

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4141 - L2 Version 3
Chandra X-Ray Center

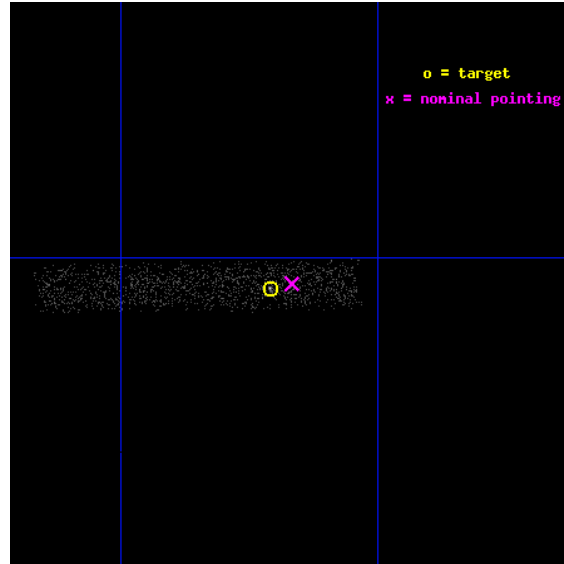
L2 Processing Date : Oct 29 2012

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1 Front

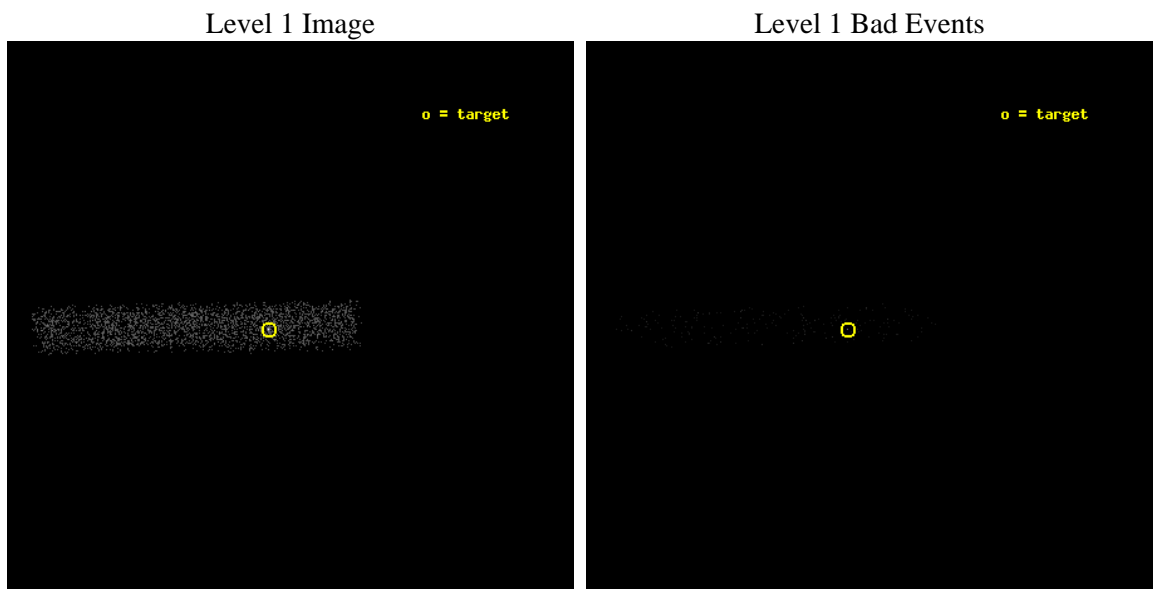
seq_num	700820	Sequence number
obs_id	4141	Observation id
title	CHANDRA OBSERVATIONS OF THE FIRST SAMPLE OF RADIO-LOUD NARROW LINE SEYFERT I GALAXIES	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	FIRST J164442+261913	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.177083	Observer's specified target RA [deg]
dec_targ	26.320333	Observer's specified target Dec [deg]
ra_nom	251.16666508242	Nominal RA [deg]
dec_nom	26.322252008924	Nominal Dec [deg]
roll_nom	179.04474290146	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3248.8000483811	Sum of GTIs [s]
livetime	2946.4901581545	Livetime [s]
ontime7	3248.8000483811	Sum of GTIs [s]
l2events	2120	Number of level 2 events



2 OBI

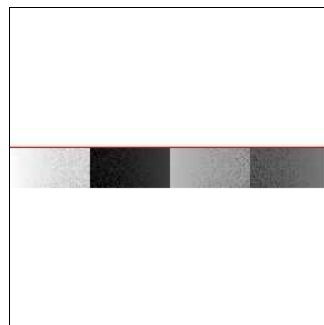
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3248.8000483811	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3248.8000483811	Sum of GTIs [s]
date	2012-10-29T04:25:21	Date and time of file creation	l1events	4731	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

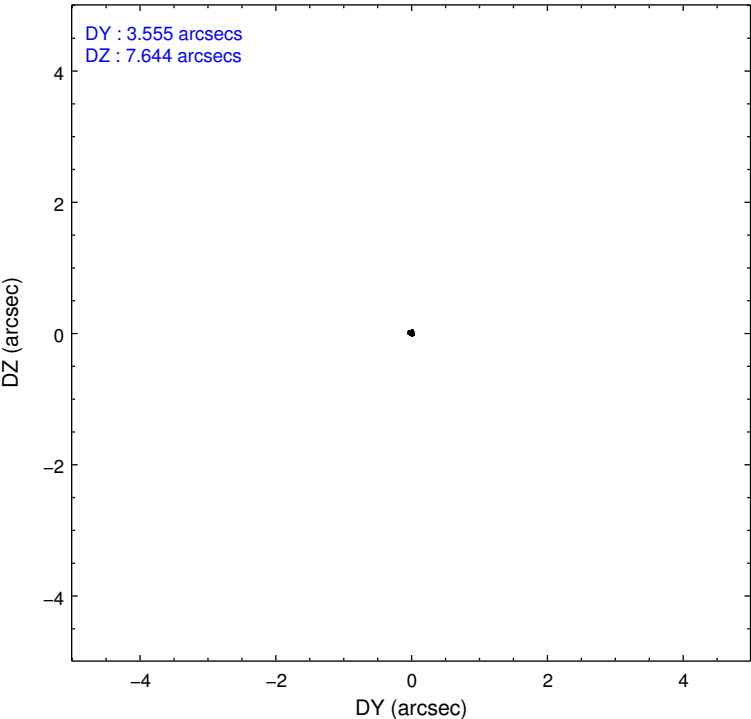
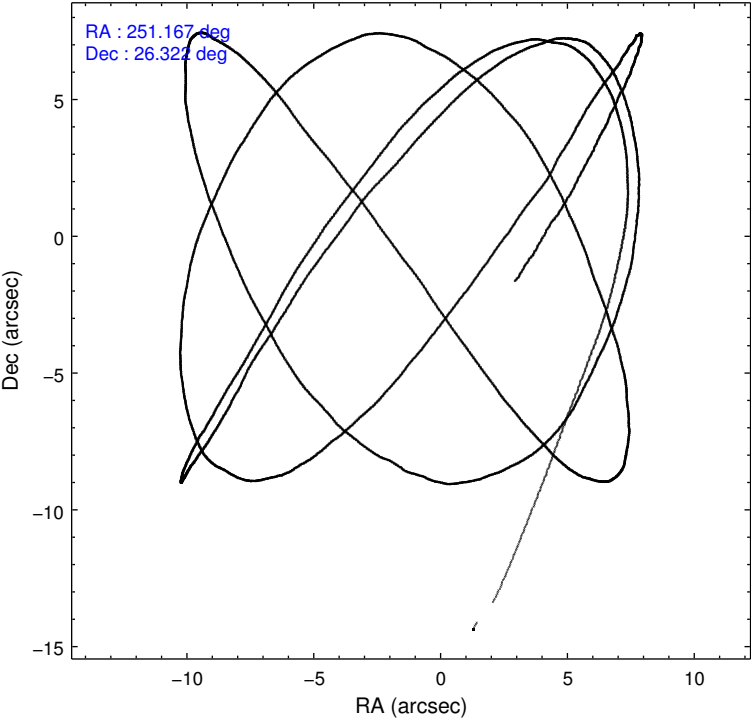
	ccd 7
level 1 events	4731
rejected events	2535
rejected %	53%

