

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7739 - L2 Version 2
Chandra X-Ray Center

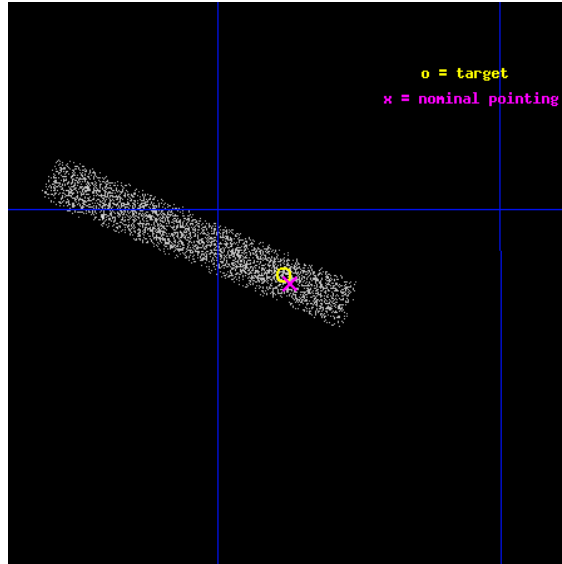
L2 Processing Date : Apr 27 2012

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1 Front

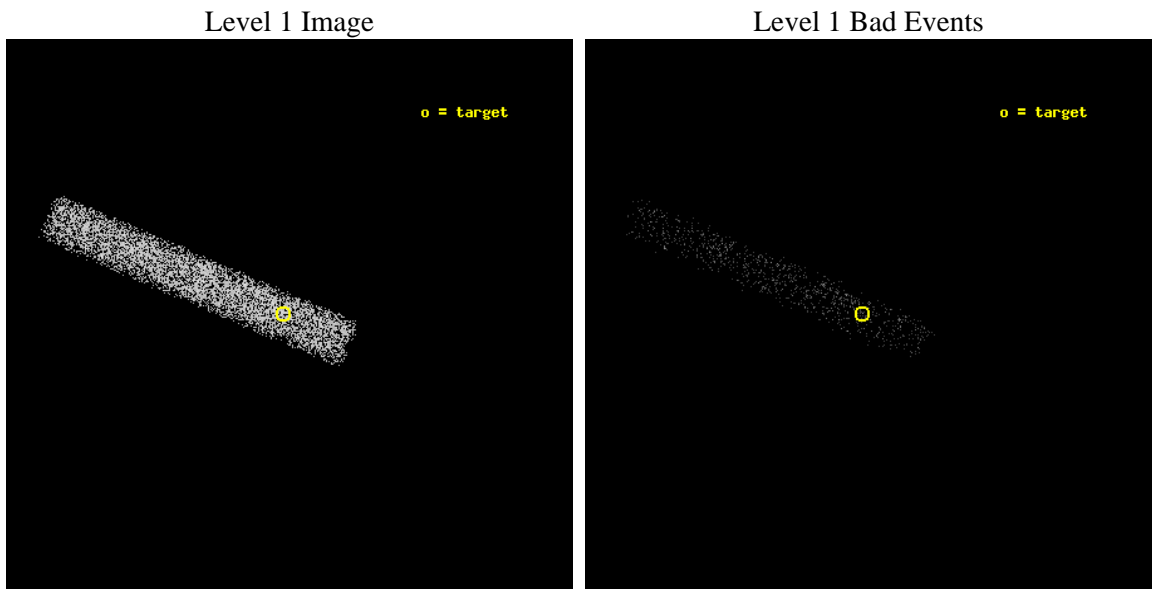
seq_num	701407	Sequence number
obs_id	7739	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes: Part II	
observer	Dr. Luis Ho	Principal investigator
object	SDSS J170246.09+602818.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.692083	Observer's specified target RA [deg]
dec_targ	60.471917	Observer's specified target Dec [deg]
ra_nom	255.68640544639	Nominal RA [deg]
dec_nom	60.468043489283	Nominal Dec [deg]
roll_nom	202.92415085881	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5185.5996909142	Sum of GTIs [s]
livetime	4703.0652012644	Livetime [s]
ontime7	5185.5996909142	Sum of GTIs [s]
l2events	4058	Number of level 2 events



2 OBI

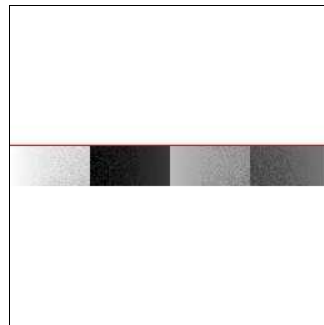
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5185.5996909142	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	5185.5996909142	Sum of GTIs [s]
date	2012-04-27T13:07:54	Date and time of file creation	l1events	9502	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

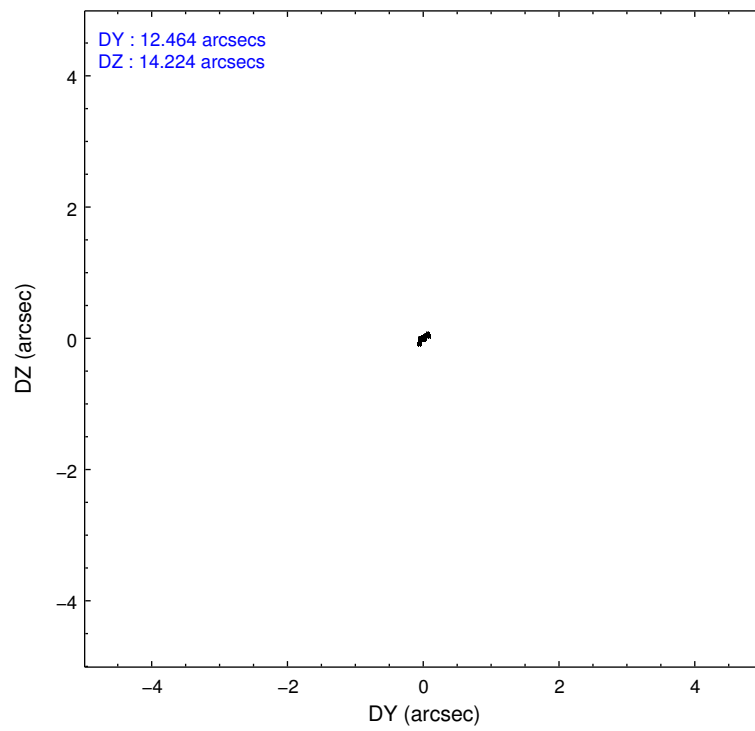
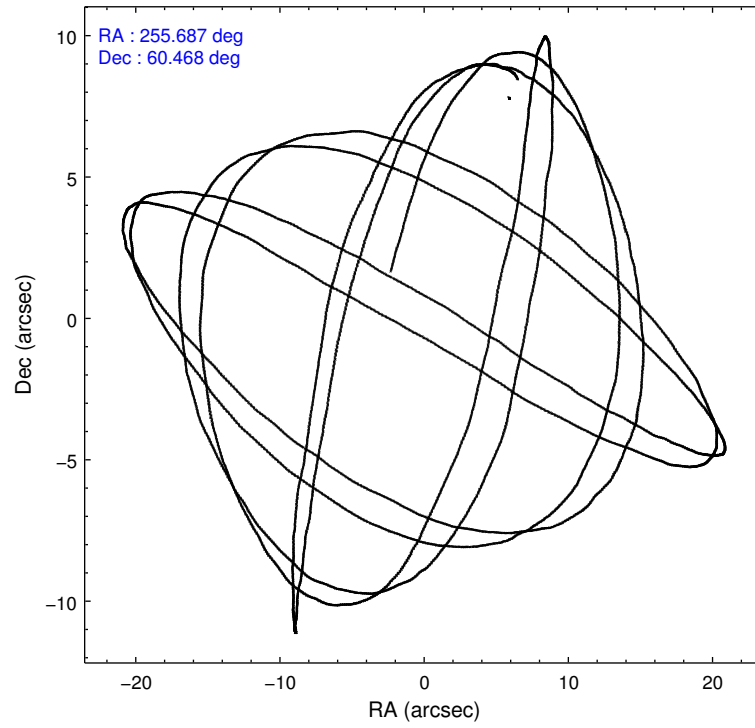
	ccd 7
level 1 events	9502
rejected events	5271
rejected %	55%

