

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4793 - L2 Version 4
Chandra X-Ray Center

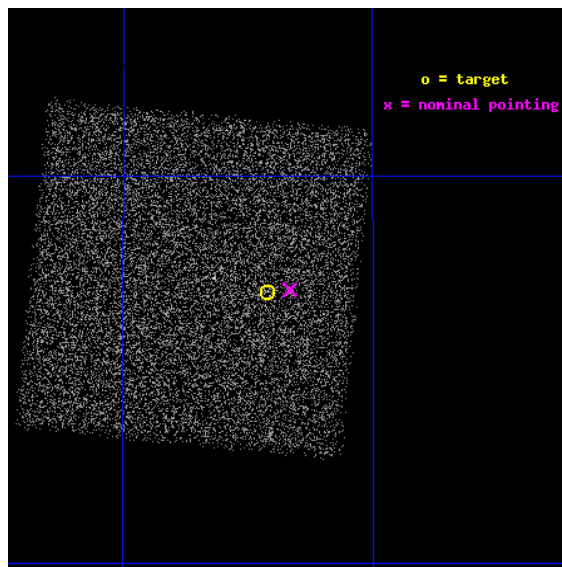
L2 Processing Date : Dec 1 2012

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1 Front

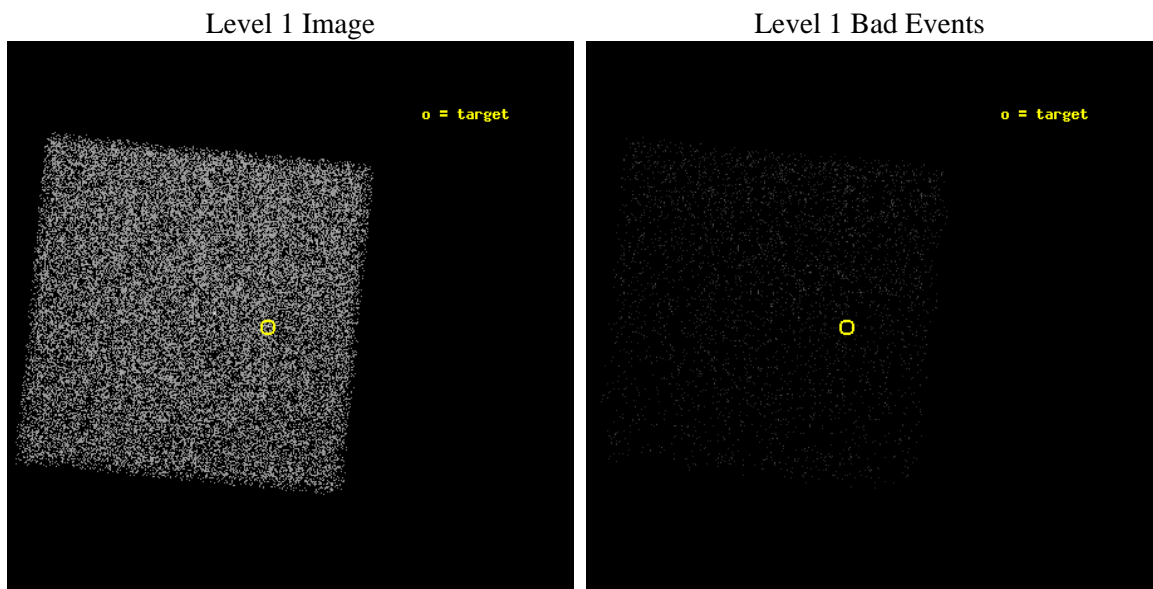
seq_num	700876	Sequence number
obs_id	4793	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1525-7250	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	231.1775	Observer's specified target RA [deg]
dec_targ	29.450472	Observer's specified target Dec [deg]
ra_nom	231.1665507867	Nominal RA [deg]
dec_nom	29.451185672677	Nominal Dec [deg]
roll_nom	185.56840683758	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4308.0	Sum of GTIs [s]
livetime	4249.8618893537	Livetime [s]
ontime7	4308.0	Sum of GTIs [s]
l2events	21223	Number of level 2 events



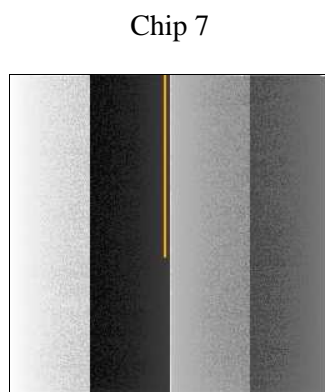
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4132.281000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4308.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4308.0	Sum of GTIs [s]
date	2012-12-01T08:04:50	Date and time of file creation	l1events	52042	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

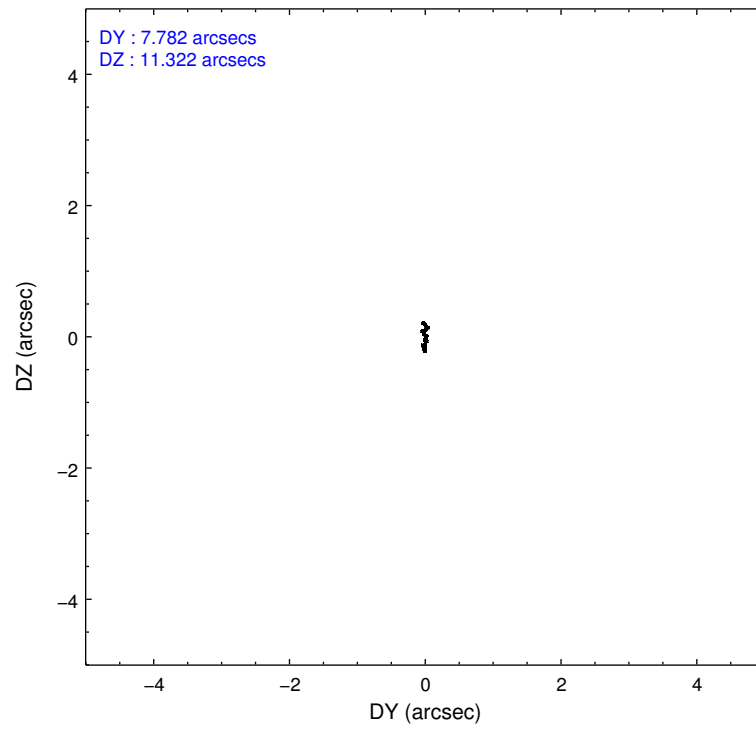
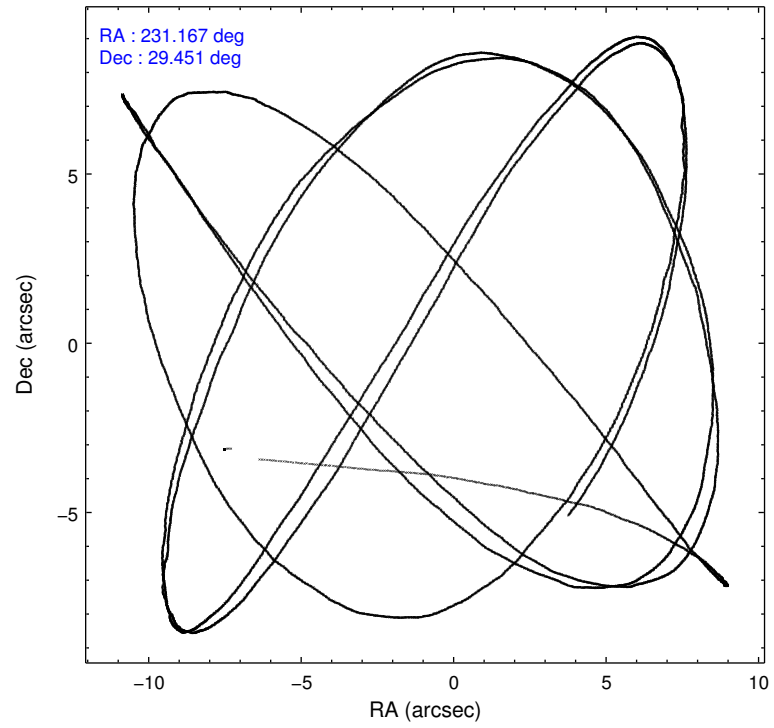
	ccd 7
level 1 events	52042
rejected events	30359
rejected %	58%