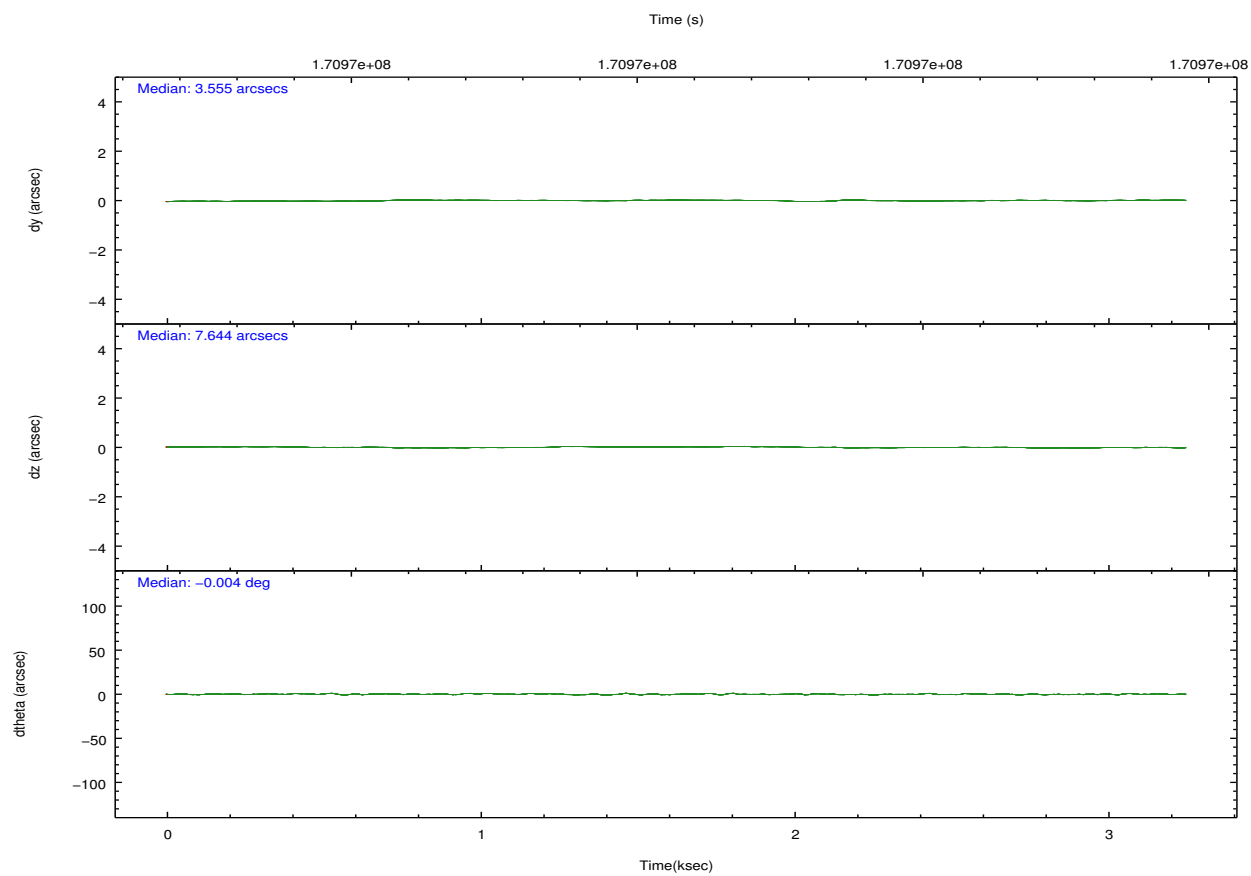
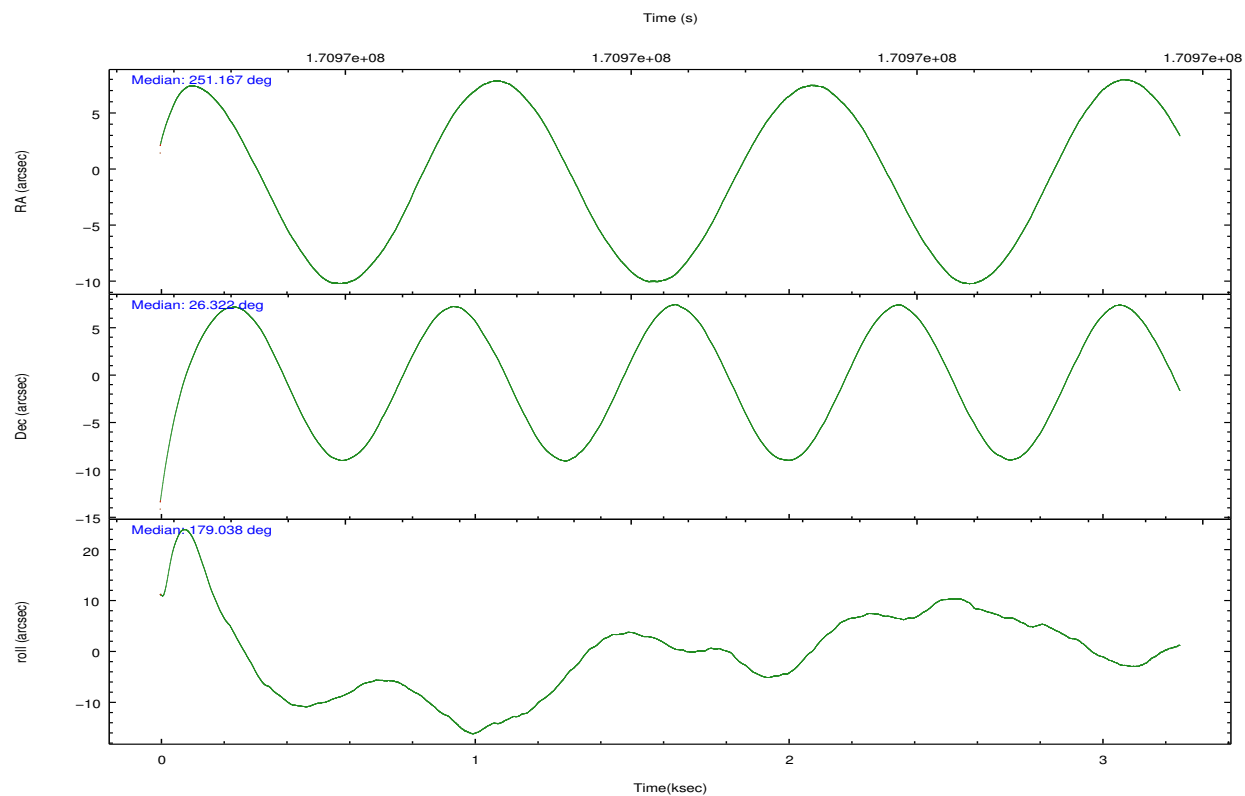
	ccd 7
grade 0 events	411
	8%
grade 1 events	2
	0%
grade 2 events	504
	10%
grade 3 events	334
	7%
grade 4 events	308
	6%
grade 5 events	411
	8%
grade 6 events	950
	20%
grade 7 events	1811
	38%