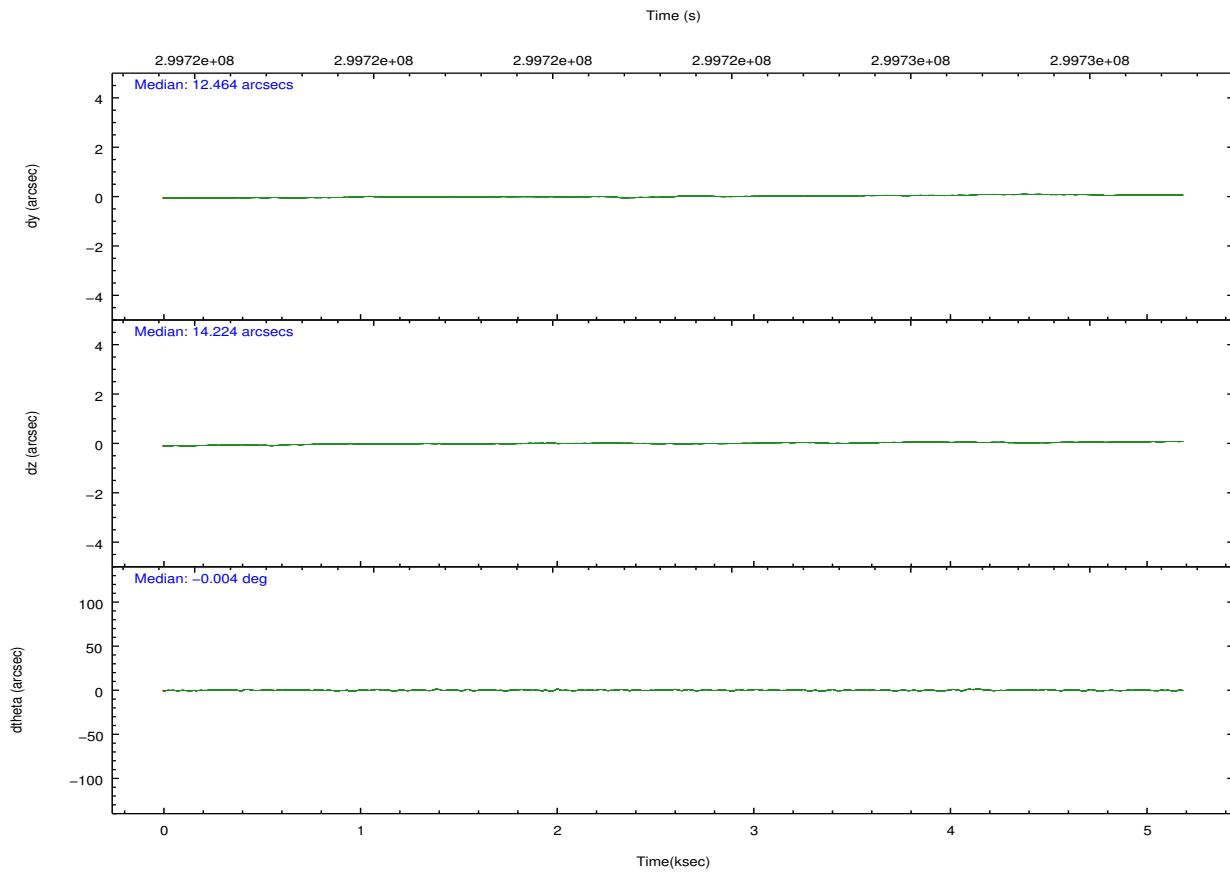
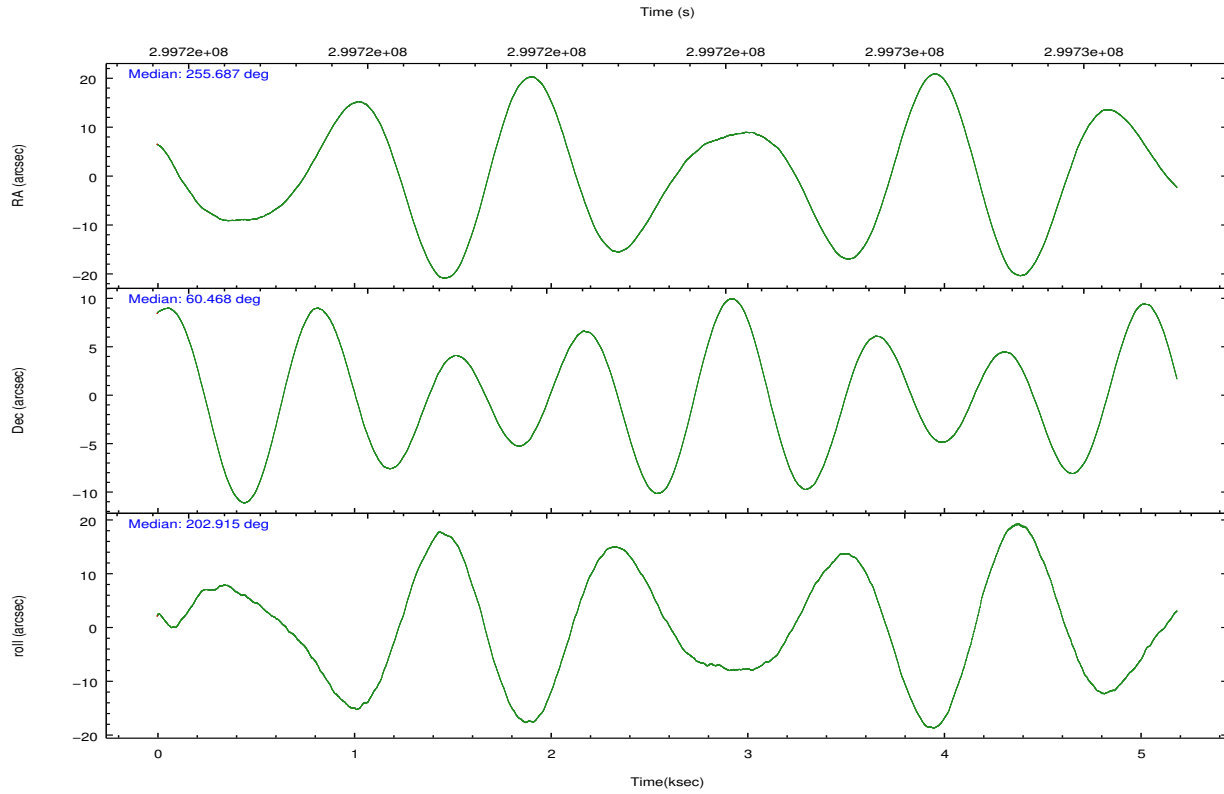
	ccd 7
grade 0 events	449
	4%
grade 1 events	4
	0%
grade 2 events	835
	8%
grade 3 events	565
	5%
grade 4 events	568
	5%
grade 5 events	885
	9%
grade 6 events	2066
	21%
grade 7 events	4130
	43%

