

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11483 - L2 Version 2
Chandra X-Ray Center

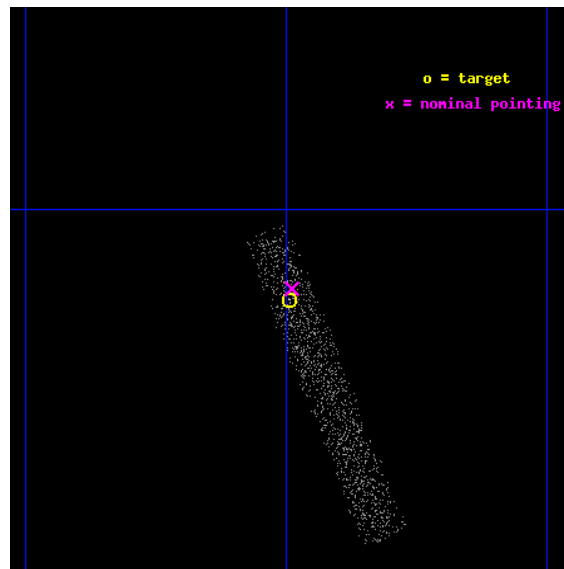
L2 Processing Date : Jun 20 2012

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1 Front

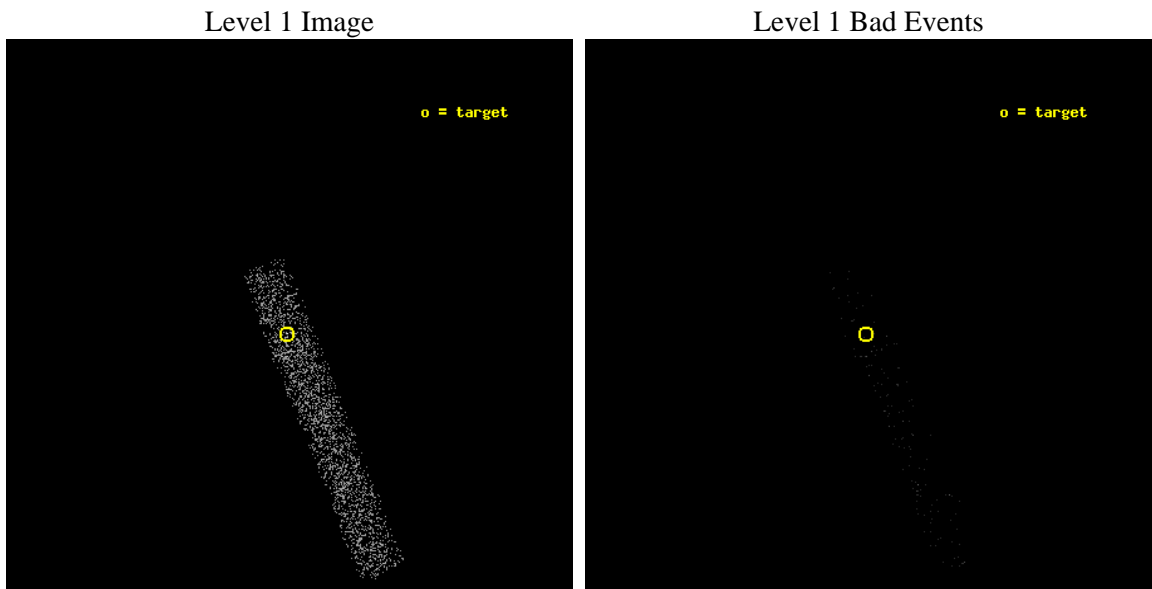
seq_num	702069	Sequence number
obs_id	11483	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J163159.59+243740.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.998333	Observer's specified target RA [deg]
dec_targ	24.627833	Observer's specified target Dec [deg]
ra_nom	247.9973839534	Nominal RA [deg]
dec_nom	24.632527868364	Nominal Dec [deg]
roll_nom	68.599578445657	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2137.199872613	Sum of GTIs [s]
livetime	1938.327473801	Livetime [s]
ontime7	2137.199872613	Sum of GTIs [s]
l2events	1425	Number of level 2 events



2 OBI

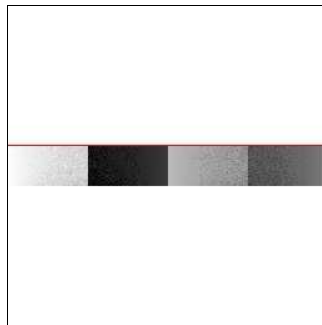
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2137.199872613	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2137.199872613	Sum of GTIs [s]
date	2012-06-21T00:28:28	Date and time of file creation	l1events	3679	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

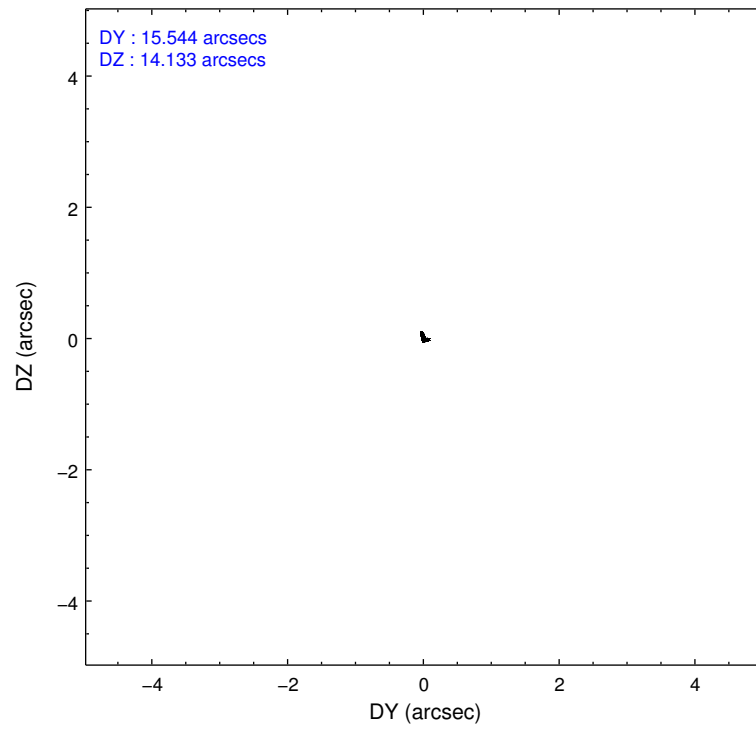
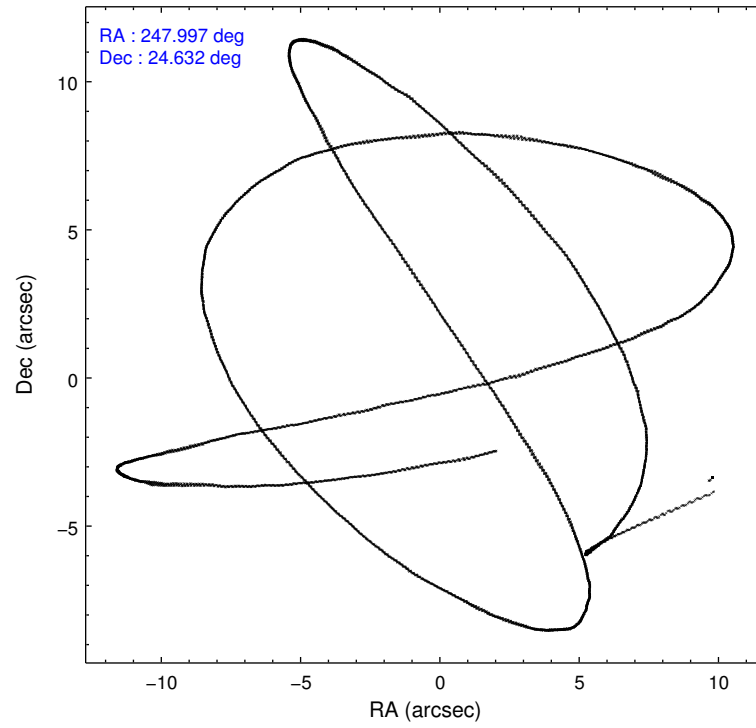
	ccd 7
level 1 events	3679
rejected events	2188
rejected %	59%

