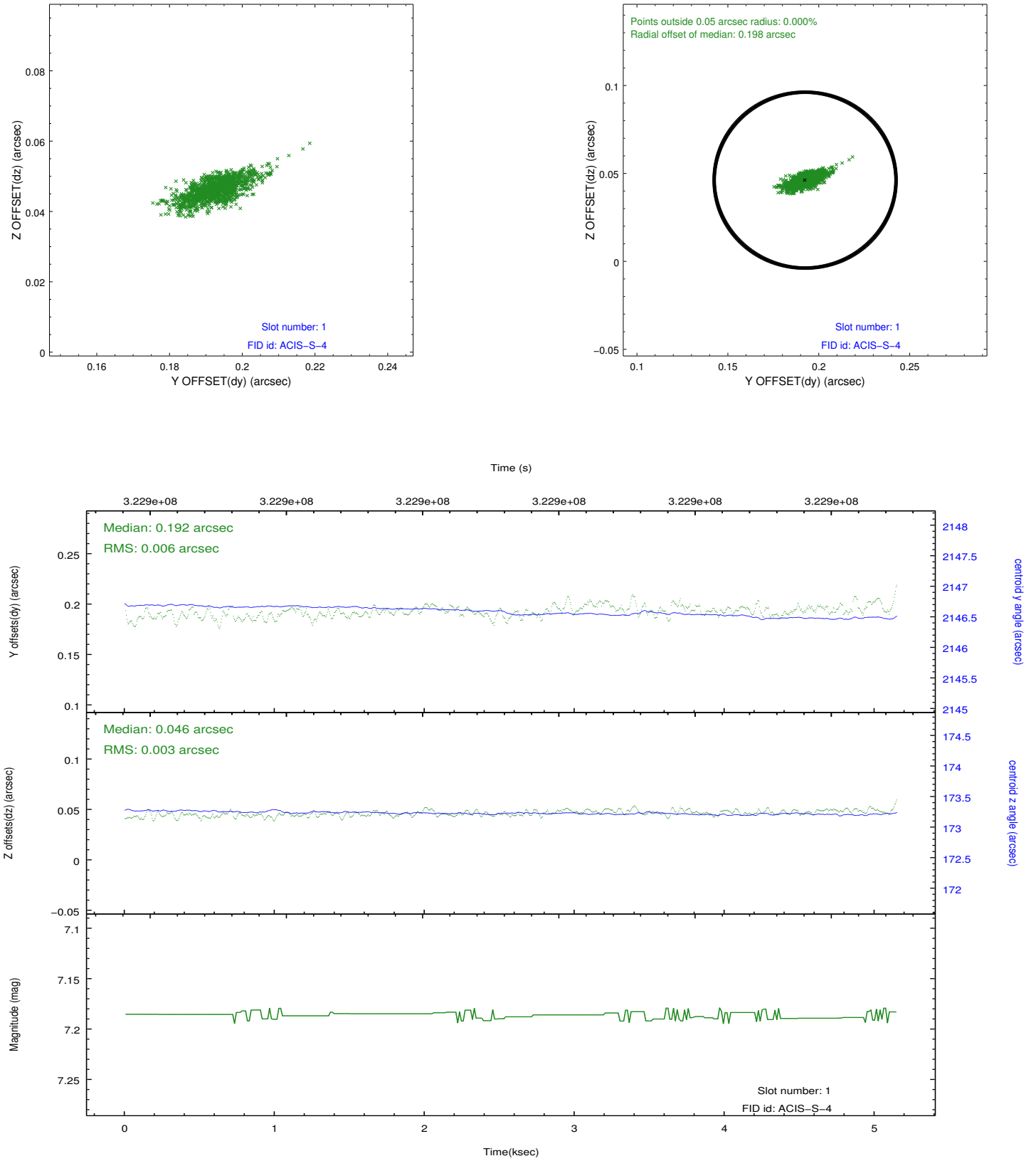


2.5 FID Slots

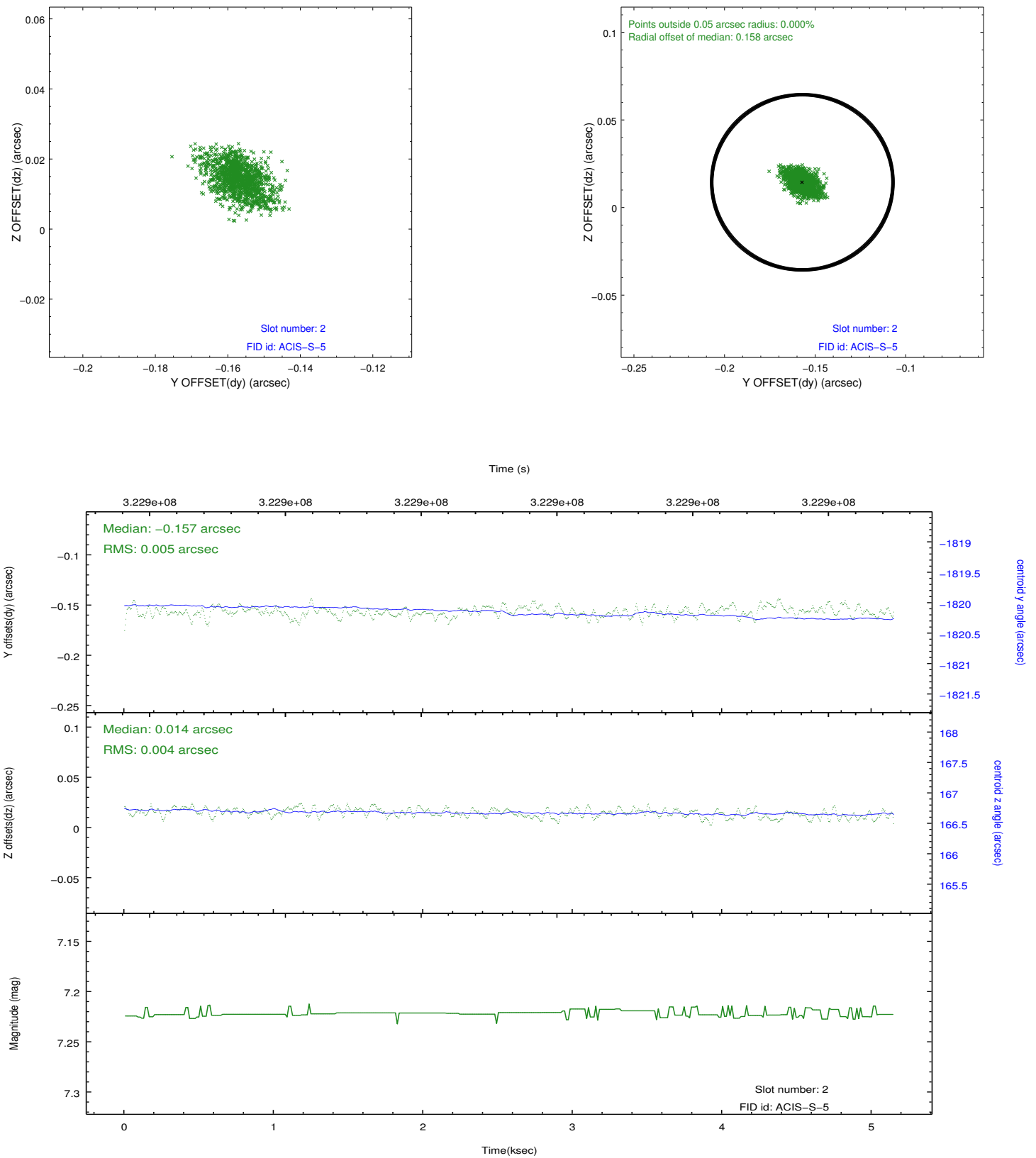
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.14639969

A.2 Comments