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	255.719242	255.6864054463881	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	60.490007	60.46804348928332	Subarray start row	449	449
[deg] Pointing Roll	202.738947	202.924150858814	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)	299722264.184000	299721482.47895			
Observation start date	2007-07-02T00:09:59	2007-07-01T23:58:02			
[s] Observation end time (MET)	299727264.184000	299727484.36674			
Observation end date	2007-07-02T01:33:19	2007-07-02T01:38:04			
Read mode	TIMED	TIMED			

2.3 Aspect



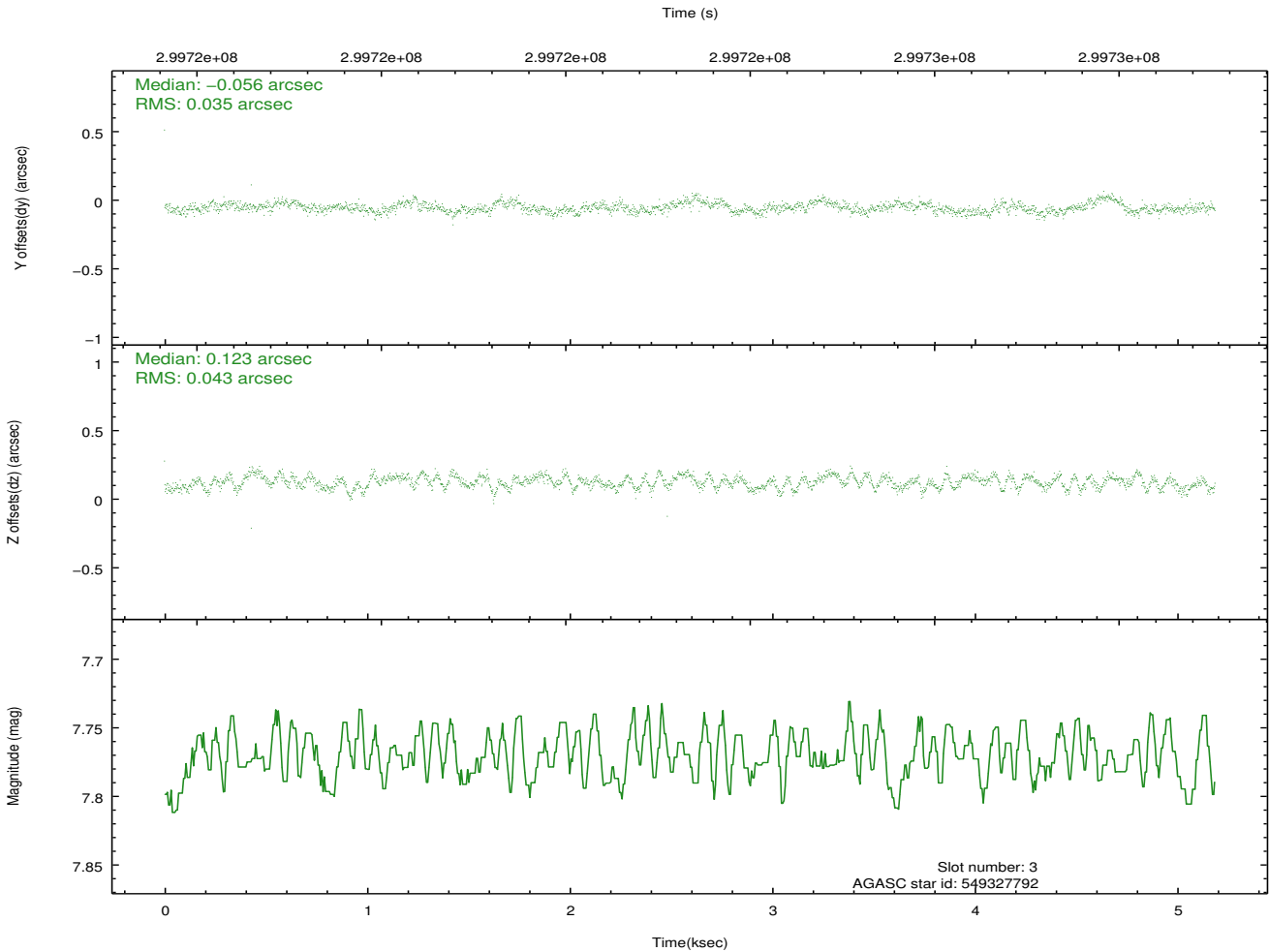
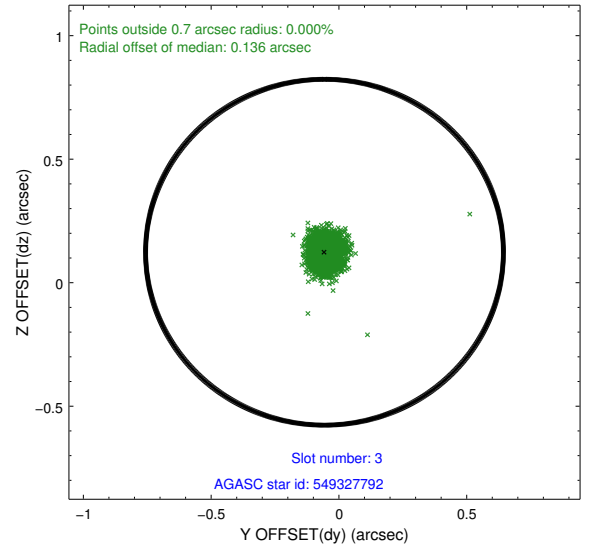
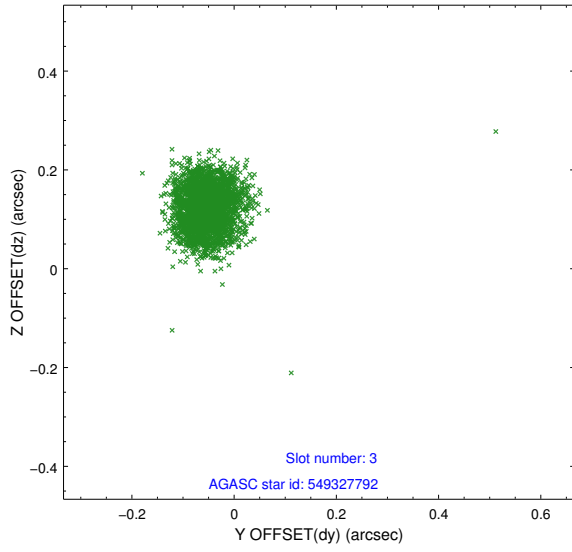