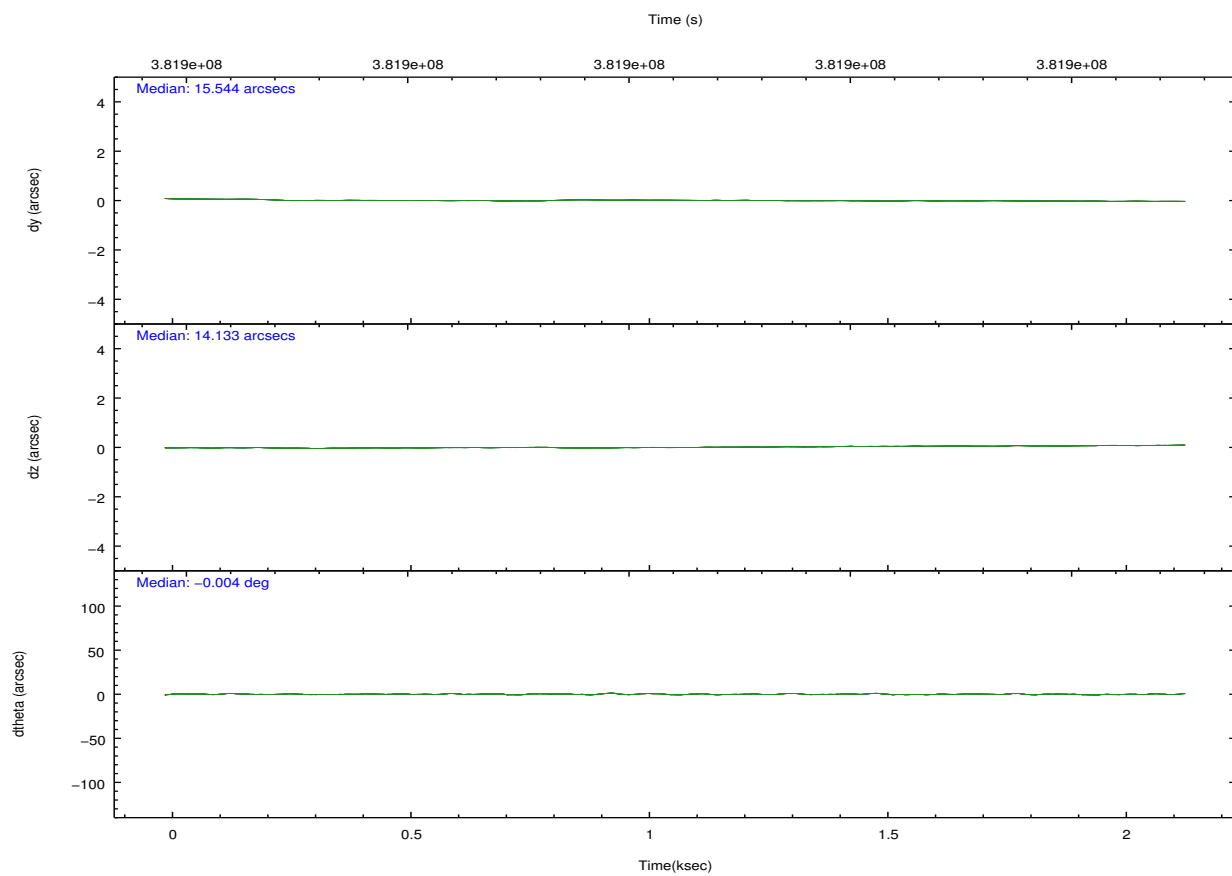
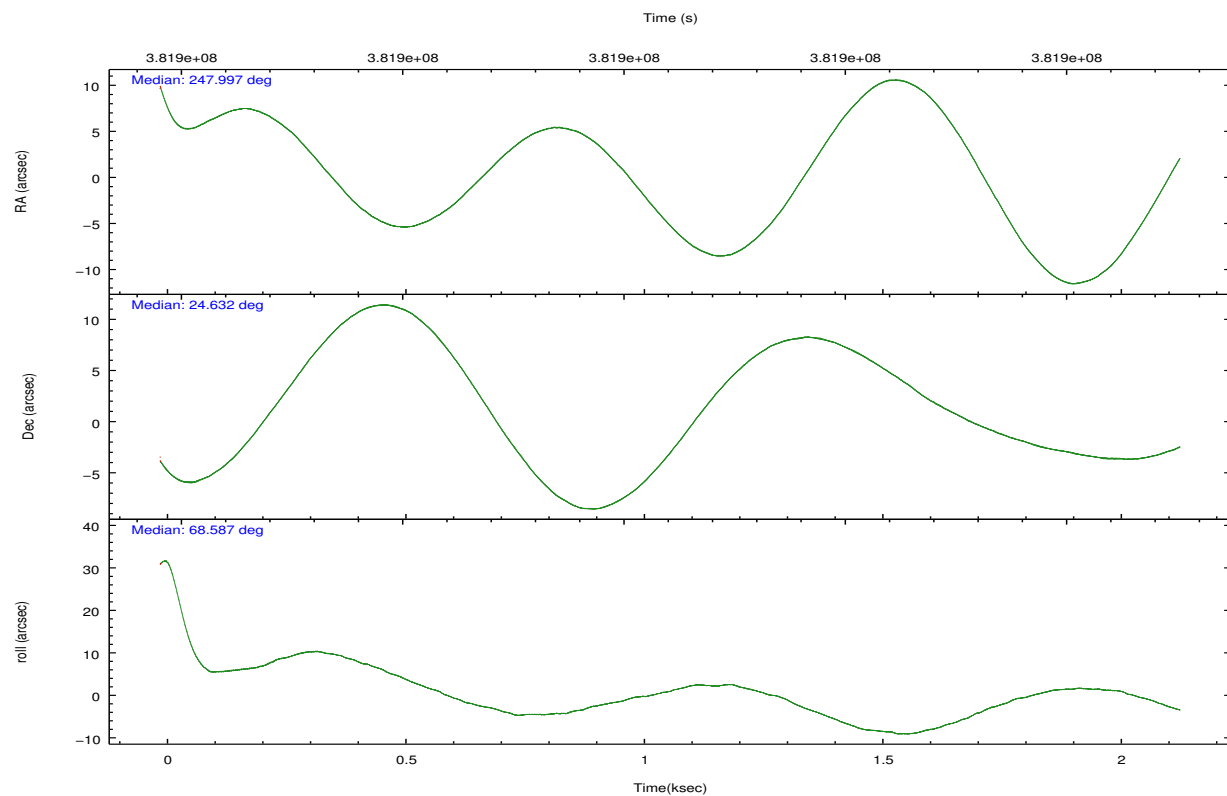
	ccd 7
grade 0 events	223
	6%
grade 1 events	5
	0%
grade 2 events	342
	9%
grade 3 events	276
	7%
grade 4 events	262
	7%
grade 5 events	357
	9%
grade 6 events	804
	21%
grade 7 events	1410
	38%