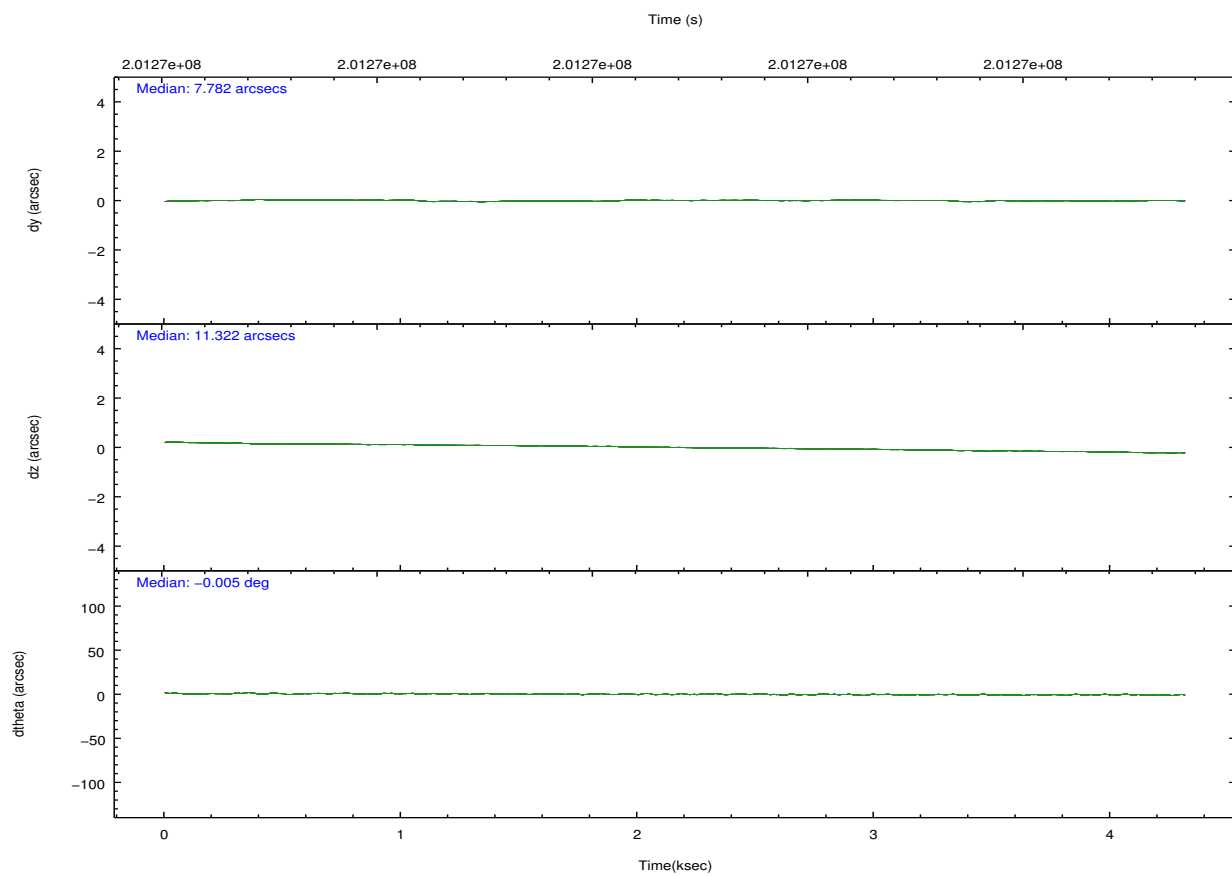
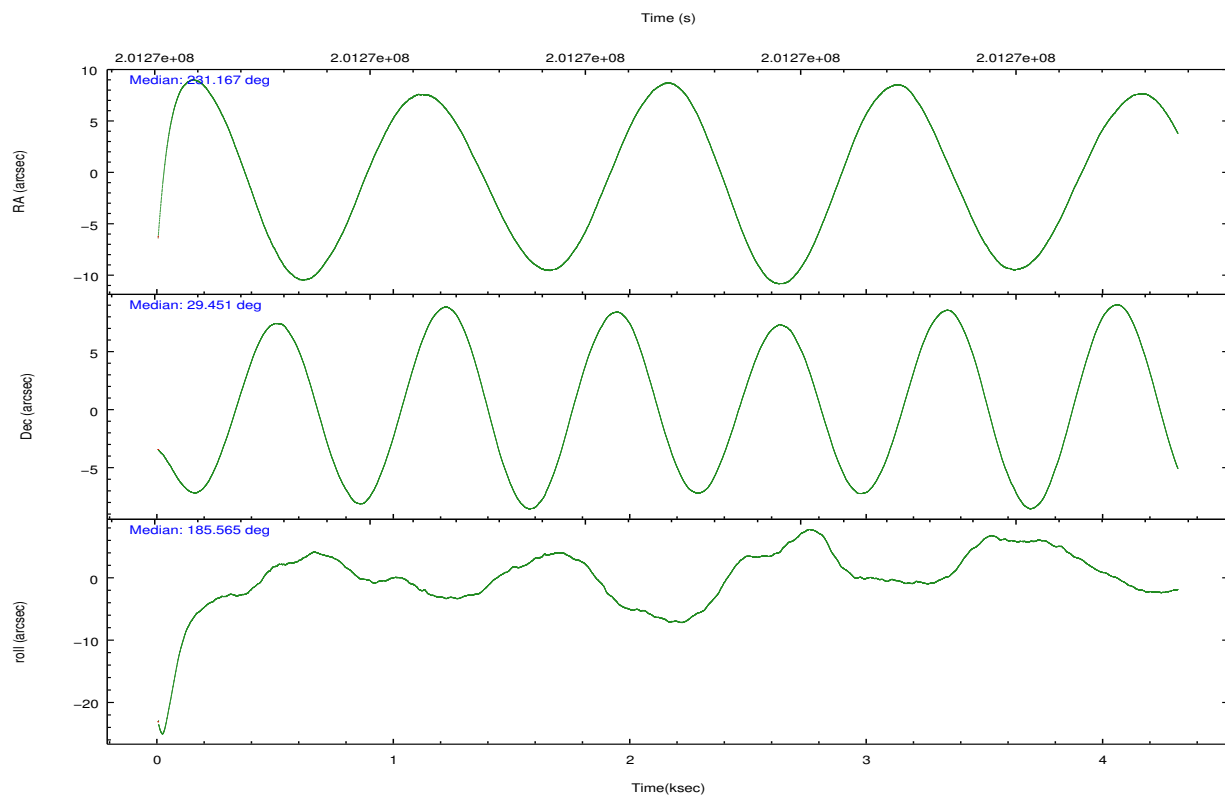
	ccd 7
grade 0 events	2249
	4%
grade 1 events	52
	0%
grade 2 events	4602
	8%
grade 3 events	2051
	3%
grade 4 events	2112
	4%
grade 5 events	4630
	8%
grade 6 events	13236
	25%
grade 7 events	23110
	44%

