

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5633 - L2 Version 3
Chandra X-Ray Center

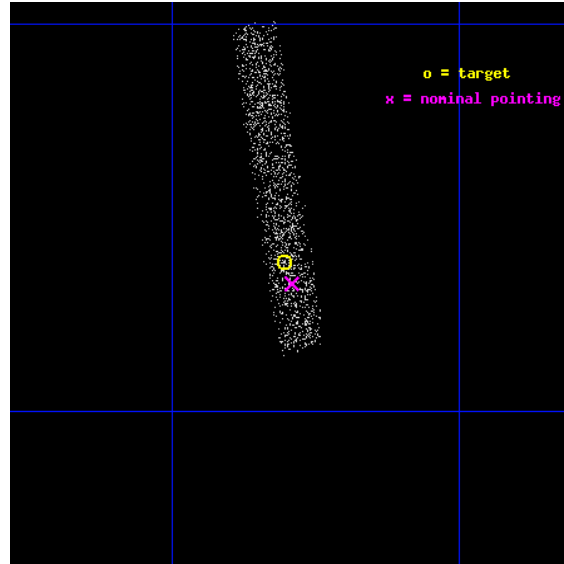
L2 Processing Date : Dec 21 2012

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1 Front

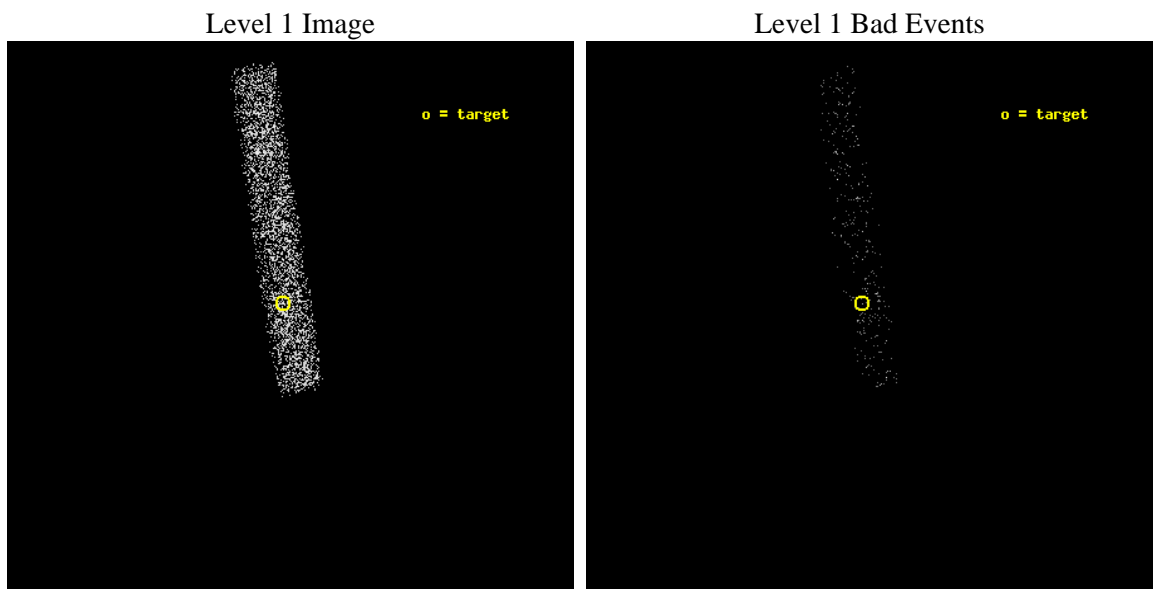
seq_num	701056	Sequence number
obs_id	5633	Observation id
title	Alpha Element Enrichment in Damped Lyman Alpha Absorbers: Survey for New Targets	Proposal title
observer	Dr. Jill Bechtold	Principal investigator
object	SDSS J101018.19+000351.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	152.575833	Observer's specified target RA [deg]
dec_targ	0.064167	Observer's specified target Dec [deg]
ra_nom	152.57279800288	Nominal RA [deg]
dec_nom	0.054928228673382	Nominal Dec [deg]
roll_nom	261.43004796968	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3180.8000473678	Sum of GTIs [s]
livetime	2884.8177465698	Livetime [s]
ontime7	3180.8000473678	Sum of GTIs [s]
l2events	1808	Number of level 2 events



2 OBI

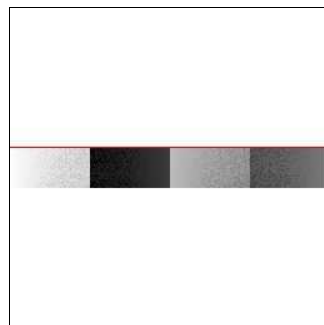
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	3180.8000473678	Sum of GTIs [s]
caldsver	4.5.5	 	ontime7	3180.8000473678	Sum of GTIs [s]
date	2012-12-21T15:59:14	Date and time of file creation	l1events	4805	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

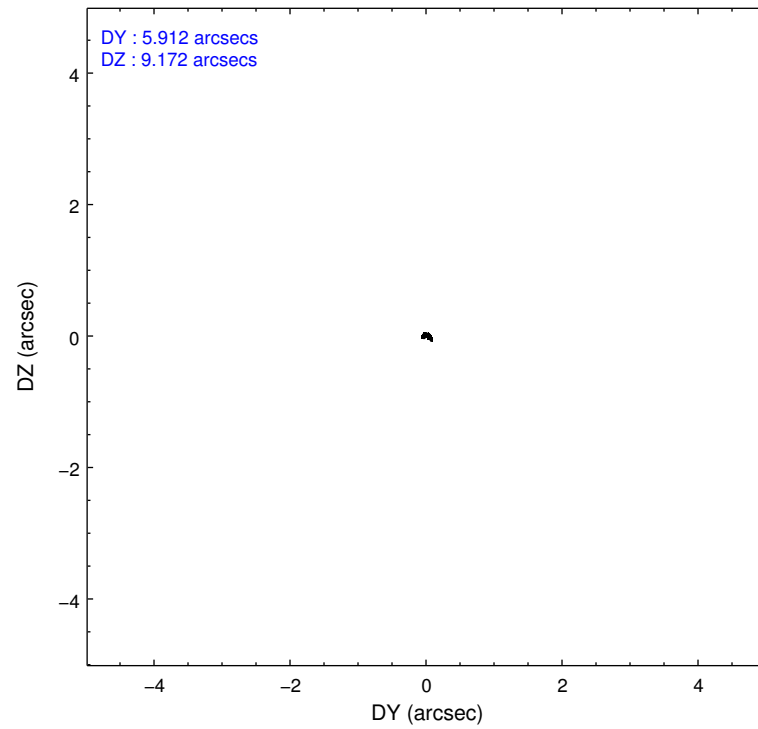
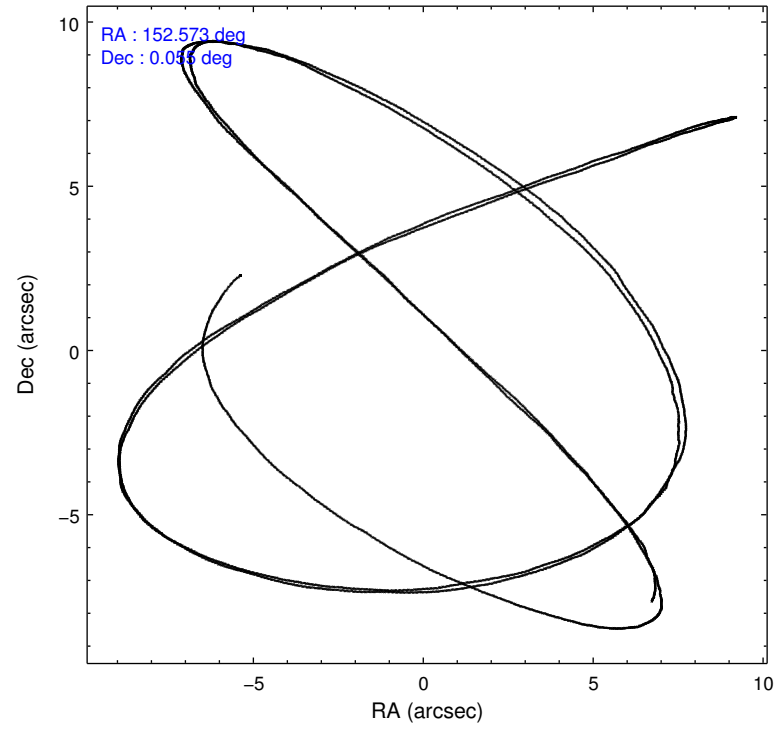
	ccd 7
level 1 events	4805
rejected events	2910
rejected %	60%

