

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7733 - L2 Version 3
Chandra X-Ray Center

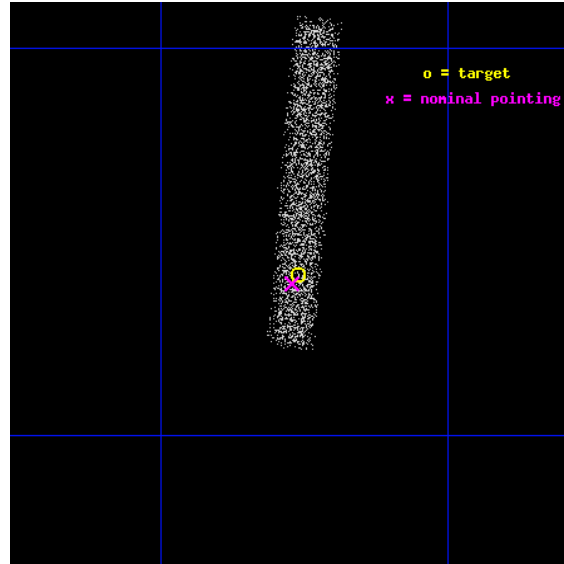
L2 Processing Date : Apr 21 2012

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1 Front

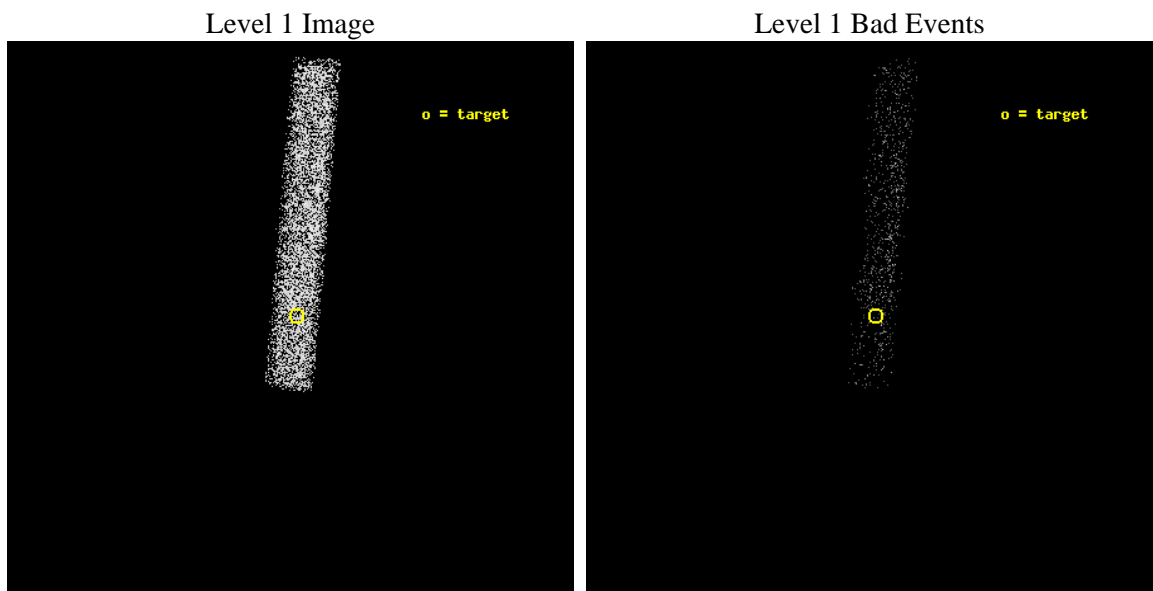
seq_num	701401	Sequence number
obs_id	7733	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes: Part II	
observer	Dr. Luis Ho	Principal investigator
object	SDSS J032515.59+003408.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	51.315	Observer's specified target RA [deg]
dec_targ	0.569	Observer's specified target Dec [deg]
ra_nom	51.317910602242	Nominal RA [deg]
dec_nom	0.56509331279048	Nominal Dec [deg]
roll_nom	274.89346548216	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4982.799703002	Sum of GTIs [s]
livetime	4519.1363168892	Livetime [s]
ontime7	4982.799703002	Sum of GTIs [s]
l2events	3697	Number of level 2 events



2 OBI

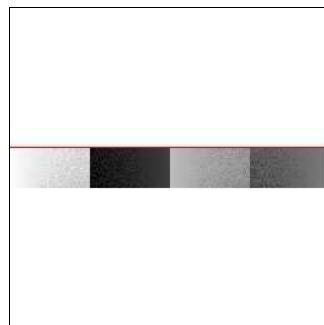
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	4982.799703002	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	4982.799703002	Sum of GTIs [s]
date	2012-04-21T13:11:58	Date and time of file creation	l1events	9541	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	9541
rejected events	5692
rejected %	59%

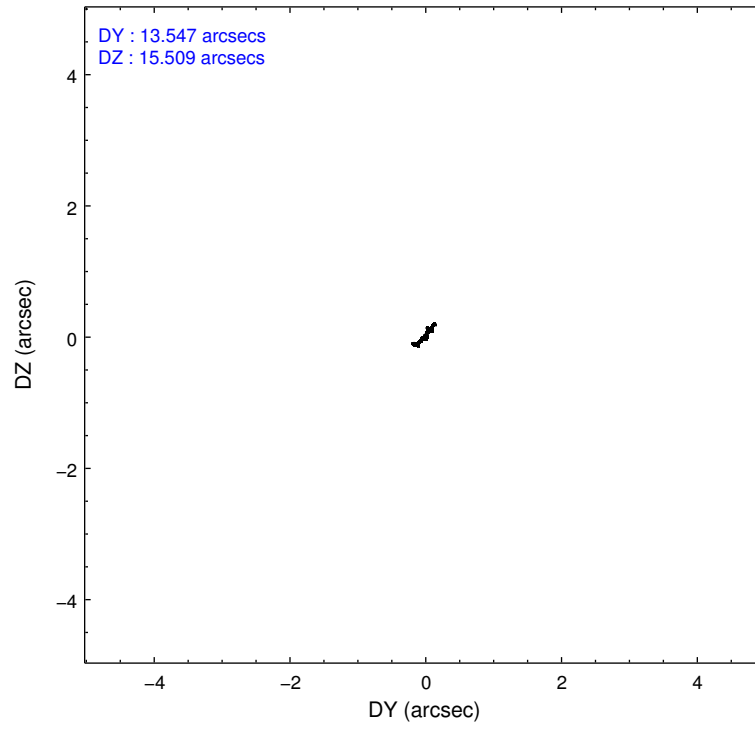
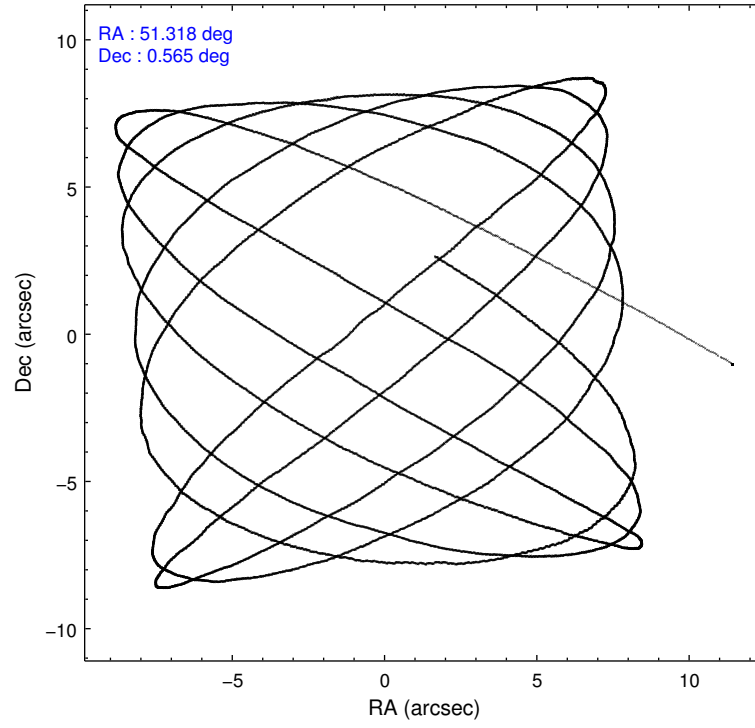
	ccd 7
grade 0 events	425
	4%
grade 1 events	9
	0%
grade 2 events	824
	8%
grade 3 events	549
	5%
grade 4 events	531
	5%
grade 5 events	917
	9%
grade 6 events	2058
	21%
grade 7 events	4228
	44%