Slot Statistics

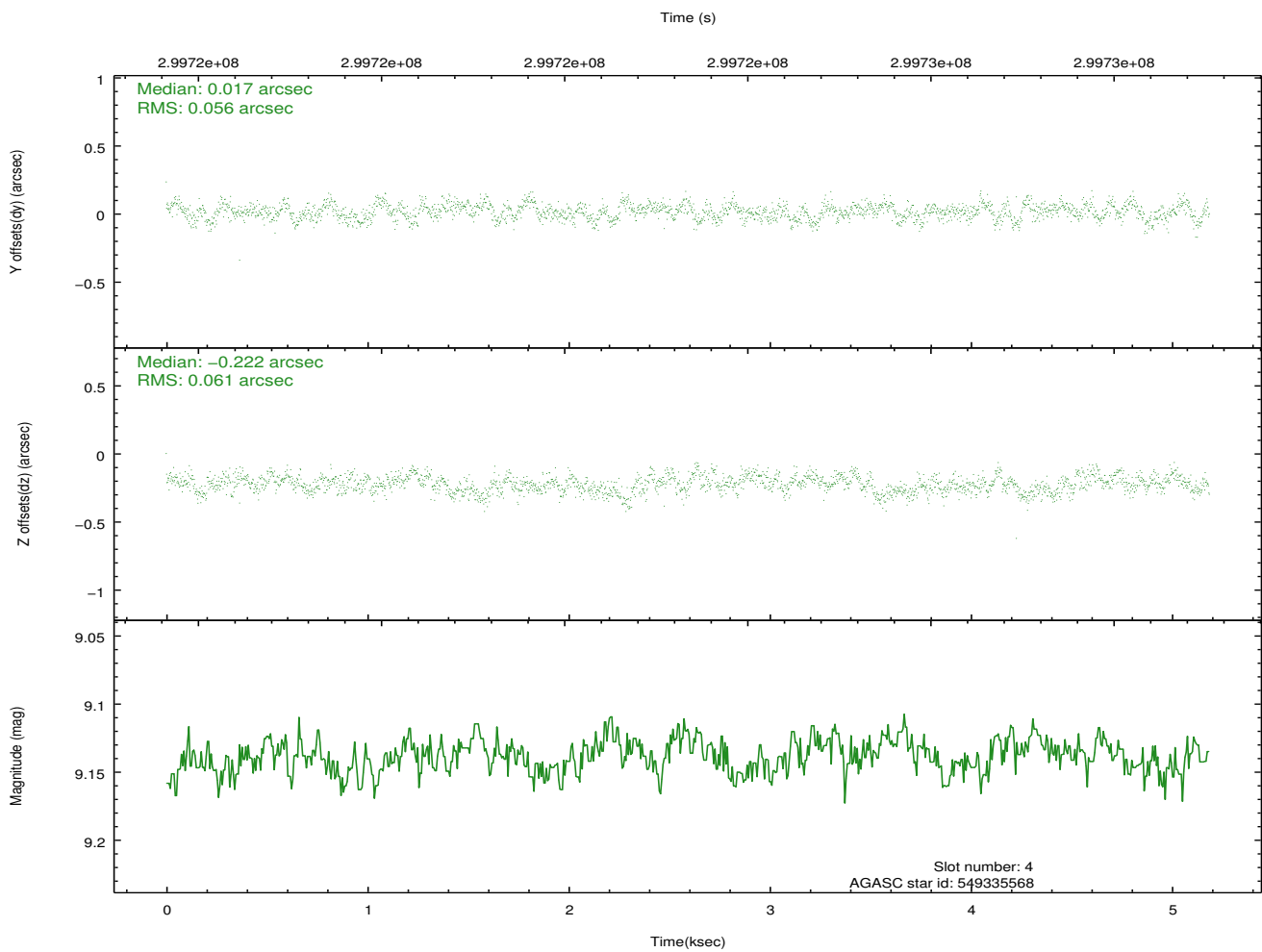
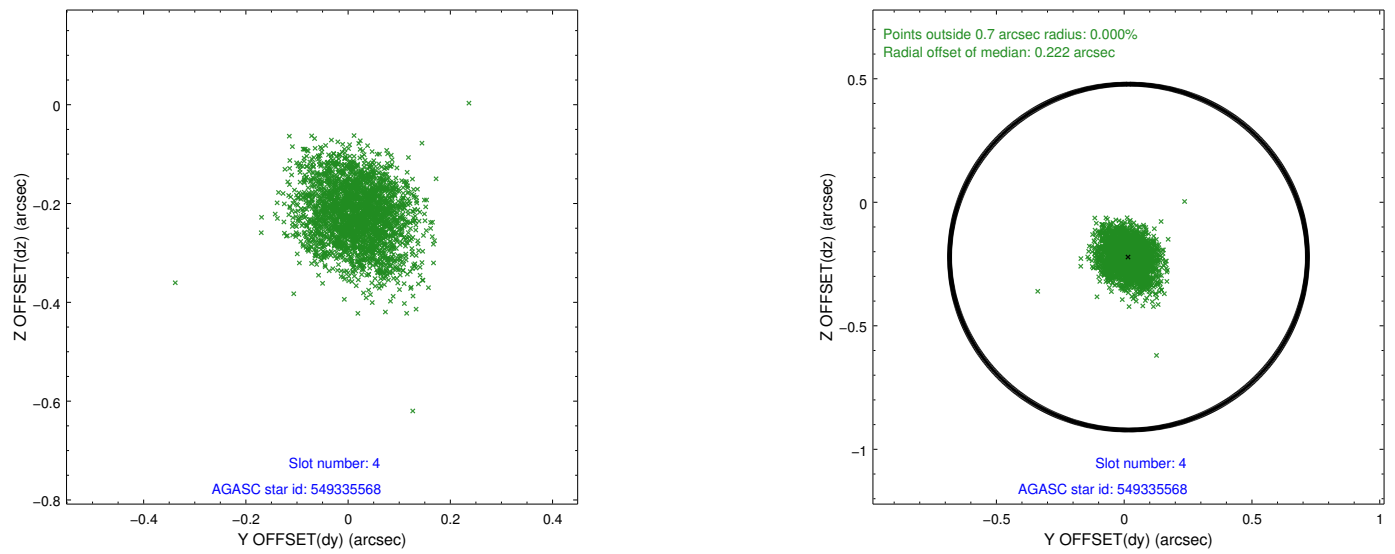
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1266	-0.082	-0.050	0.006	0.010	0.000000	0.000000	-765.45	-1735.64
1	FID	ACIS-S-4	7.19	1265	0.109	0.033	0.006	0.010	0.000000	0.000000	2147.48	171.73
2	FID	ACIS-S-6	7.33	1266	-0.056	0.024	0.007	0.011	0.000000	0.000000	398.05	810.44
3	GUIDE	549327792	7.77	2531	-0.056	0.123	0.058	0.090	256.039638	61.184138	-1478.69	-2090.67
4	GUIDE	549335568	9.14	2530	0.017	-0.222	0.088	0.139	256.855976	60.048810	-1277.66	2237.67
5	GUIDE	549339744	7.72	2530	-0.052	-0.139	0.063	0.101	256.589881	60.636084	-1624.77	100.76
6	GUIDE	549340064	7.54	2531	-0.038	0.319	0.053	0.083	255.160960	61.023929	153.51	-2151.90
7	GUIDE	549343168	8.81	2527	0.128	-0.085	0.077	0.122	255.365146	60.257248	907.01	526.60