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	248.002280	247.9973839534028	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	24.605622	24.63252786836389	Subarray start row	449	449
[deg] Pointing Roll	68.440738	68.59957844565727	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)	381898172.184000	381897122.09896			
Observation start date	2010-02-07T02:48:26	2010-02-07T02:32:02			
[s] Observation end time (MET)	381900172.184000	381901570.08669			
Observation end date	2010-02-07T03:21:46	2010-02-07T03:46:10			
Read mode	TIMED	TIMED			

2.3 Aspect



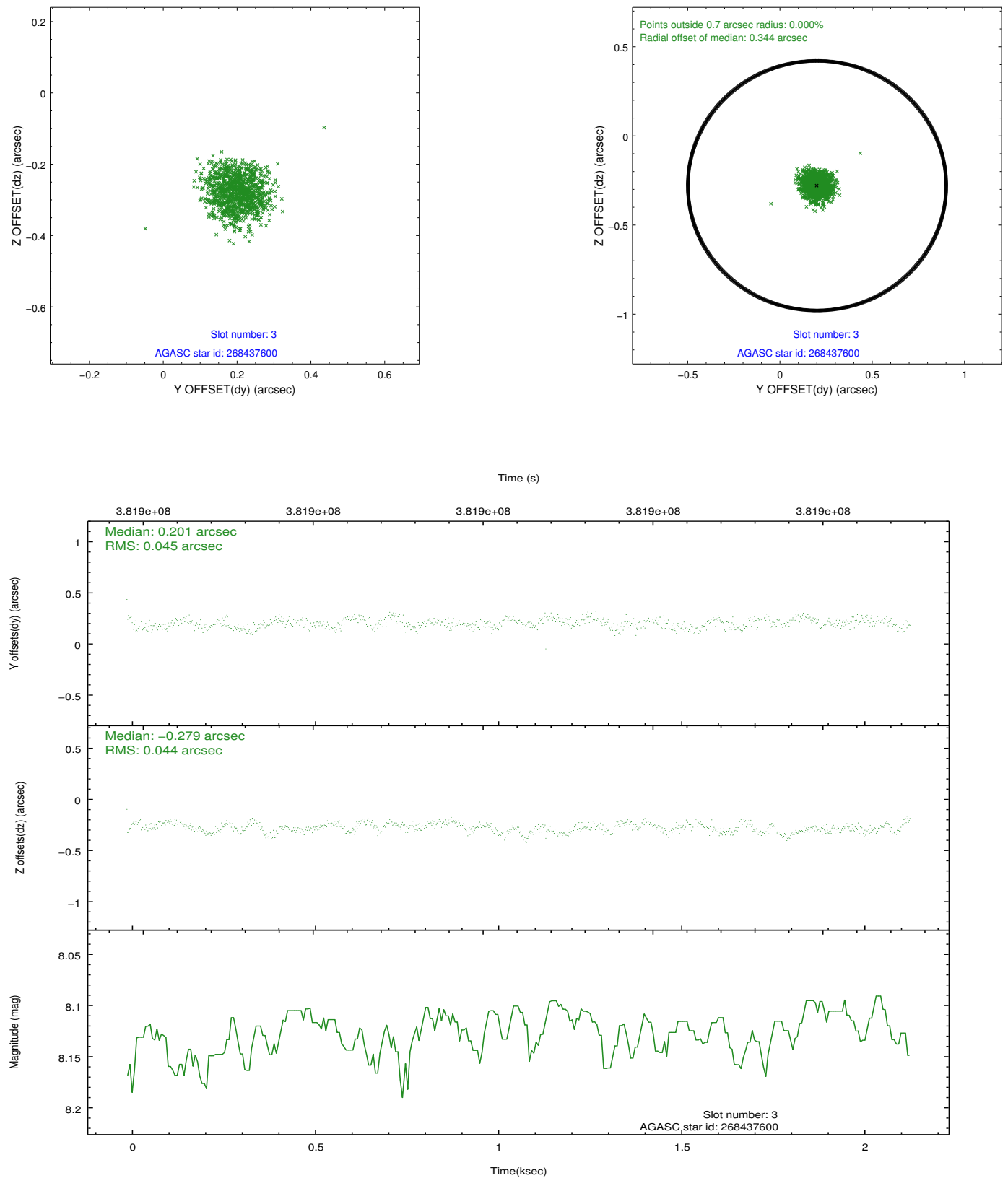


Slot Statistics

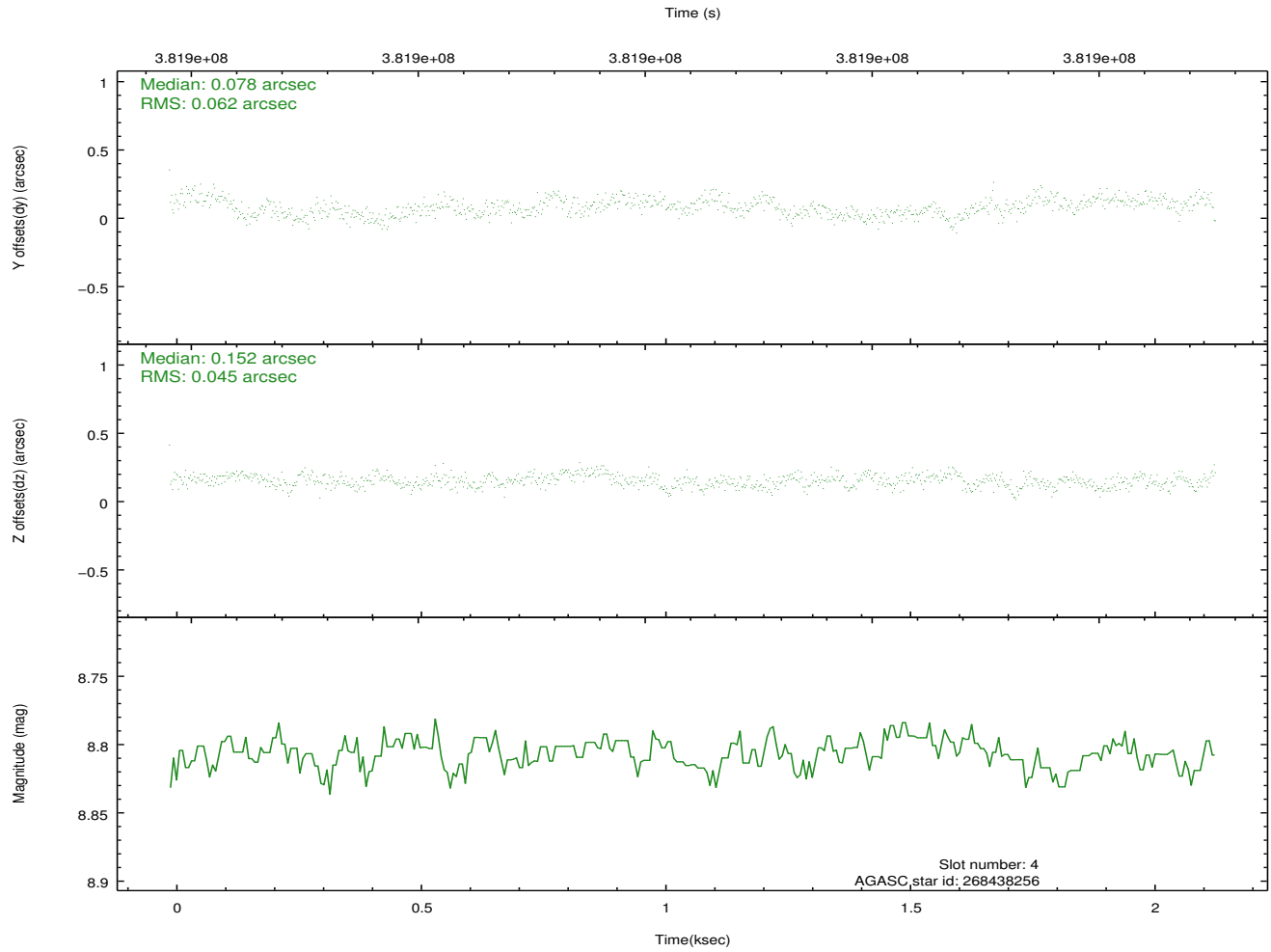
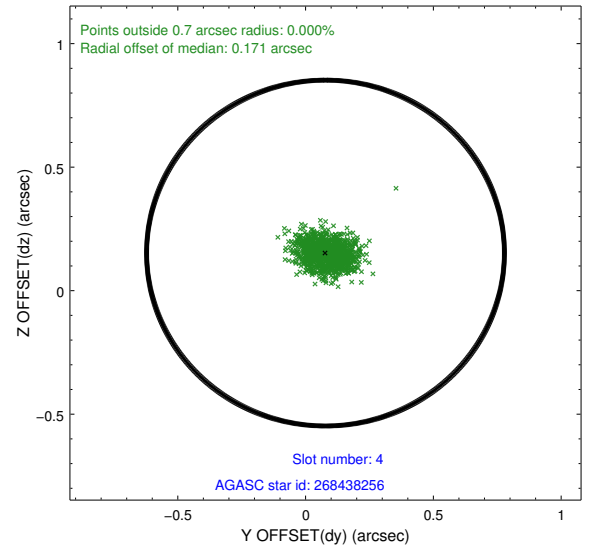
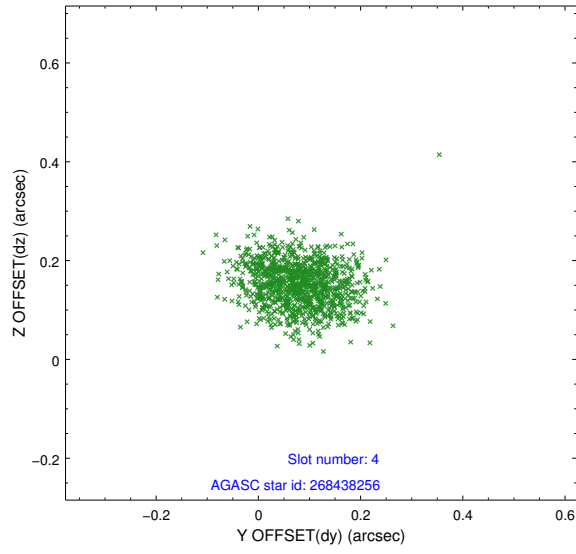
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	522	-0.094	-0.066	0.007	0.010	0.000000	0.000000	-768.63	-1735.52
1	FID	ACIS-S-4	7.04	522	0.213	0.063	0.005	0.009	0.000000	0.000000	2143.56	169.92
2	FID	ACIS-S-5	7.07	522	-0.150	0.012	0.006	0.010	0.000000	0.000000	-1817.61	167.03
3	GUIDE	268437600	8.13	1043	0.201	-0.279	0.068	0.102	248.083033	24.849079	912.64	76.88
4	GUIDE	268438256	8.81	1043	0.078	0.152	0.082	0.131	248.393366	24.883112	1401.79	-819.15
5	GUIDE	268441360	8.93	1043	-0.075	-0.240	0.095	0.150	247.999125	24.654952	163.13	73.98
6	GUIDE	268444160	8.58	1044	-0.129	0.239	0.071	0.124	248.635379	24.638588	876.74	-1880.80
7	GUIDE	268445256	9.22	1043	-0.078	0.131	0.152	0.230	248.460954	24.762928	1081.52	-1186.83