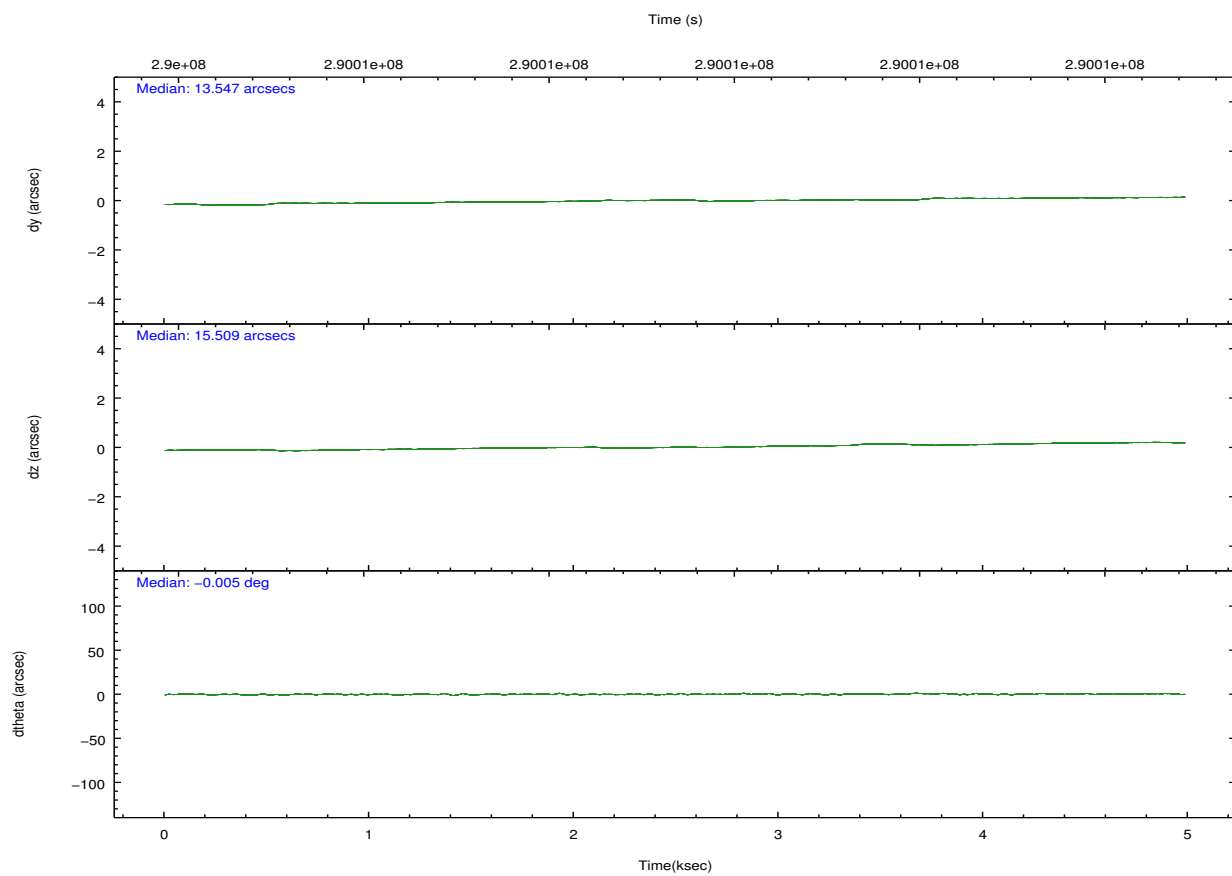
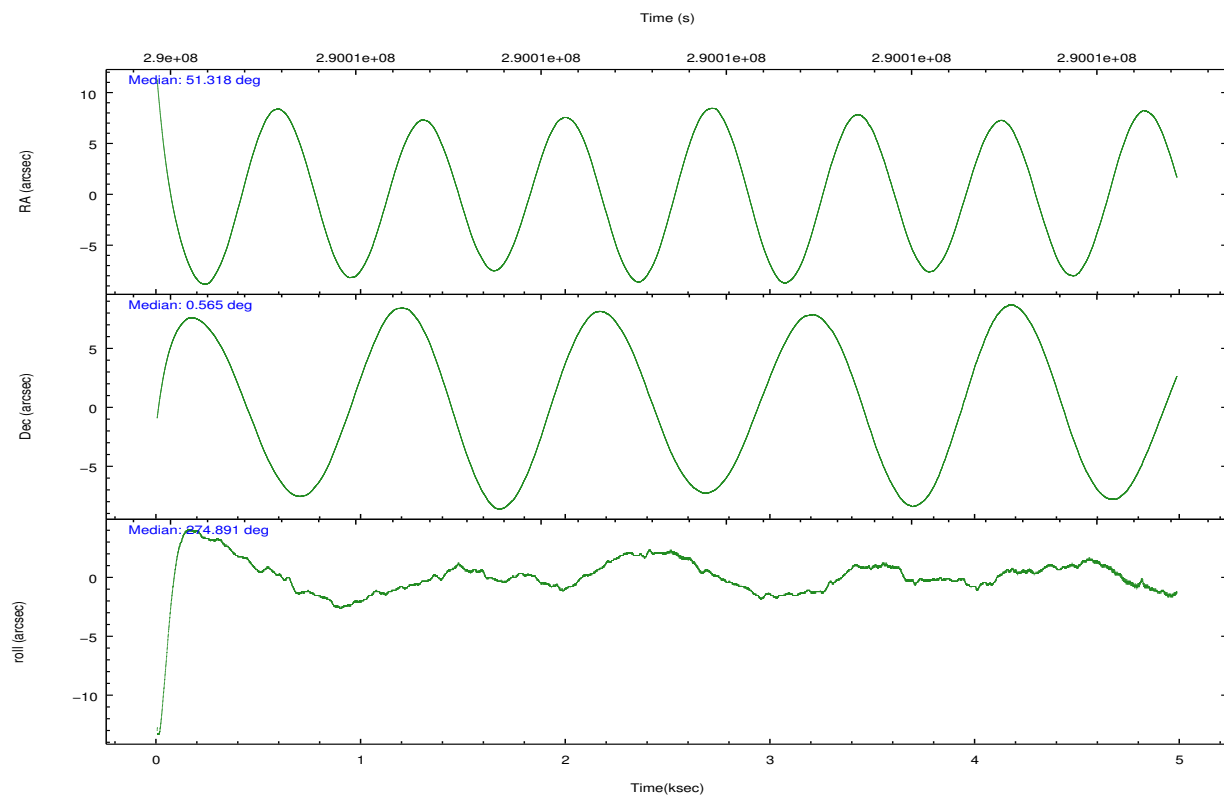
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	51.301940	51.3179106022416
[deg] Pointing Dec	0.587317	0.5650933127904757
[deg] Pointing Roll	274.737047	274.8934654821581
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	290005373.184000	290004268.8152
Observation start date	2007-03-11T13:01:48	2007-03-11T12:44:28
[s] Observation end time (MET)	290010173.184000	290010973.85302
Observation end date	2007-03-11T14:21:48	2007-03-11T14:36:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