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	231.191625	231.1665507867043	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.467368	29.45118567267721	Alternating exposures requested	N	N
[deg] Pointing Roll	185.399493	185.5684068375809	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	201266411.184000	201265404.28507			
Observation start date	2004-05-18T11:19:07	2004-05-18T11:03:24			
[s] Observation end time (MET)	201270544.184000	201270858.31031			
Observation end date	2004-05-18T12:28:00	2004-05-18T12:34:18			
Read mode	TIMED	TIMED			

2.3 Aspect



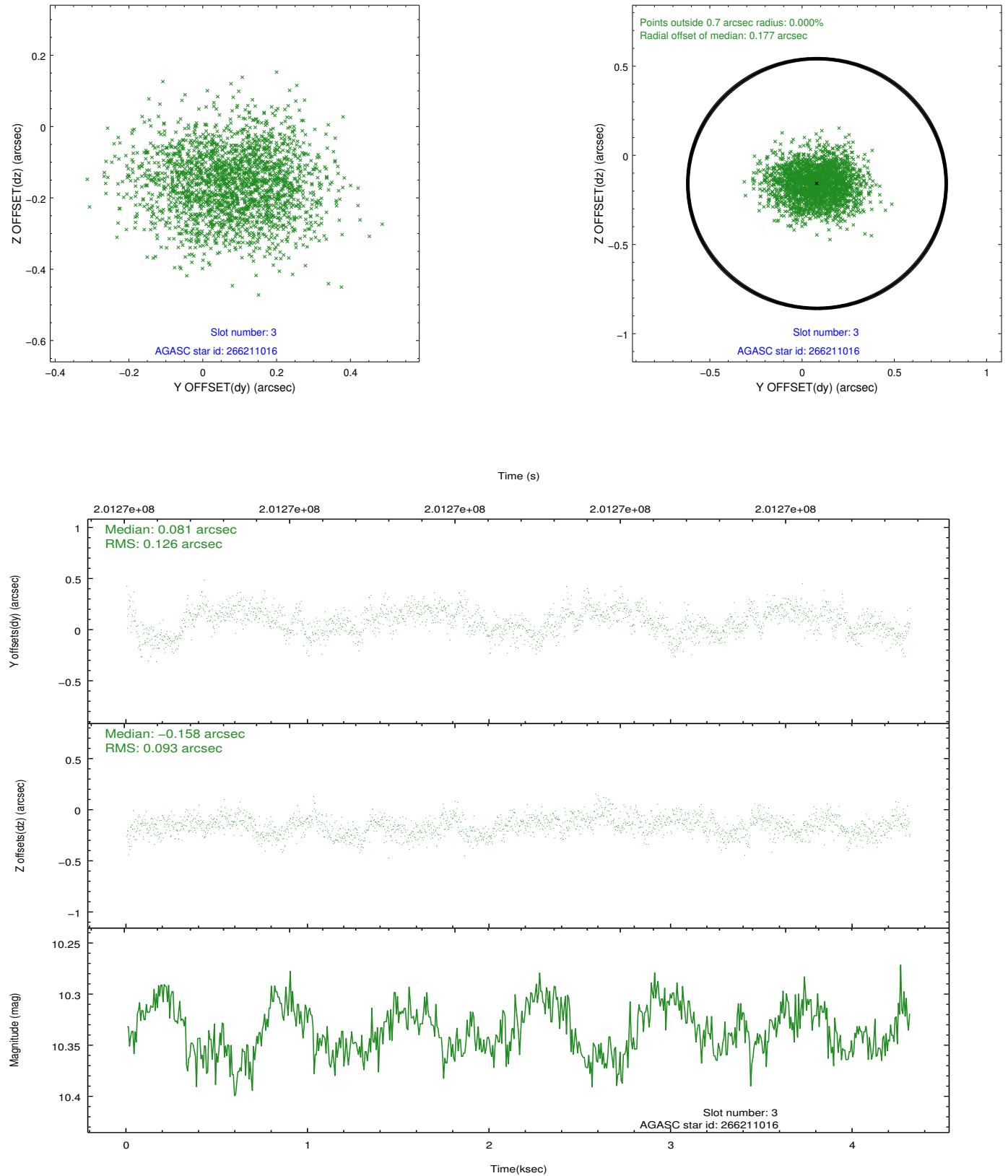


Slot Statistics

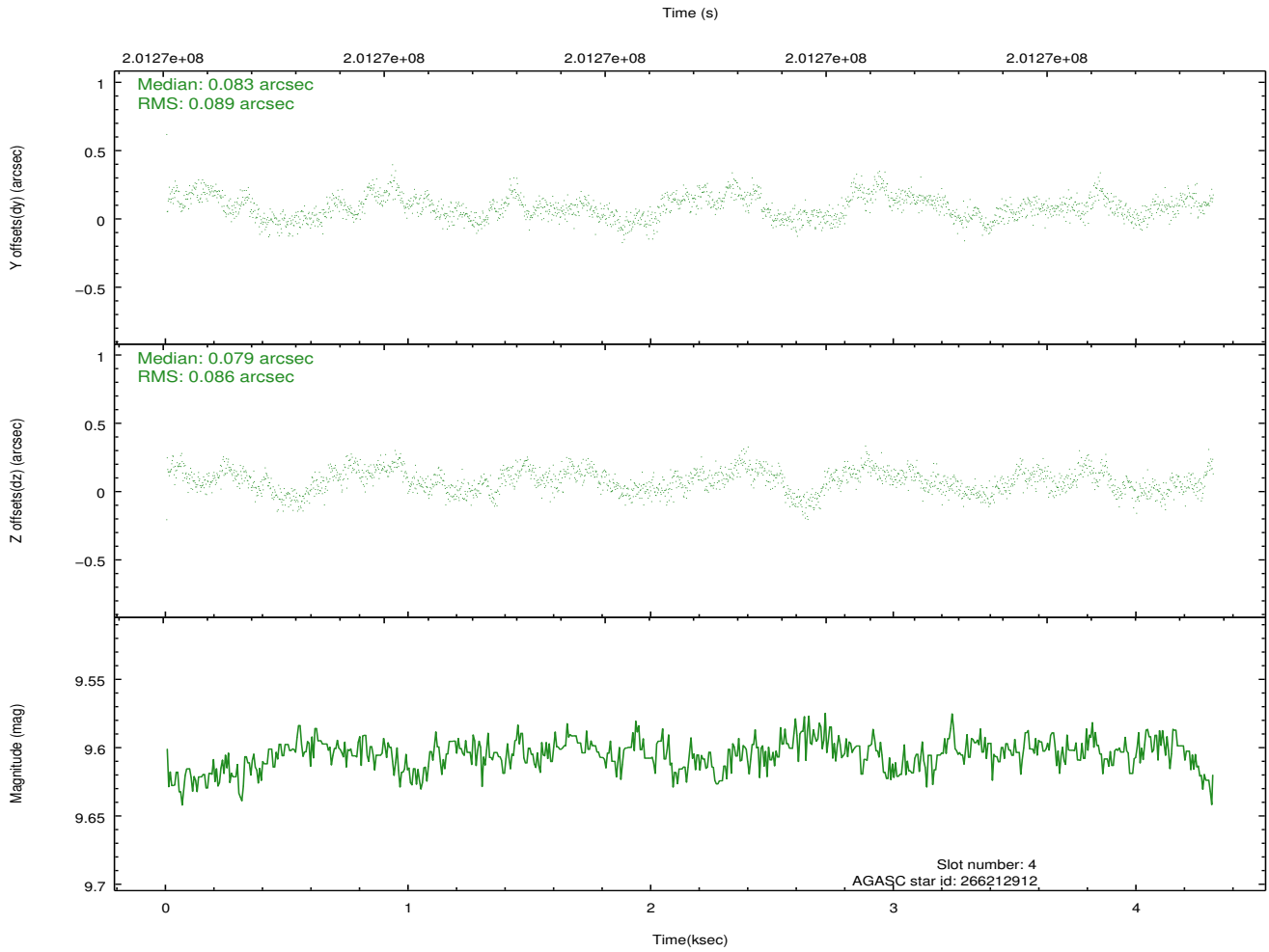
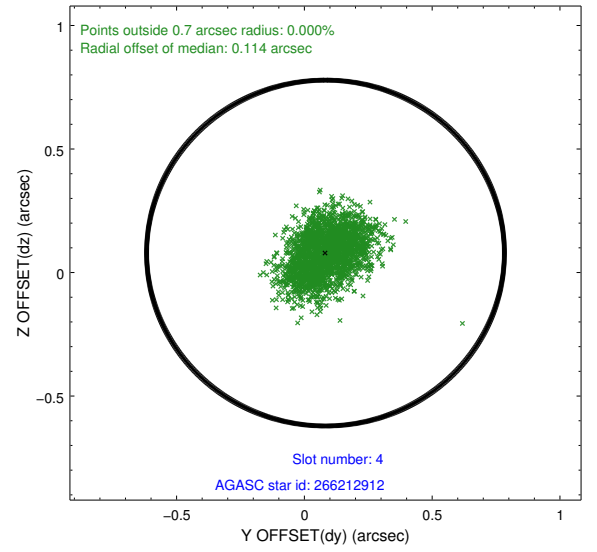
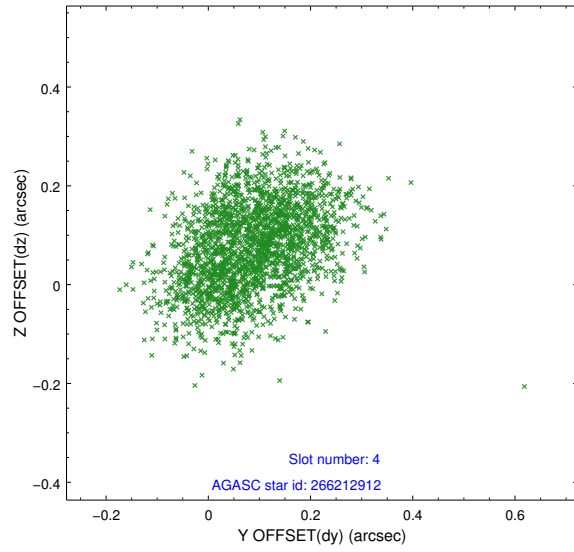
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1053	-0.026	-0.008	0.008	0.012	0.000000	0.000000	-760.55	-1732.57
1	FID	ACIS-S-4	7.20	1053	0.077	0.015	0.005	0.011	0.000000	0.000000	2152.15	174.49
2	FID	ACIS-S-5	7.23	1053	-0.082	0.003	0.007	0.012	0.000000	0.000000	-1811.63	169.74
3	GUIDE	266211016	10.34	2100	0.081	-0.158	0.167	0.273	230.541241	29.261947	2103.18	538.47
4	GUIDE	266212912	9.60	2105	0.083	0.079	0.133	0.209	231.547551	29.728593	-1194.60	-833.00
5	GUIDE	266215928	8.26	2105	-0.074	0.073	0.093	0.143	231.261301	29.146197	-109.32	1171.28
6	GUIDE	266216280	9.10	2105	-0.093	0.076	0.090	0.153	230.814626	29.031614	1329.77	1449.02
7	GUIDE	266350560	10.83	2102	0.003	-0.072	0.227	0.359	231.729637	28.979572	-1520.77	1904.40