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	251.192860	251.1666650824235	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	26.335727	26.32225200892383	Subarray start row	449	449
[deg] Pointing Roll	178.876543	179.0447429014619	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	170970758.184000	170969767.53592			
Observation start date	2003-06-02T19:51:34	2003-06-02T19:36:07			
[s] Observation end time (MET)	170973758.184000	170974679.84863			
Observation end date	2003-06-02T20:41:34	2003-06-02T20:57:59			
Read mode	TIMED	TIMED			

2.3 Aspect



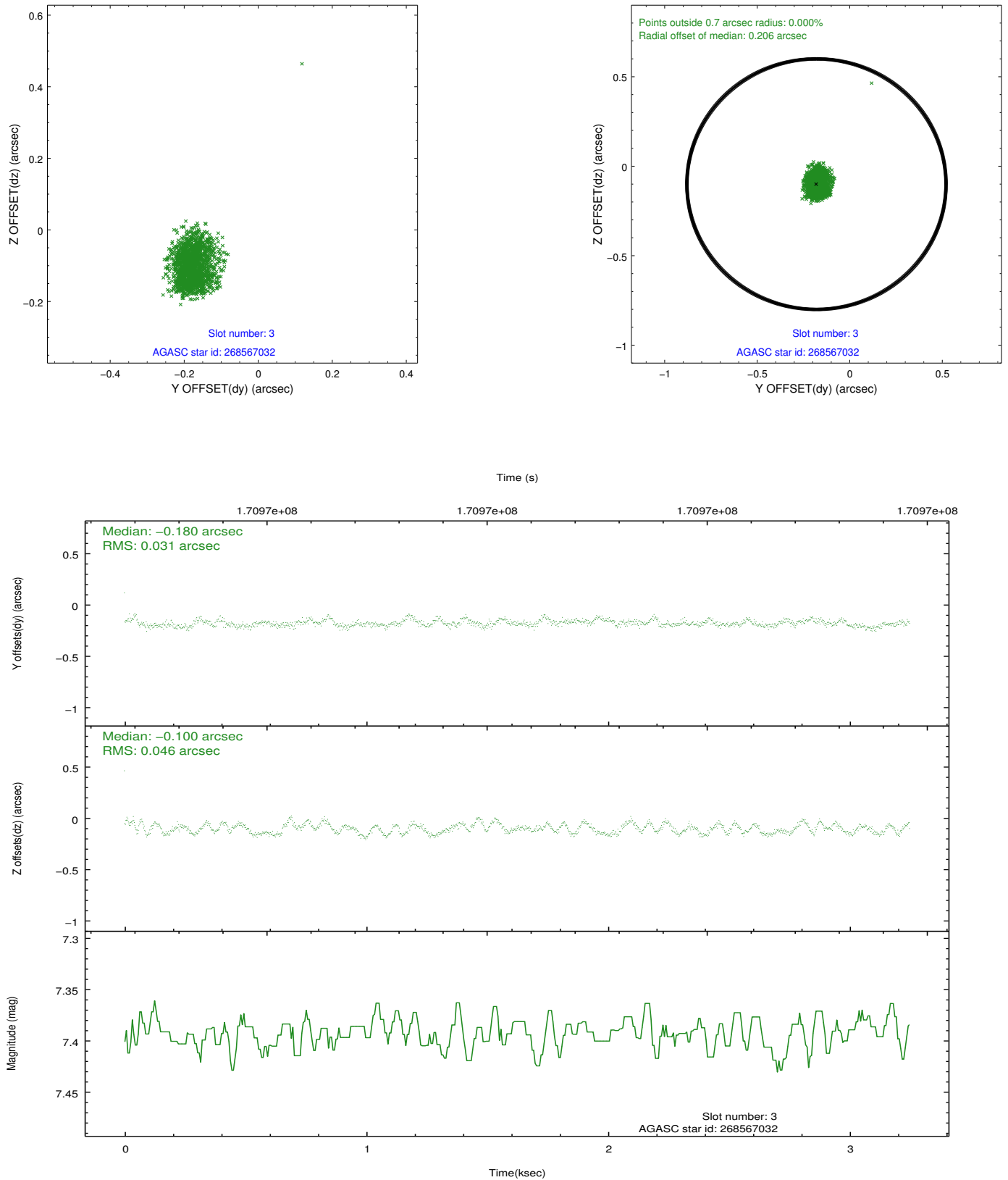


Slot Statistics

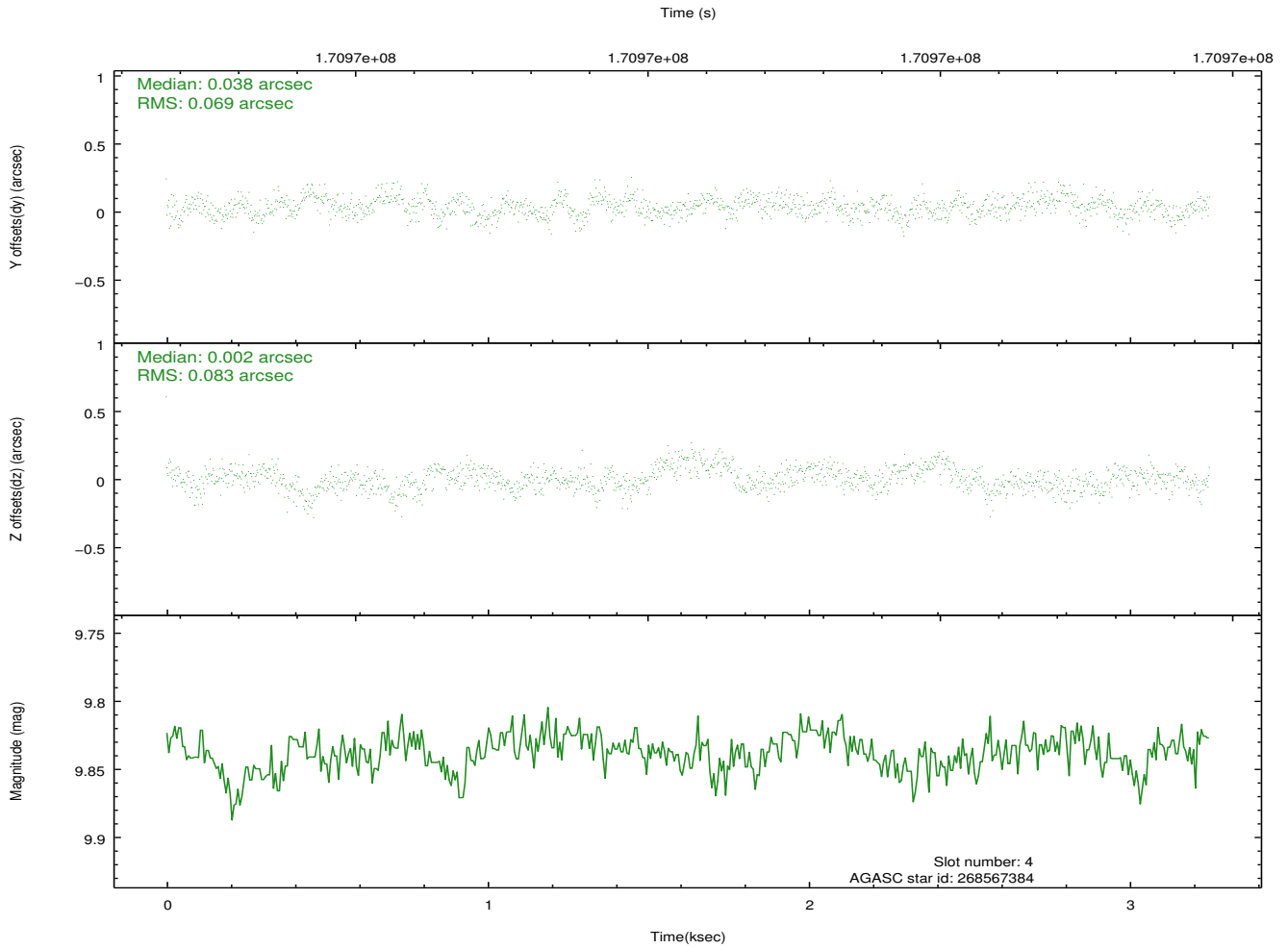
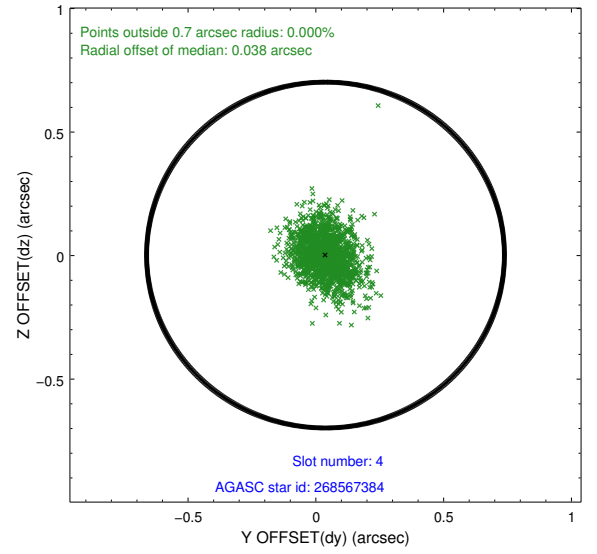
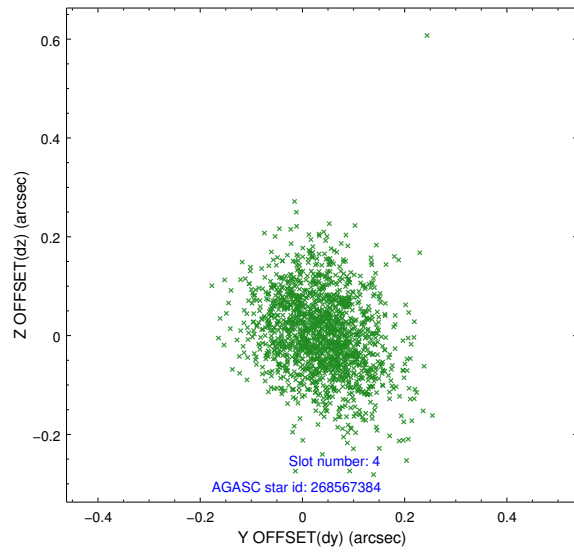
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	793	-0.014	-0.019	0.006	0.010	0.000000	0.000000	-756.23	-1728.85
1	FID	ACIS-S-4	7.21	793	0.037	0.012	0.005	0.010	0.000000	0.000000	2156.22	177.64
2	FID	ACIS-S-5	7.24	793	-0.053	0.015	0.006	0.010	0.000000	0.000000	-1806.58	173.55
3	GUIDE	268567032	7.39	1586	-0.180	-0.100	0.058	0.088	250.729377	25.854932	1467.82	1758.04
4	GUIDE	268567384	9.84	1586	0.038	0.002	0.112	0.188	250.846454	25.998414	1098.44	1236.42
5	GUIDE	270271776	9.43	1582	0.015	0.044	0.082	0.131	251.636069	26.014502	-1454.93	1126.87
6	GUIDE	270795080	8.52	1586	0.034	-0.014	0.070	0.120	251.380384	26.591300	-585.47	-930.82
7	GUIDE	270795048	9.75	1585	0.088	0.070	0.100	0.165	251.883150	26.568233	-2205.04	-886.88