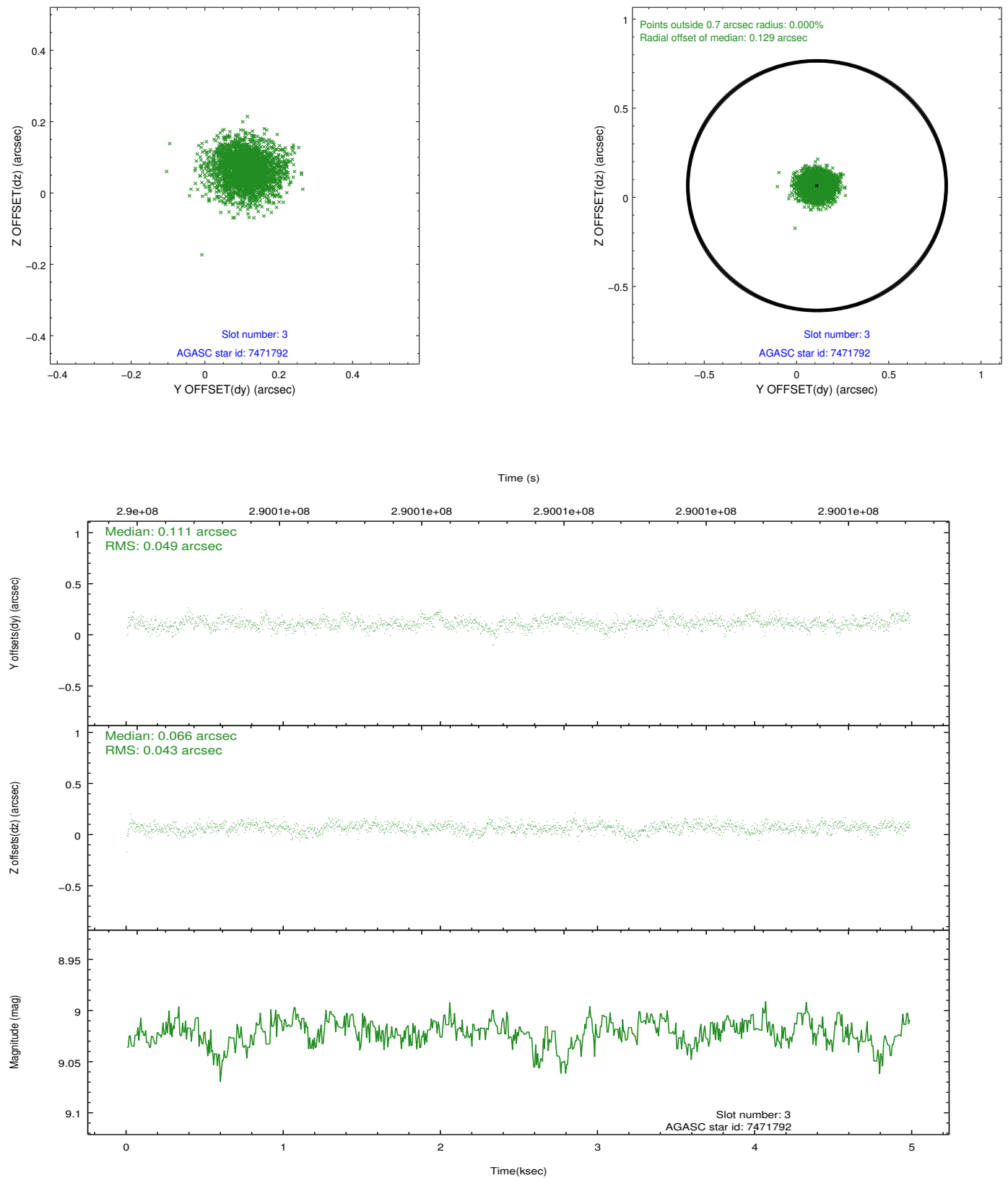


Slot Statistics

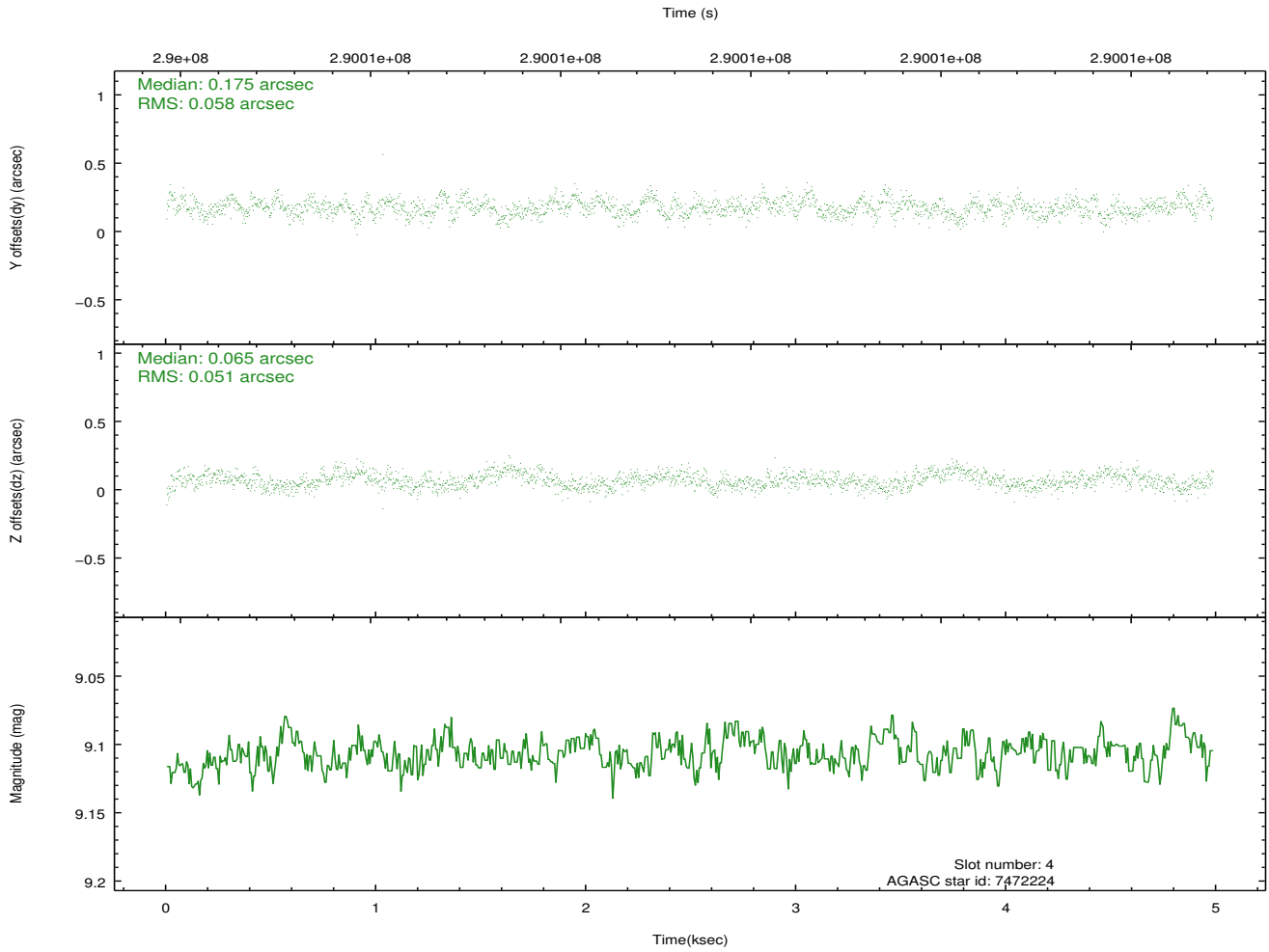
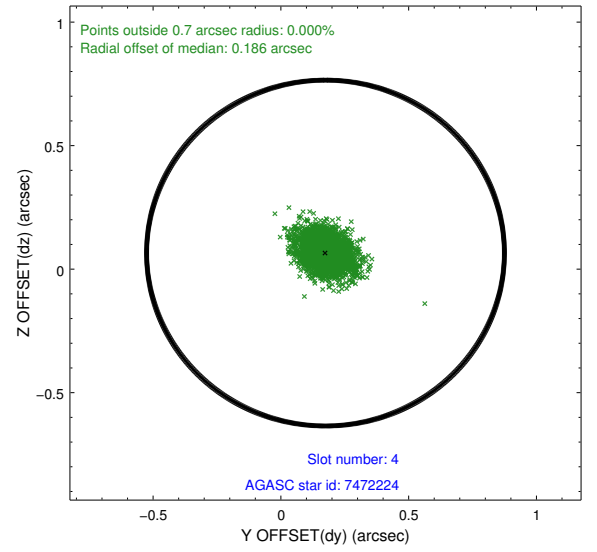
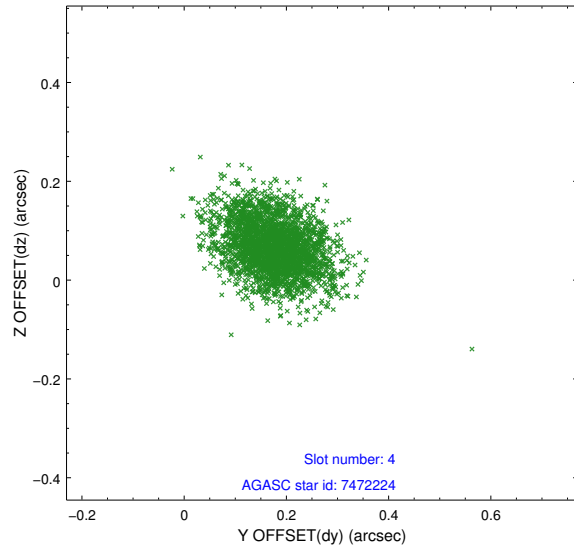
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1216	-0.059	-0.034	0.007	0.013	0.000000	0.000000	-766.51	-1736.97
1	FID	ACIS-S-4	7.19	1216	0.201	0.037	0.007	0.014	0.000000	0.000000	2146.45	170.35
2	FID	ACIS-S-5	7.22	1216	-0.172	0.005	0.007	0.012	0.000000	0.000000	-1817.91	165.34
3	GUIDE	7471792	9.02	2430	0.111	0.066	0.069	0.111	51.669944	0.071818	1959.41	1167.30
4	GUIDE	7472224	9.11	2430	0.175	0.065	0.082	0.136	50.954093	0.013958	1955.17	-1417.65
5	GUIDE	7473760	7.98	2432	-0.333	-0.108	0.059	0.097	50.705358	1.159332	-2228.48	-1970.80
6	GUIDE	7475056	9.36	2431	-0.040	-0.052	0.102	0.164	50.630360	0.740303	-749.05	-2364.51
7	GUIDE	7472568	9.18	2426	0.087	0.018	0.099	0.163	51.063140	0.244649	1159.34	-959.16