2.4 Star Slots

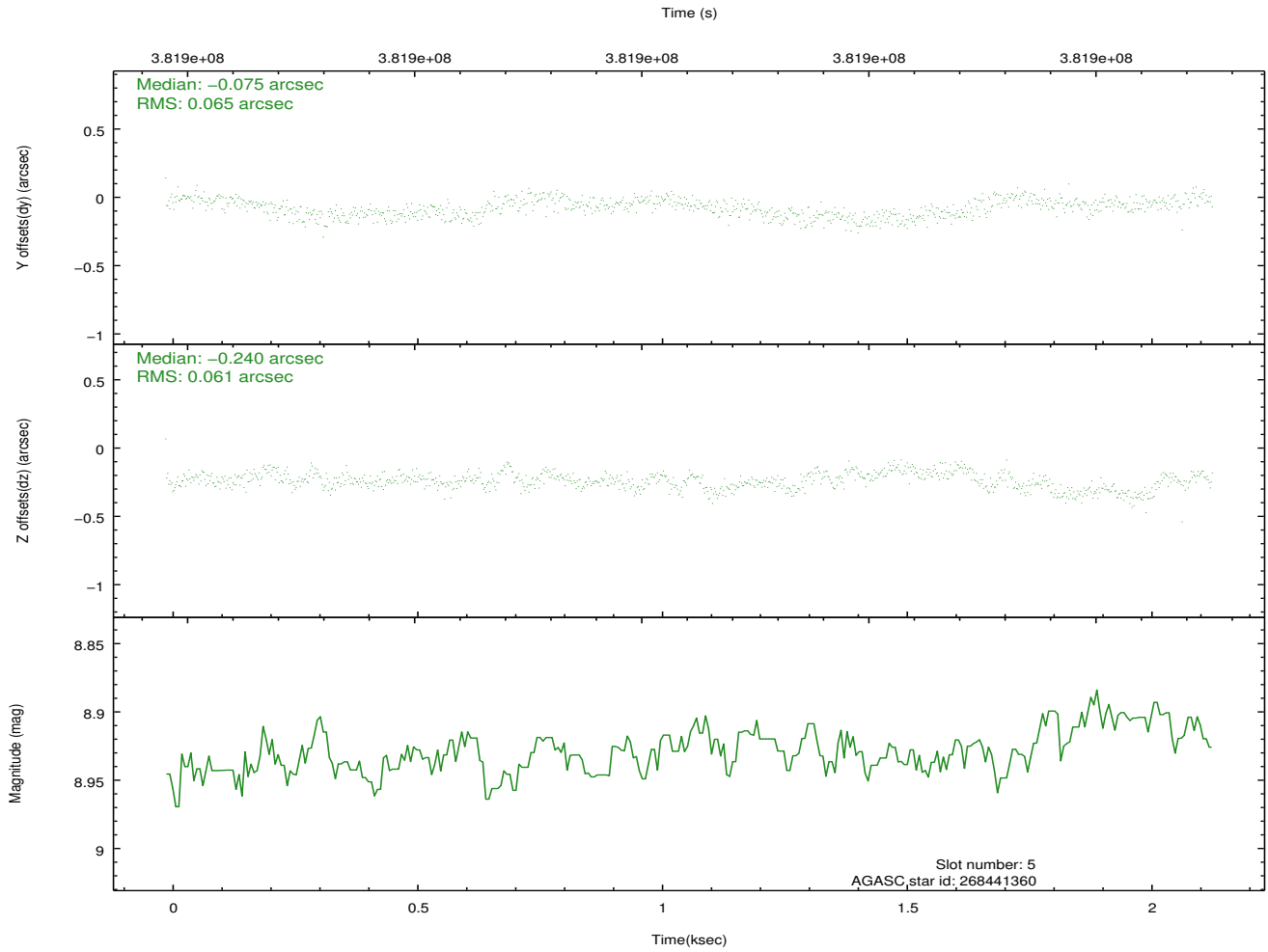
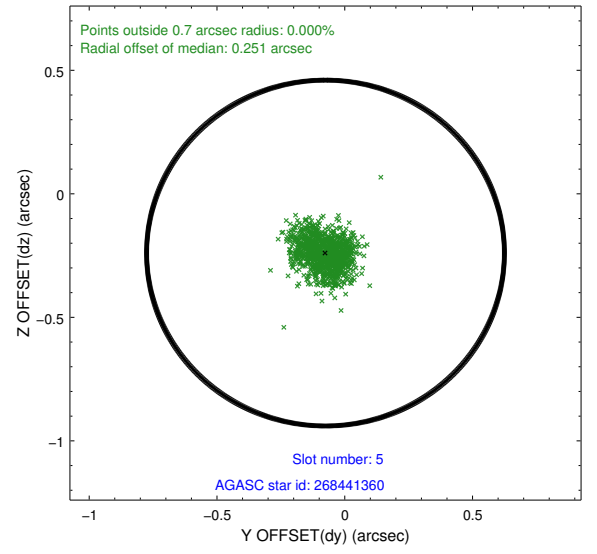
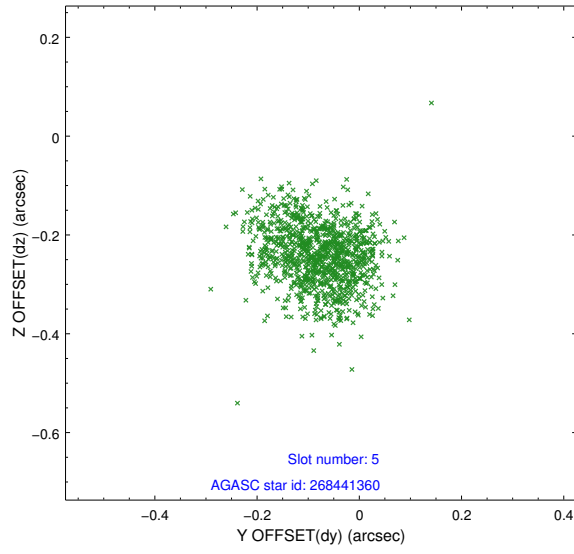
2.4.1 Slot 3