2.4 Star Slots

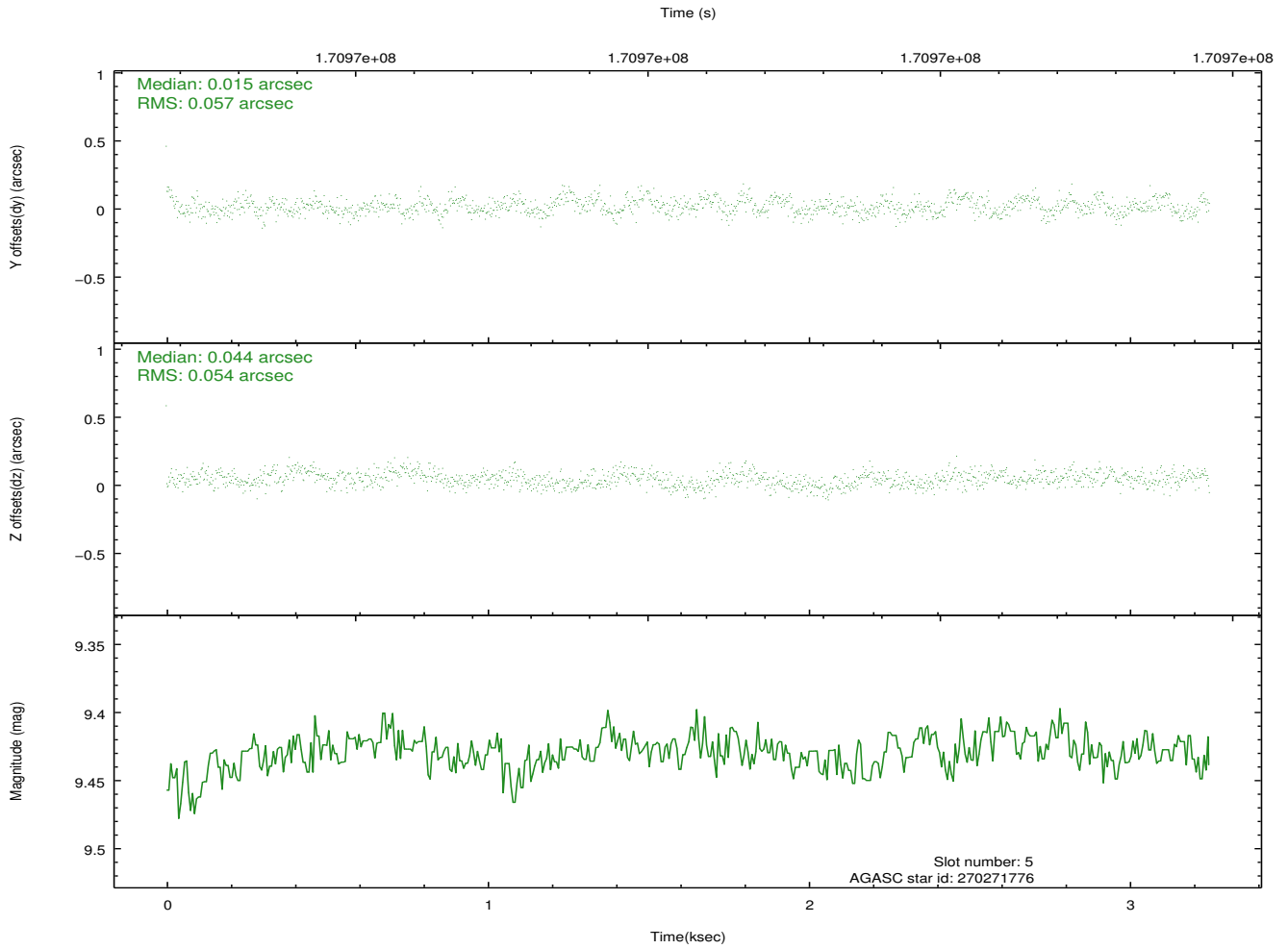
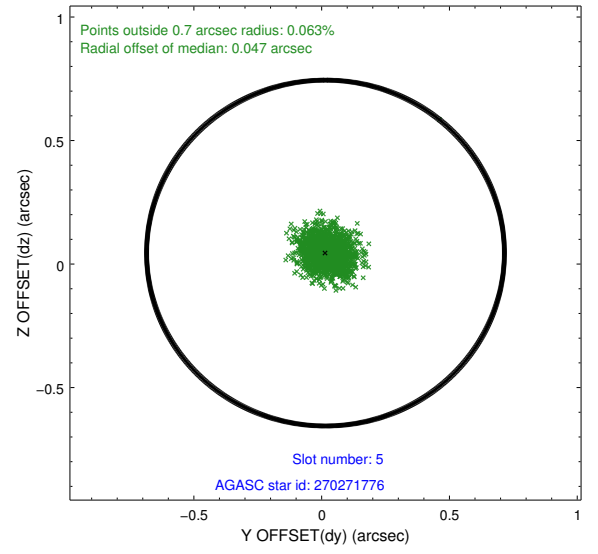
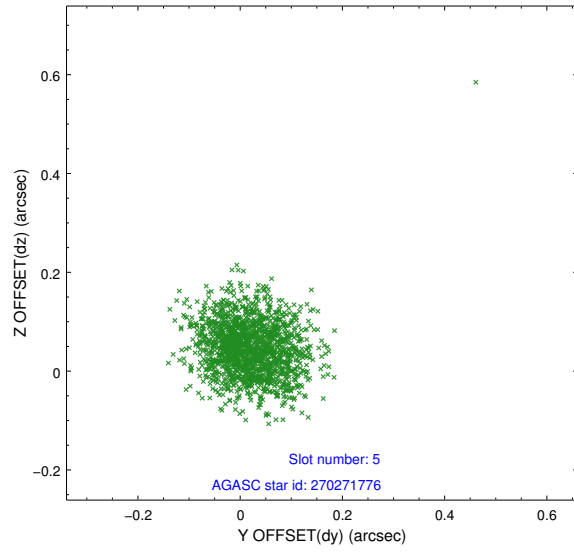
2.4.1 Slot 3