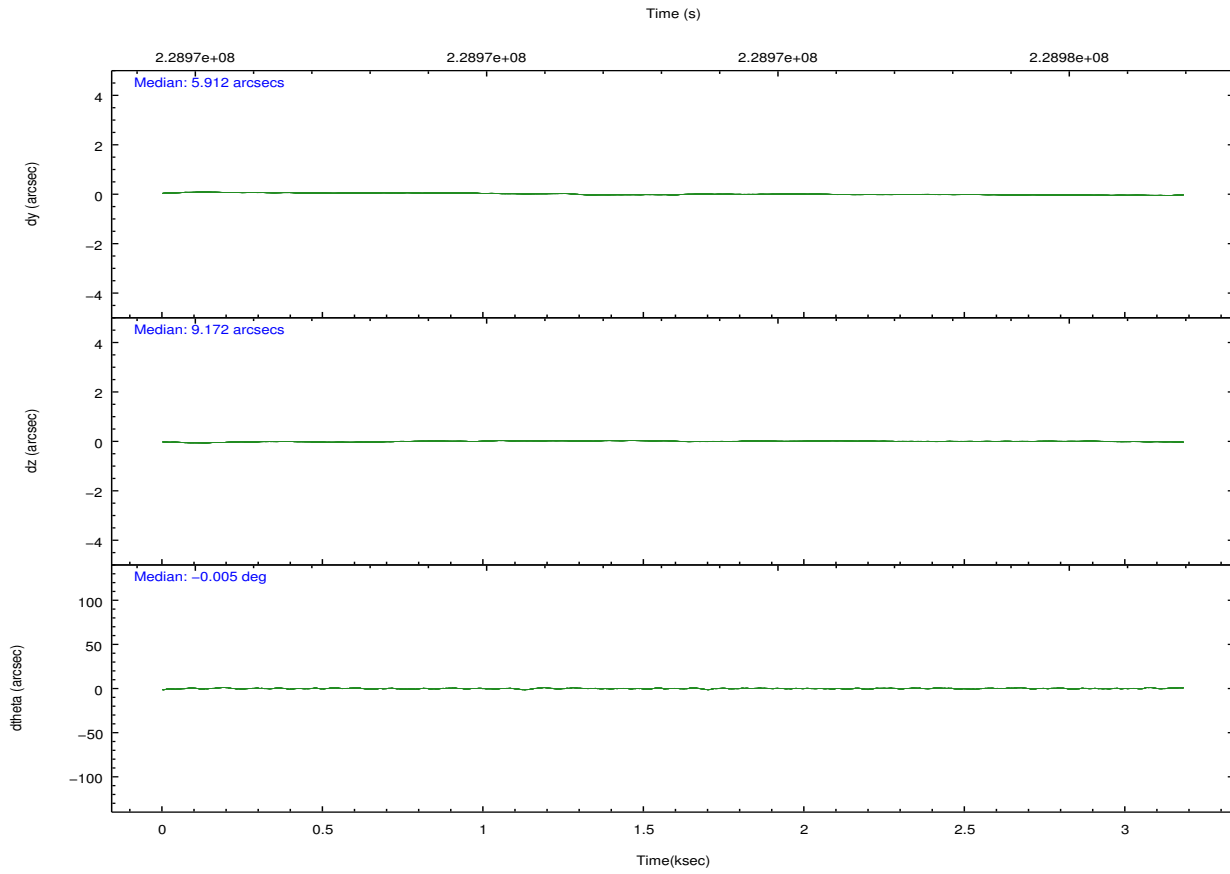
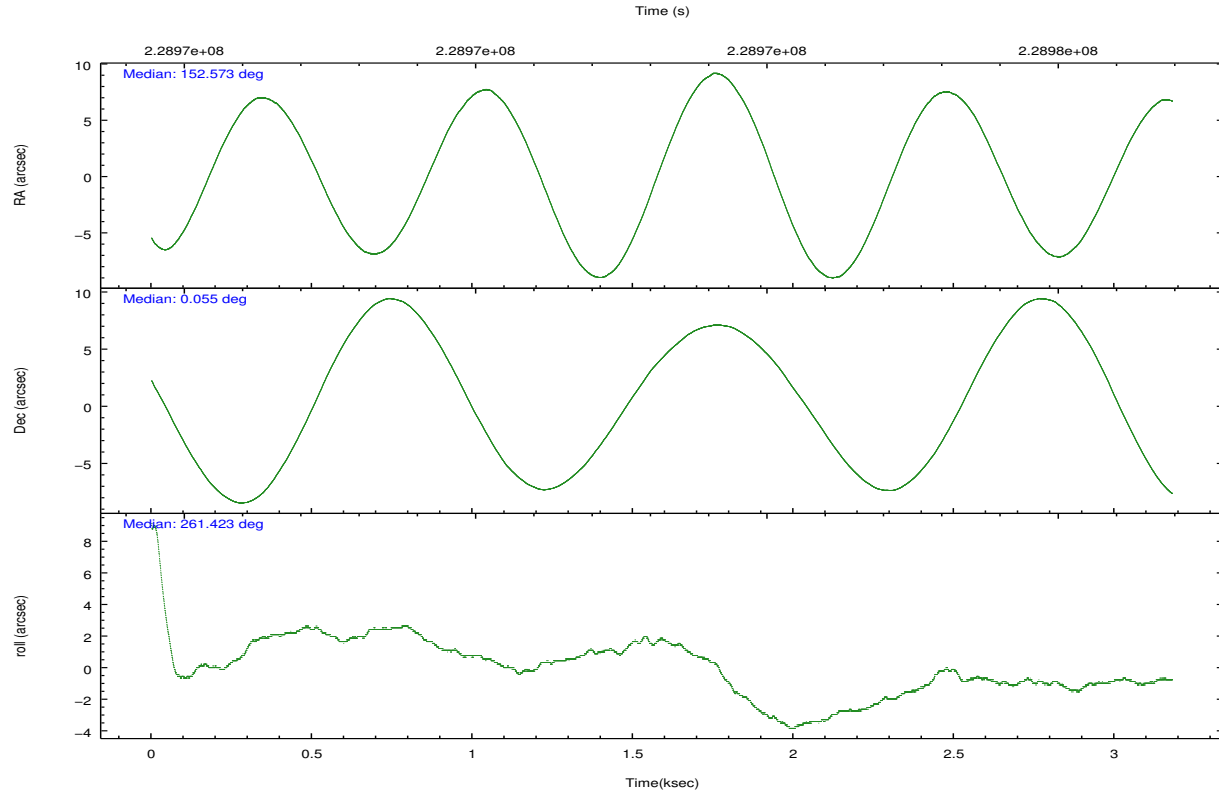
	ccd 7
grade 0 events	218
	4%
grade 1 events	7
	0%
grade 2 events	385
	8%
grade 3 events	277
	5%
grade 4 events	258
	5%
grade 5 events	484
	10%
grade 6 events	992
	20%
grade 7 events	2184
	45%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	152.562447	152.5727980028799	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	0.080222	0.05492822867338155	Subarray start row	449	449
[deg] Pointing Roll	261.273390	261.4300479696834	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)	228972231.184000	228971405.11356			
Observation start date	2005-04-04T03:22:47	2005-04-04T03:10:05			
[s] Observation end time (MET)	228975231.184000	228976045.80127			
Observation end date	2005-04-04T04:12:47	2005-04-04T04:27:25			
Read mode	TIMED	TIMED			