2.4 Star Slots

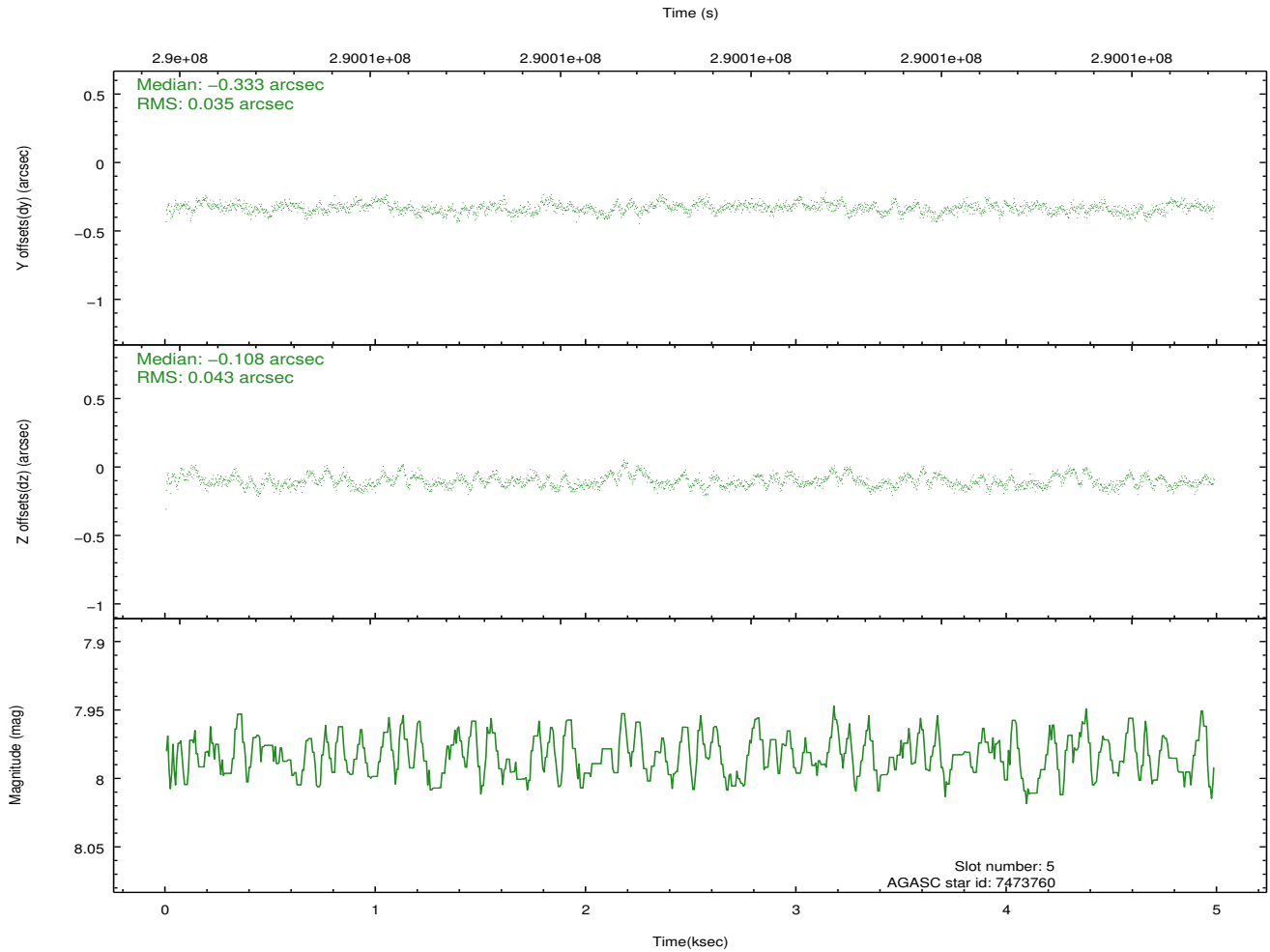
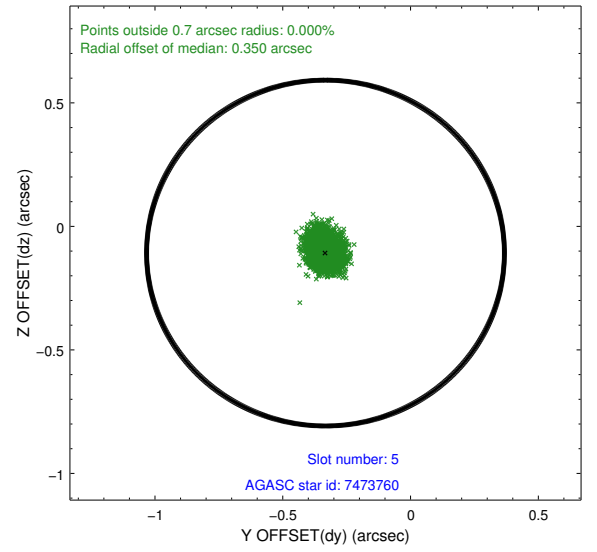
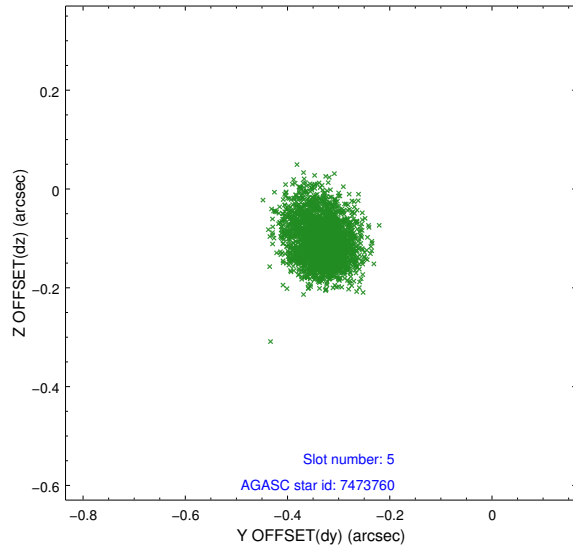
2.4.1 Slot 3