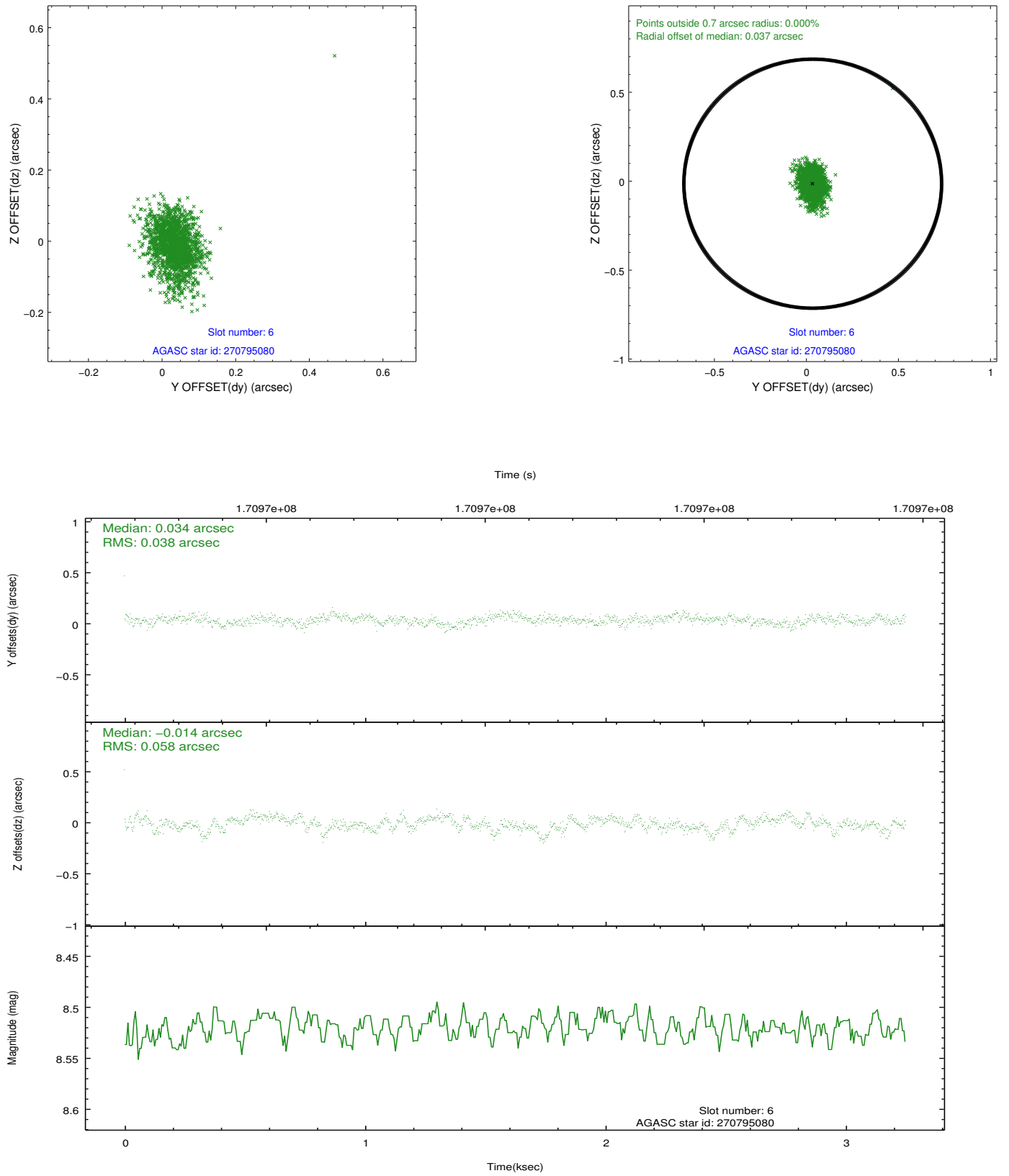
2.4.2 Slot 4



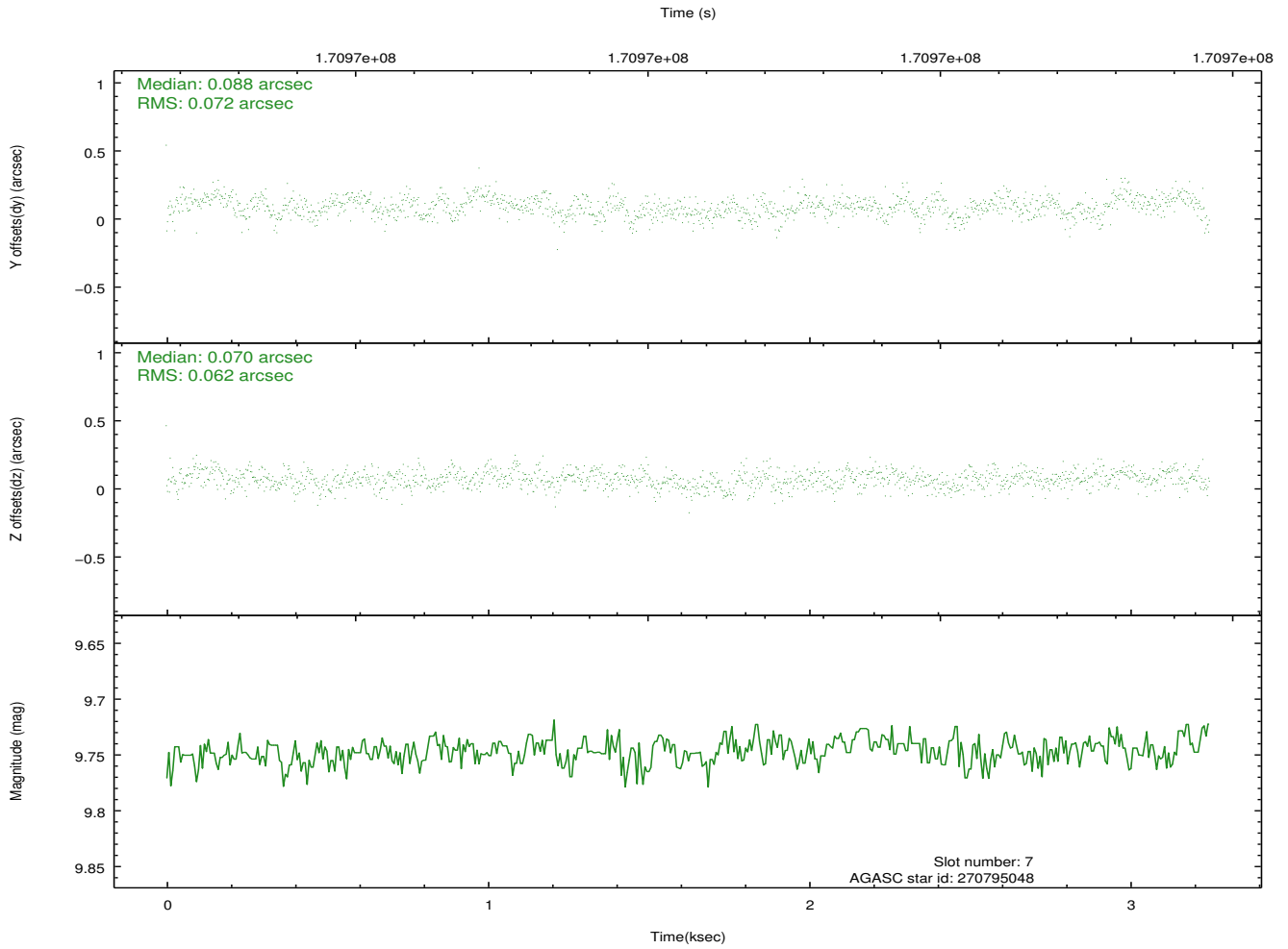
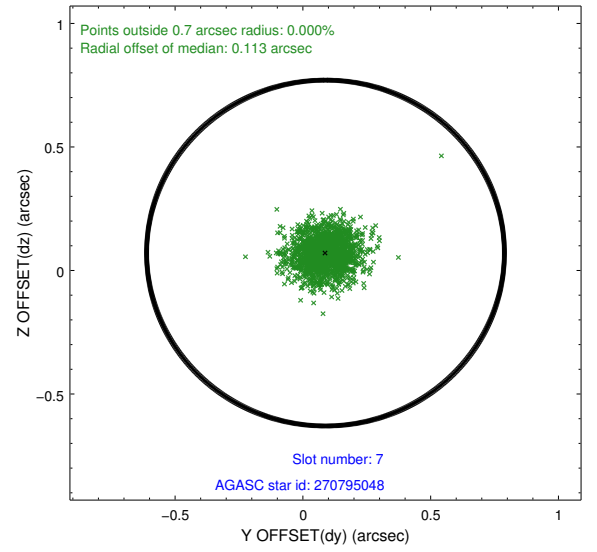
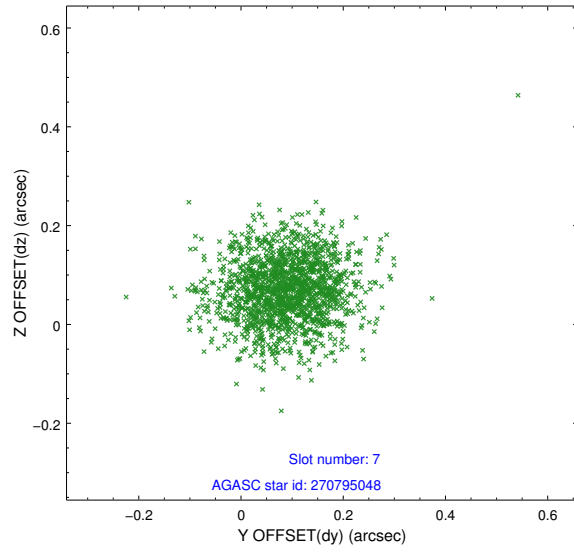
2.4.3 Slot 5



