

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9837 - L2 Version 2
Chandra X-Ray Center

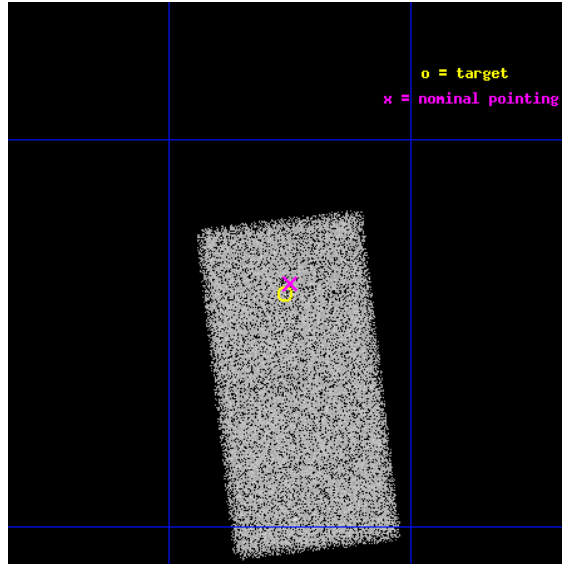
L2 Processing Date : May 11 2012

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1 Front

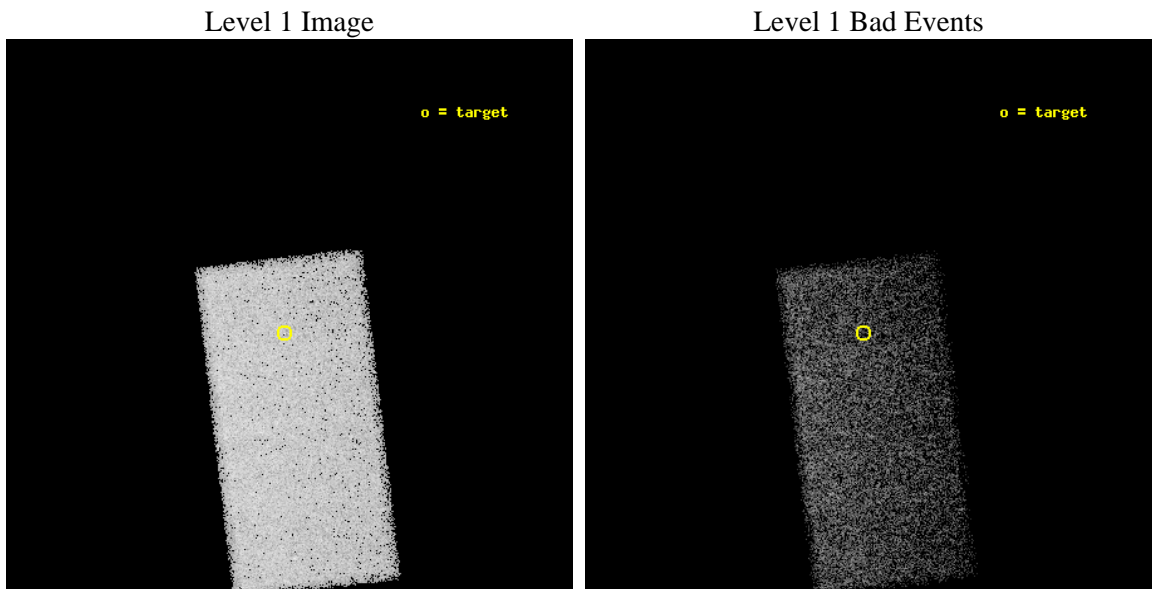
seq_num	400841	Sequence number
obs_id	9837	Observation id
title	Following a black hole candidate X-ray transient to quiescence	Pro
observer	dr Peter Jonker	Principal investigator
object	H 1743-322	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.565	Observer's specified target RA [deg]
dec_targ	-32.2333	Observer's specified target Dec [deg]
ra_nom	266.56259093923	Nominal RA [deg]
dec_nom	-32.228896384939	Nominal Dec [deg]
roll_nom	83.155337397246	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21168.0	Sum of GTIs [s]
livetime	20604.267248092	Livetime [s]
ontime7	21168.0	Sum of GTIs [s]
l2events	60505	Number of level 2 events