2.4 Star Slots

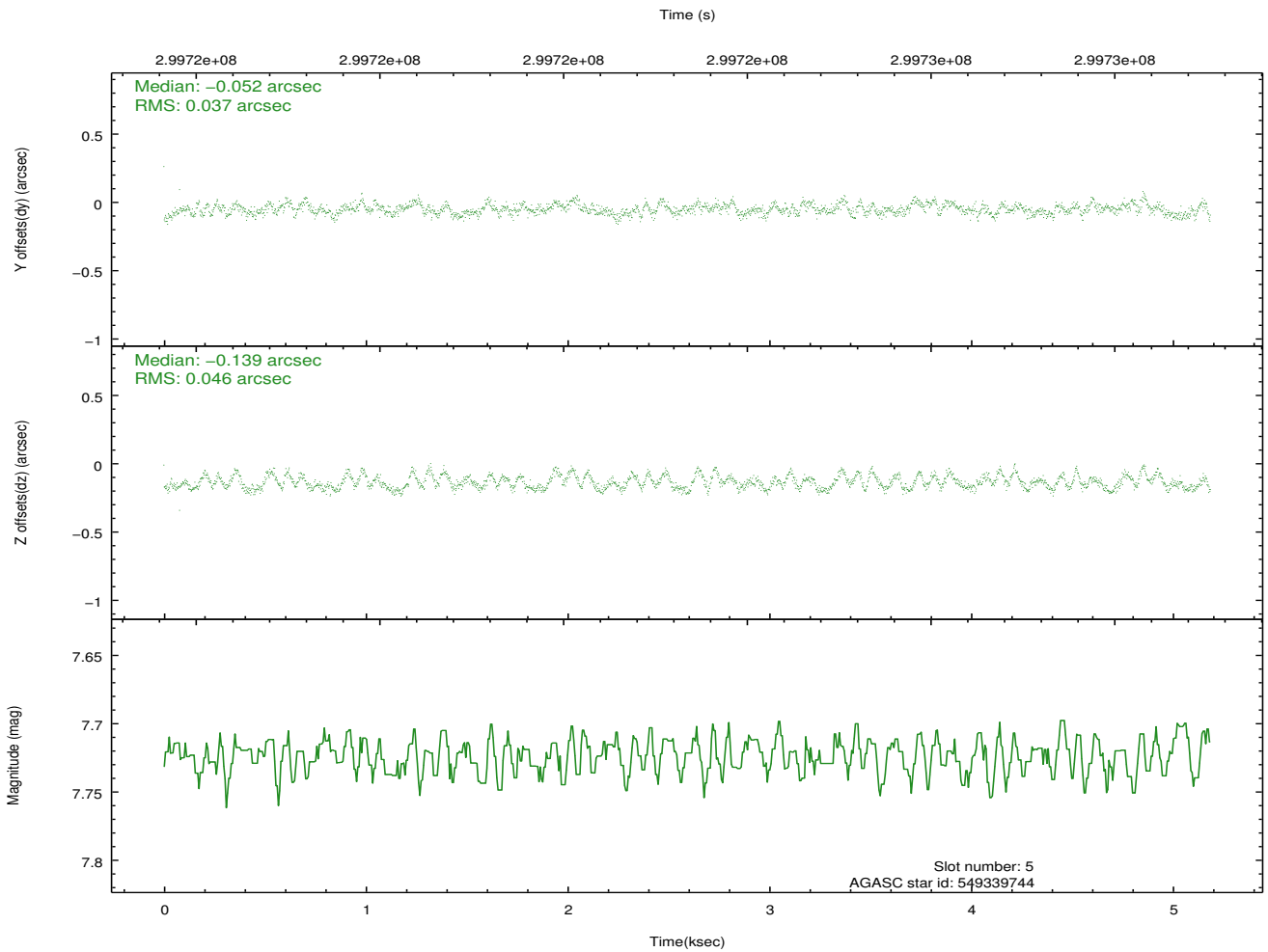
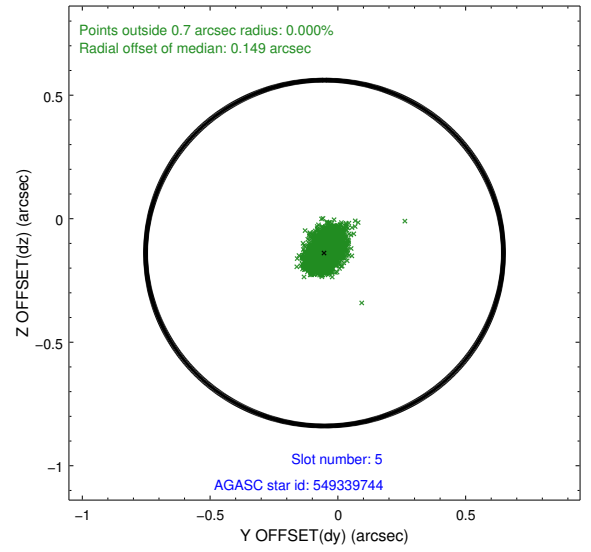
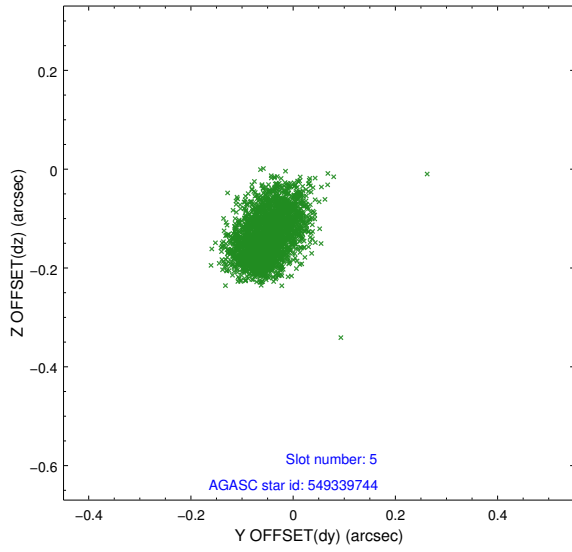
2.4.1 Slot 3