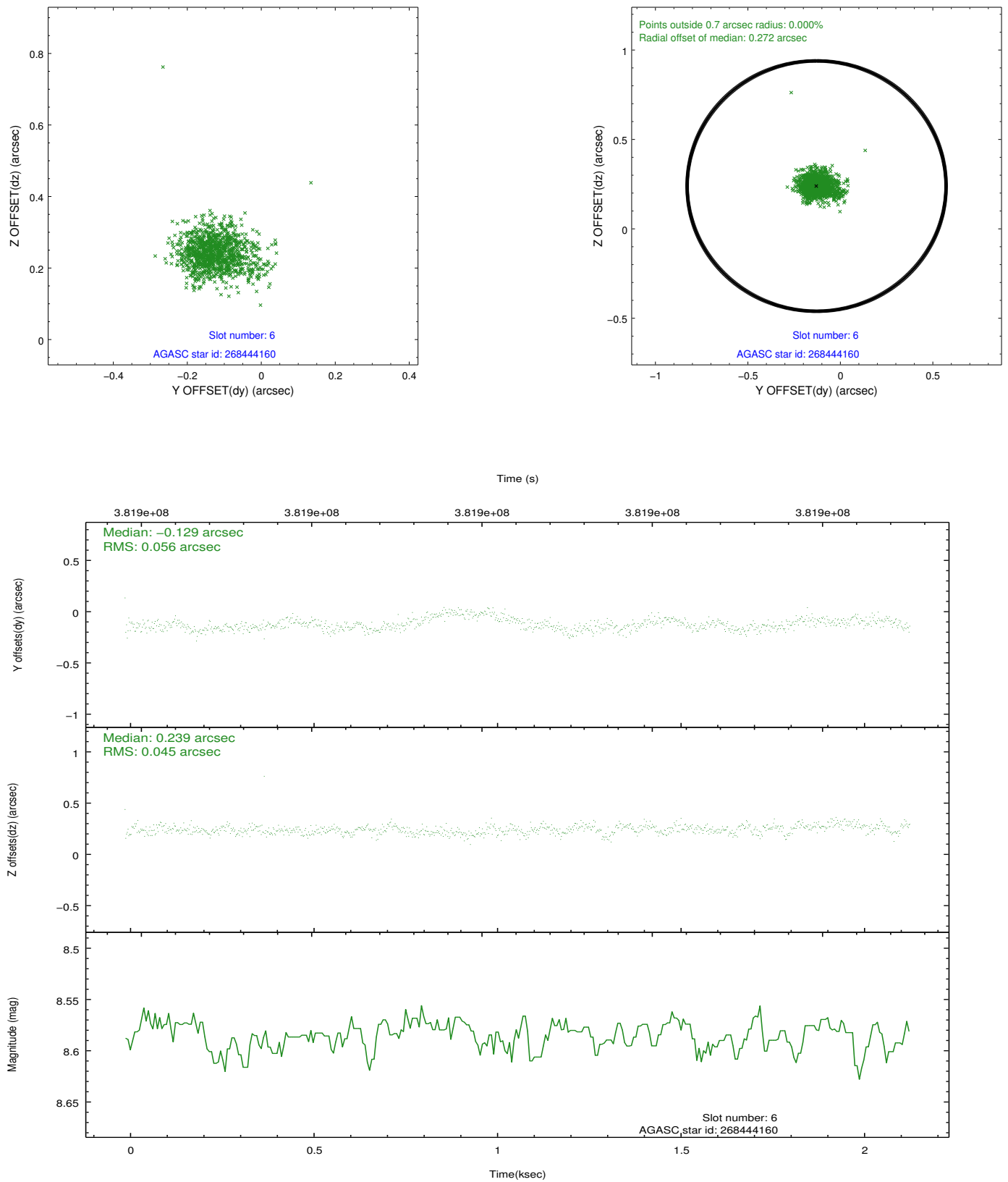
2.4.2 Slot 4



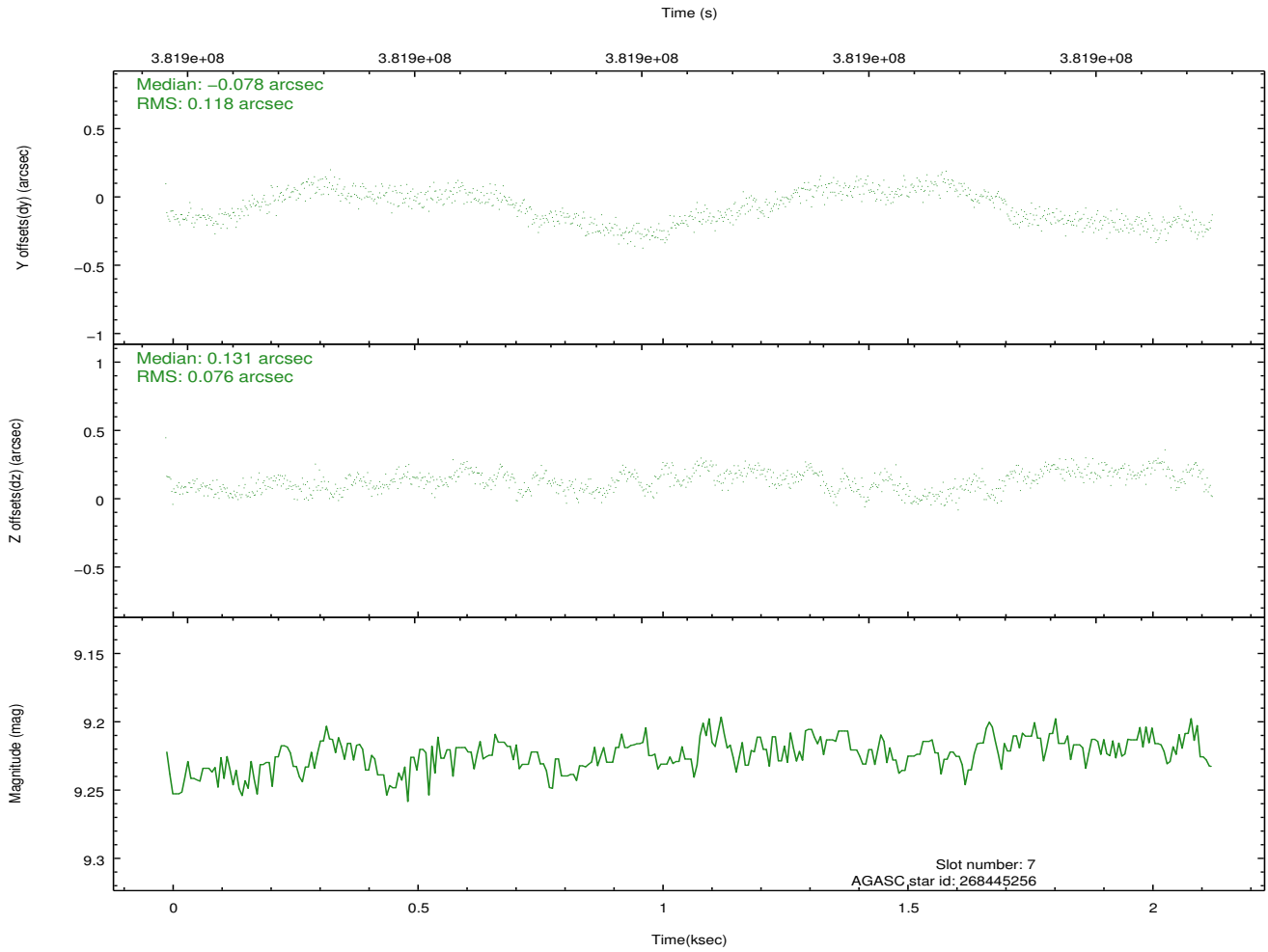
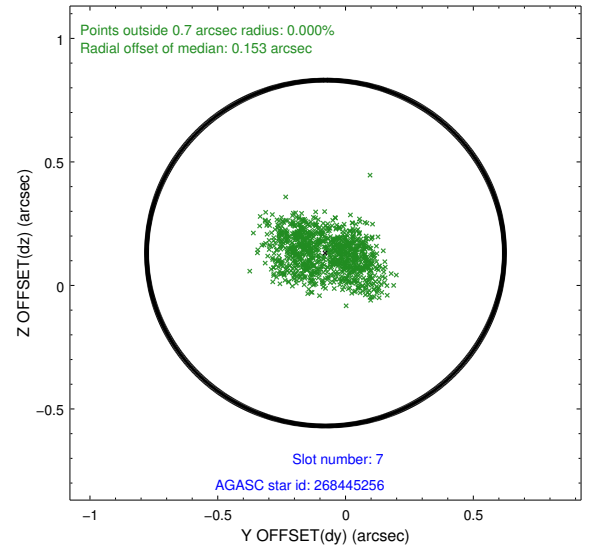
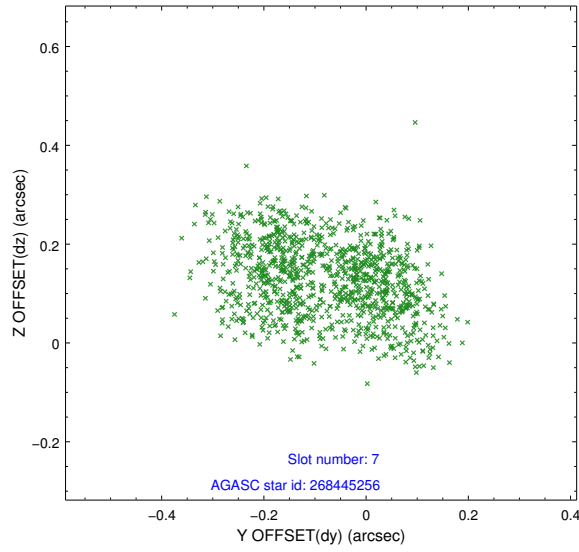
2.4.3 Slot 5