2 OBI

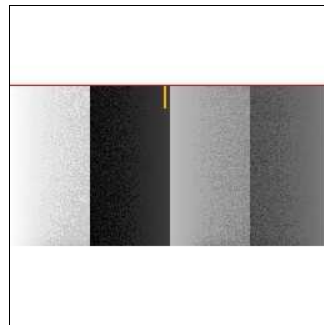
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	21000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	21168.0	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	21168.0	Sum of GTIs [s]
date	2012-05-12T00:50:36	Date and time of file creation	l1events	146297	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

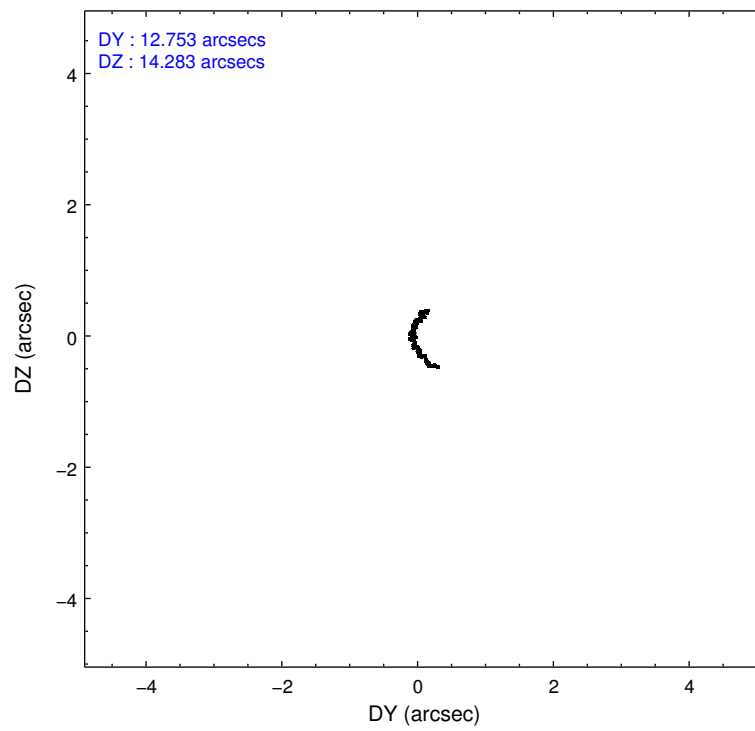
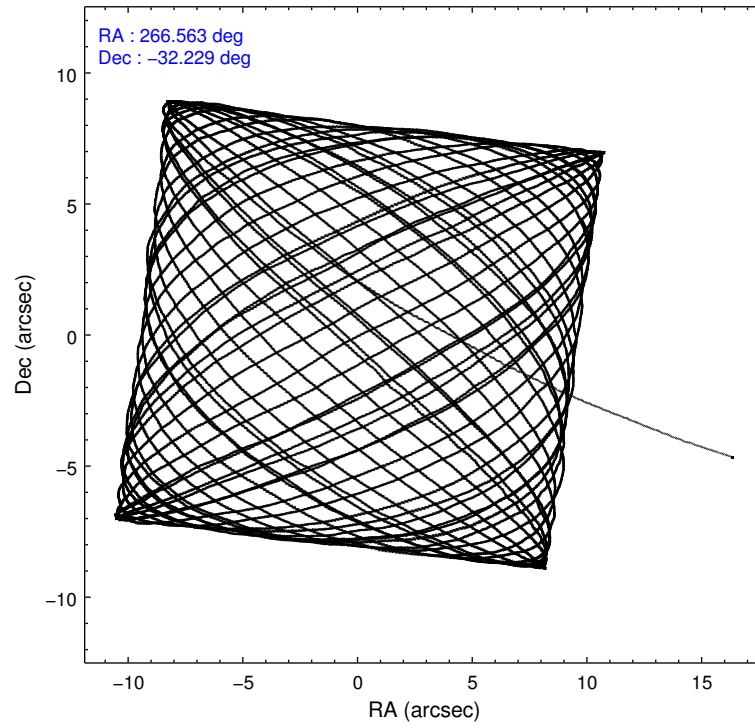
	ccd 7
level 1 events	146297
rejected events	84153
rejected %	57%

