

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2171 - L2 Version 3
Chandra X-Ray Center

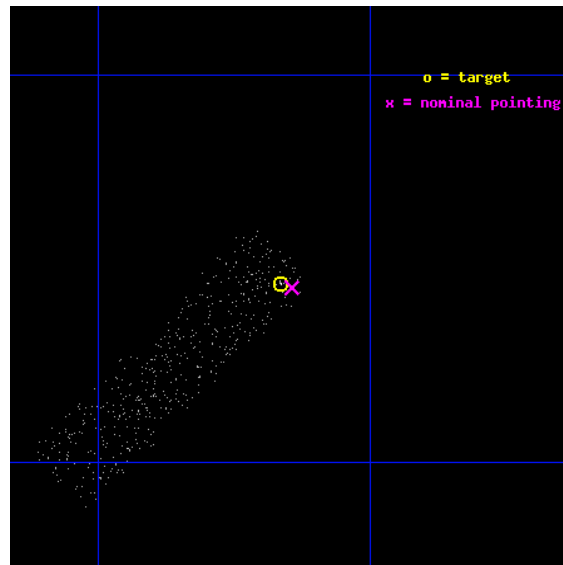
L2 Processing Date : Sep 20 2012

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1 Front

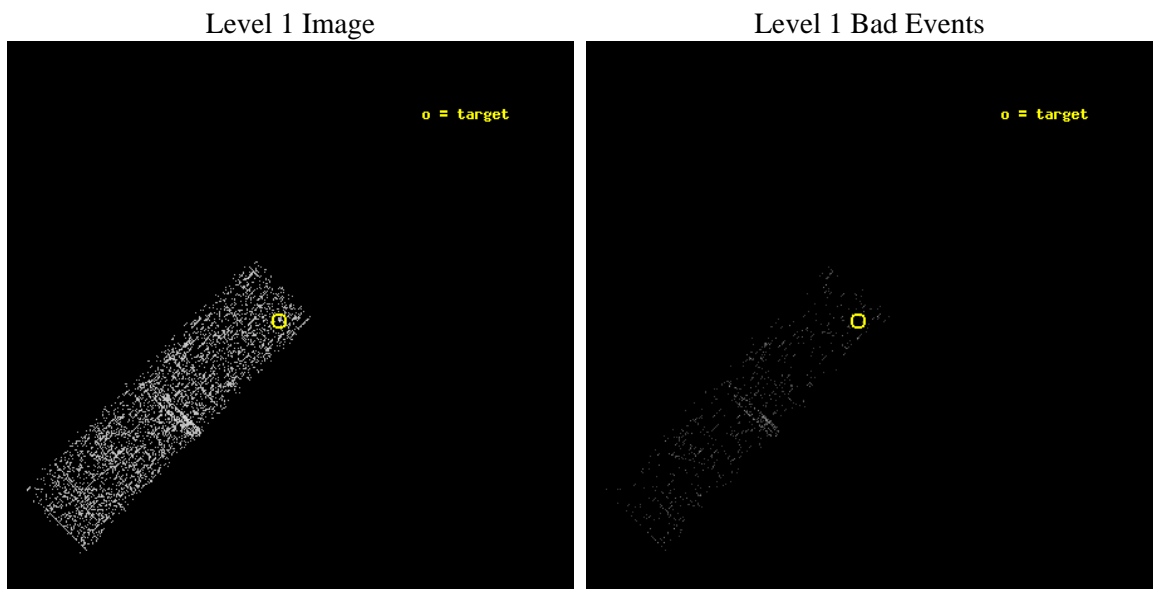
seq_num	700361	Sequence number
obs_id	2171	Observation id
title	RED QUASARS AND THE X-RAY BACKGROUND	Proposal title
observer	Dr. Belinda Wilkes	Principal investigator
object	2MASSJ165939+1834	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.915833	Observer's specified target RA [deg]
dec_targ	18.576917	Observer's specified target Dec [deg]
ra_nom	254.91097182159	Nominal RA [deg]
dec_nom	18.575164655384	Nominal Dec [deg]
roll_nom	224.77144478455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2529.5589505732	Sum of GTIs [s]
liveltime	2406.1247508544	Livetime [s]
ontime3	2529.5589505732	Sum of GTIs [s]
l2events	504	Number of level 2 events



2 OBI

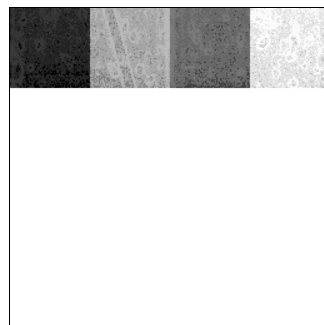
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2529.5589505732	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime3	2529.5589505732	Sum of GTIs [s]
date	2012-09-20T04:59:07	Date and time of file creation	l1events	7500	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

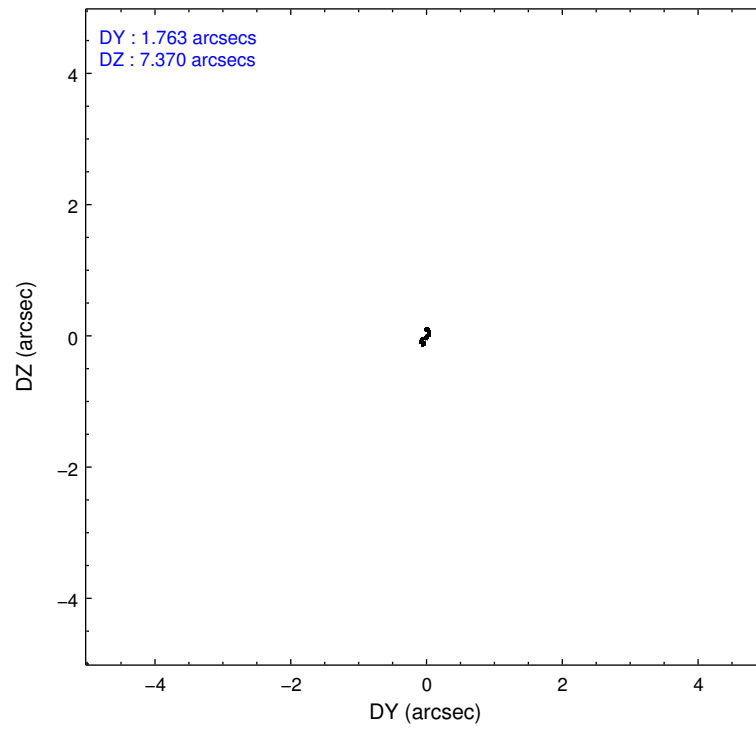
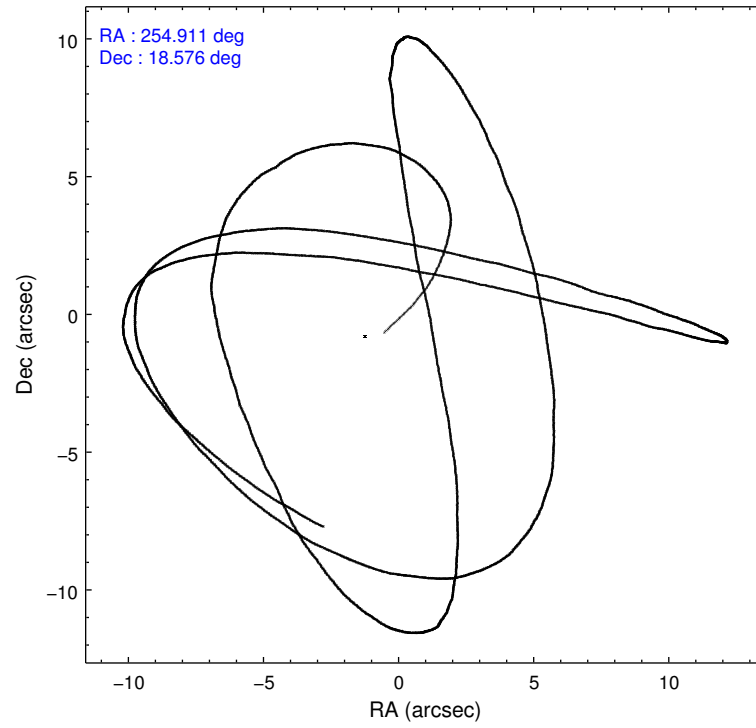
	ccd 3
level 1 events	7500
rejected events	6911
rejected %	92%