2.4 Star Slots

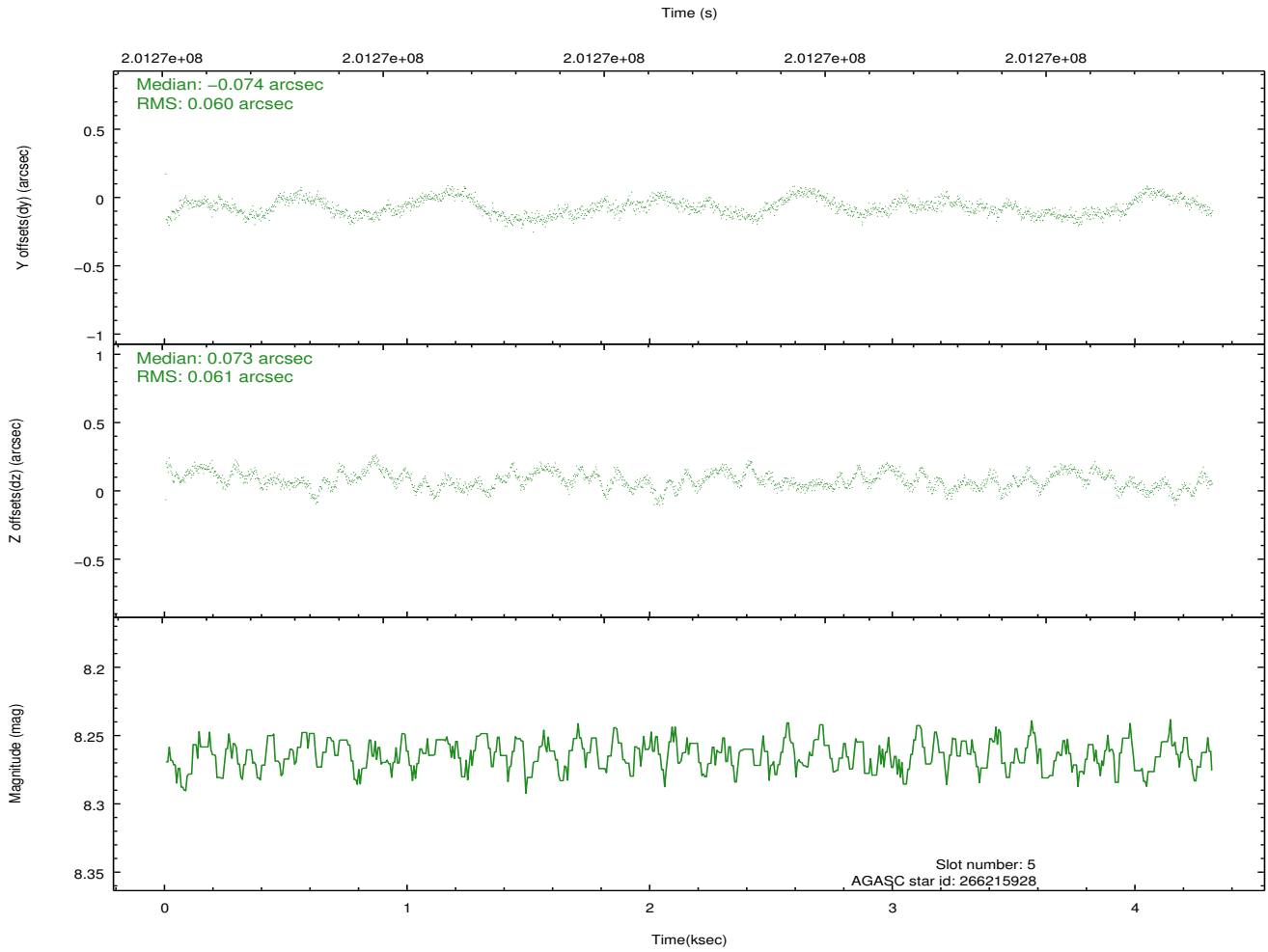
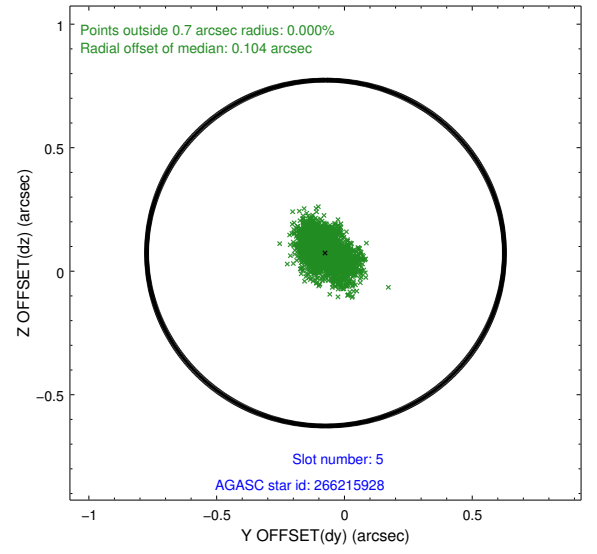
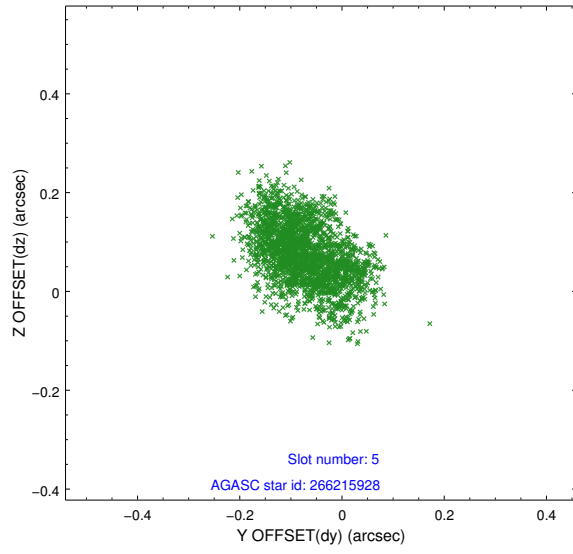
2.4.1 Slot 3