2.3 Aspect



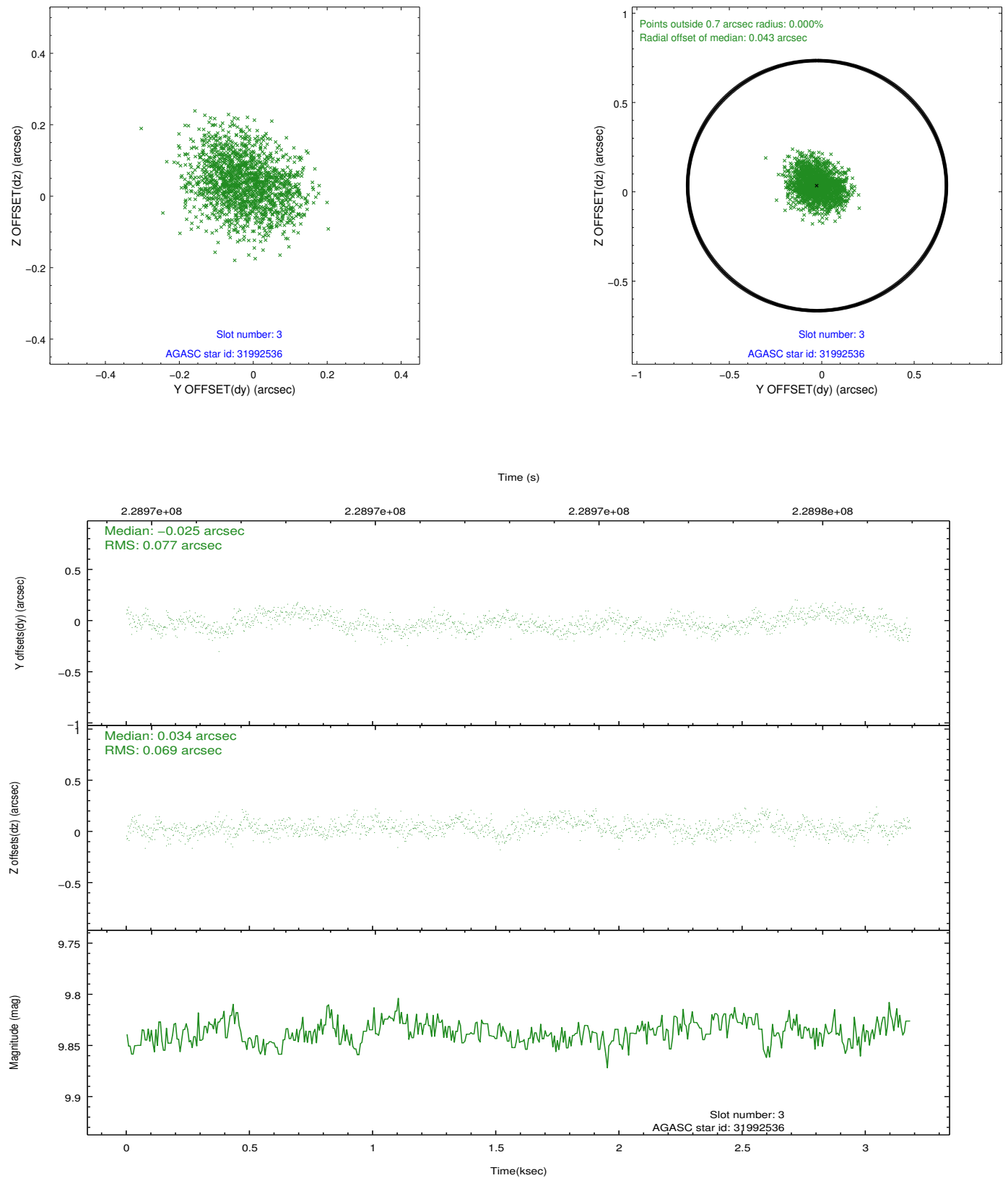


Slot Statistics

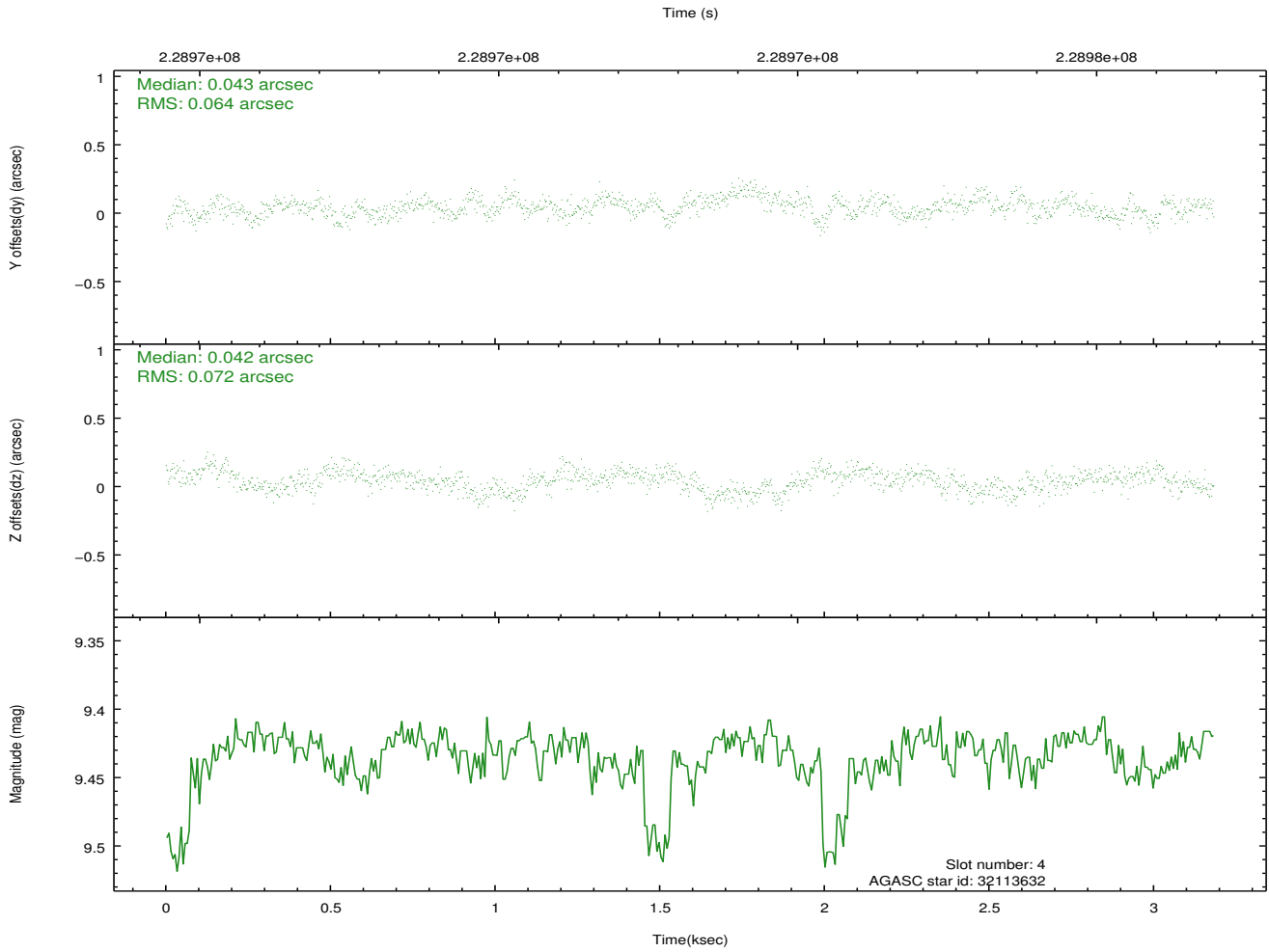
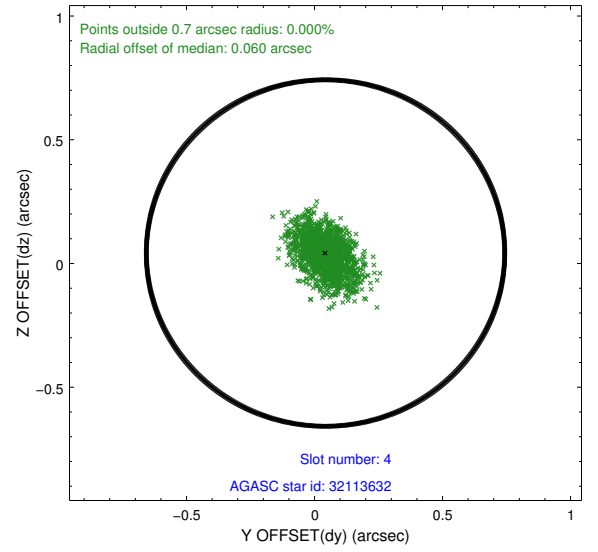
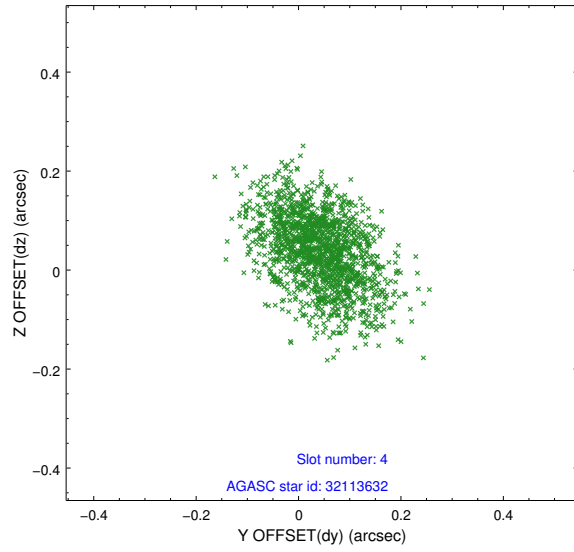
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	776	0.003	-0.017	0.007	0.011	0.000000	0.000000	937.37	-1726.05
1	FID	ACIS-S-4	7.20	776	0.088	0.015	0.006	0.010	0.000000	0.000000	2156.00	176.07
2	FID	ACIS-S-5	7.23	776	-0.118	0.015	0.005	0.010	0.000000	0.000000	-1809.03	171.96
3	GUIDE	31992536	9.84	1553	-0.025	0.034	0.114	0.173	152.492178	0.502547	-1464.08	-480.95
4	GUIDE	32113632	9.43	1553	0.043	0.042	0.102	0.172	153.009600	0.266662	-908.65	1488.90
5	GUIDE	642652800	8.70	1552	0.098	0.010	0.095	0.143	151.870568	-0.256860	1577.23	-2276.64
6	GUIDE	642781816	9.63	1551	0.108	0.120	0.116	0.183	152.509414	-0.089506	633.76	-97.64
7	GUIDE	31988016	8.94	1552	-0.230	-0.211	0.140	0.208	151.967682	0.697978	-1872.84	-2454.17