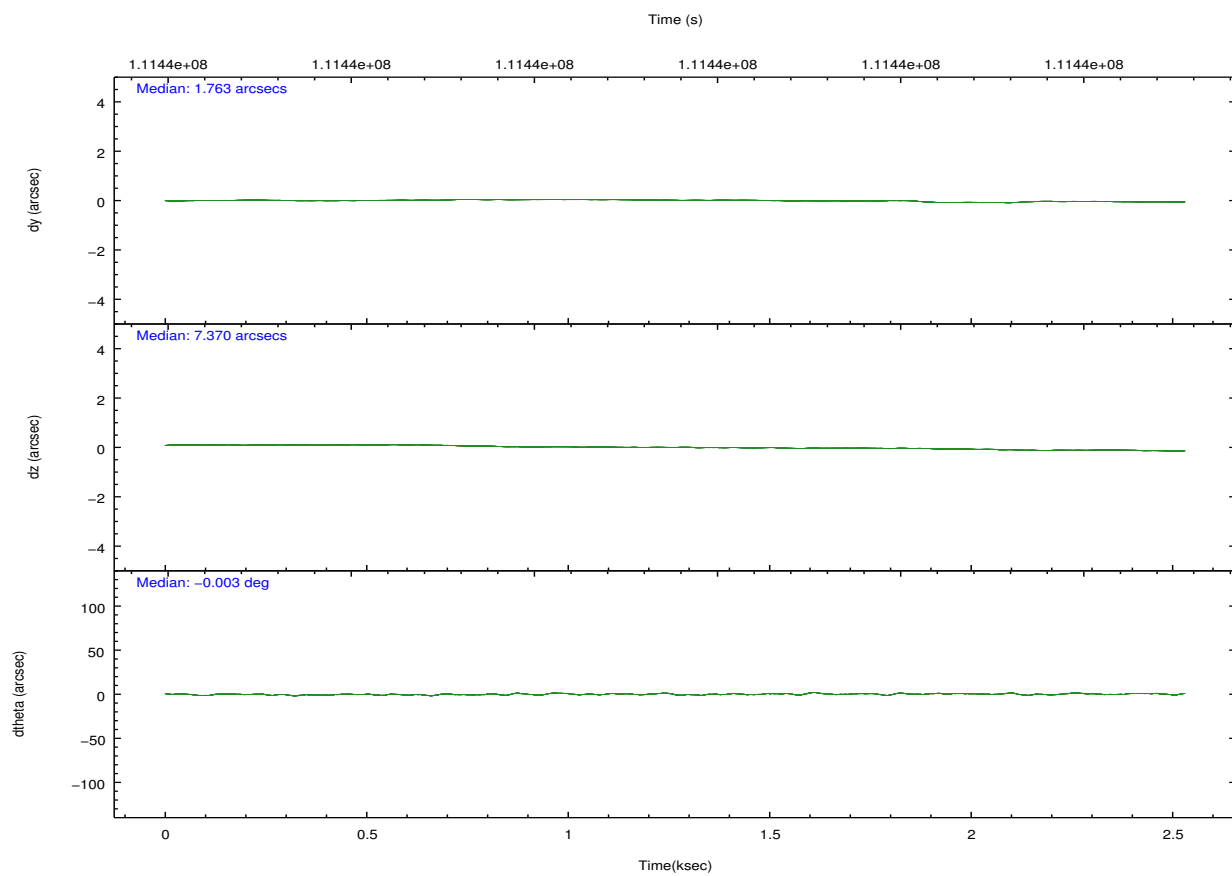
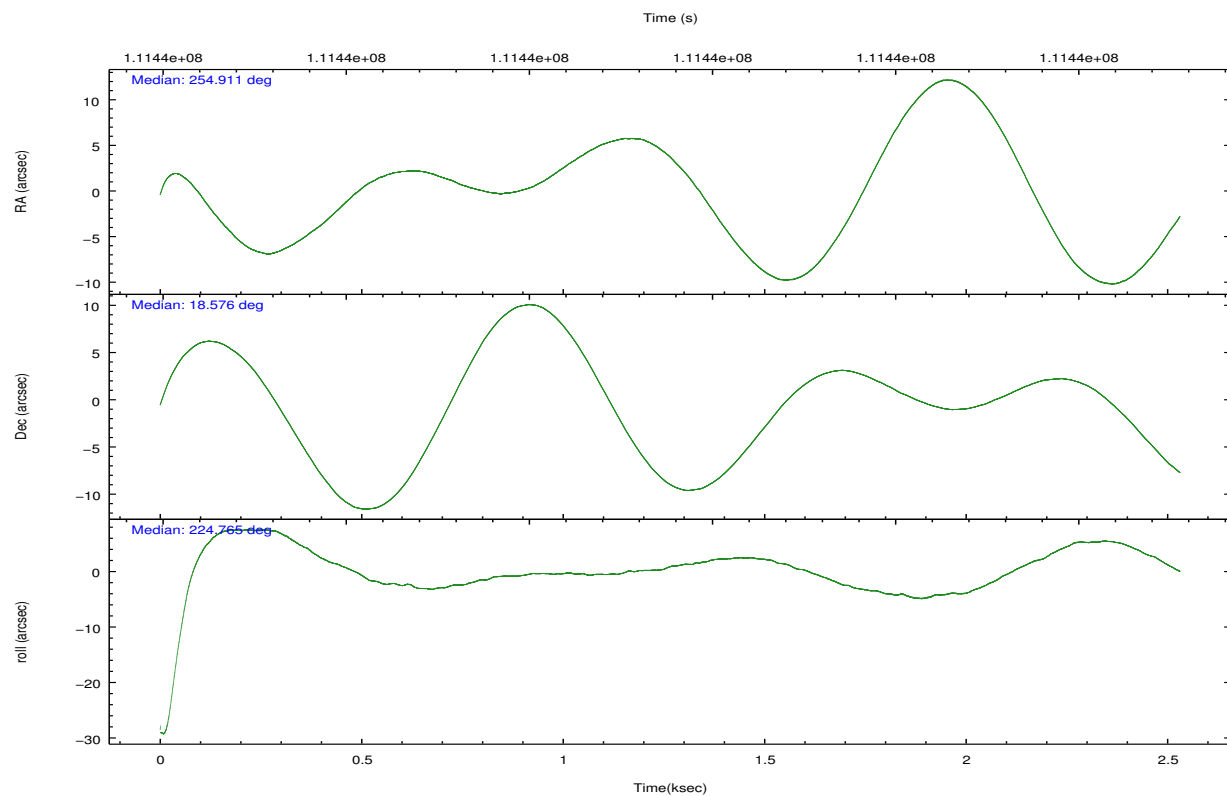
	ccd 3
grade 0 events	301
	4%
grade 1 events	1
	0%
grade 2 events	134
	1%
grade 3 events	130
	1%
grade 4 events	77
	1%
grade 5 events	205
	2%
grade 6 events	127
	1%
grade 7 events	6525
	87%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	254.918766	254.910971821585	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	18.601647	18.57516465538353	Subarray start row	769	769
[deg] Pointing Roll	224.560421	224.7714447845513	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	111437251.184000	111436195.31232			
Observation start date	2001-07-13T18:46:27	2001-07-13T18:29:55			
[s] Observation end time (MET)	111439651.184000	111440247.13747			
Observation end date	2001-07-13T19:26:27	2001-07-13T19:37:27			
Read mode	TIMED	TIMED			