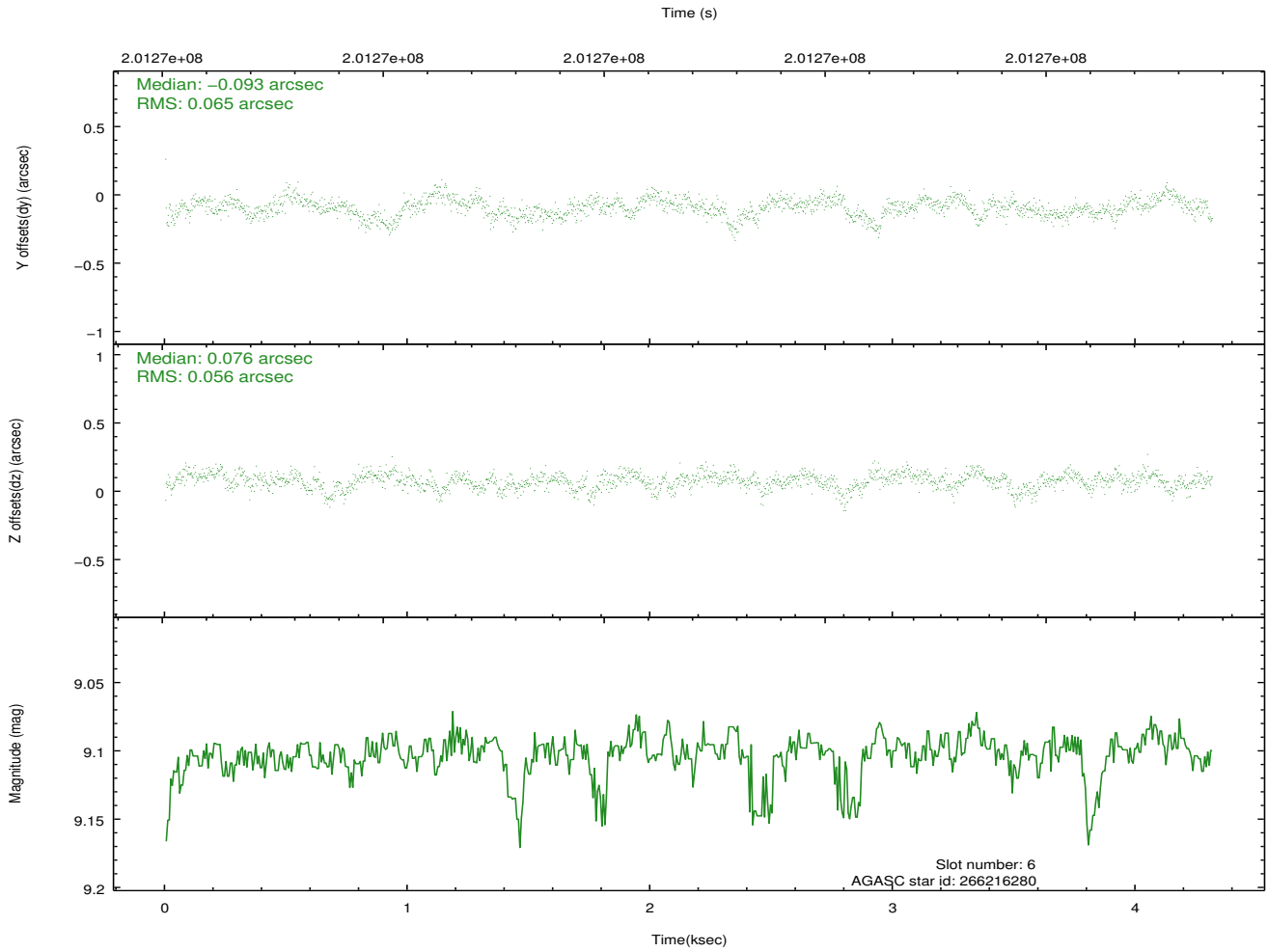
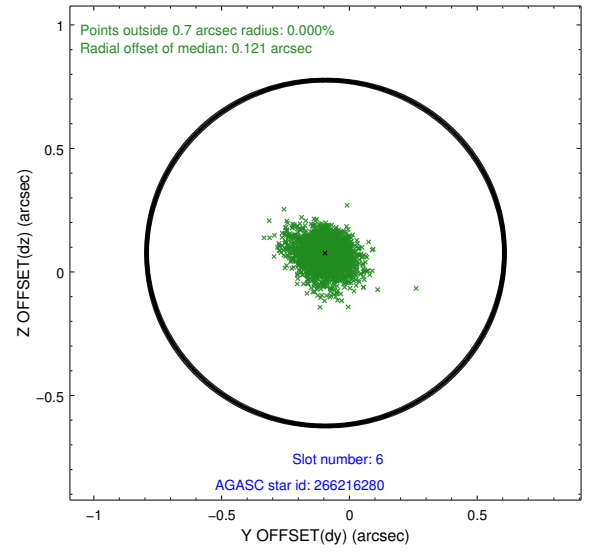
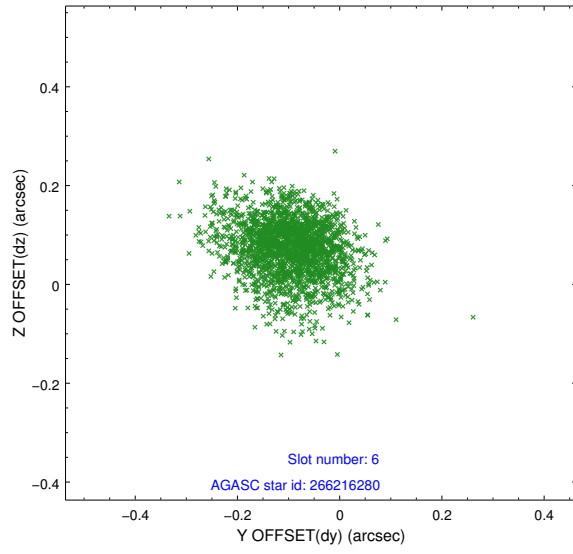
2.4.2 Slot 4