2.4 Star Slots

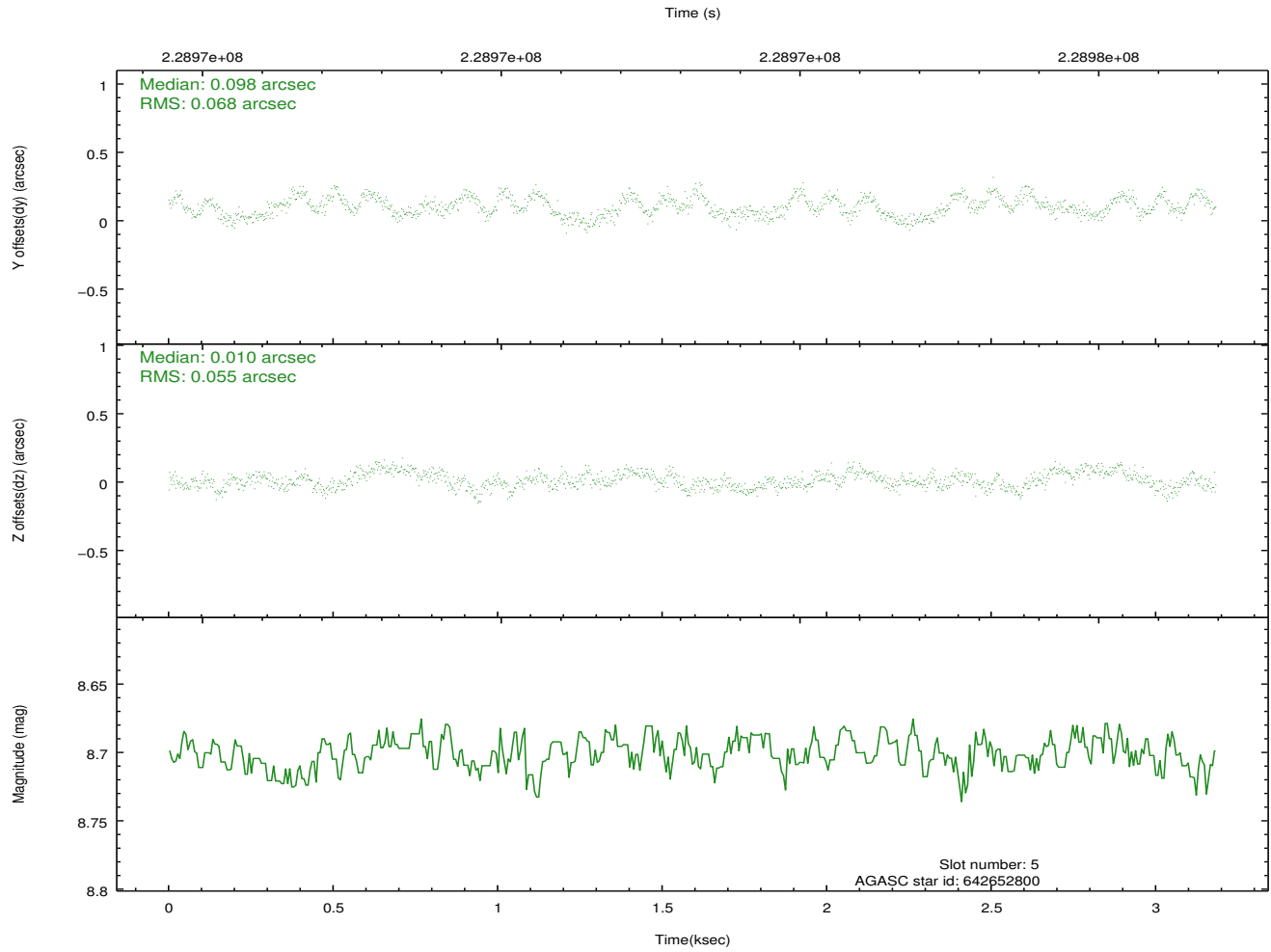
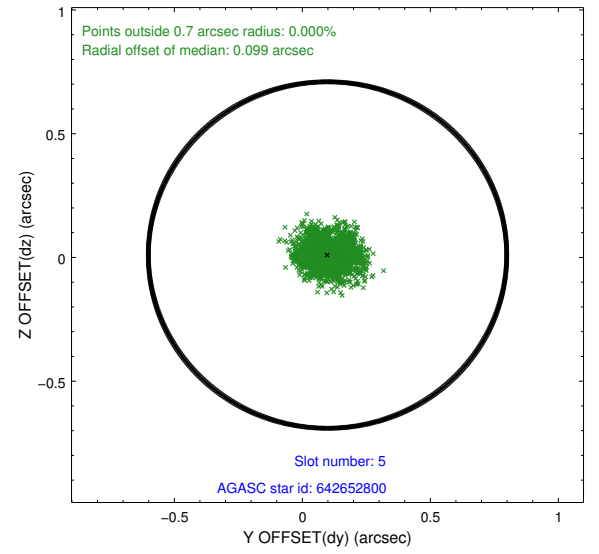
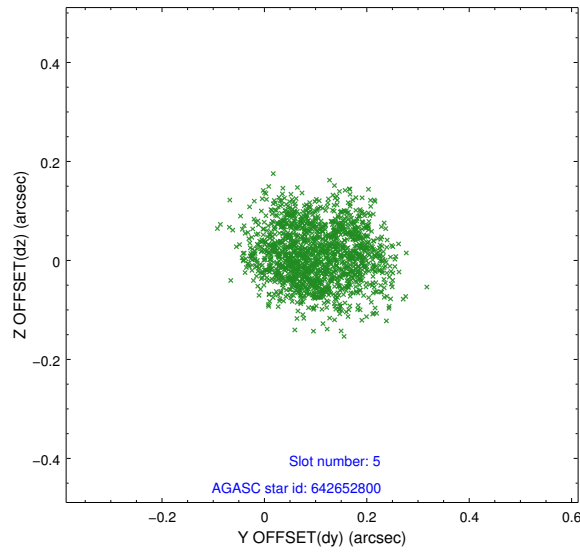