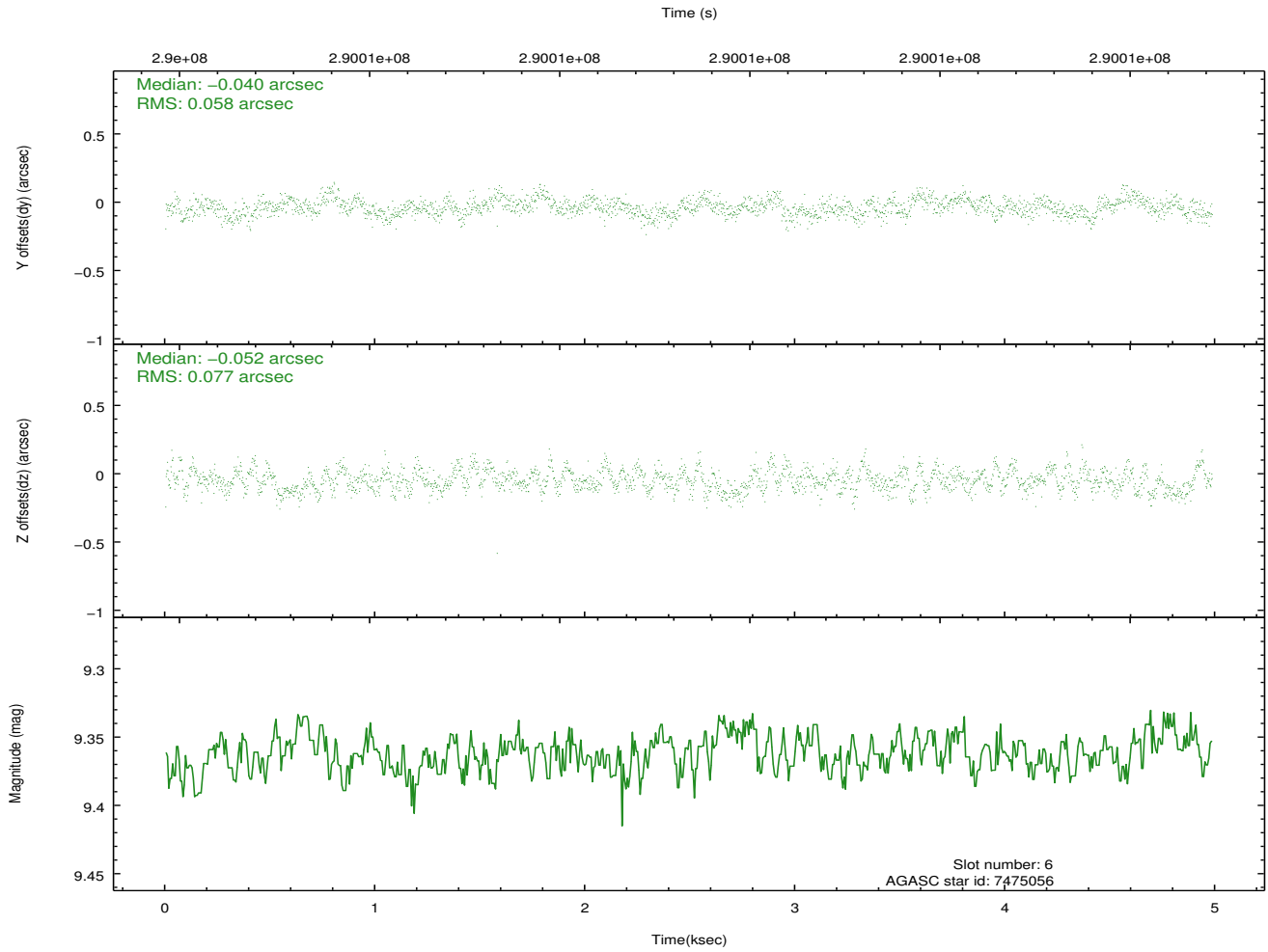
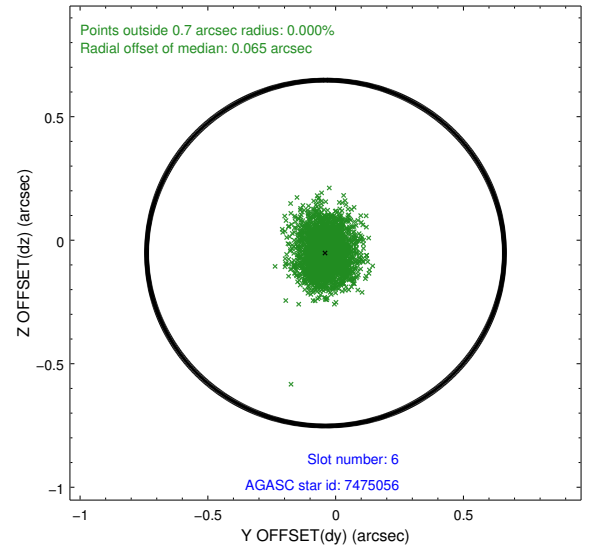
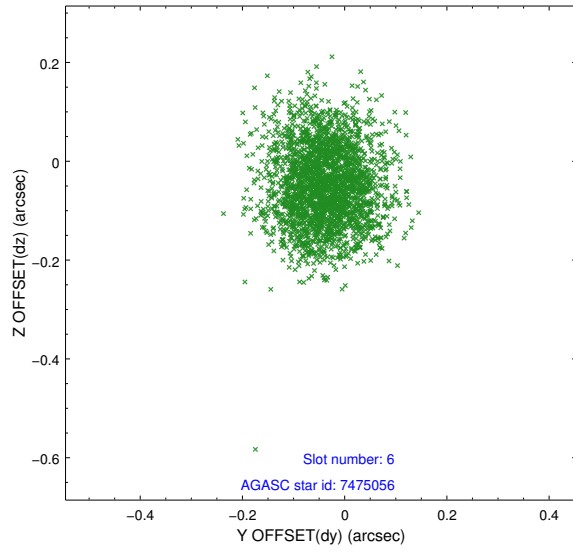
2.4.2 Slot 4



