

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8570 - L2 Version 2
Chandra X-Ray Center

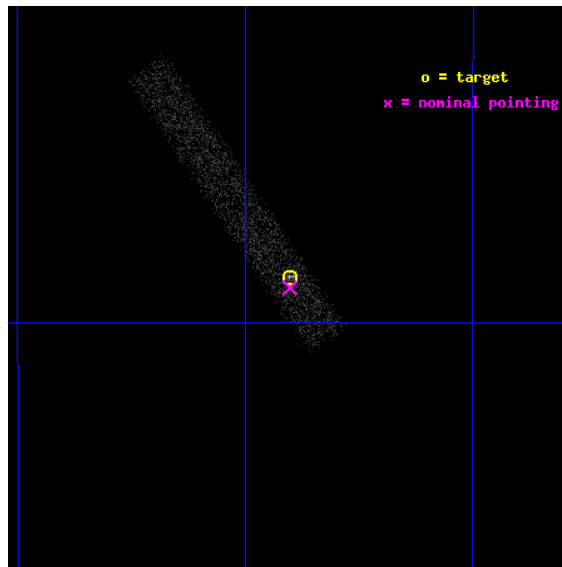
L2 Processing Date : May 18 2012

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1 Front

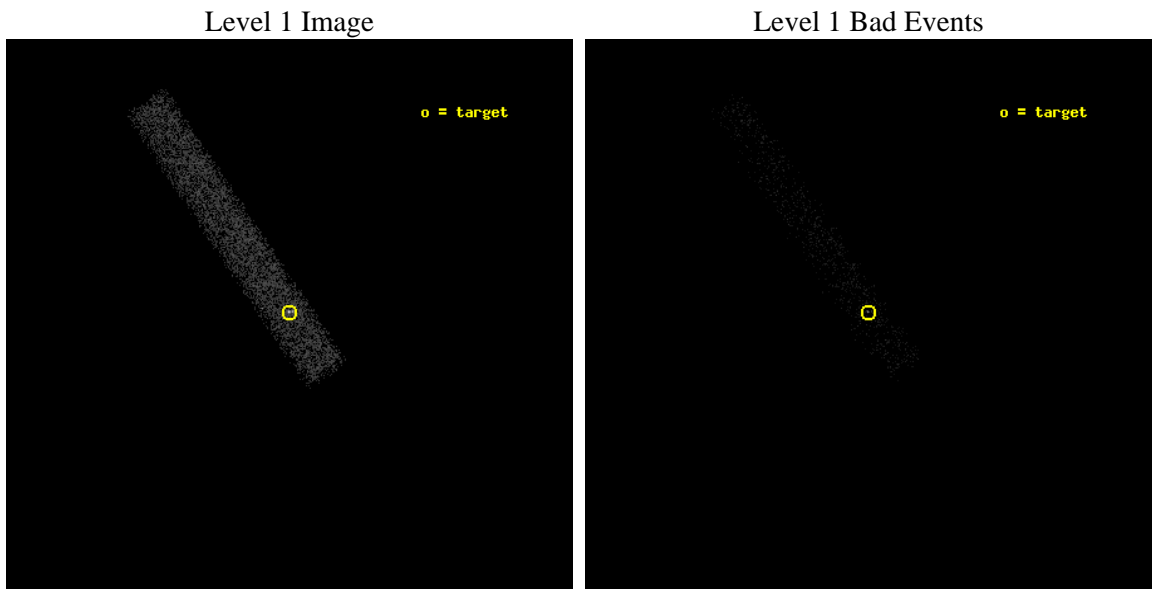
seq_num	200464	Sequence number
obs_id	8570	Observation id
title	Evaluating the Role of Photoevaporation in Protoplanetary Disk Dispersal	Proposal title
observer	Dr. Gregory Herczeg	Principal investigator
object	TWA-9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	177.100833	Observer's specified target RA [deg]
dec_targ	-37.480333	Observer's specified target Dec [deg]
ra_nom	177.10060104787	Nominal RA [deg]
dec_nom	-37.485174691627	Nominal Dec [deg]
roll_nom	235.98282883543	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5031.5997000933	Sum of GTIs [s]
livetime	4563.3953383759	Livetime [s]
ontime7	5031.5997000933	Sum of GTIs [s]
l2events	6498	Number of level 2 events



2 OBI

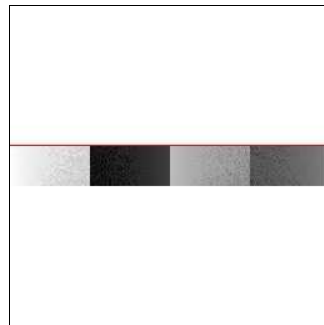
2.1 OBI

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	5031.5997000933	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	5031.5997000933	Sum of GTIs [s]
date	2012-05-18T03:28:17	Date and time of file creation	l1events	14768	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

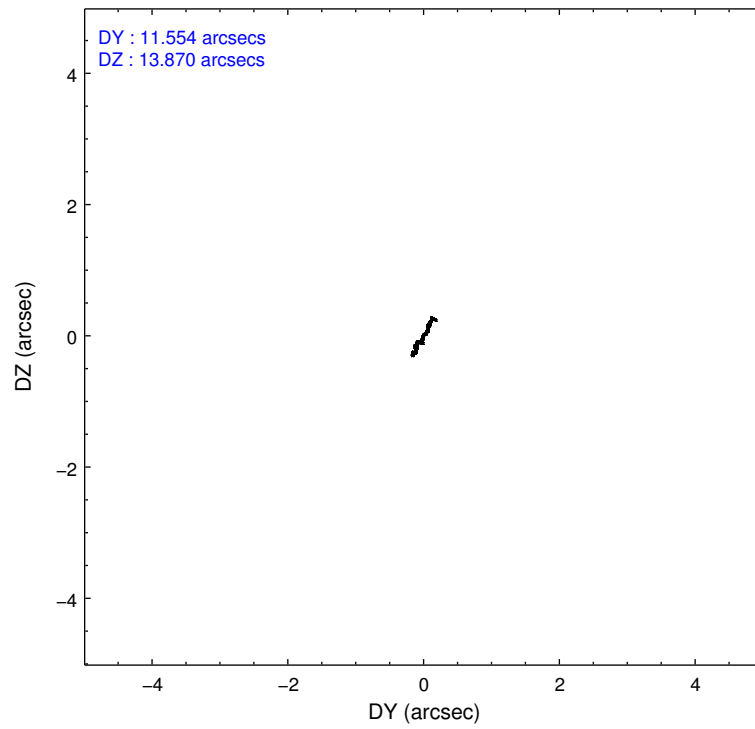
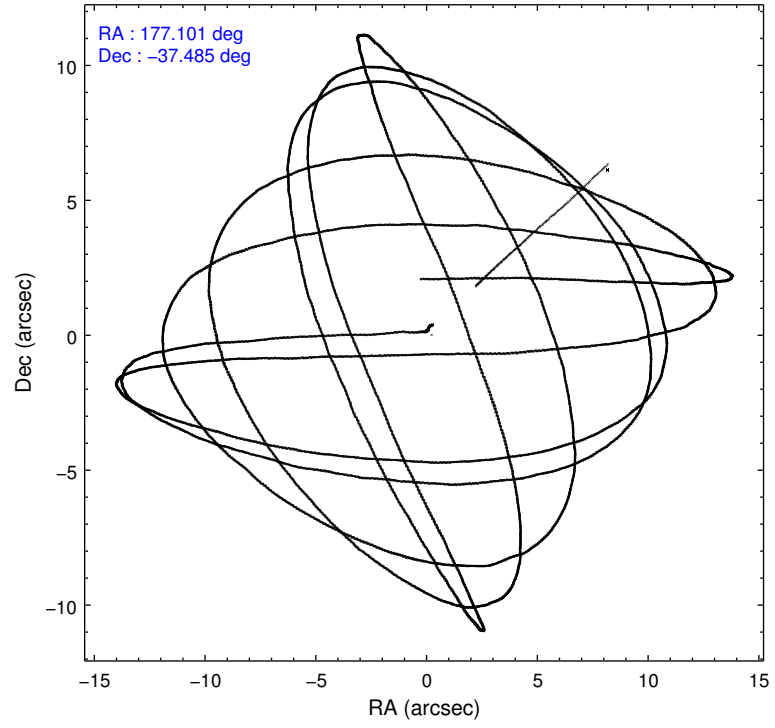
	ccd 7
level 1 events	14768
rejected events	8125
rejected %	55%