2.3 Aspect



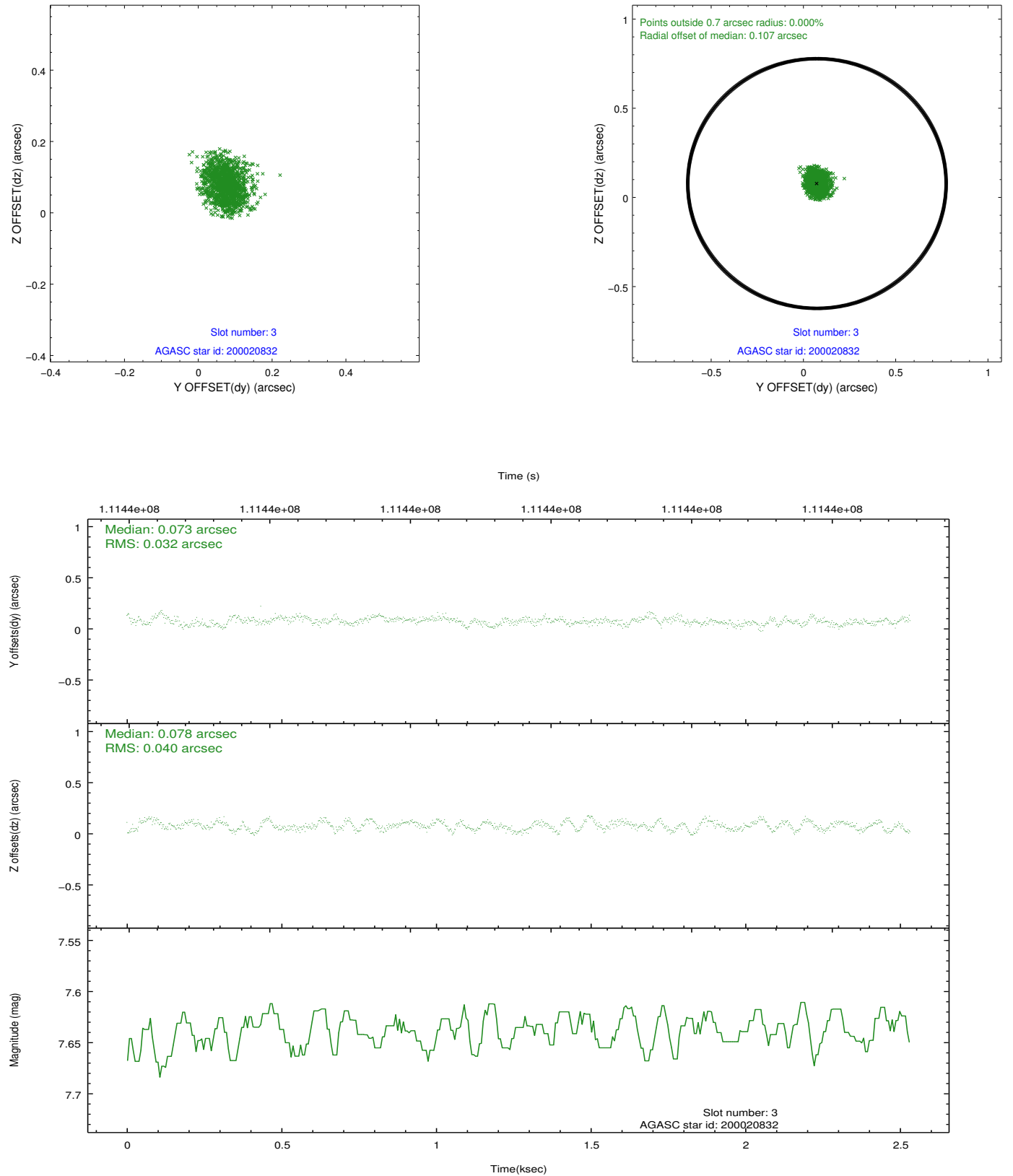


Slot Statistics

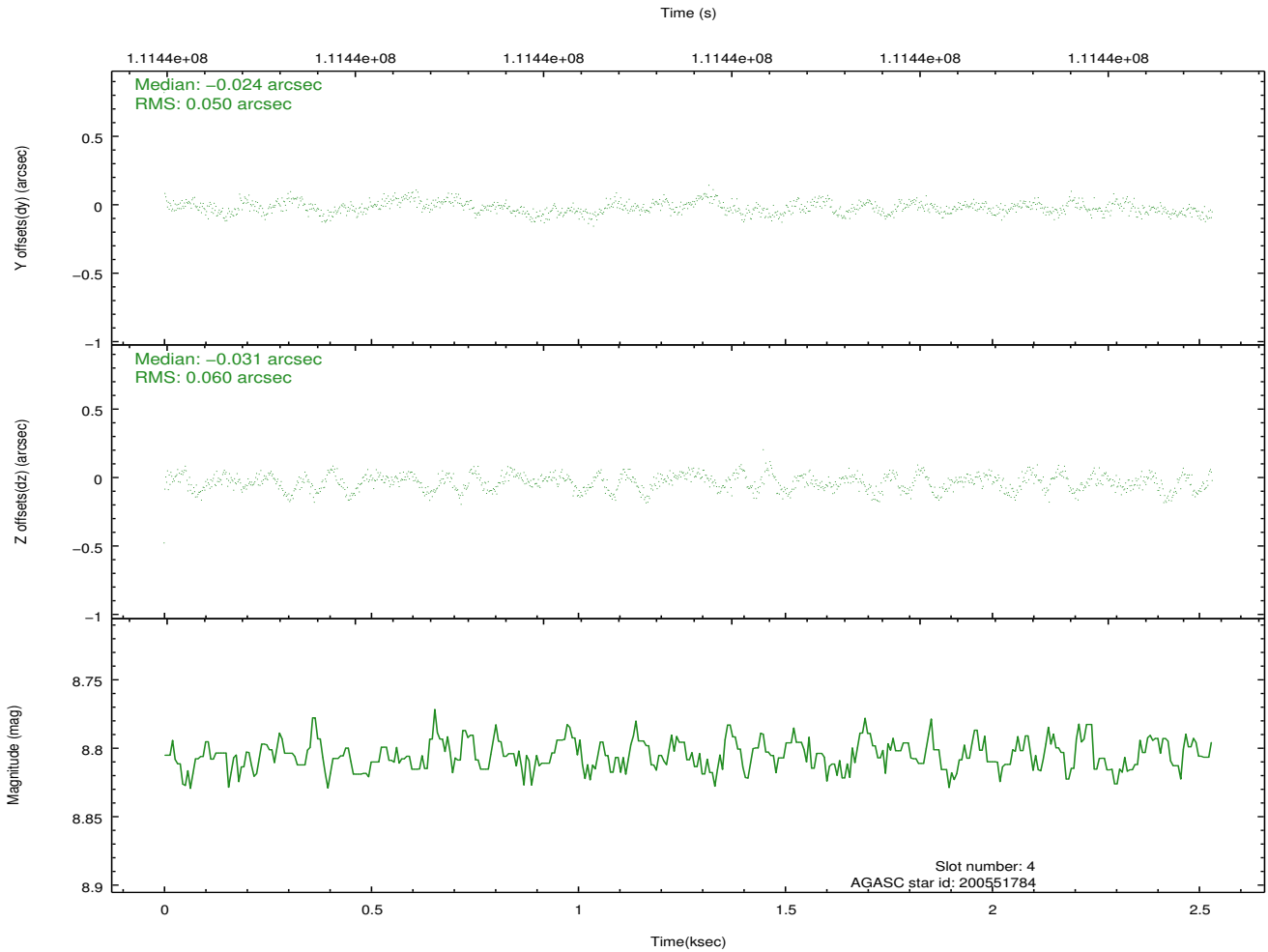
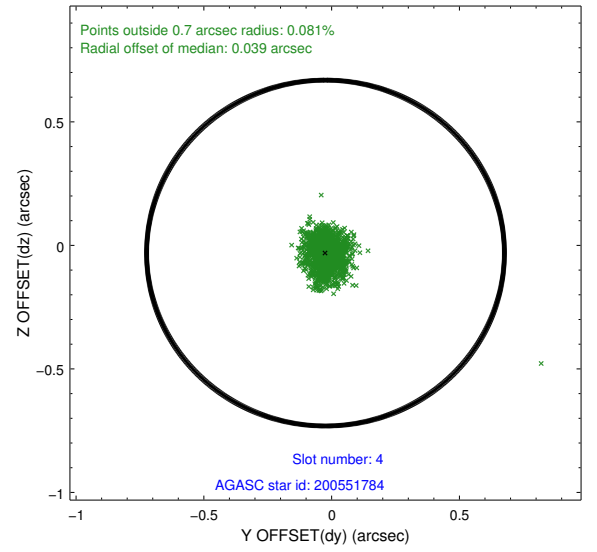
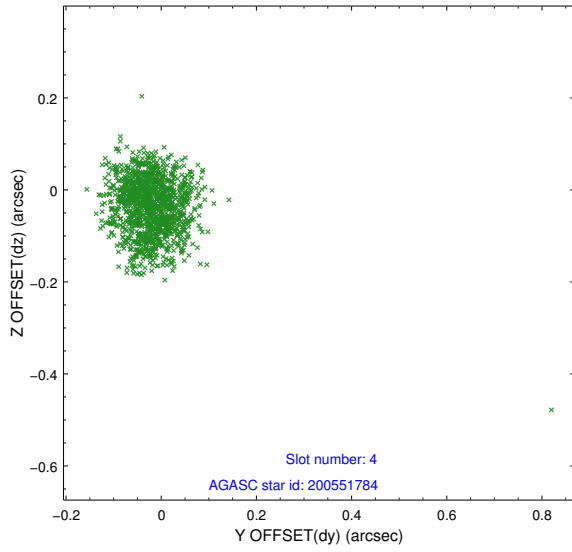
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	618	-0.047	-0.075	0.009	0.018	0.000000	0.000000	-756.14	-837.23
1	FID	ACIS-I-4	7.18	618	-0.019	0.054	0.006	0.011	0.000000	0.000000	2156.77	1067.85
2	FID	ACIS-I-5	7.24	618	-0.035	0.090	0.009	0.014	0.000000	0.000000	-1806.69	1068.57
3	GUIDE	200020832	7.64	1236	0.073	0.078	0.056	0.084	254.963437	17.806144	1900.01	2149.35