2.4.1 Slot 3



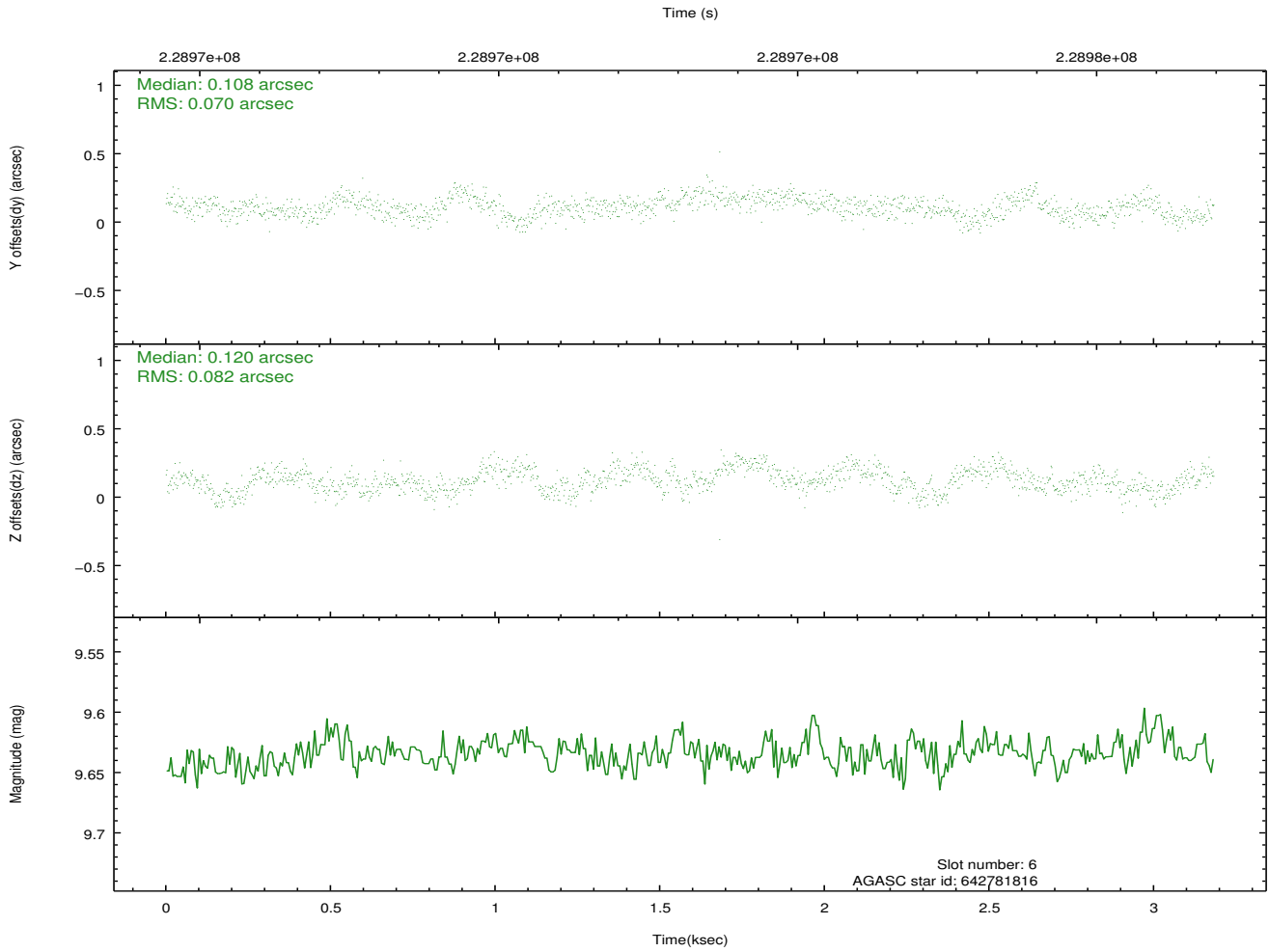
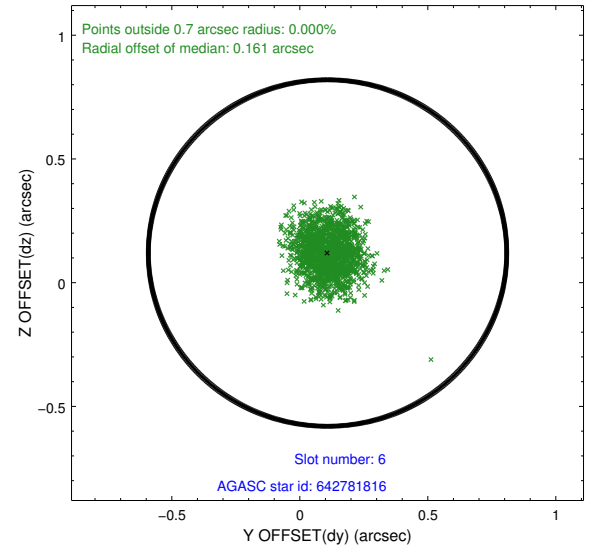
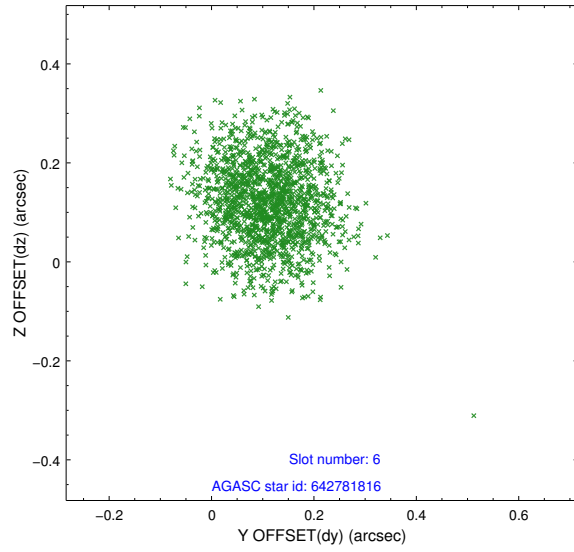
2.4.2 Slot 4