2.4.4 Slot 6

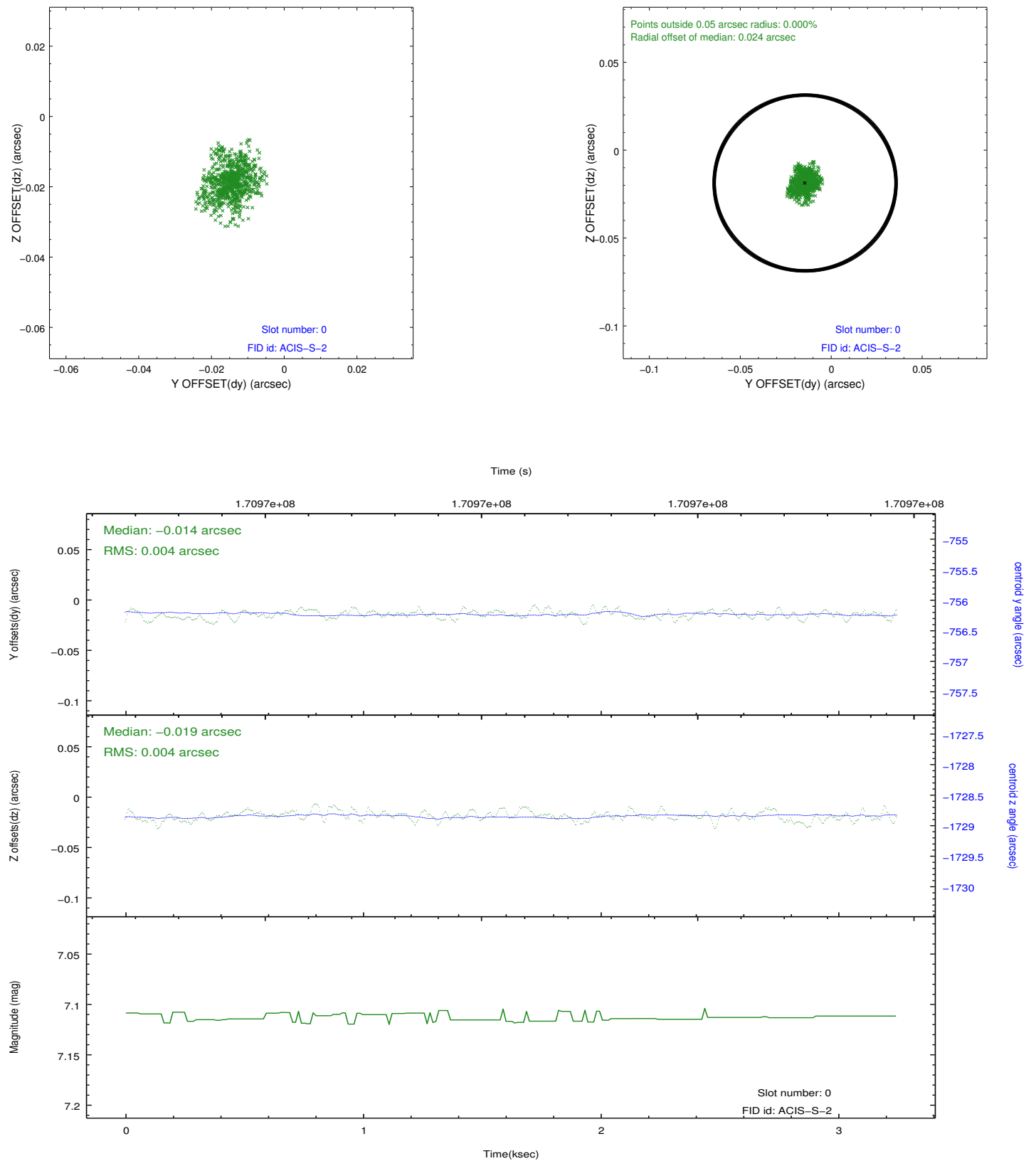


2.4.5 Slot 7

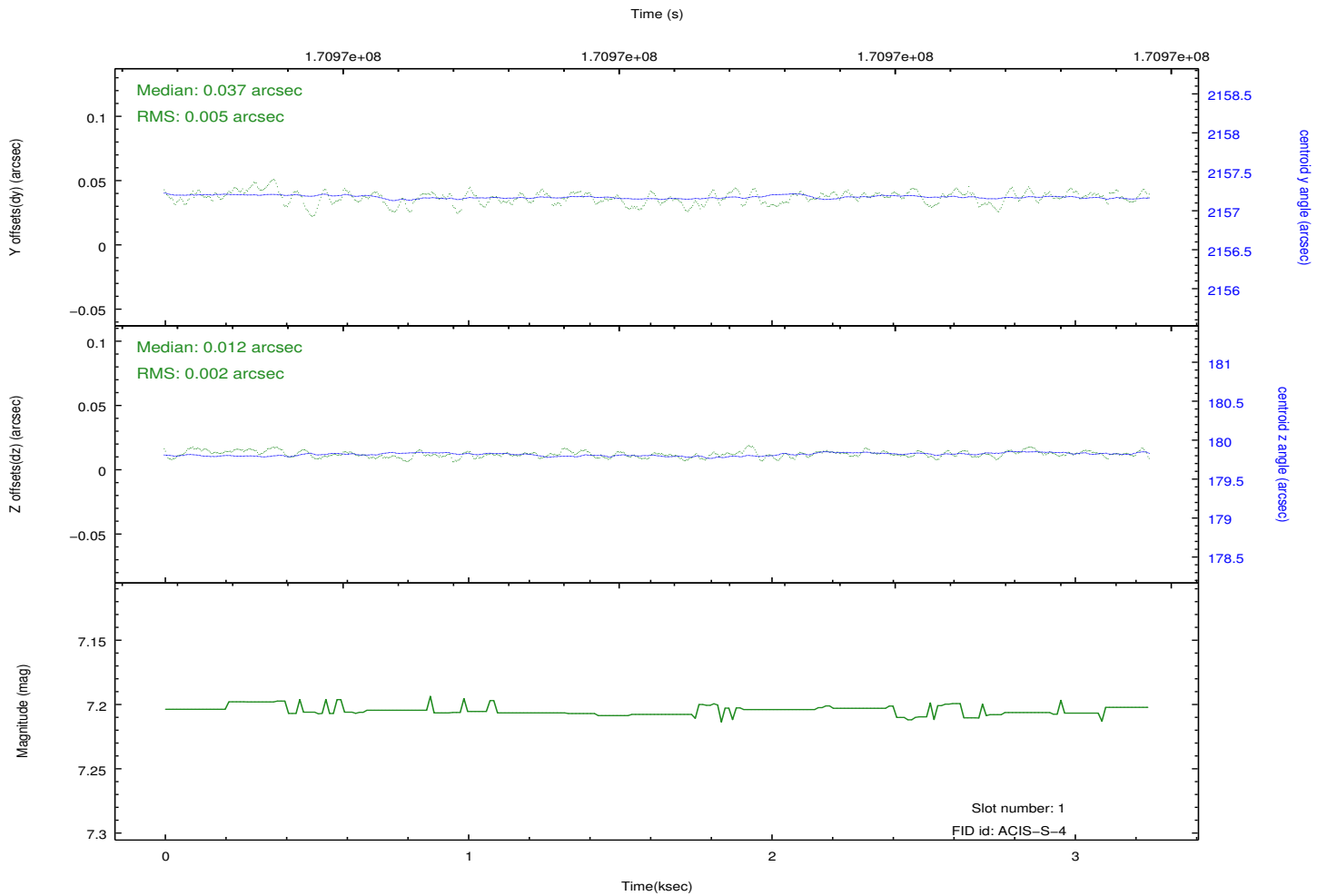
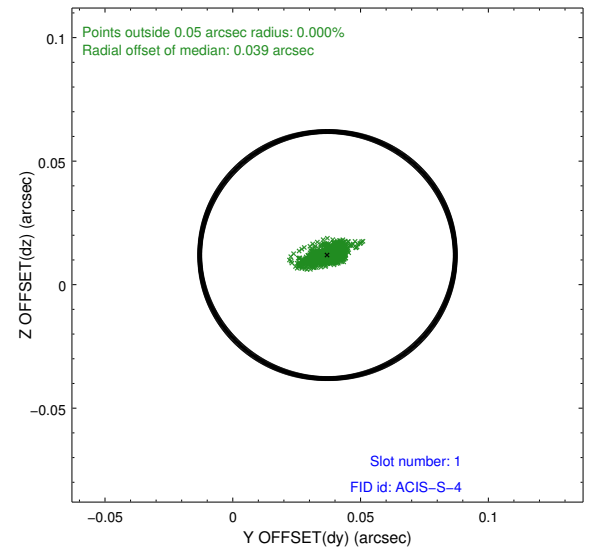
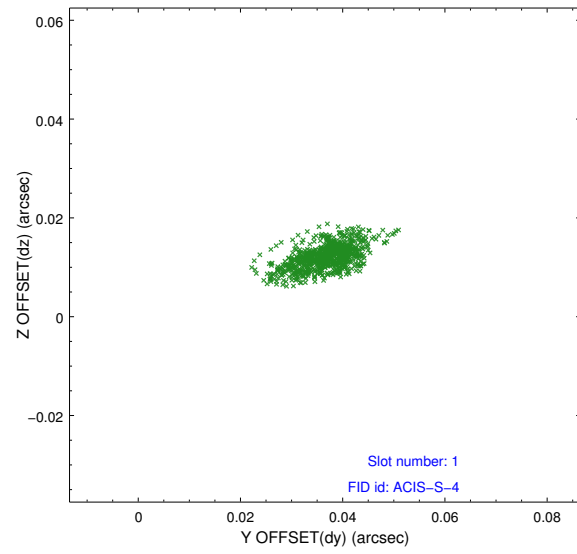