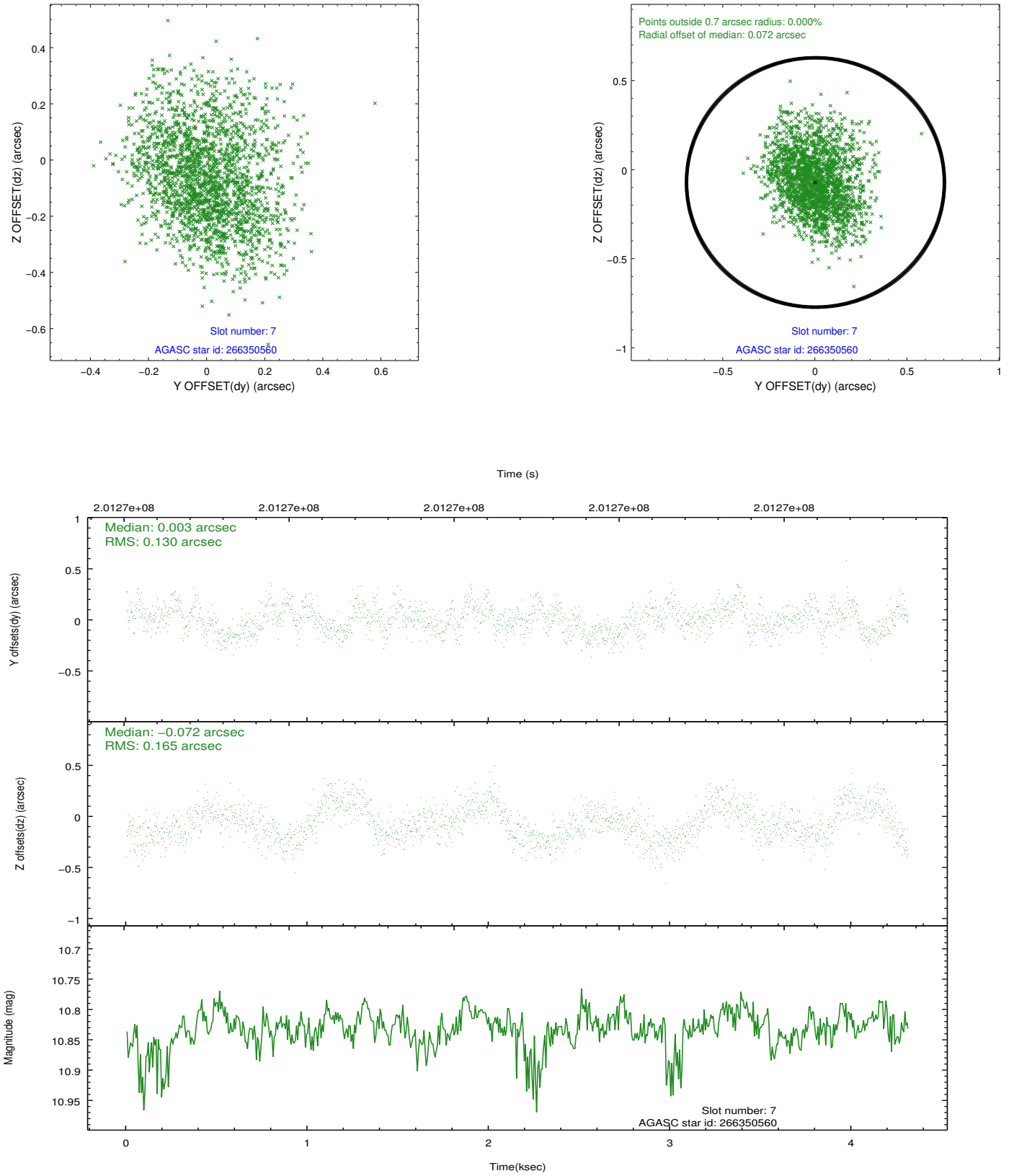
2.4.3 Slot 5



2.4.4 Slot 6

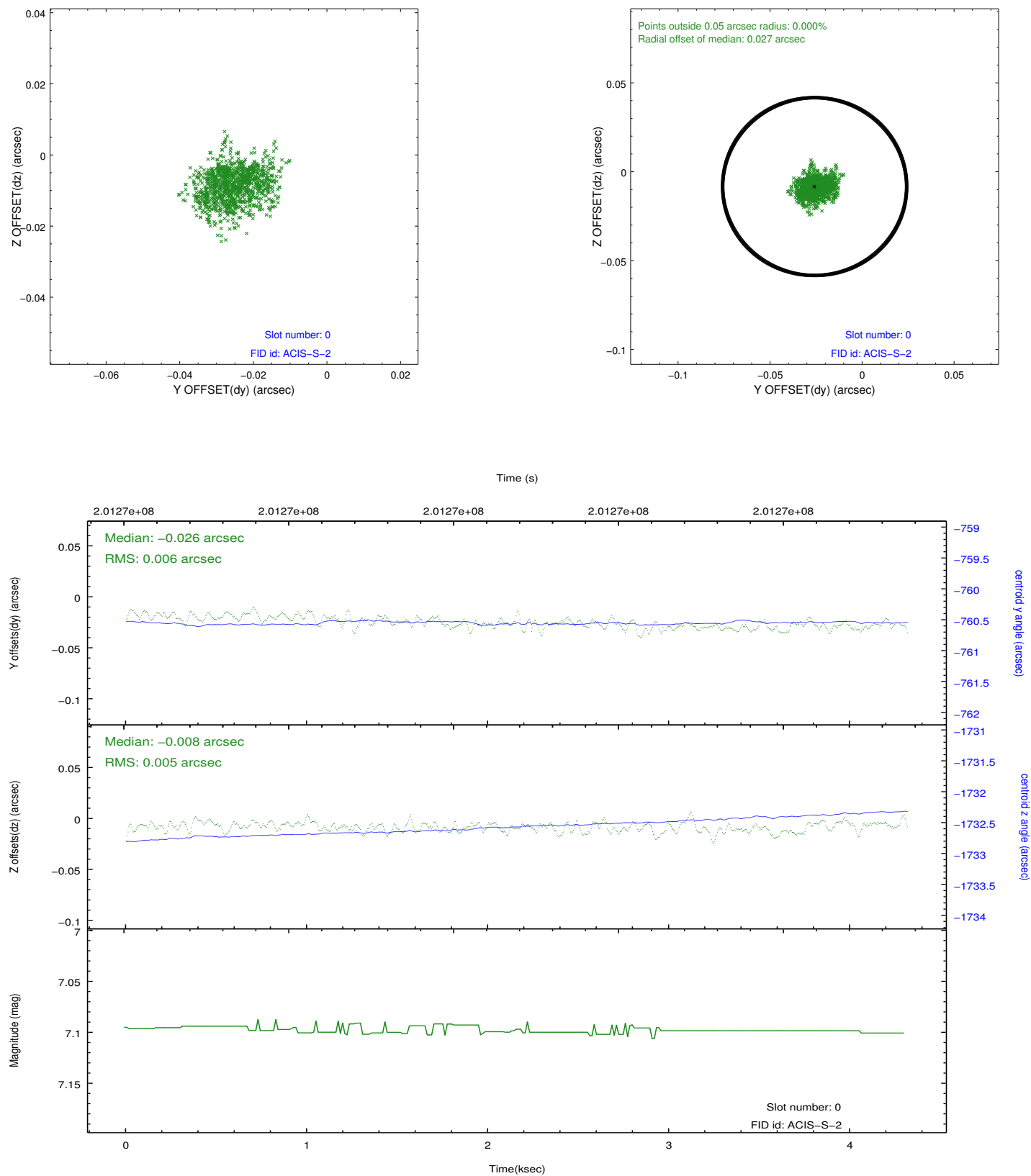


2.4.5 Slot 7

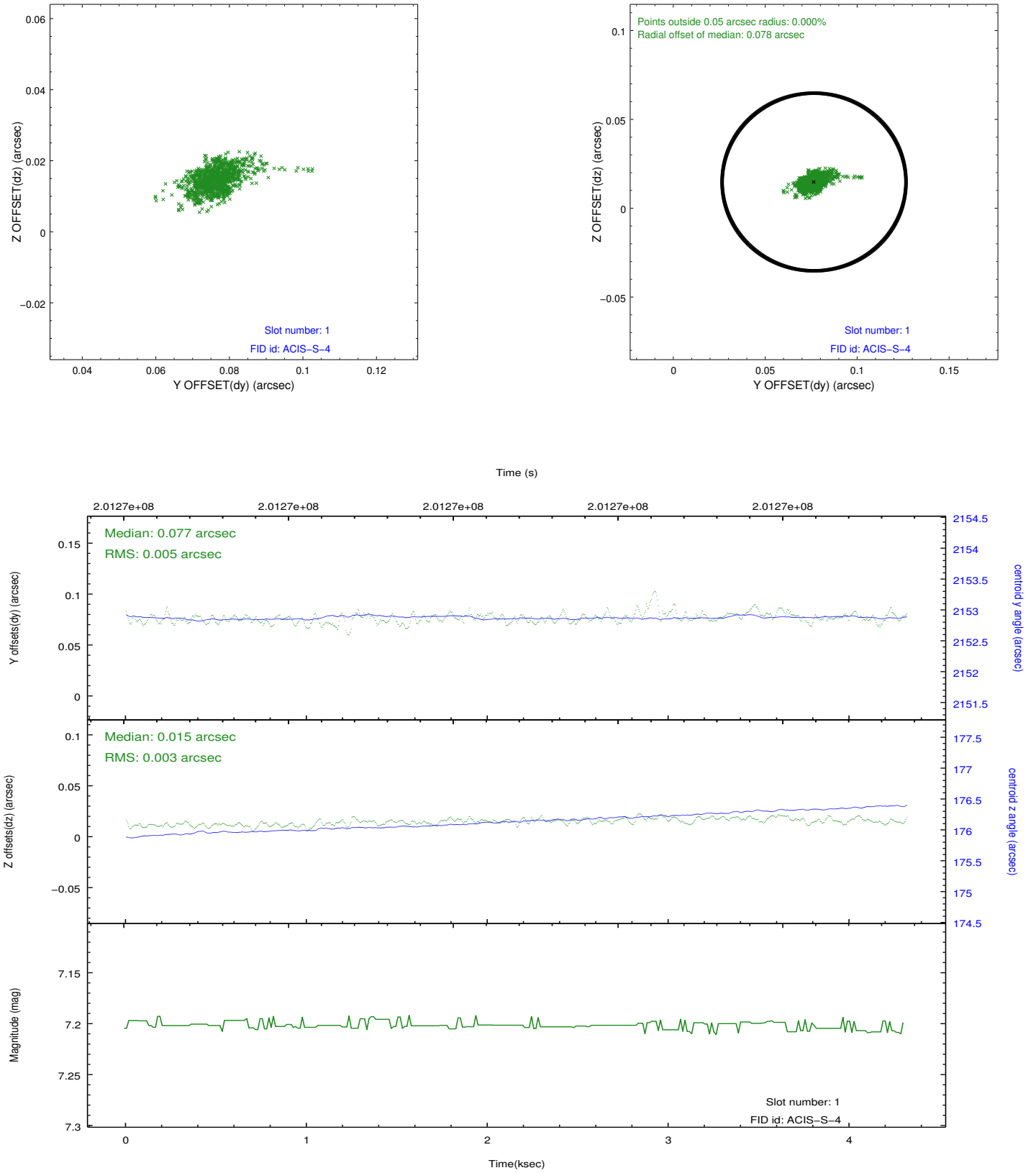


2.5 FID Slots