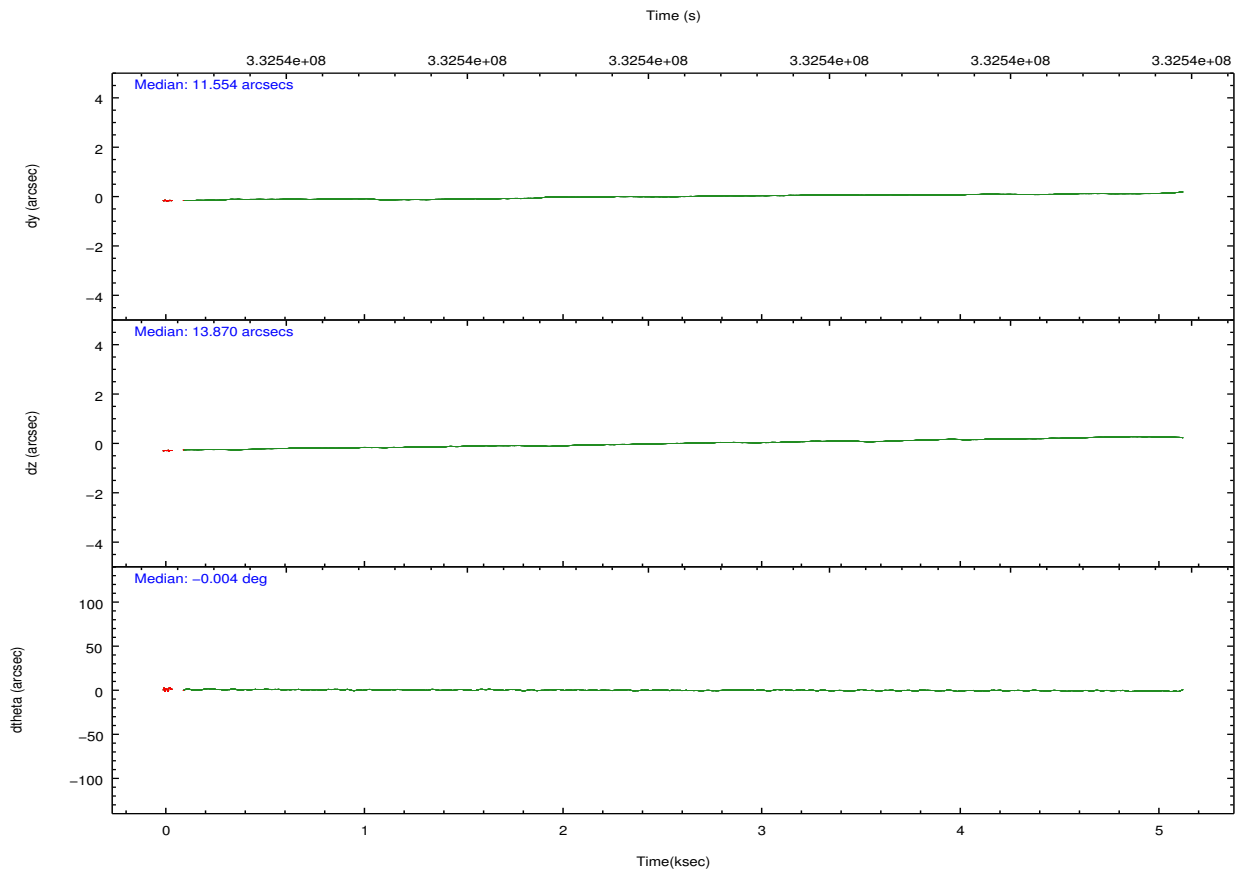
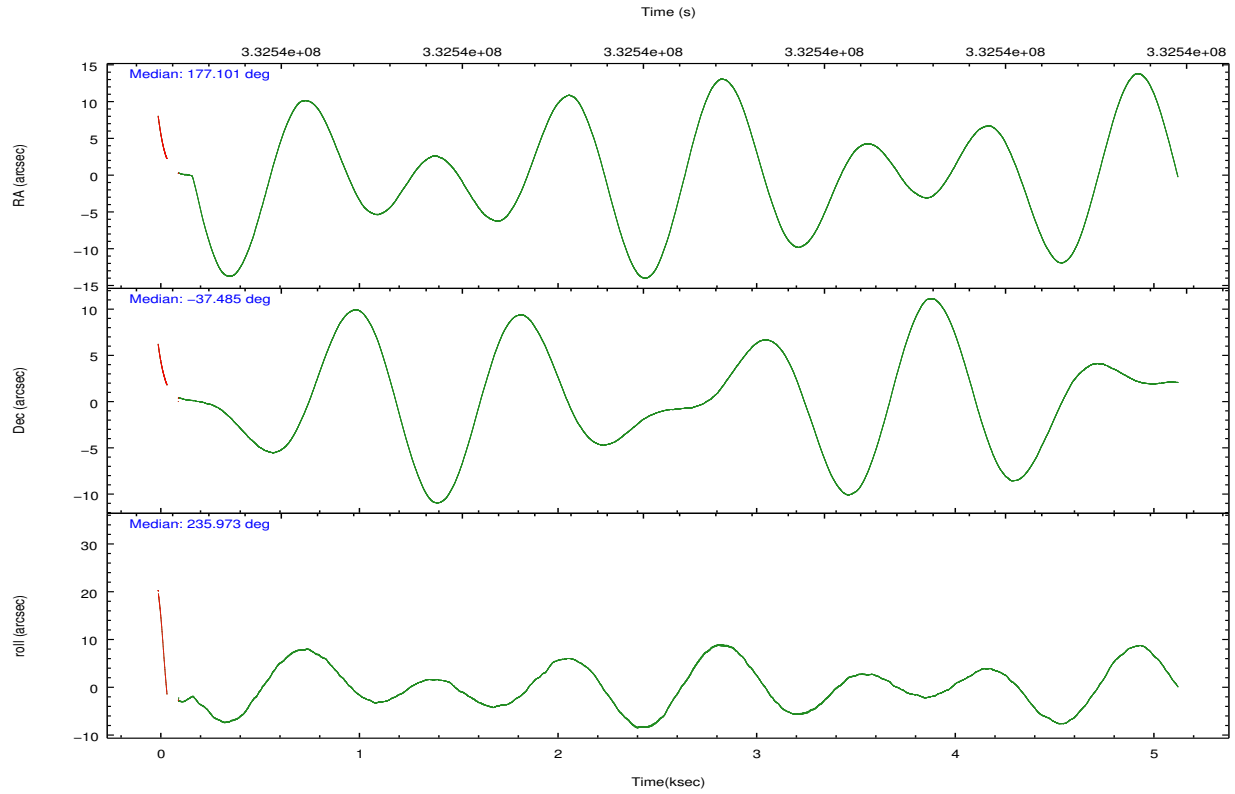
	ccd 7
grade 0 events	1492
	10%
grade 1 events	29
	0%
grade 2 events	1790
	12%
grade 3 events	981
	6%
grade 4 events	901
	6%
grade 5 events	1235
	8%
grade 6 events	3037
	20%
grade 7 events	5303
	35%