4	GUIDE	200551784	8.81	1236	-0.024	-0.031	0.080	0.125	254.617005	19.191620	-758.27	-2231.13
5	GUIDE	200017032	8.82	1236	-0.062	0.032	0.078	0.127	255.571266	18.611305	-1614.43	1533.50
6	GUIDE	200020376	9.32	1233	0.070	0.016	0.078	0.124	254.975594	18.425327	305.57	590.79
7	GUIDE	200550592	9.52	1235	-0.068	-0.096	0.088	0.136	254.918821	19.412743	-2048.66	-2079.11

2.4 Star Slots

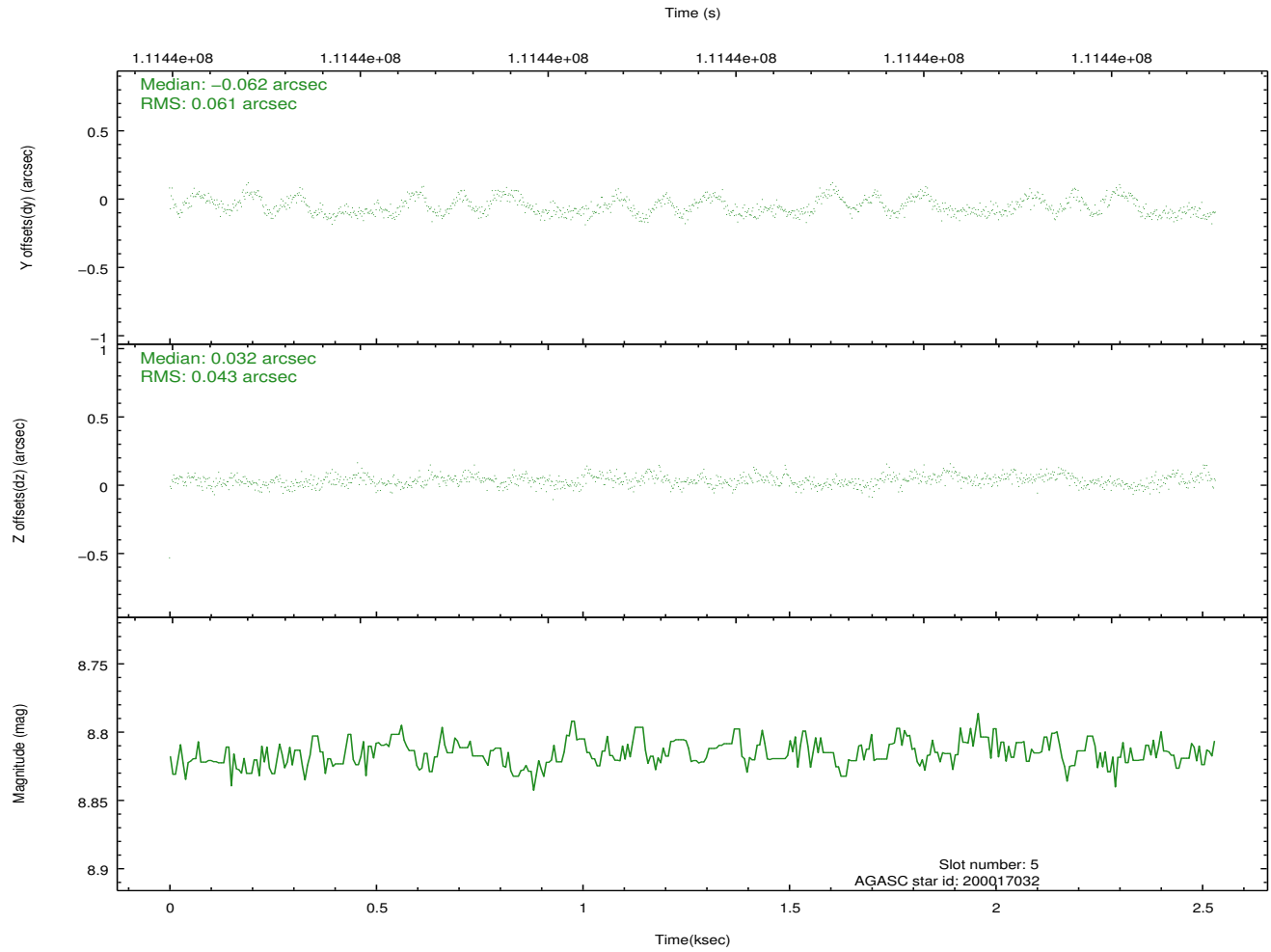
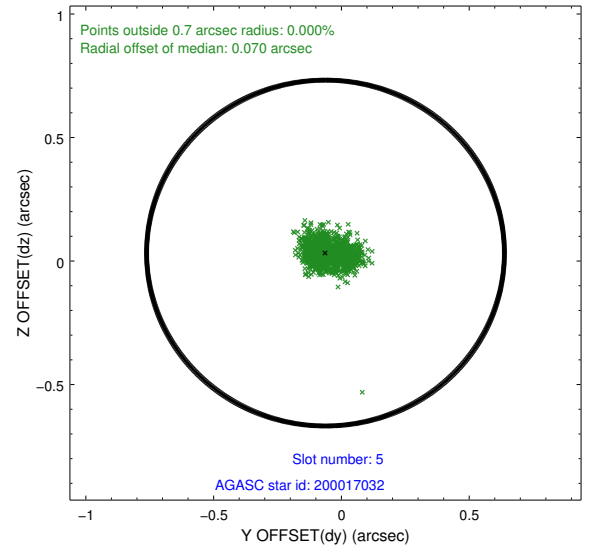
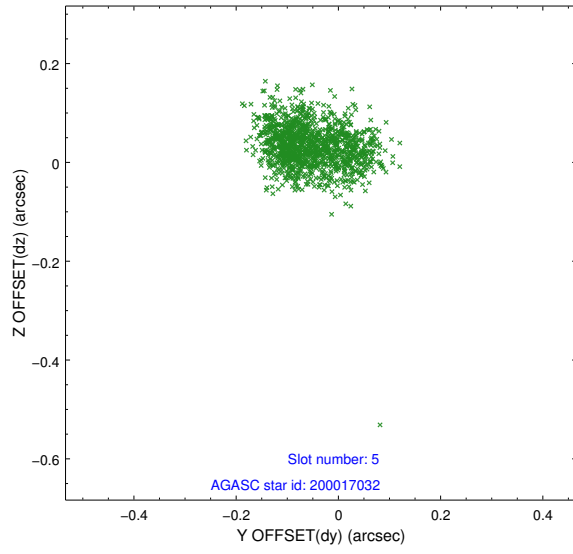
2.4.1 Slot 3