2.4.4 Slot 6

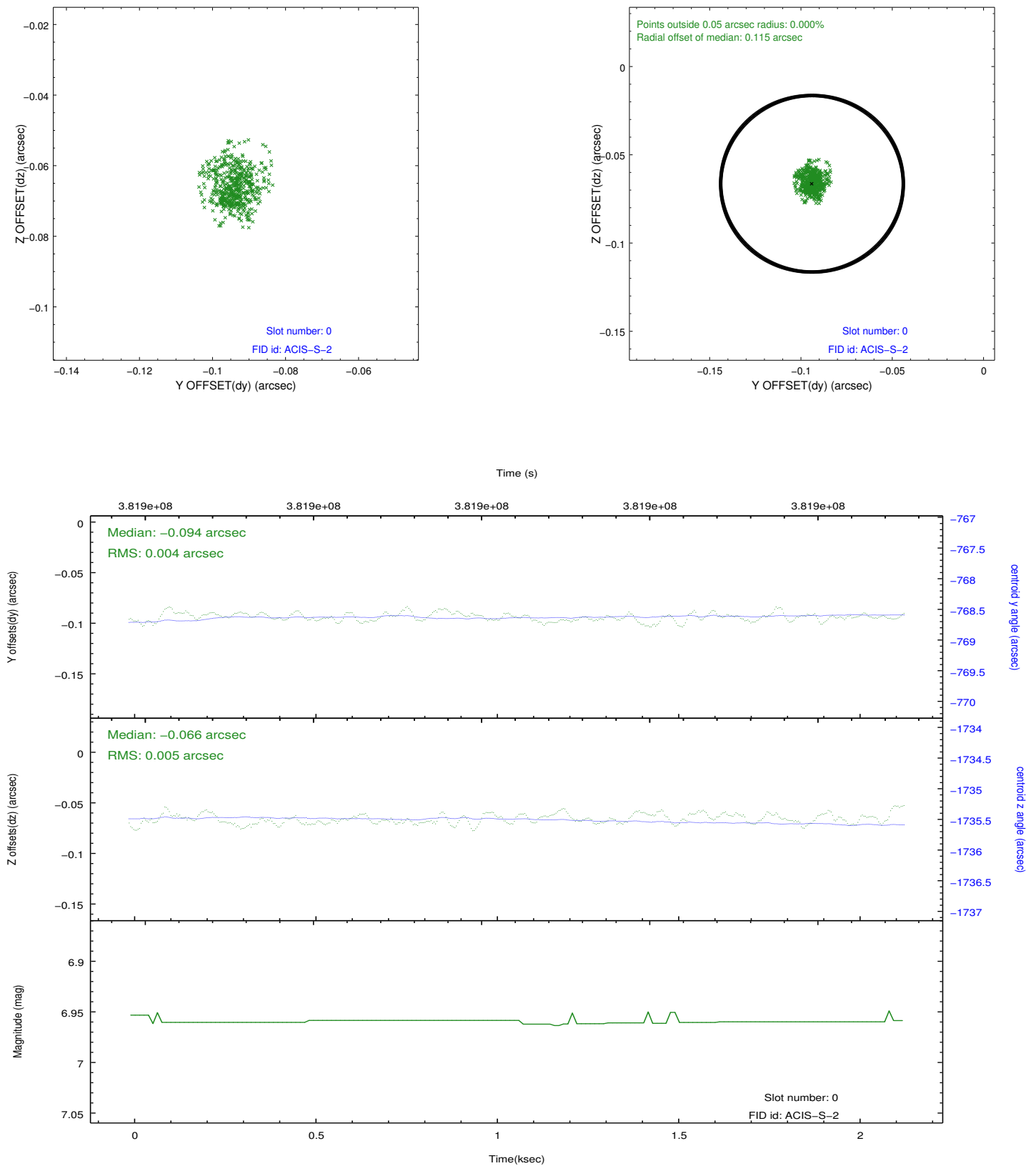


2.4.5 Slot 7

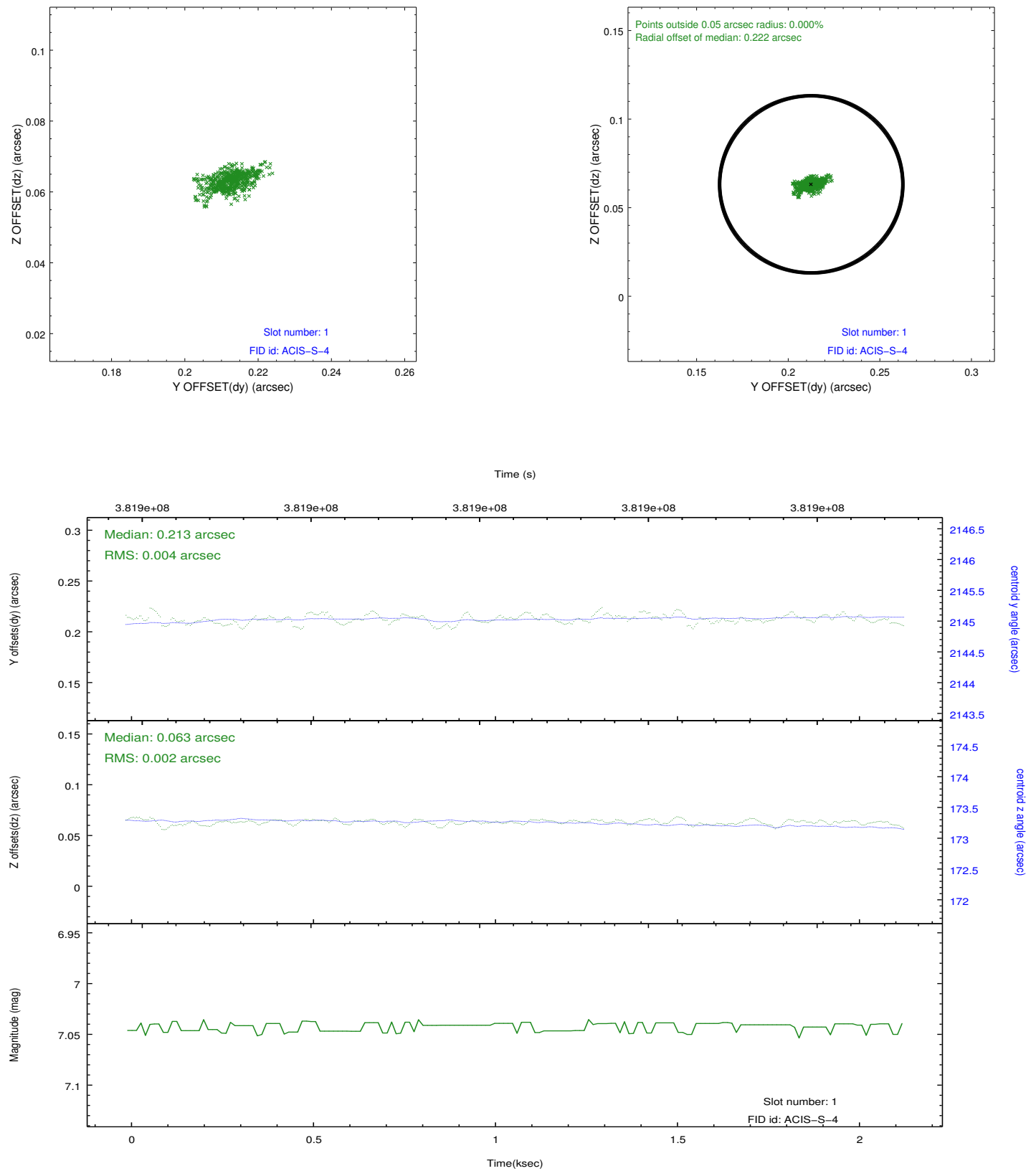


2.5 FID Slots