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	177.102531	177.1006010478659	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-37.457880	-37.48517469162725	Subarray start row	449	449
[deg] Pointing Roll	235.827359	235.9828288354271	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)	332536697.184000	332534923.86813			
Observation start date	2008-07-15T19:17:12	2008-07-15T18:48:43			
[s] Observation end time (MET)	332541697.184000	332542532.956			
Observation end date	2008-07-15T20:40:32	2008-07-15T20:55:32			
Read mode	TIMED	TIMED			

2.3 Aspect



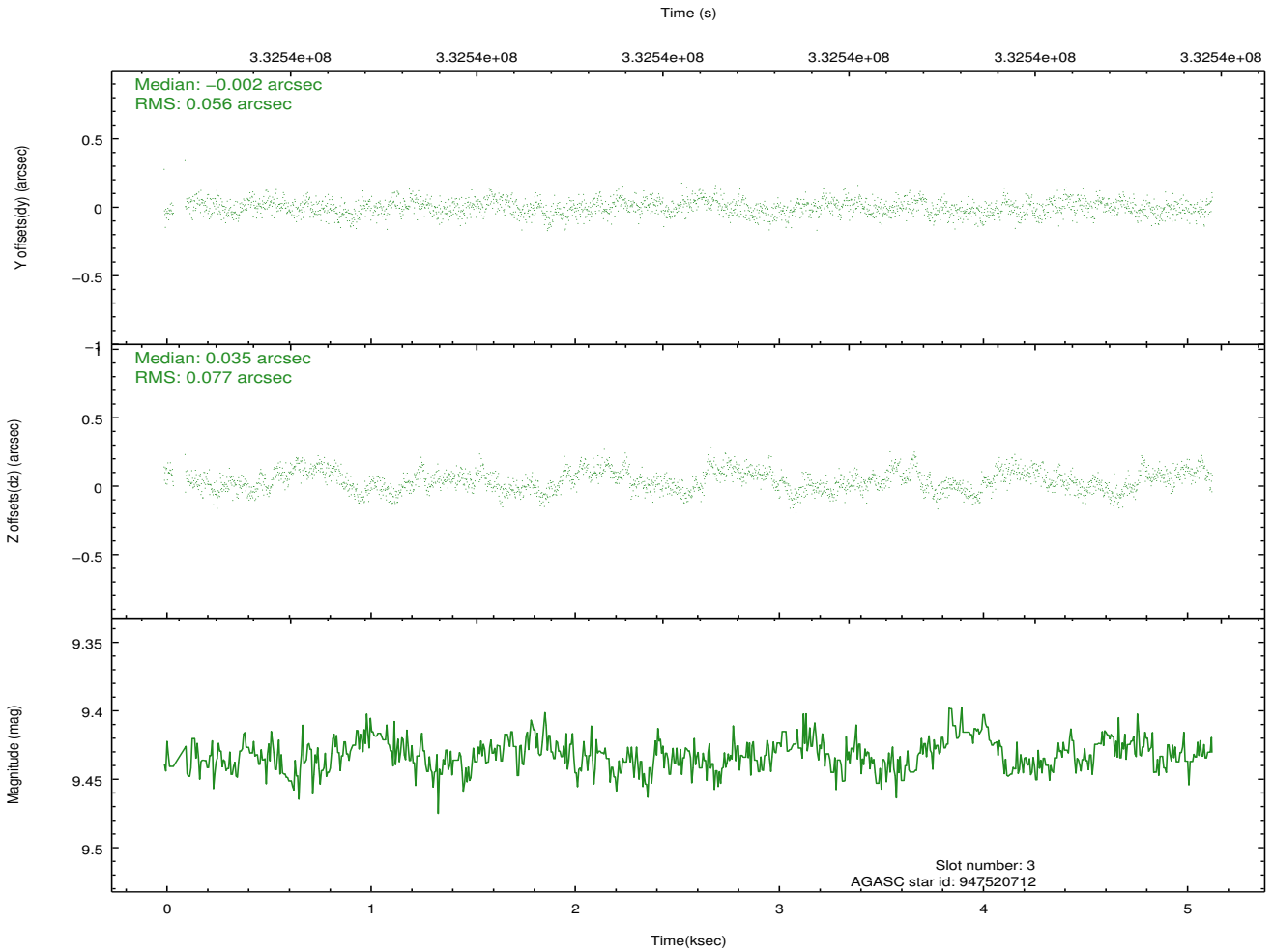
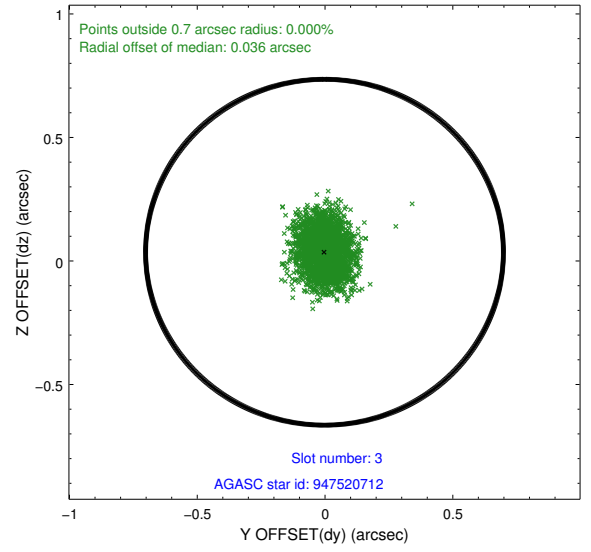
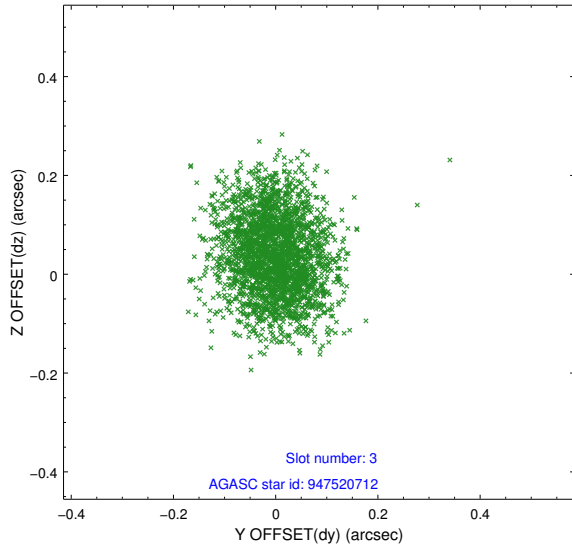