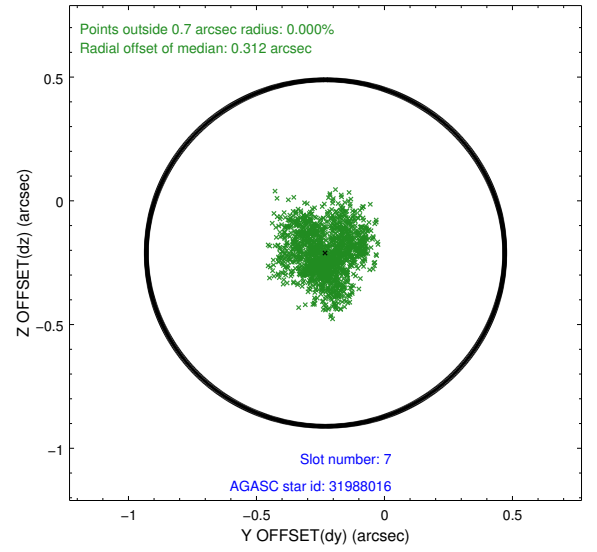
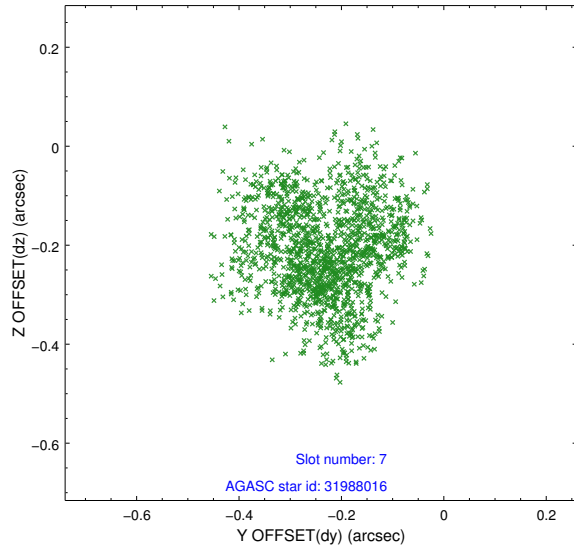
2.4.3 Slot 5