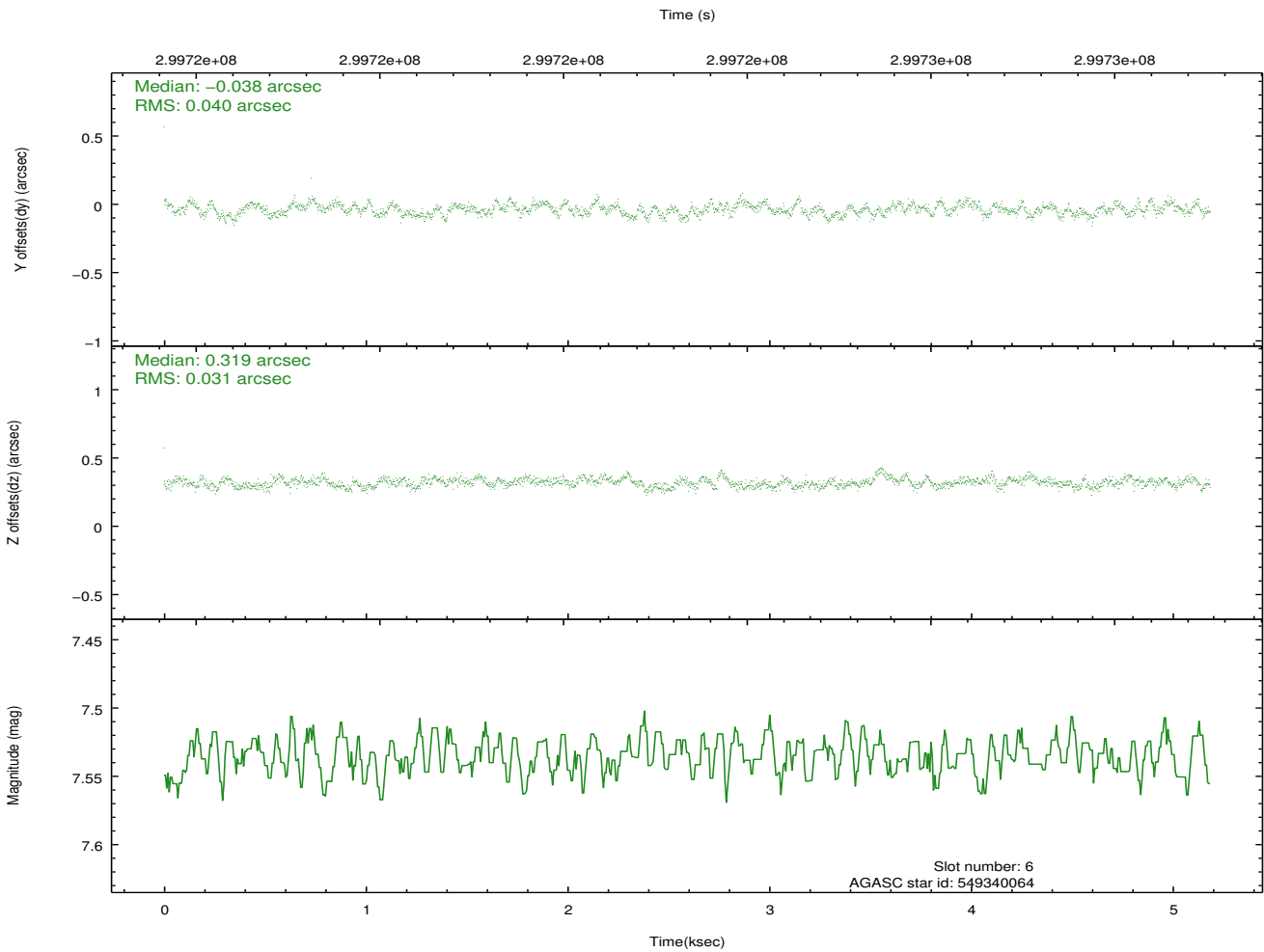
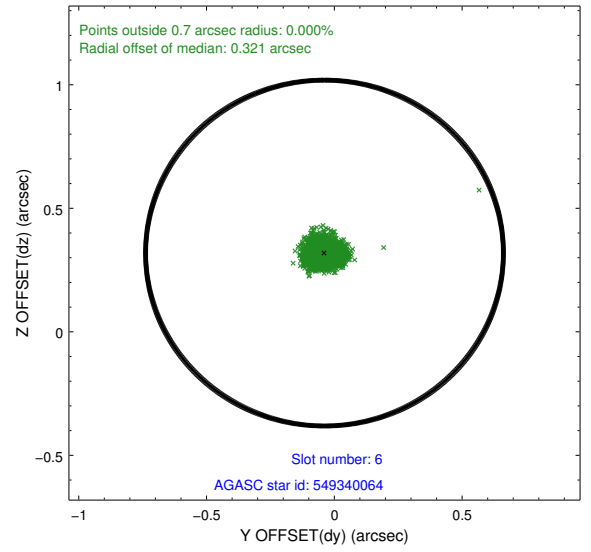
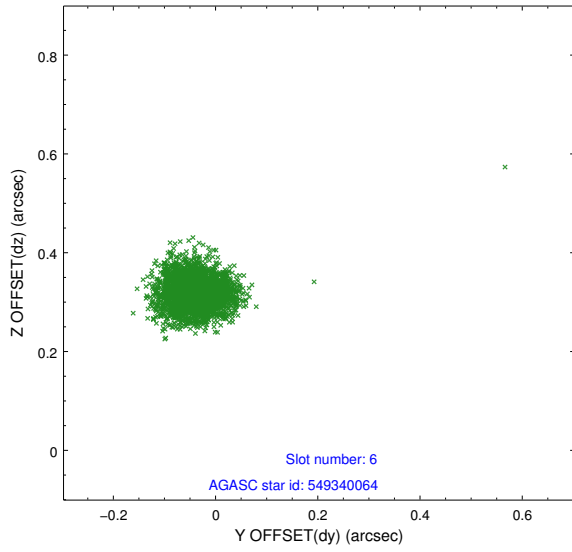
2.4.2 Slot 4