2.5 FID Slots

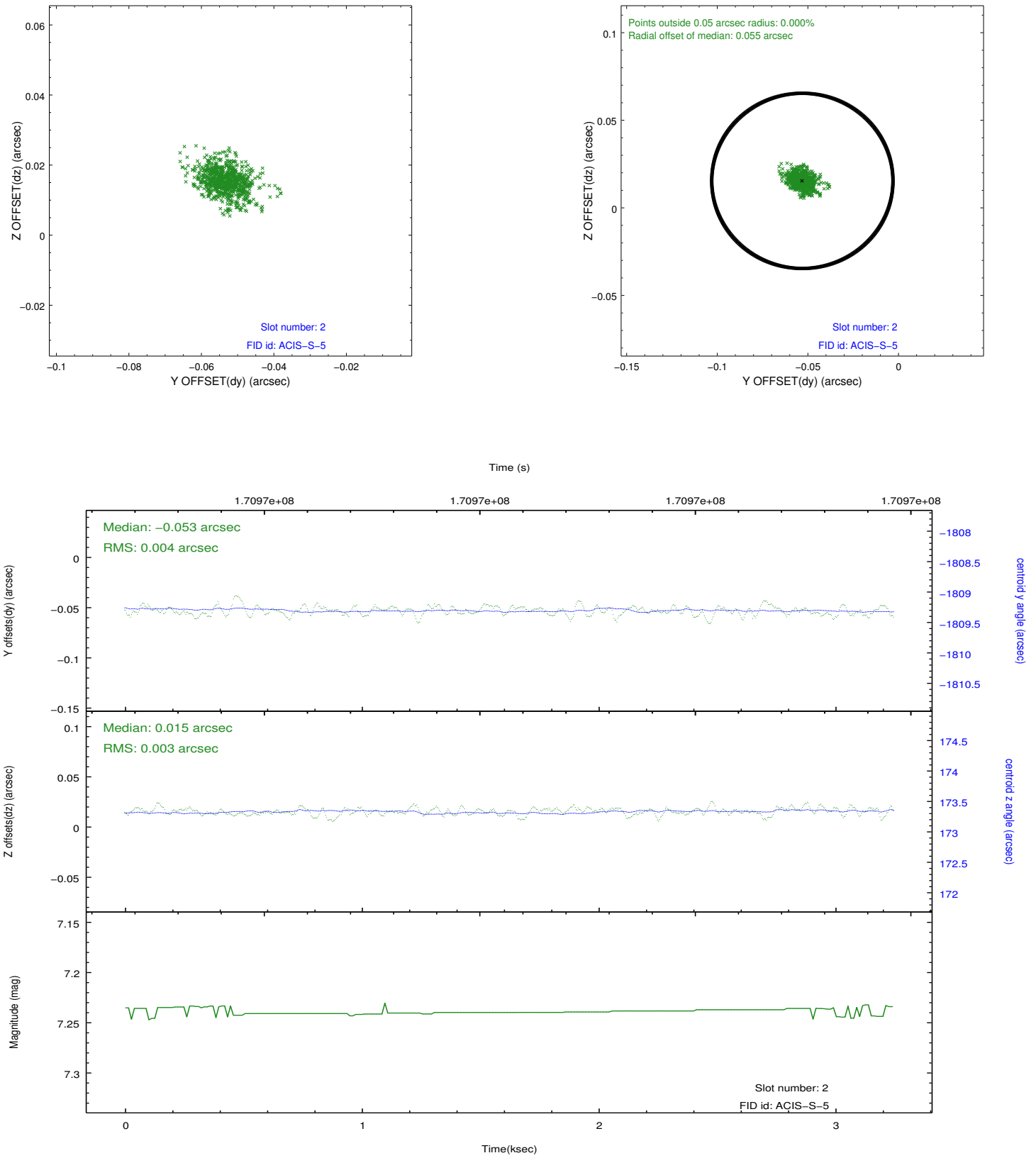
2.5.1 Slot 0



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)	2012.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.248

A.2 Comments