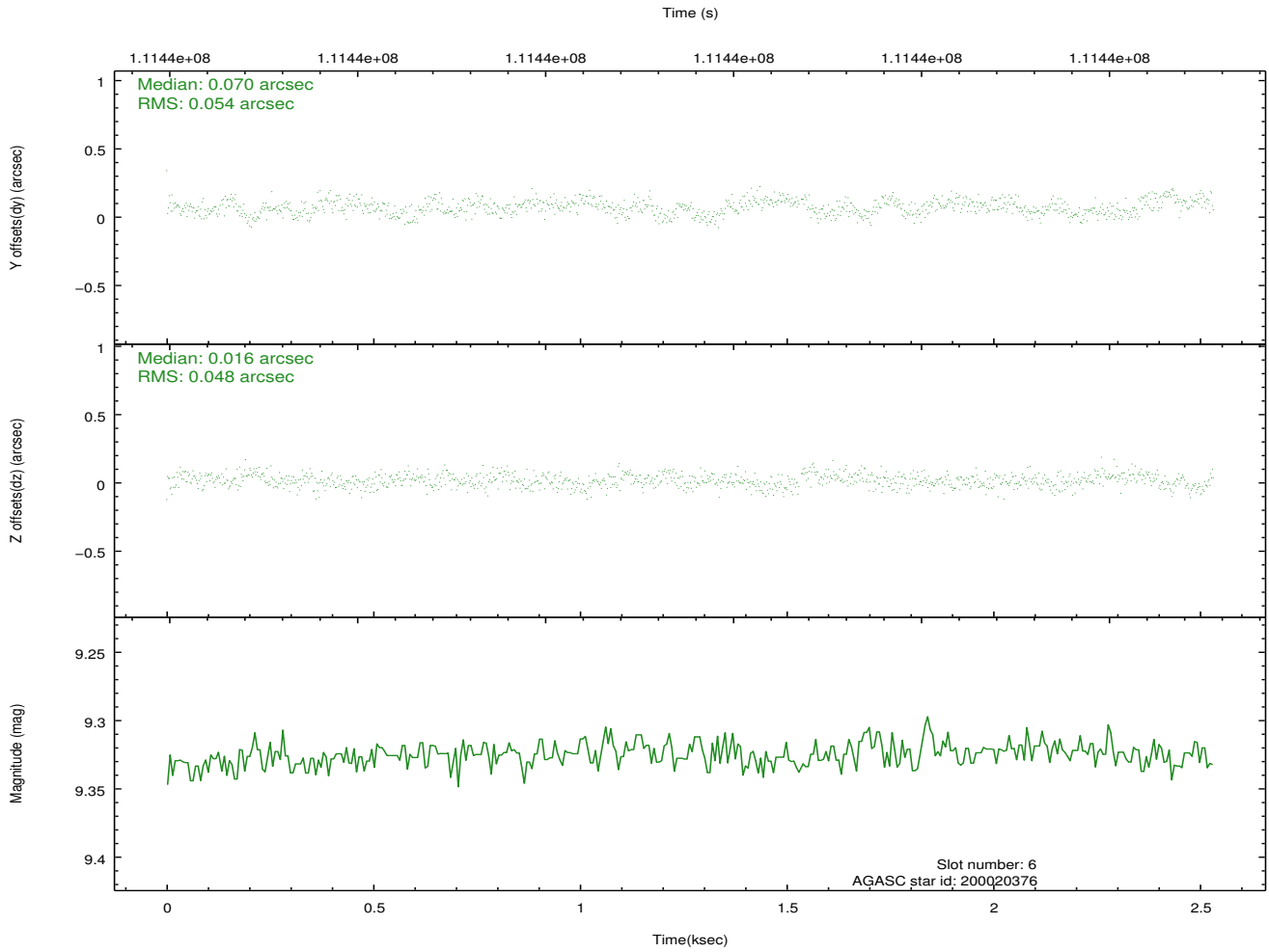
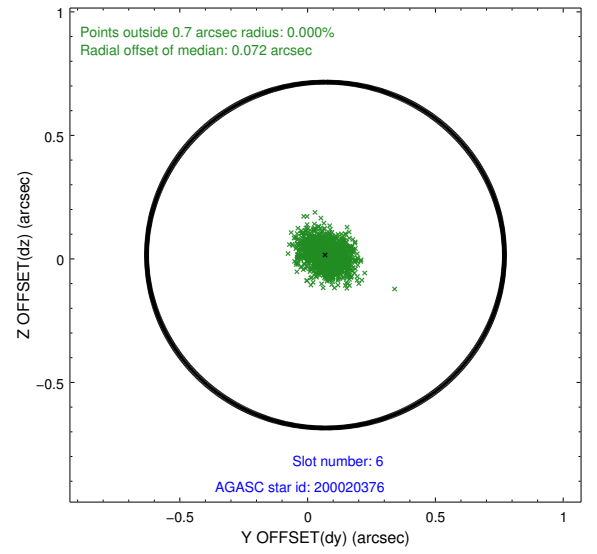
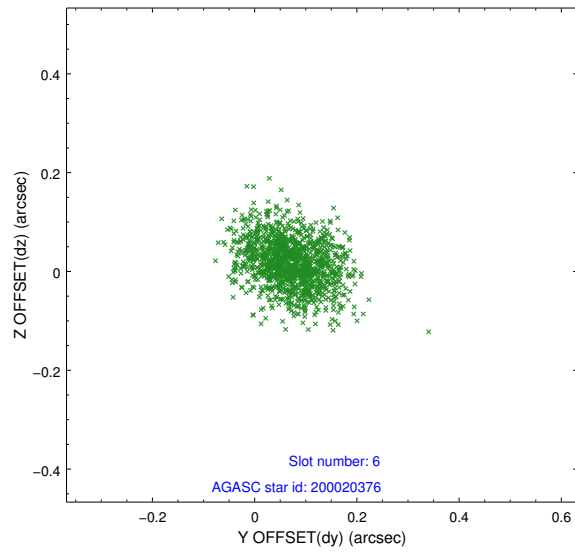
2.4.2 Slot 4