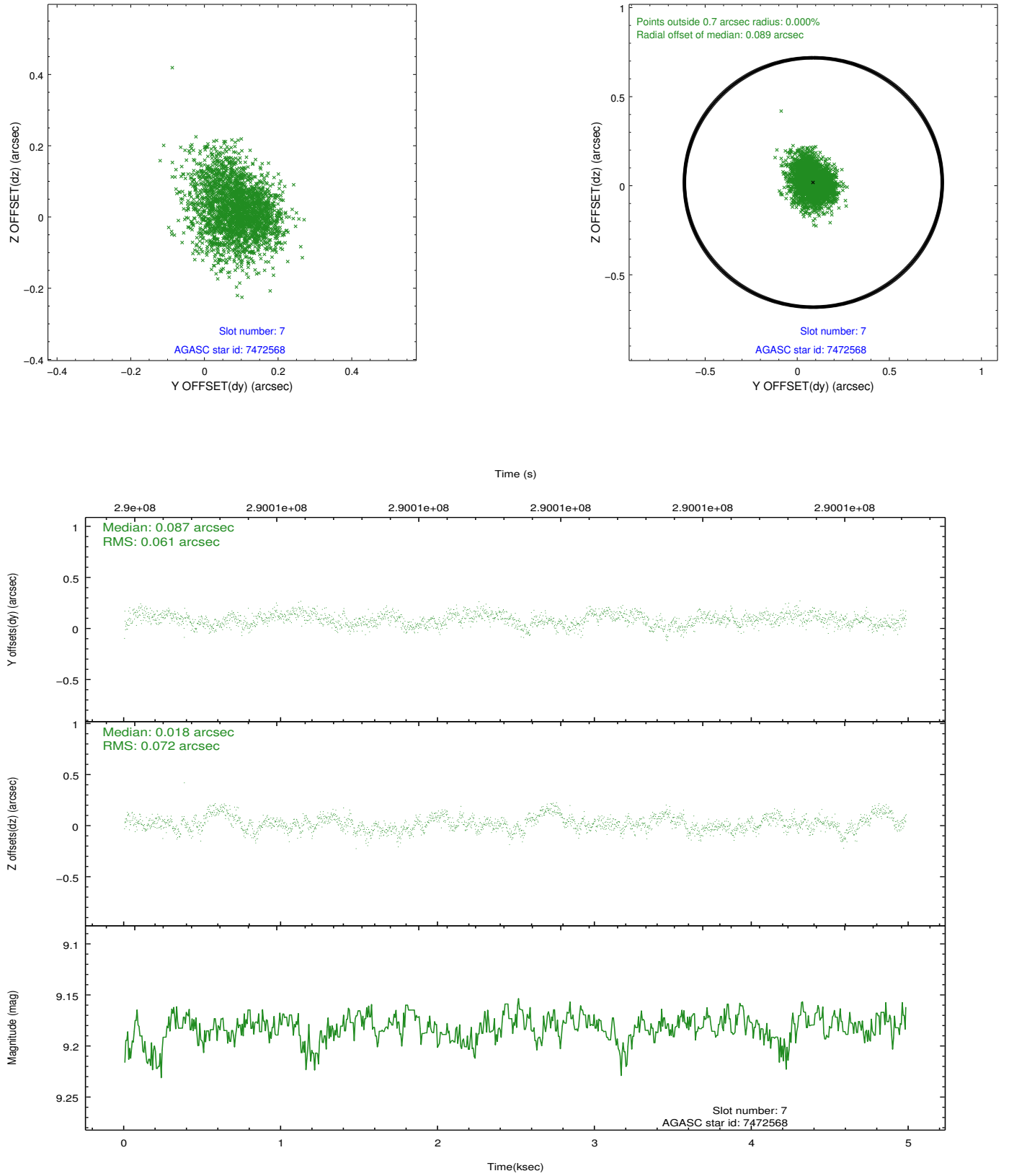
2.4.3 Slot 5



2.4.4 Slot 6

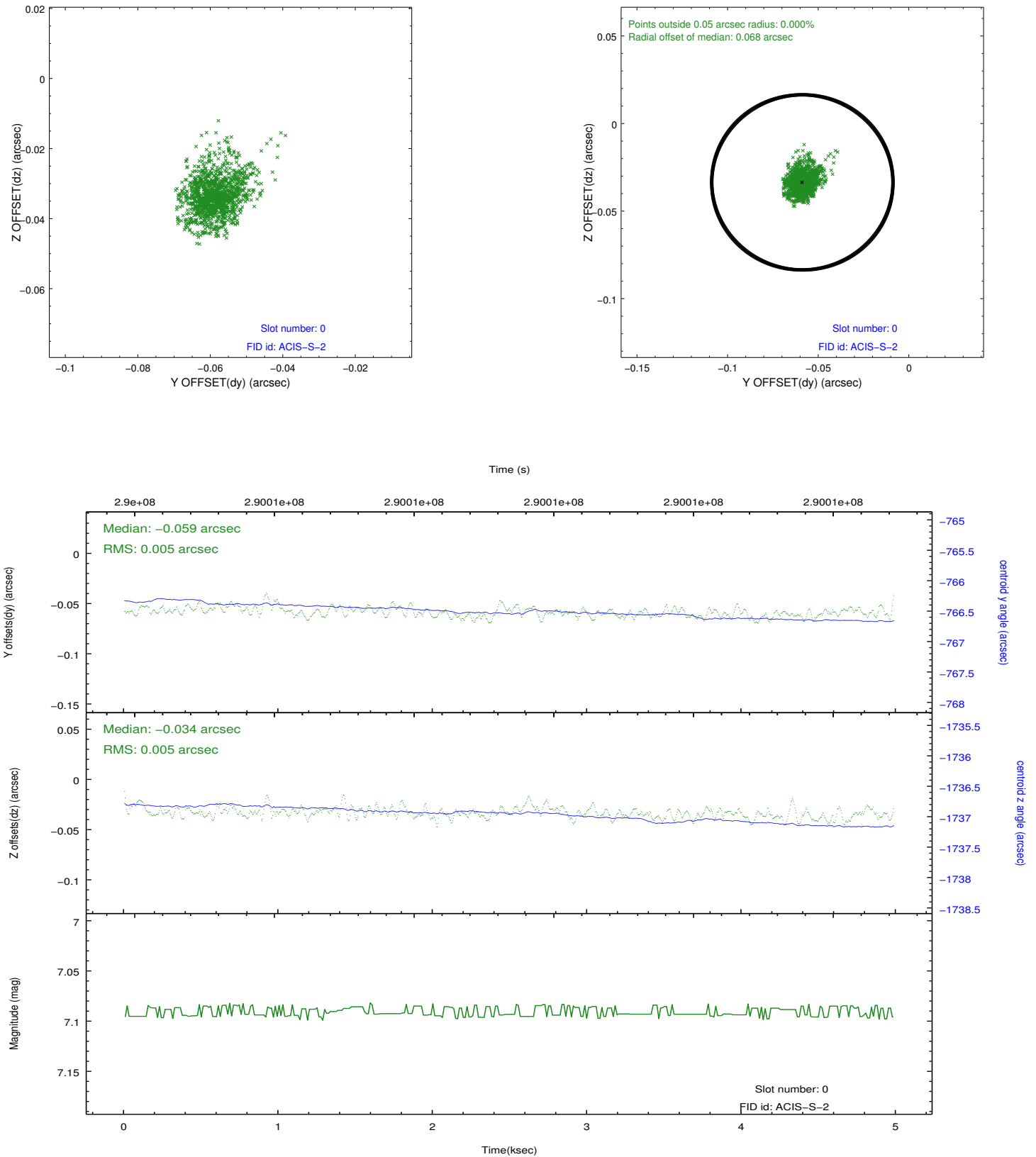


2.4.5 Slot 7

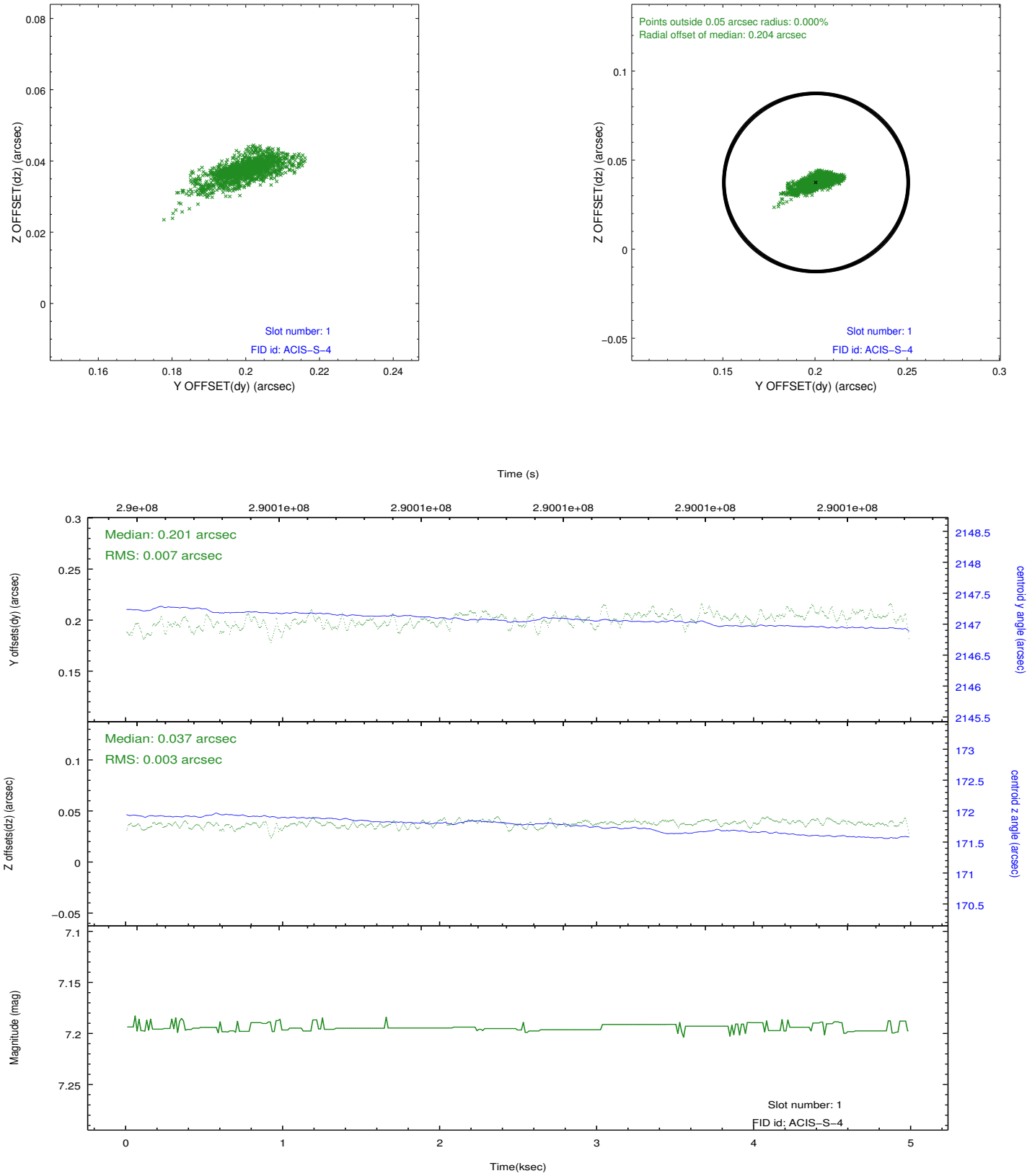