Slot Statistics

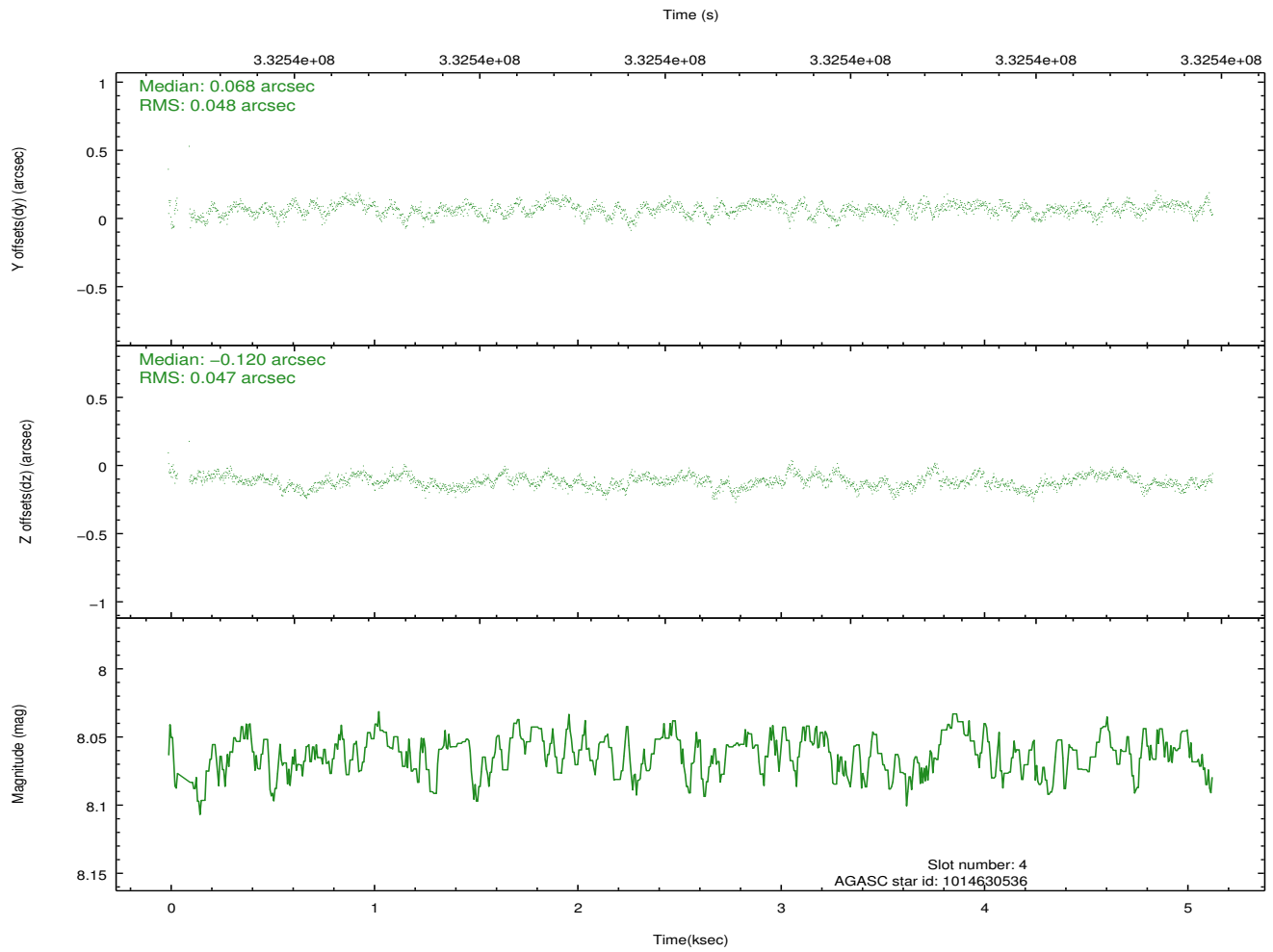
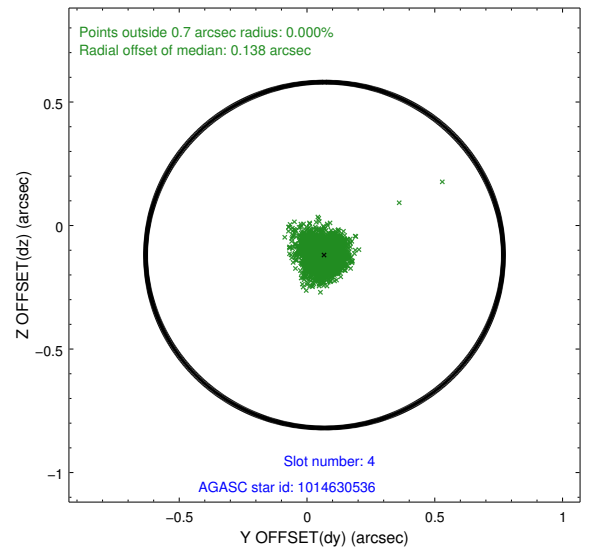
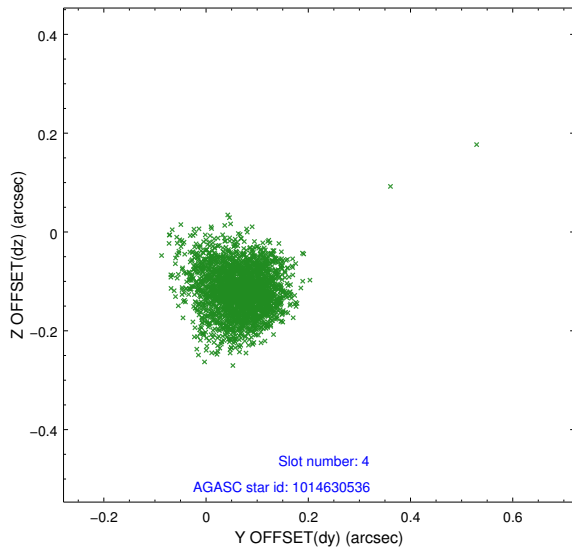
	status	id	mag	n_pts	med_dy	med_dz	dr1
	FID	ACIS-S-2	6.91	1239	-0.056	-0.018	0.008
	FID	ACIS-S-4	7.00	1239	0.077	0.030	0.007
	FID	ACIS-S-6	7.13	1239	-0.048	-0.005	0.008
	GUIDE	947520712	9.43	2479	-0.002	0.035	0.103
	GUIDE	1014630536	8.06	2478	0.068	-0.120	0.070
	GUIDE	1014631568	8.49	2475	0.019	-0.002	0.056
	GUIDE	1014769392	7.61	2478	-0.084	0.081	0.058
0.000	0.000	0.000	0.000000	0.000000	0.00	0.00	