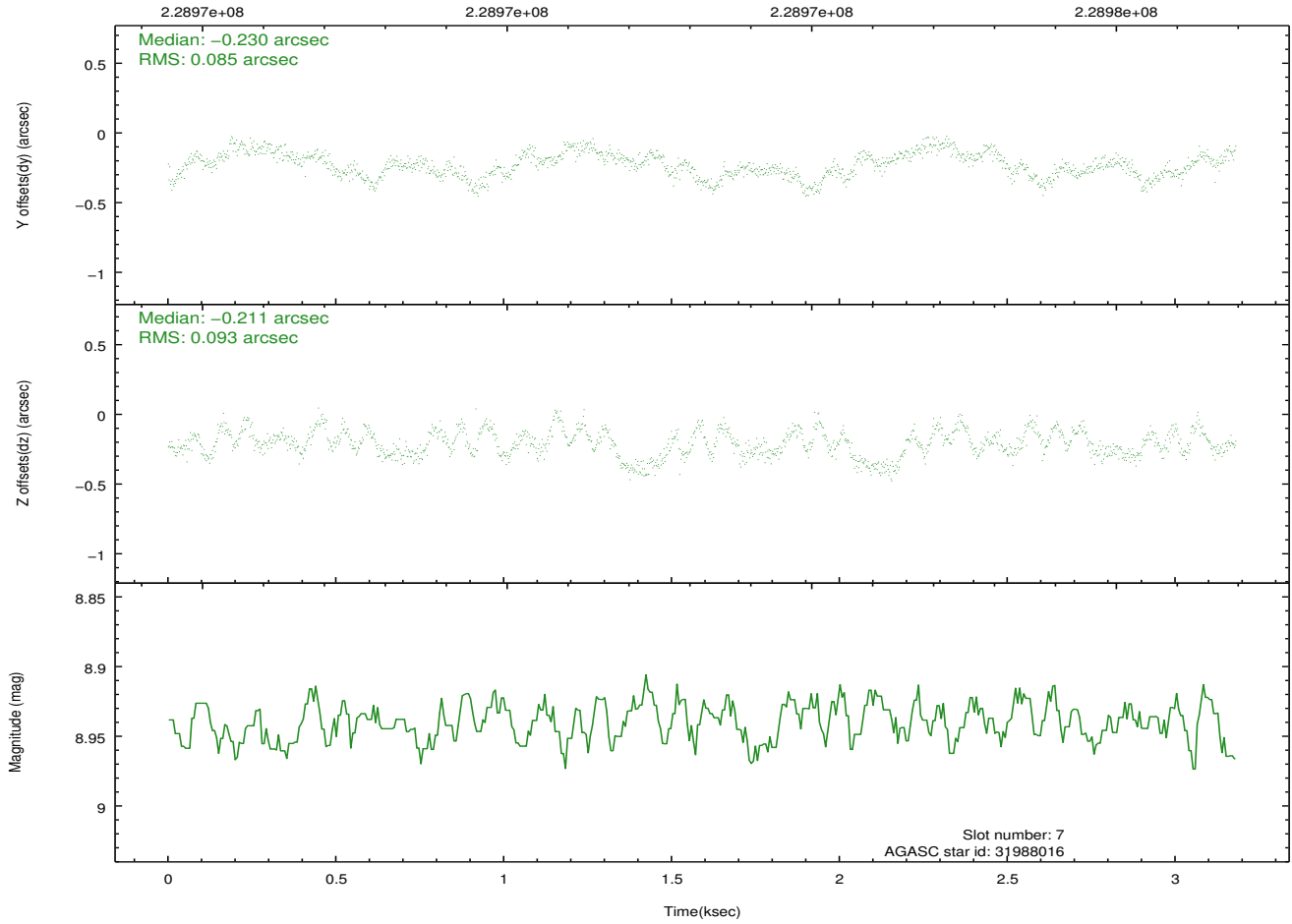
2.4.4 Slot 6



2.4.5 Slot 7

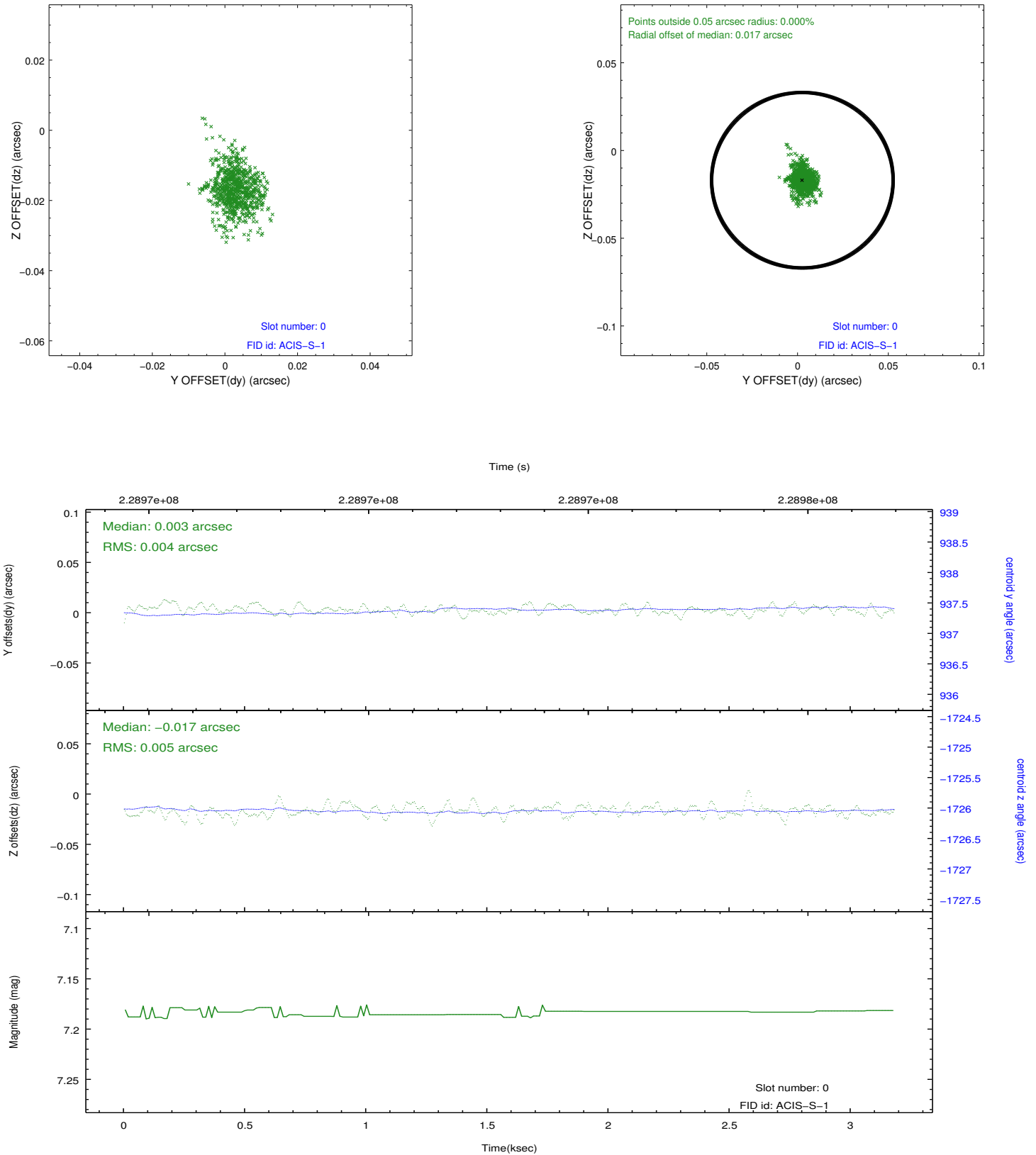


Time (s)