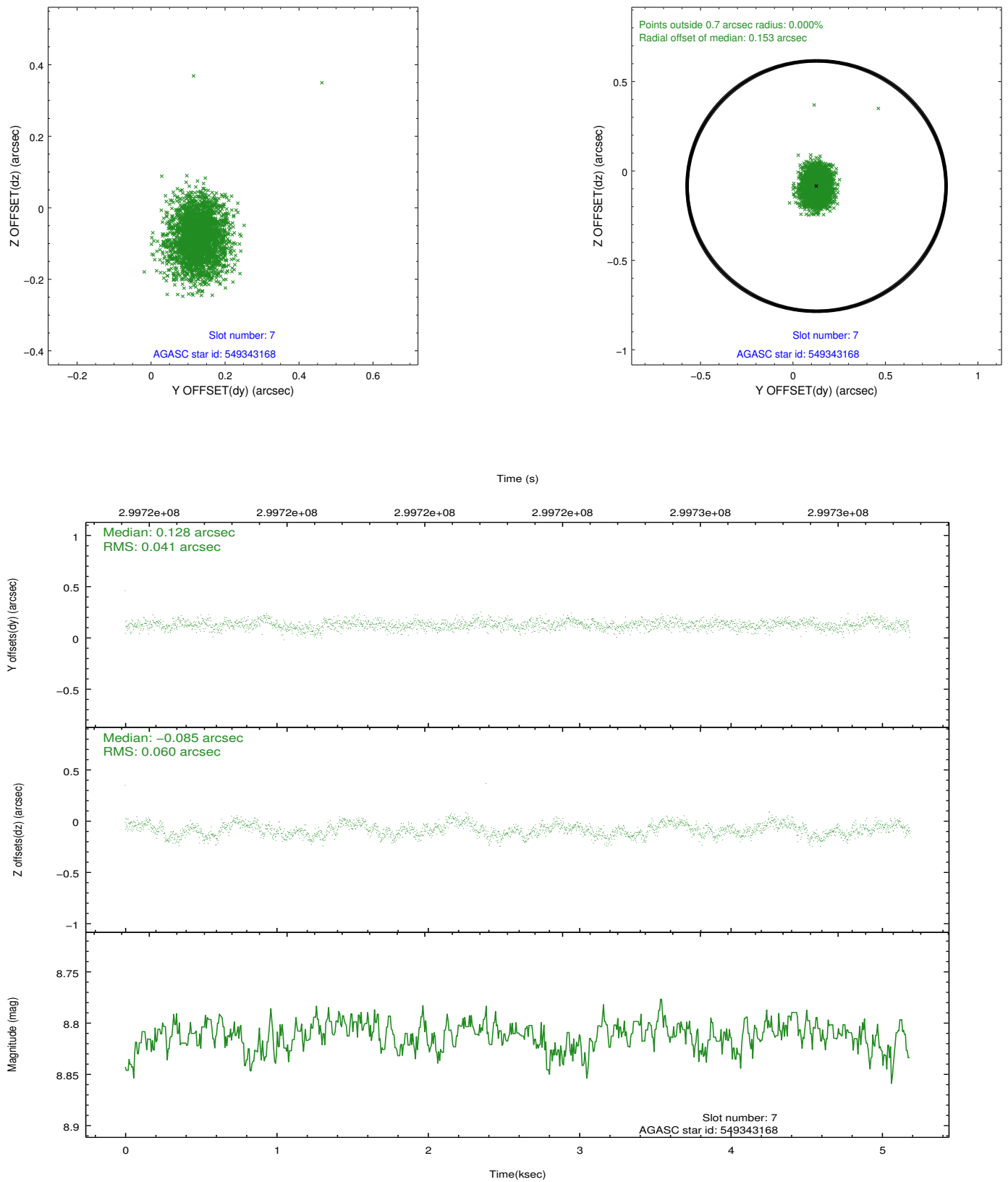
2.4.3 Slot 5



2.4.4 Slot 6

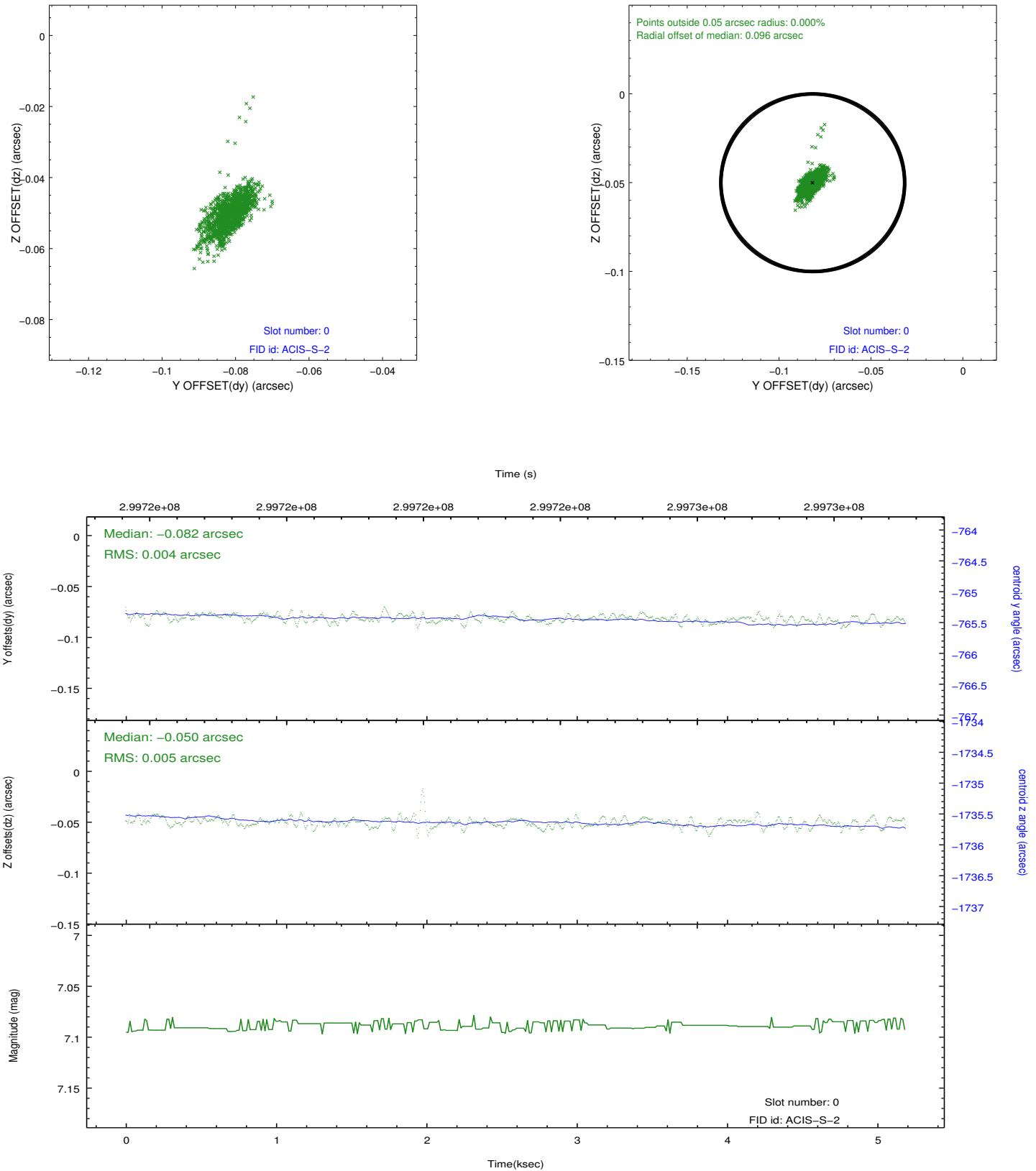


2.4.5 Slot 7

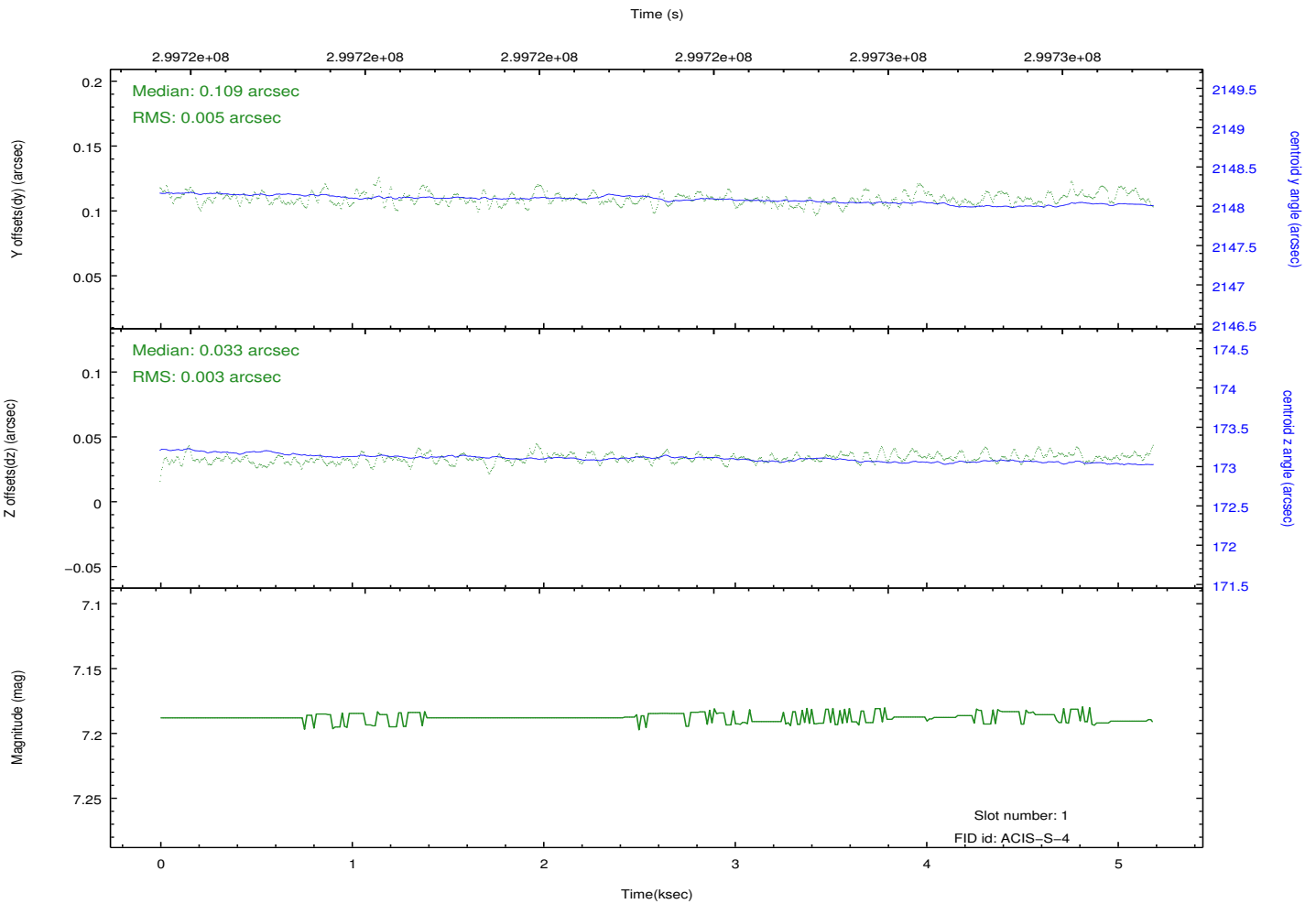
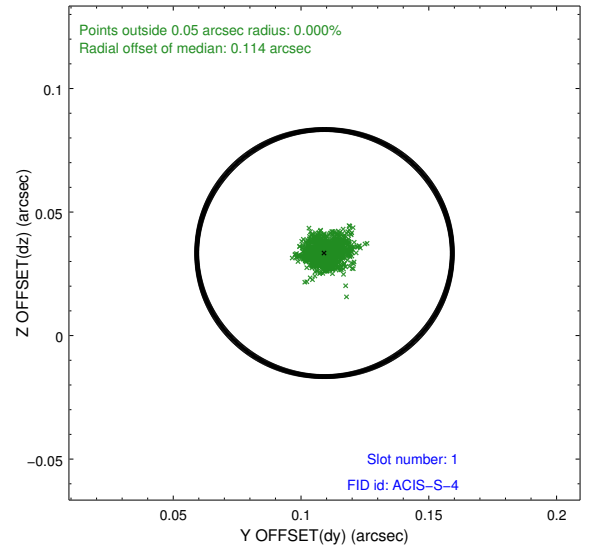
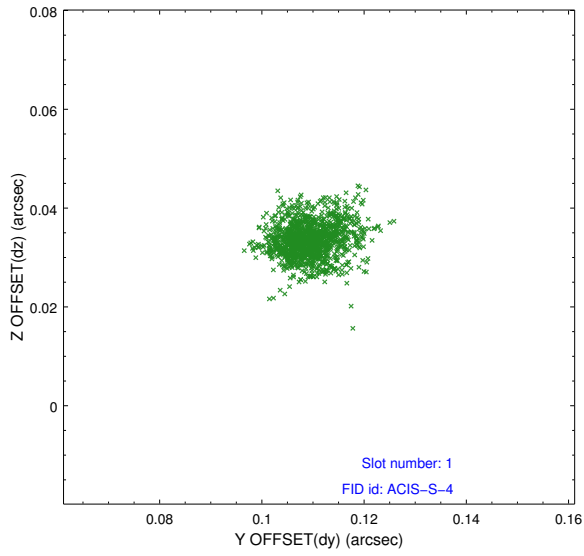