2.4 Star Slots

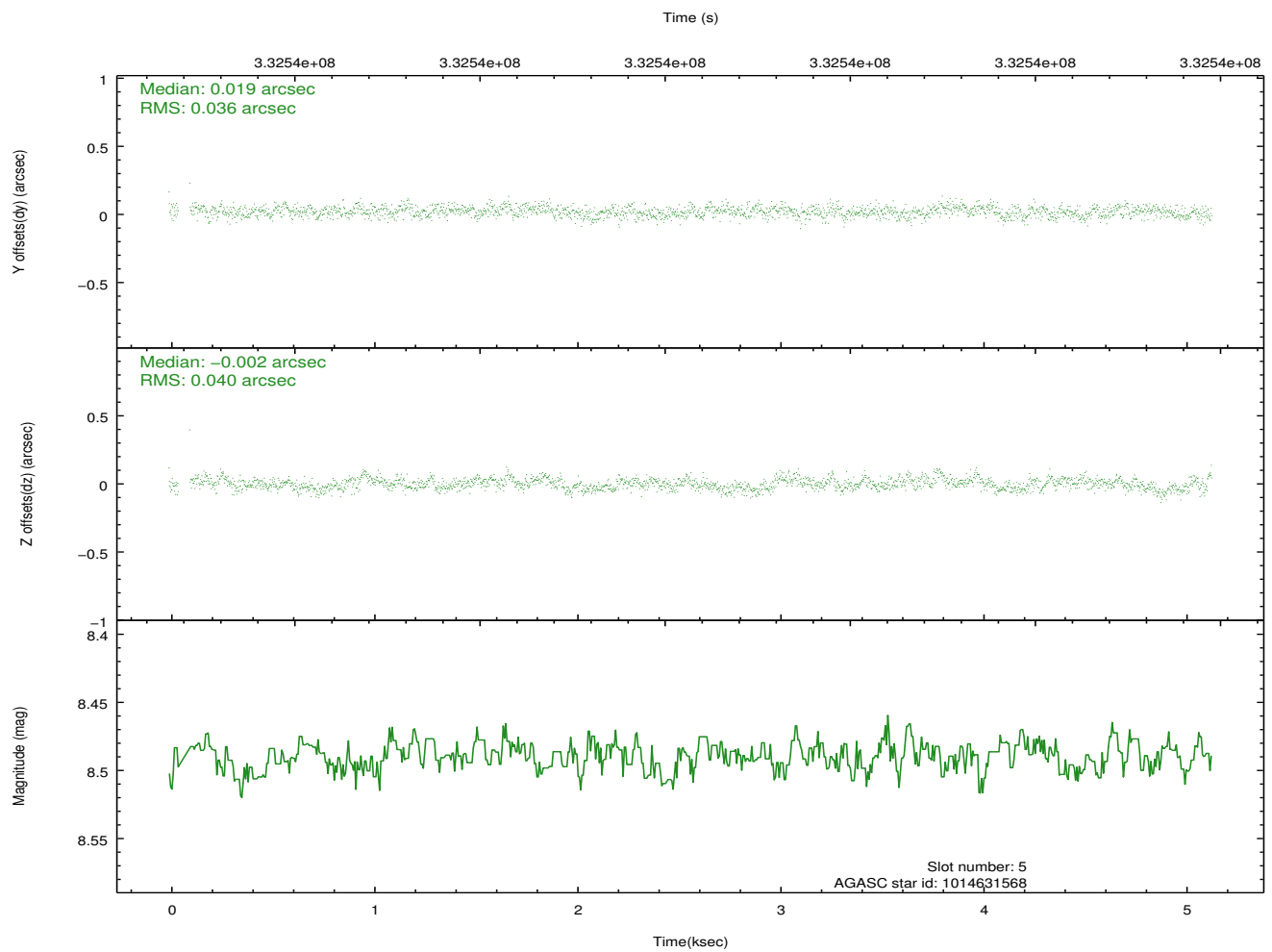
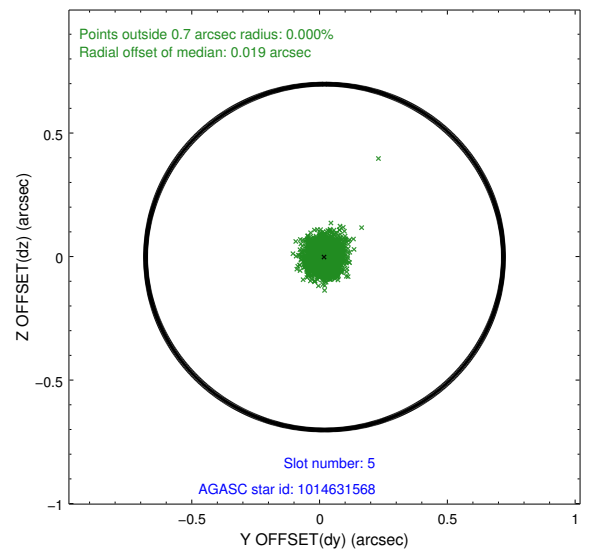
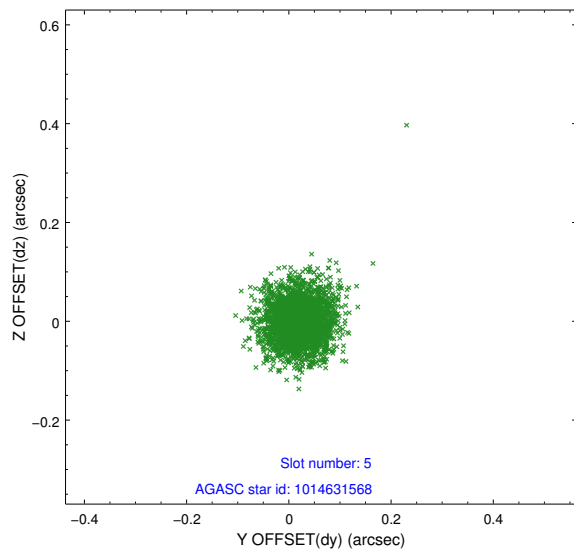
2.4.1 Slot 3