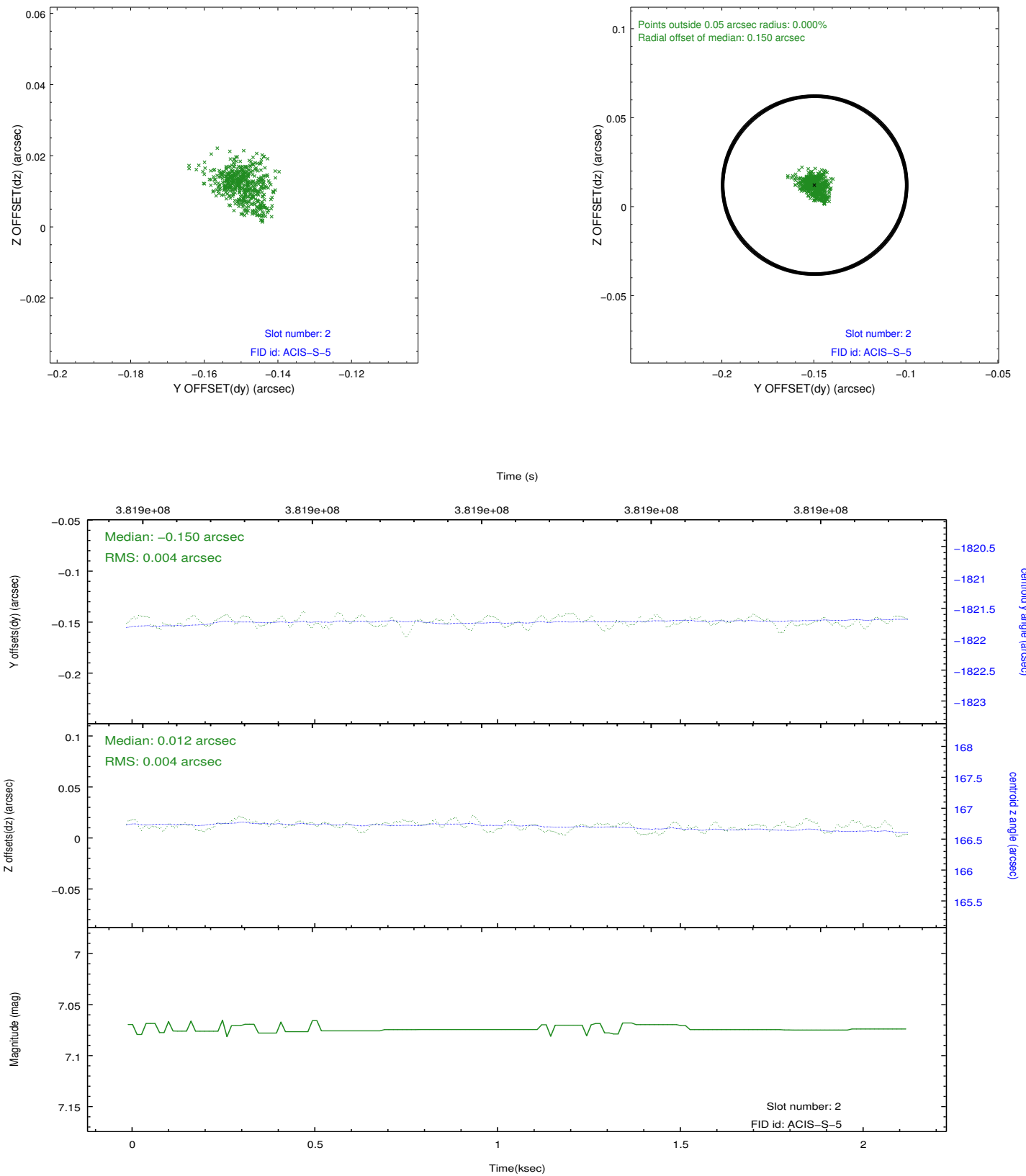
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.137199872613

A.2 Comments