2.5 FID Slots

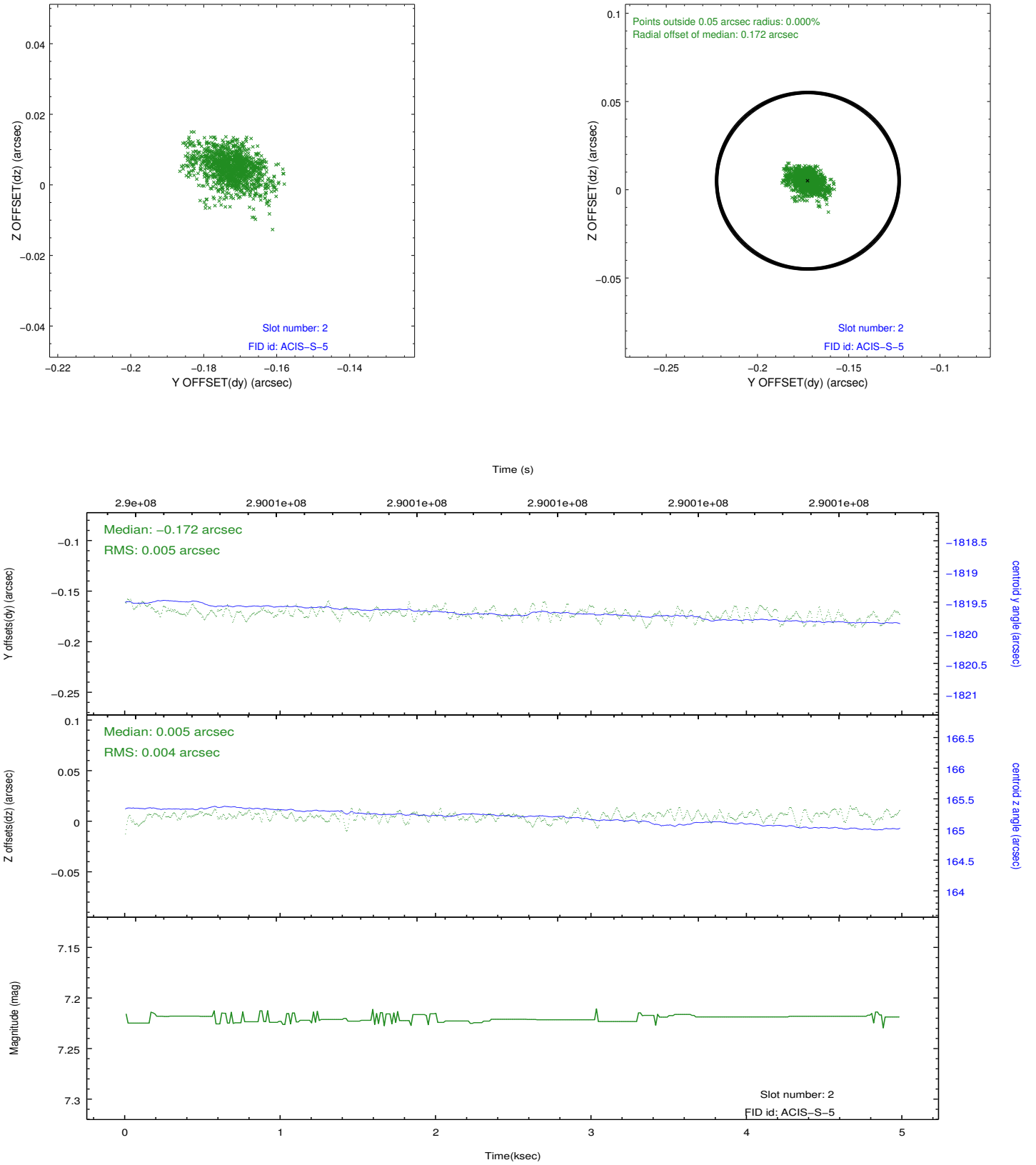
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9827997

A.2 Comments