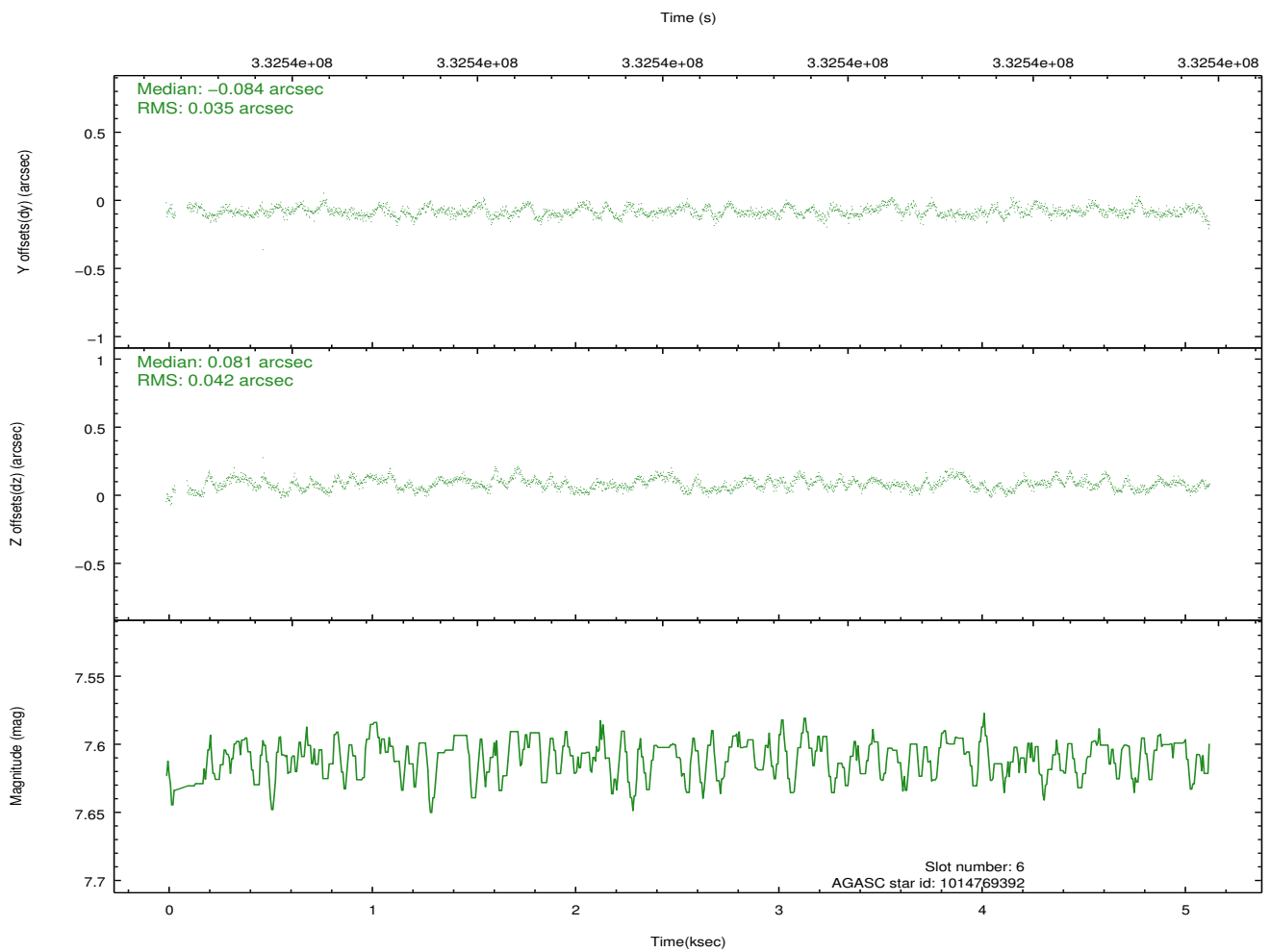
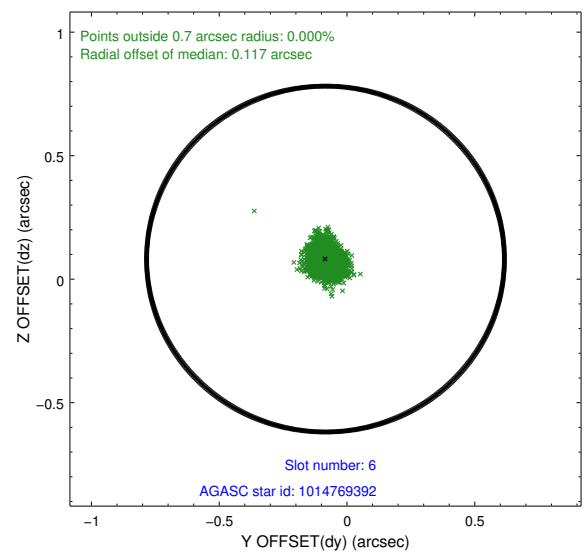
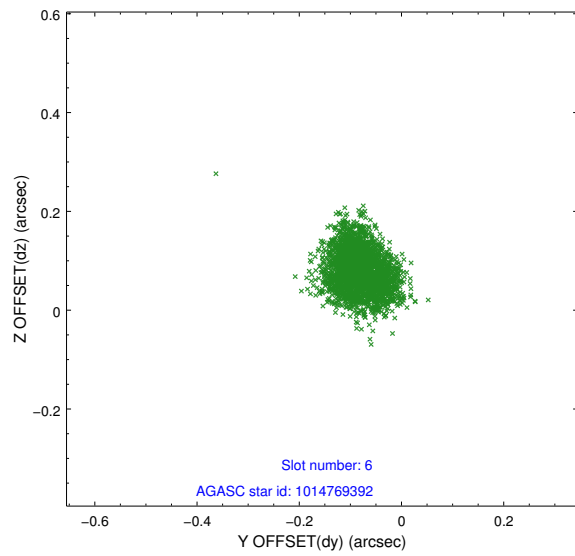
2.4.2 Slot 4



2.4.3 Slot 5

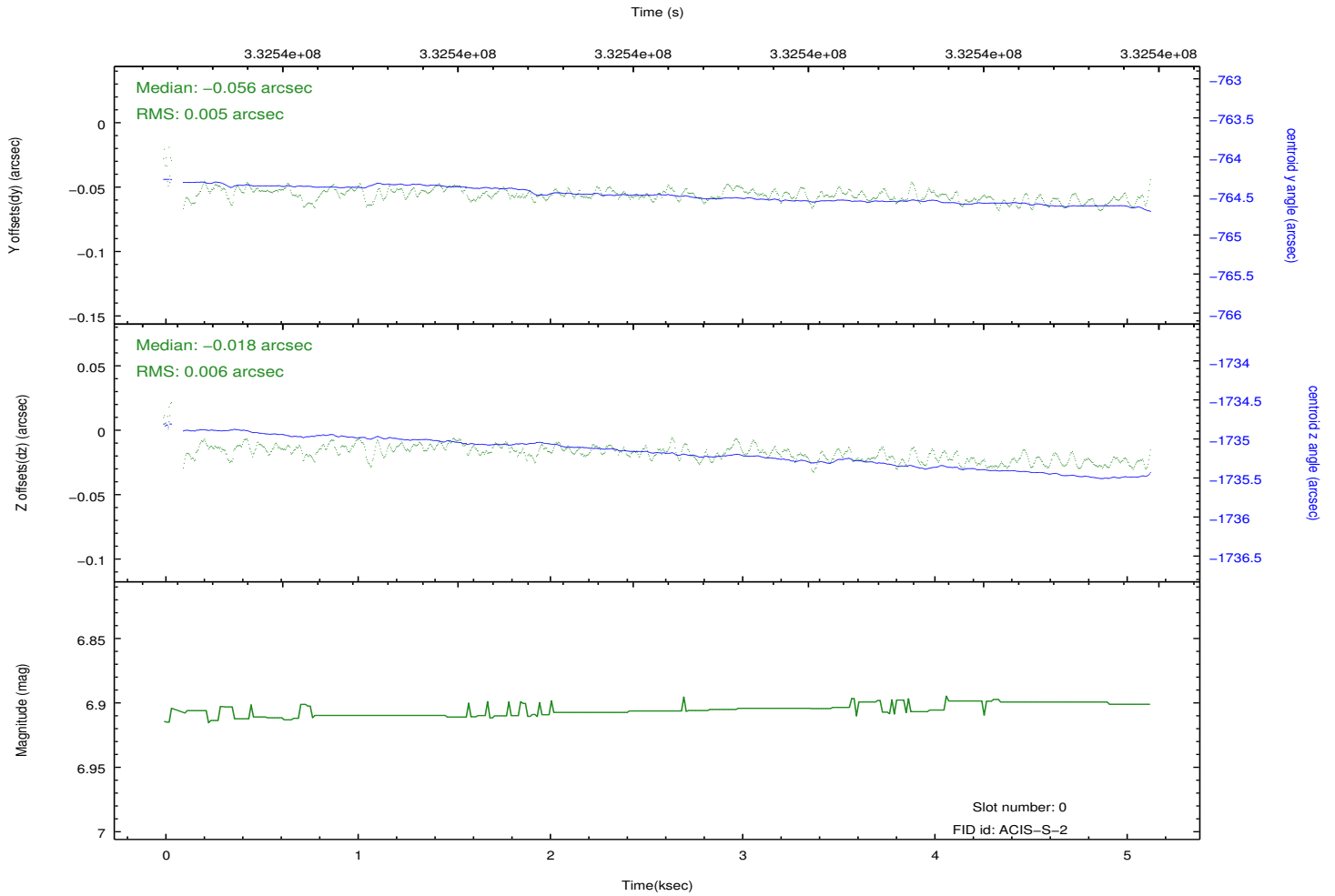
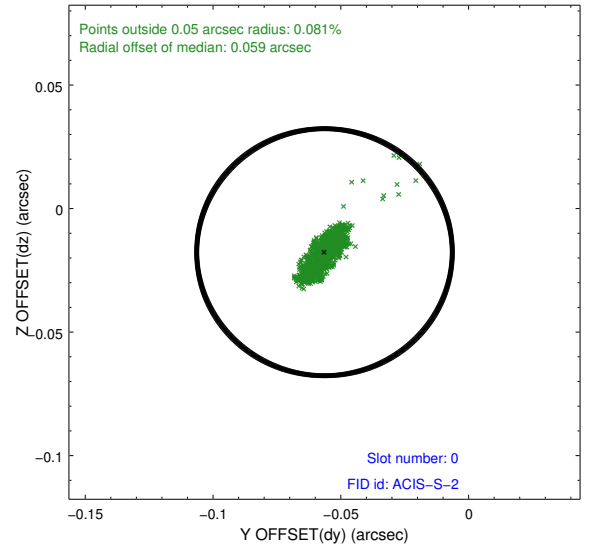
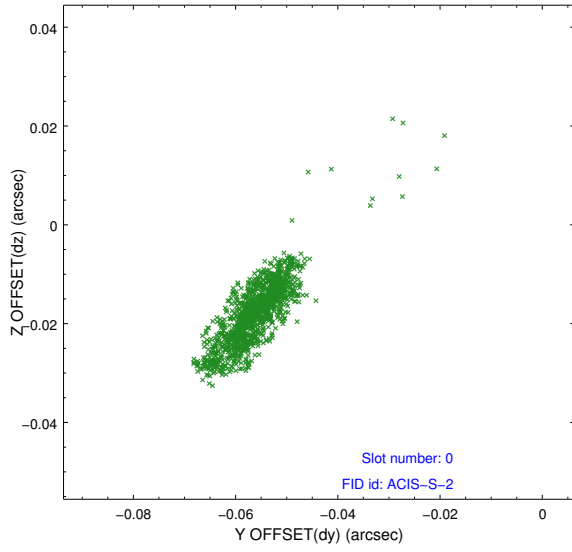