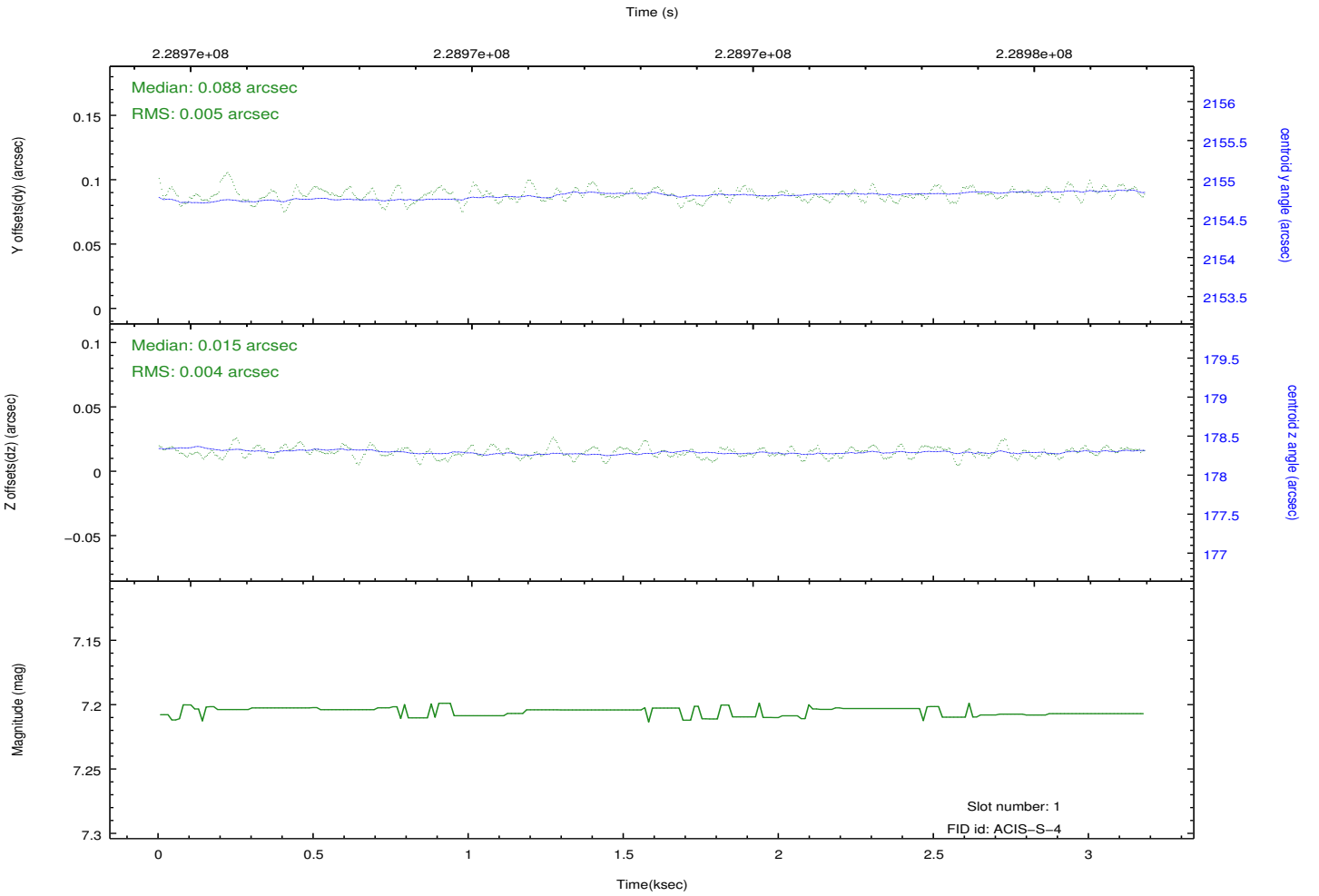
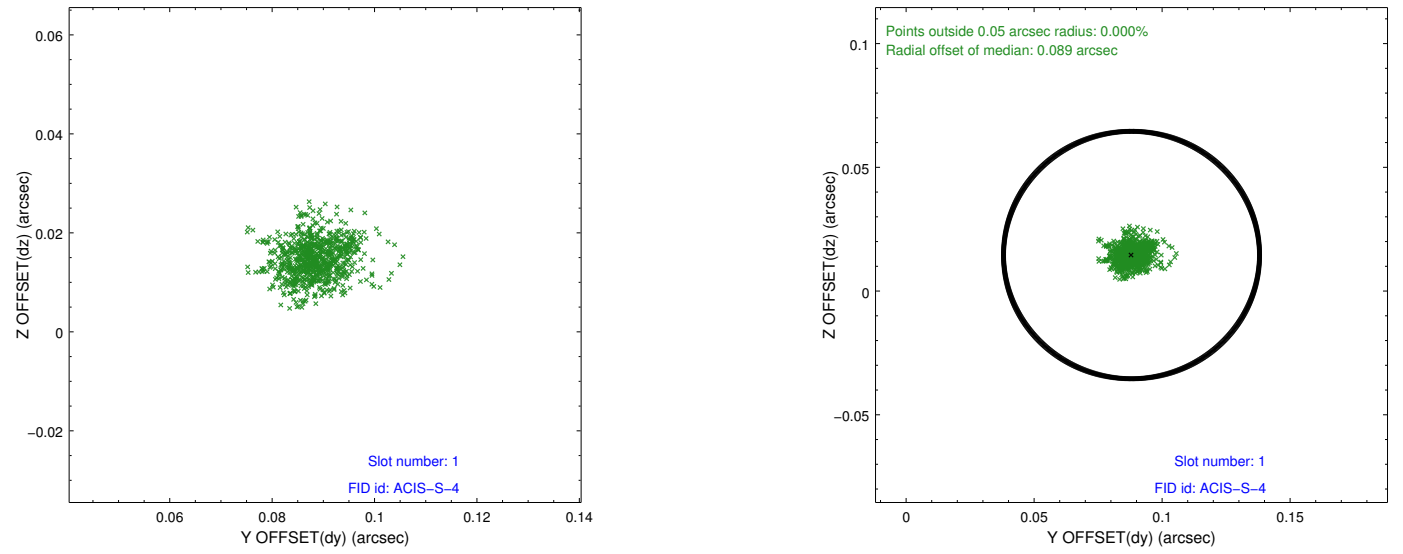


2.5 FID Slots

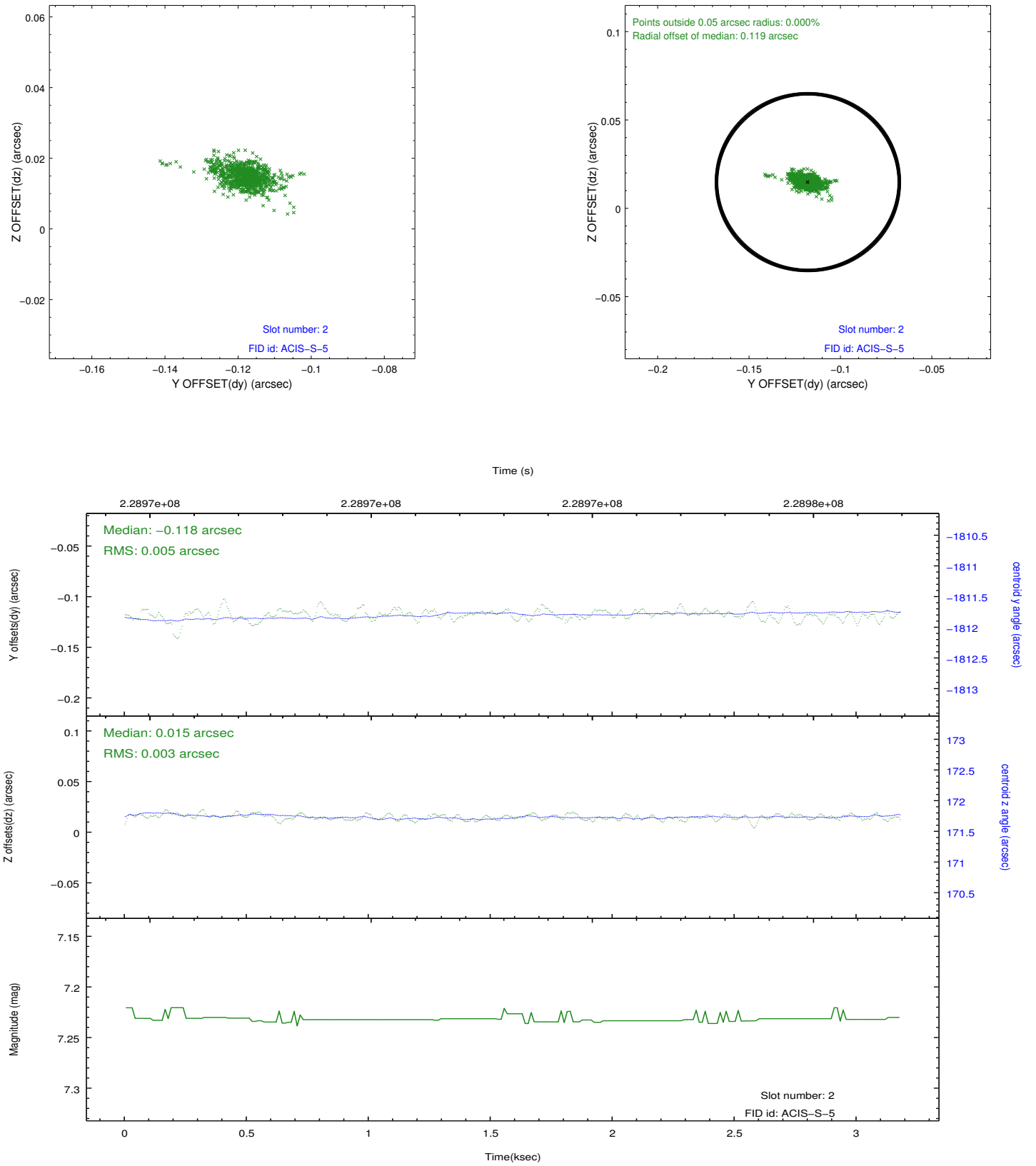
2.5.1 Slot 0



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)	2013.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1808

A.2 Comments