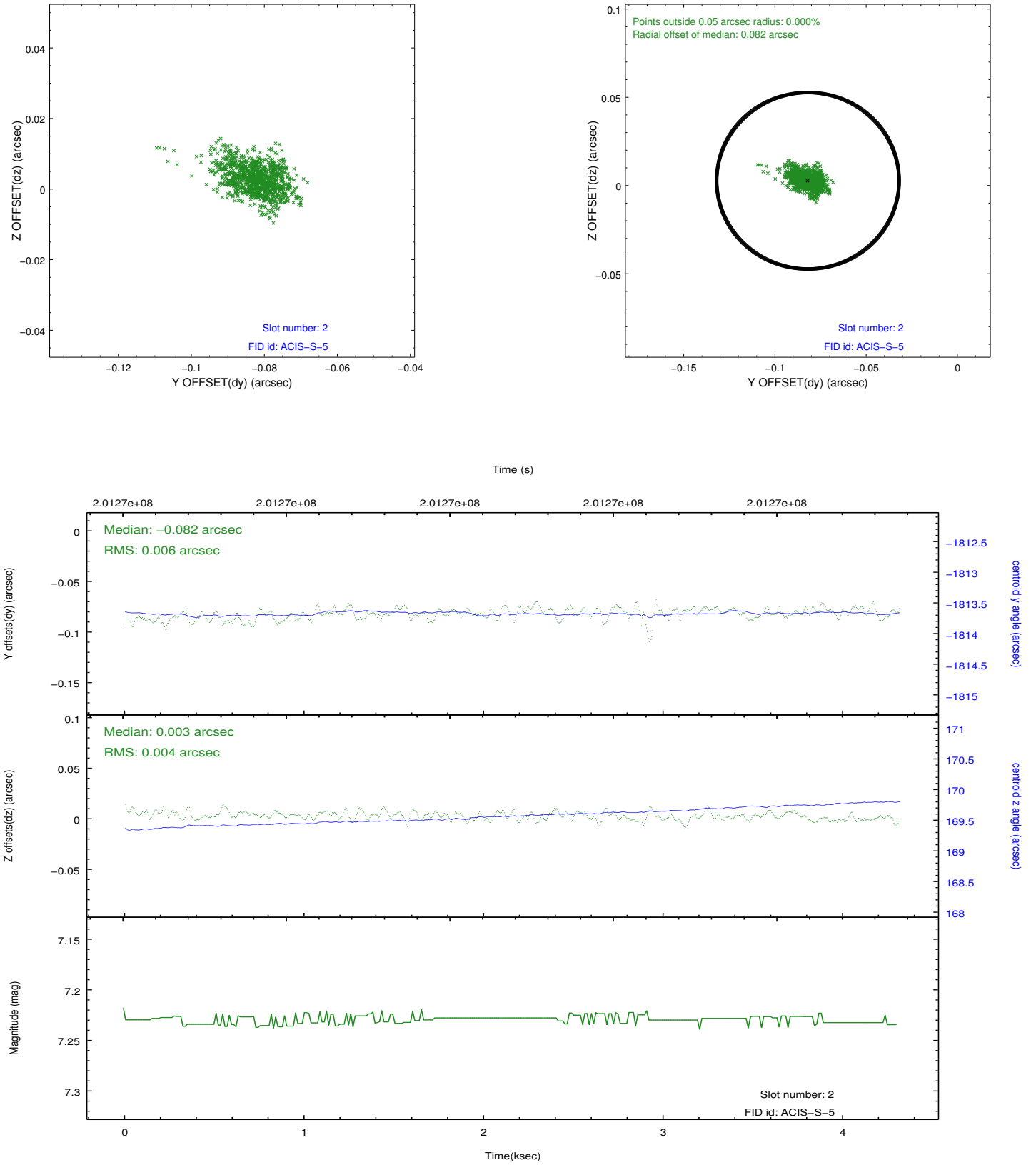
2.5.1 Slot 0



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)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.308

A.2 Comments