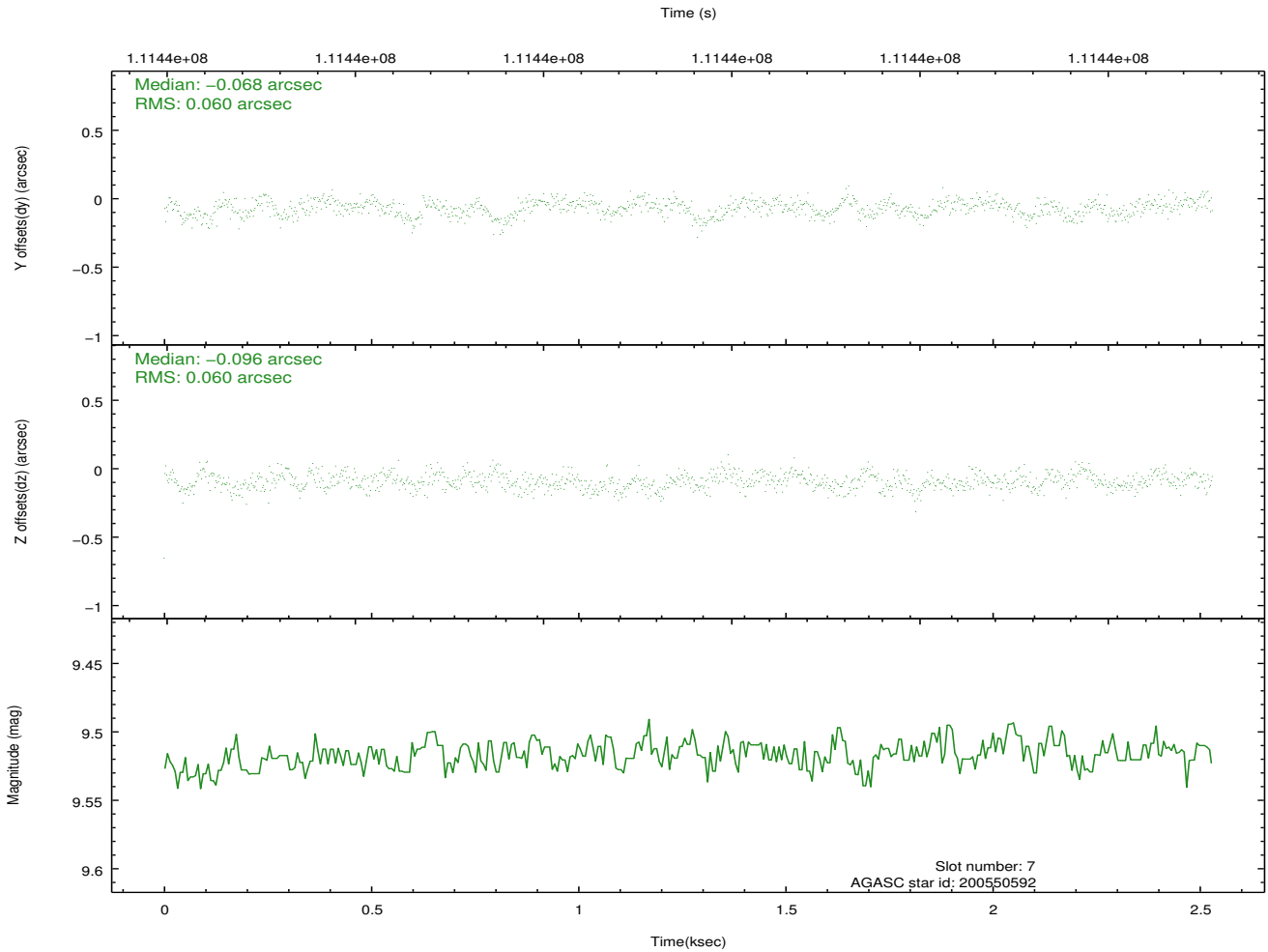
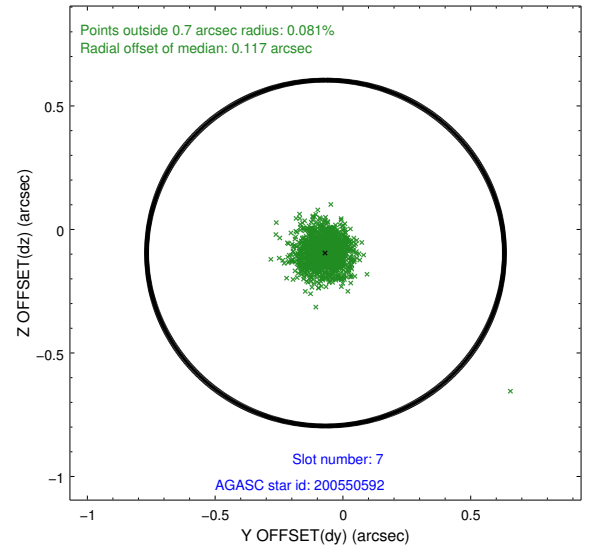
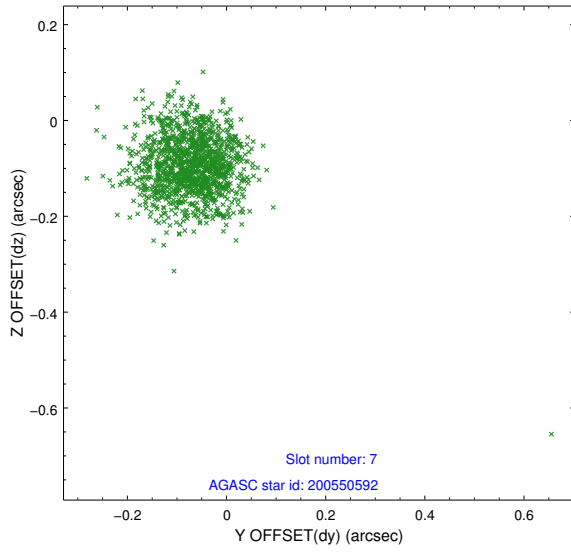
2.4.3 Slot 5