2.4.4 Slot 6

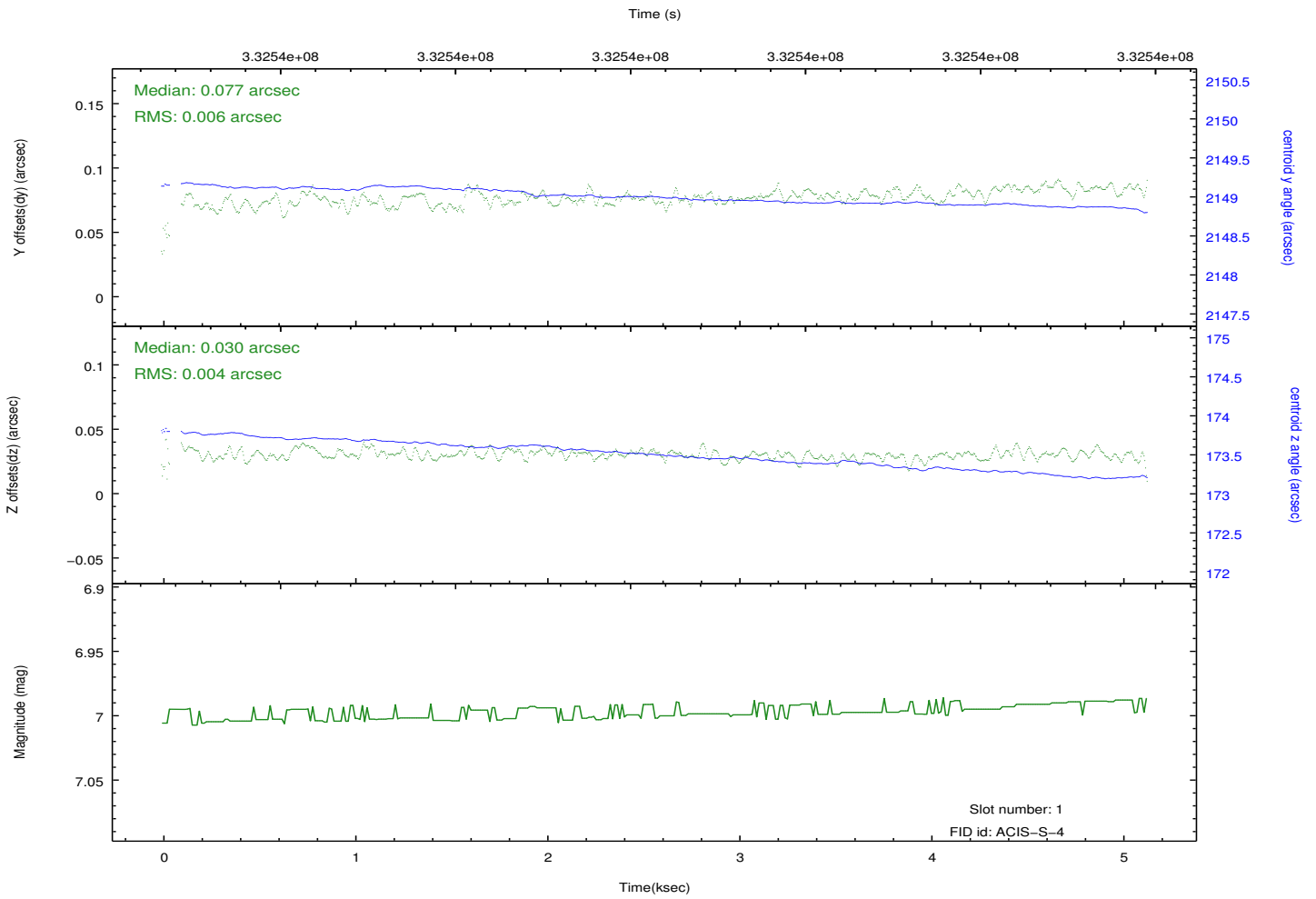
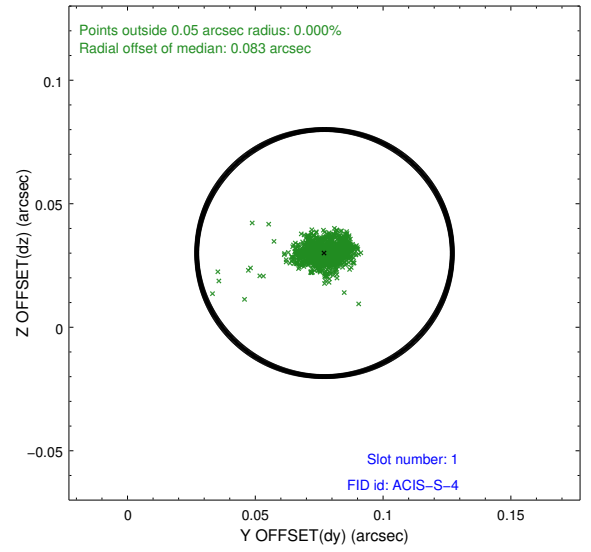
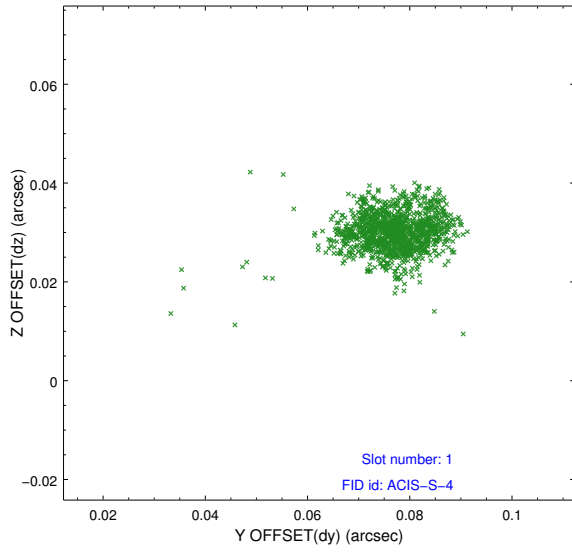