2.5 FID Slots

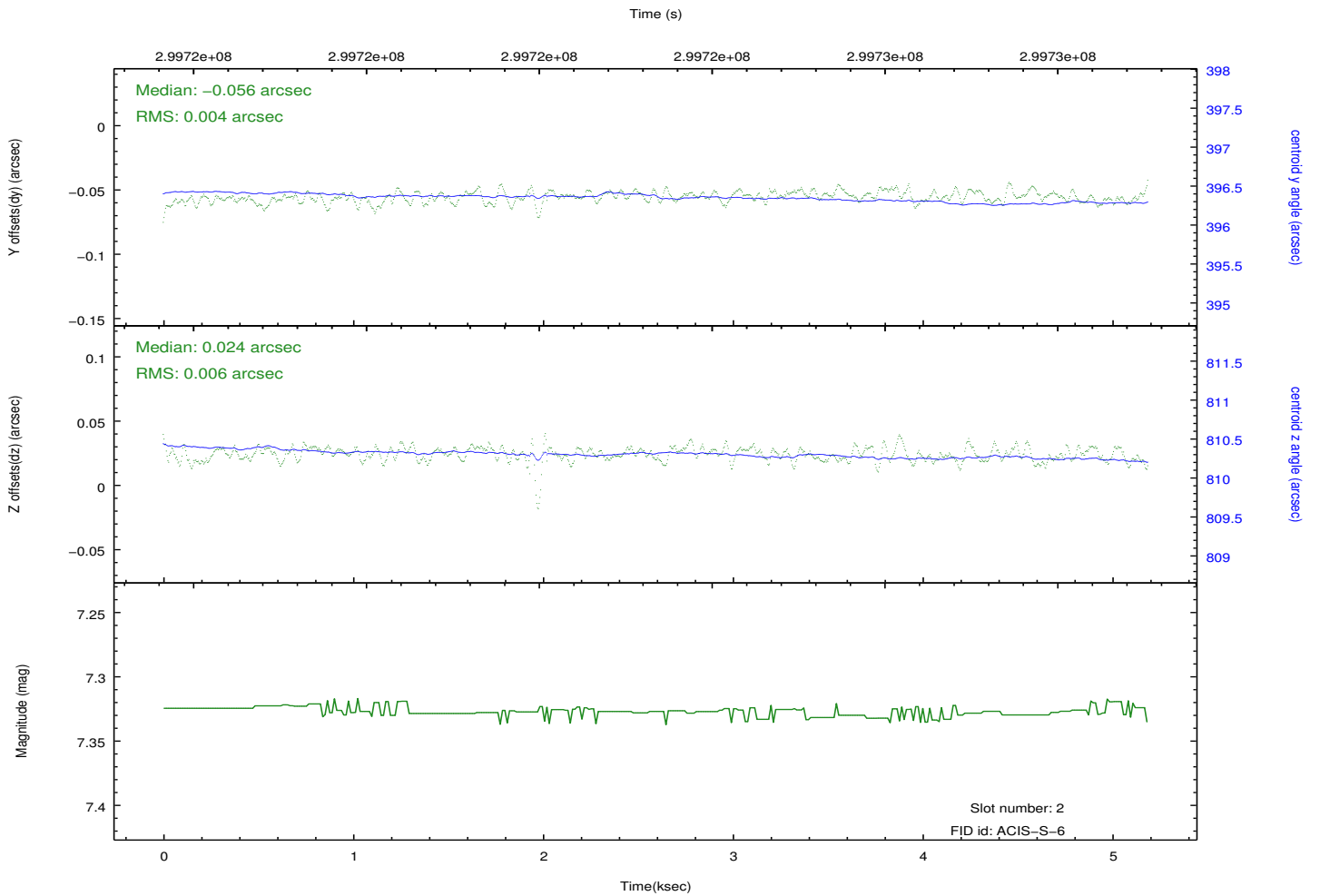
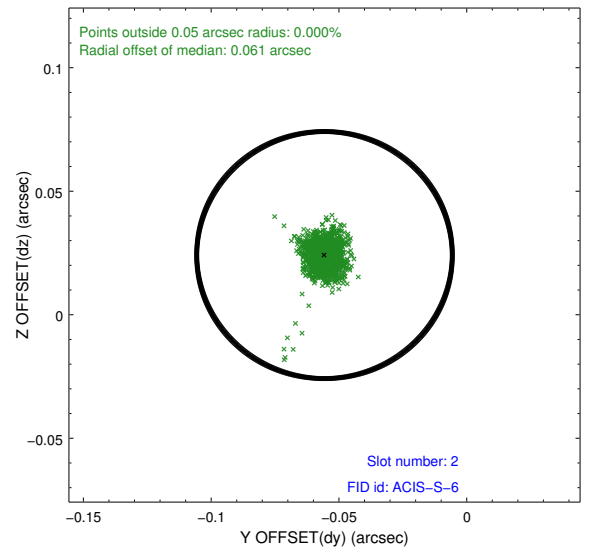
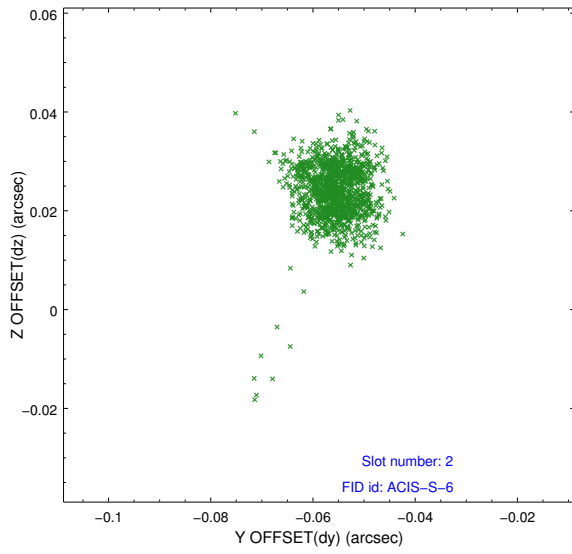
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18559969

A.2 Comments