2.4.4 Slot 6

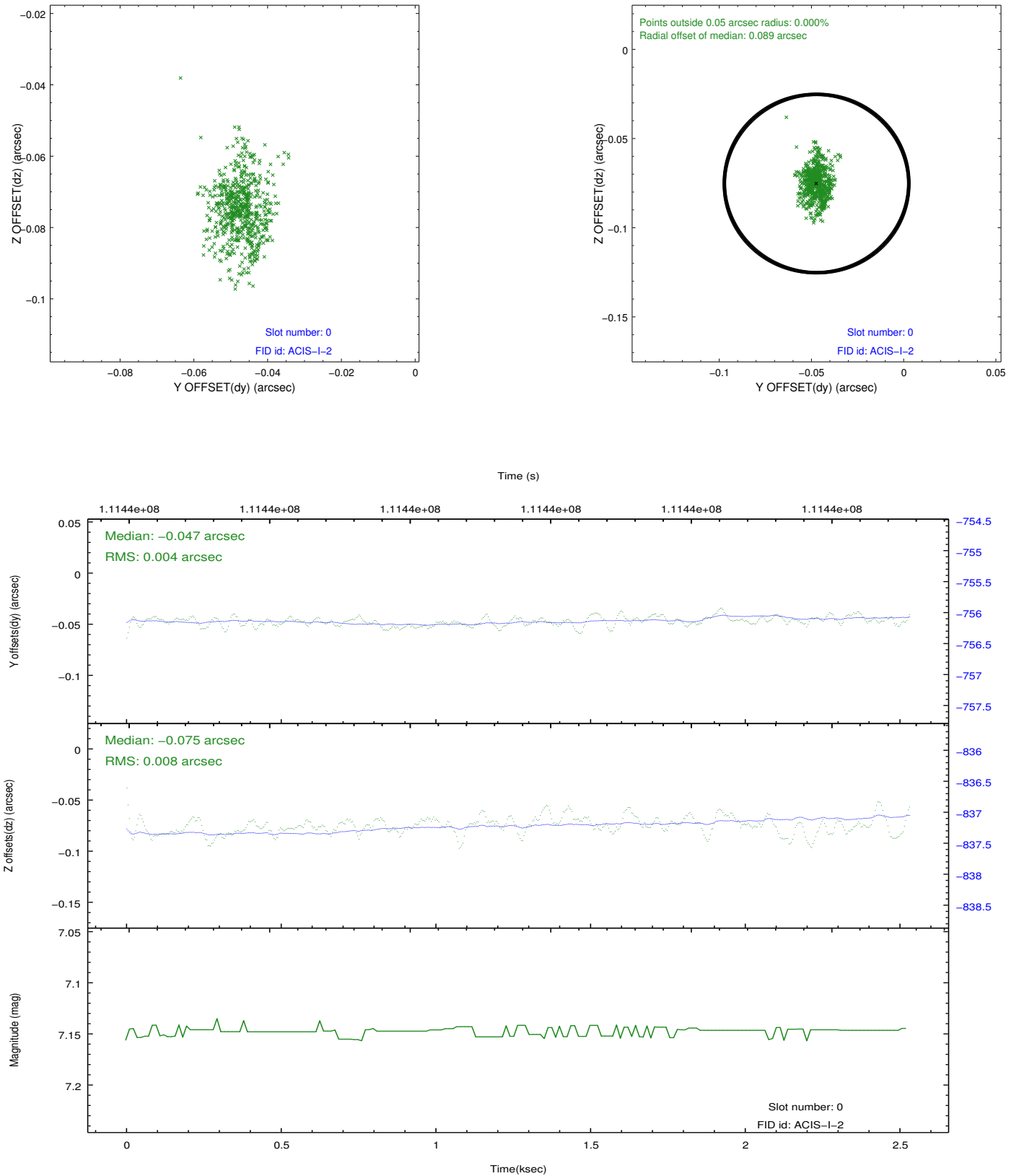


2.4.5 Slot 7

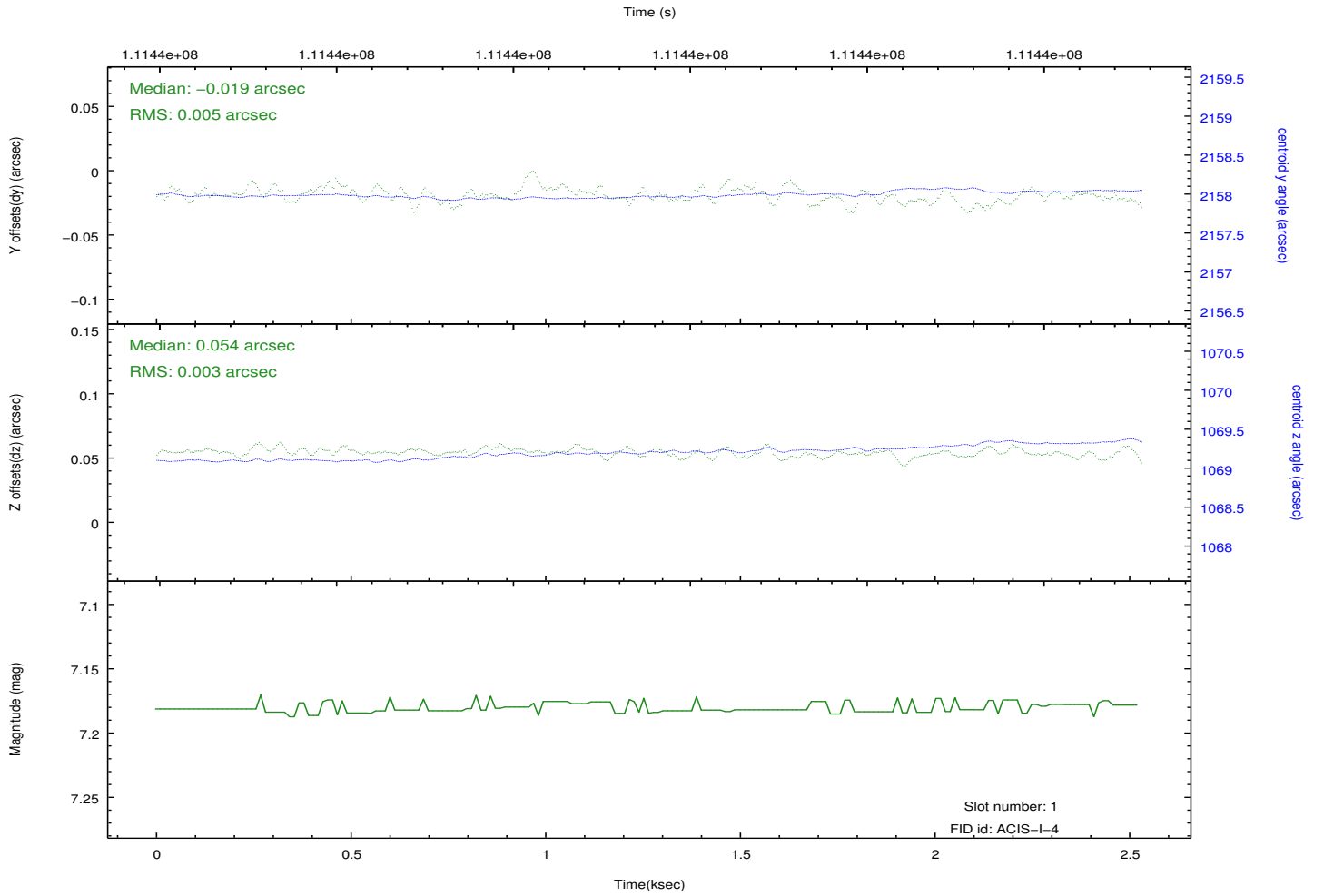
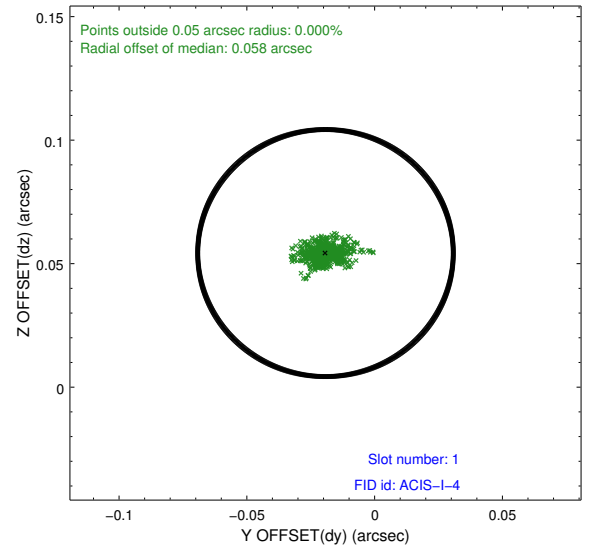
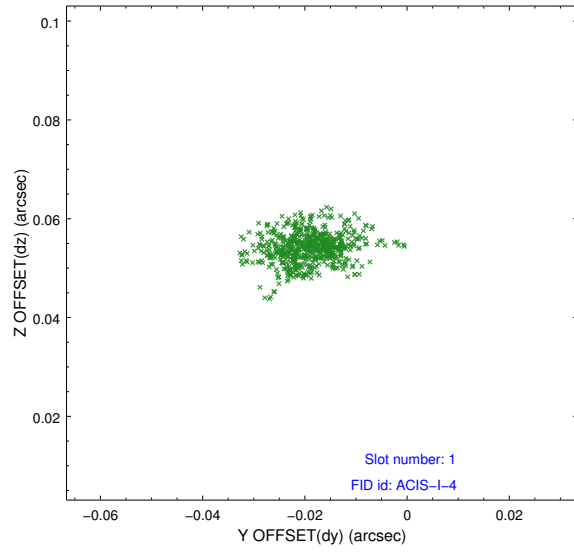