2.5 FID Slots

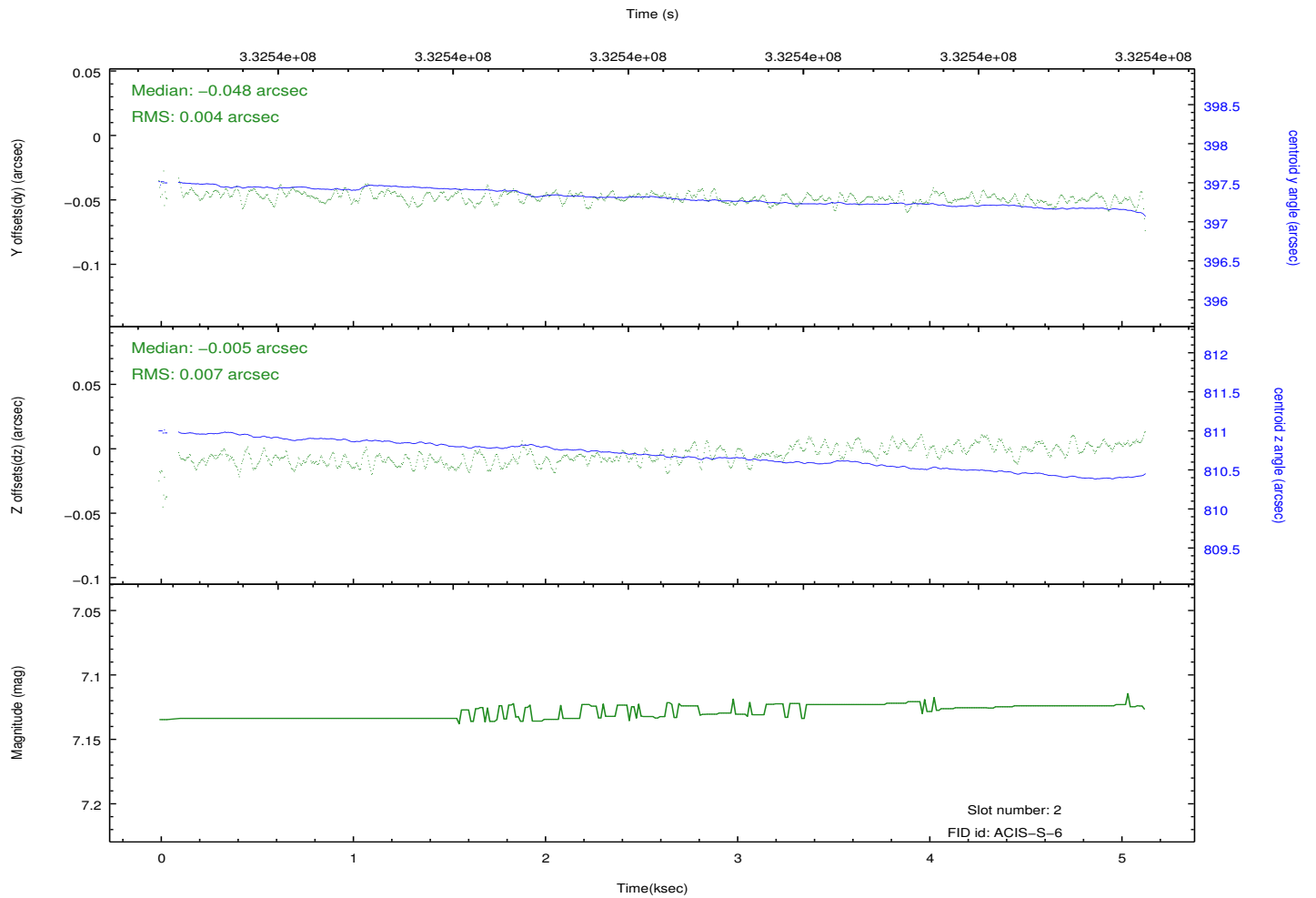
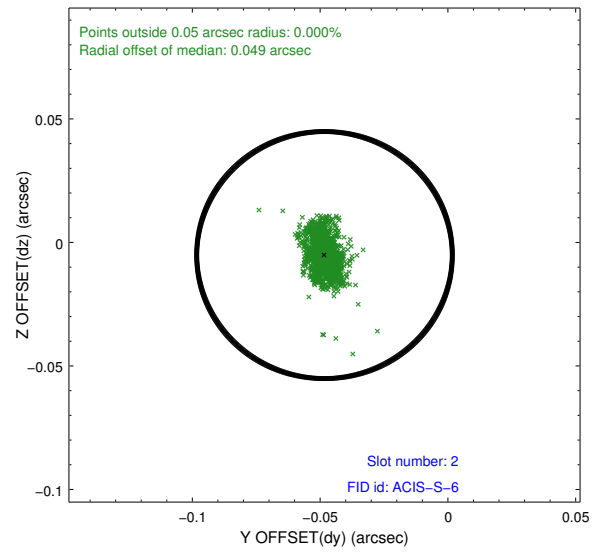
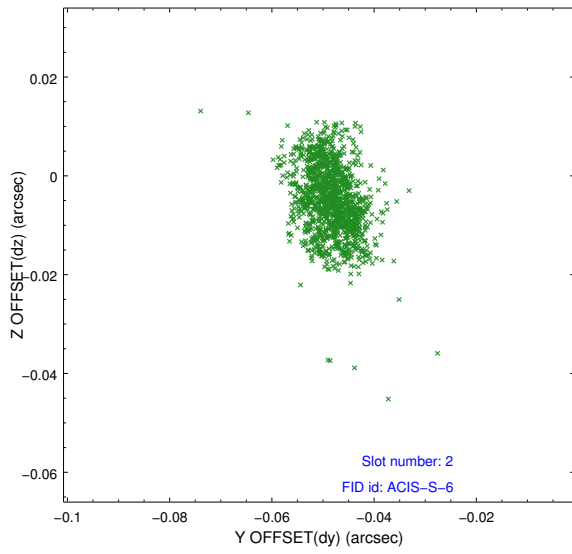
2.5.1 Slot 0



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)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0315997

A.2 Comments

Joint proposal with HST.