2.5 FID Slots

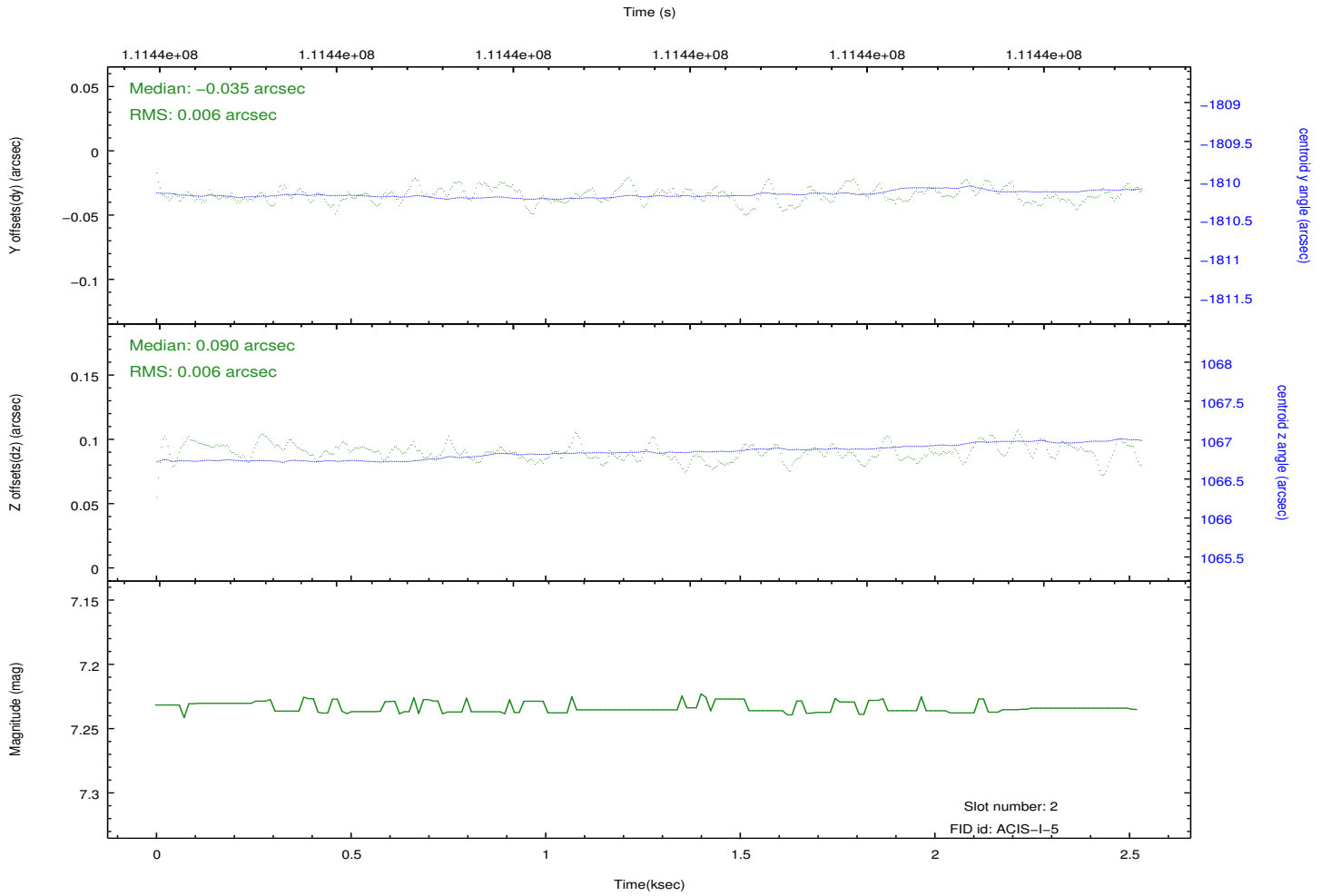
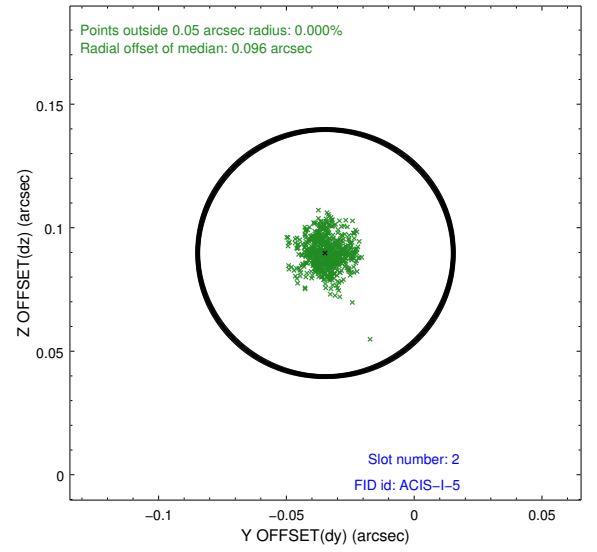
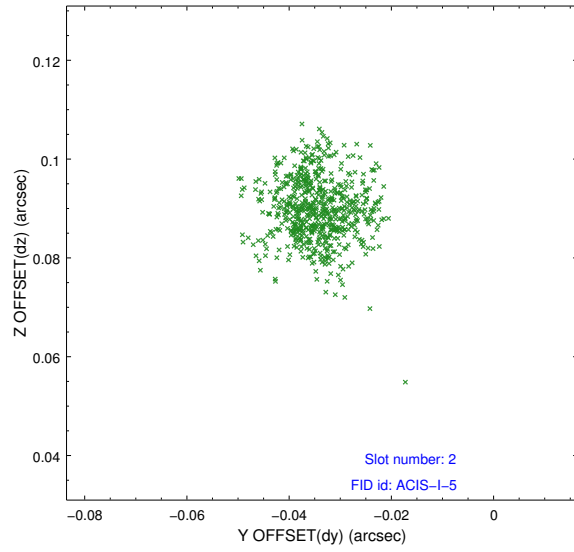
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.5

A.2 Comments