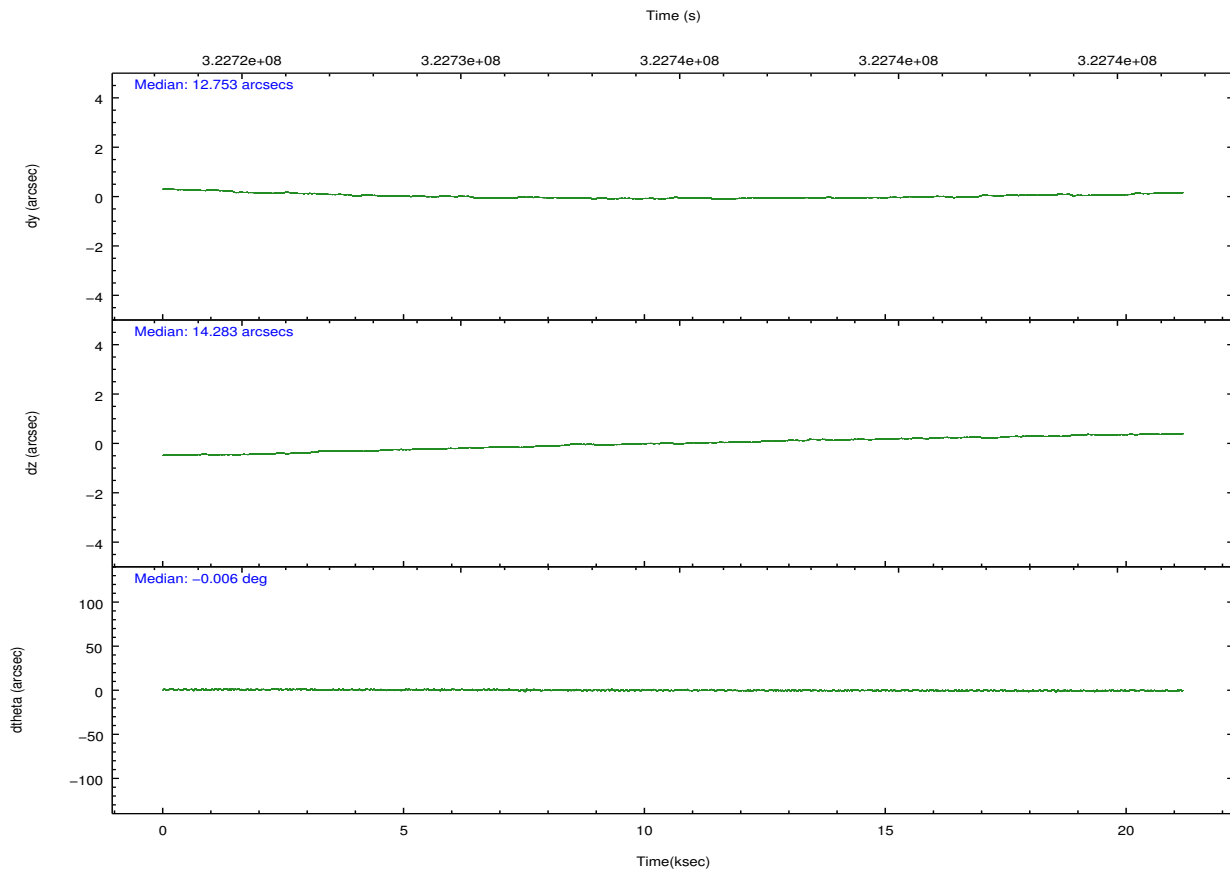
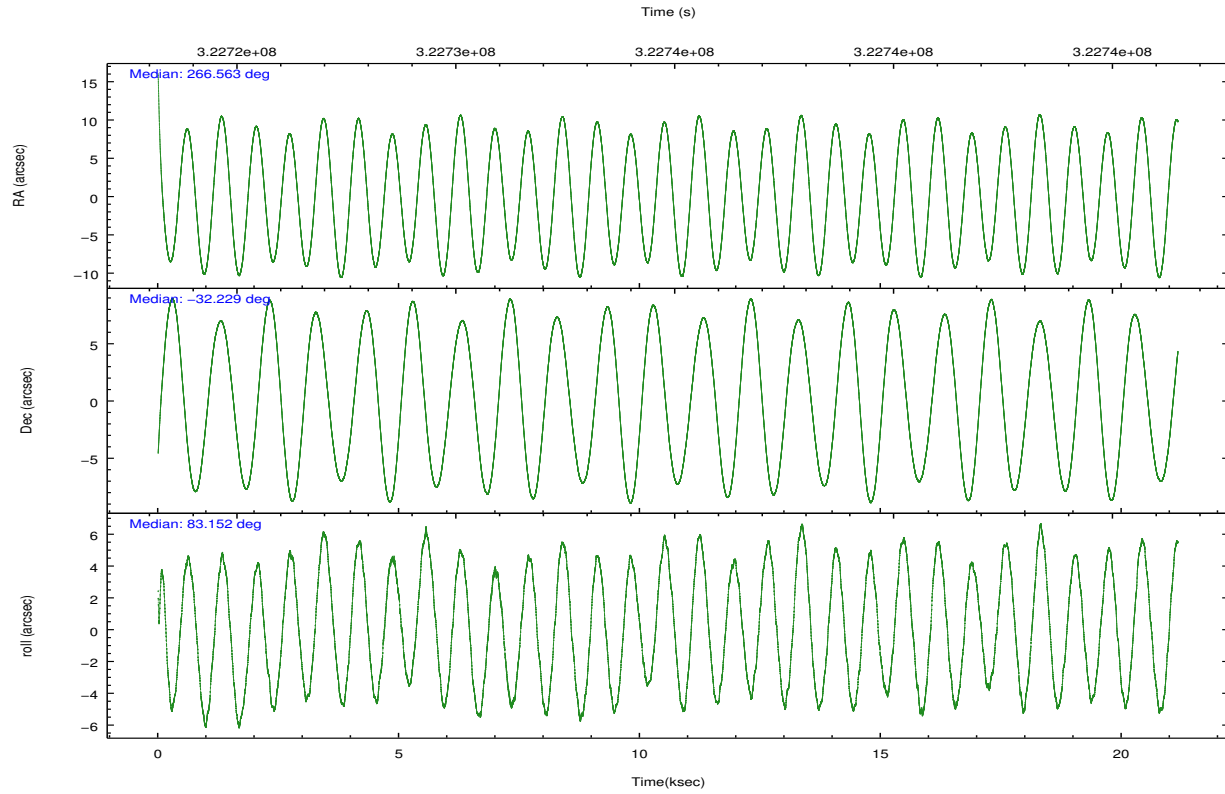
	ccd 7
grade 0 events	6043
	4%
grade 1 events	172
	0%
grade 2 events	12980
	8%
grade 3 events	6175
	4%
grade 4 events	6130
	4%
grade 5 events	14095
	9%
grade 6 events	32471
	22%
grade 7 events	68231
	46%

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	266.575708	266.5625909392296	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-32.253897	-32.22889638493869	Subarray start row	257	257
[deg] Pointing Roll	83.005718	83.15533739724636	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	322724436.184000	322723508.07686			
Observation start date	2008-03-24T05:39:31	2008-03-24T05:25:08			
[s] Observation end time (MET)	322745436.184000	322746565.45298			
Observation end date	2008-03-24T11:29:31	2008-03-24T11:49:25			
Read mode	TIMED	TIMED			

2.3 Aspect



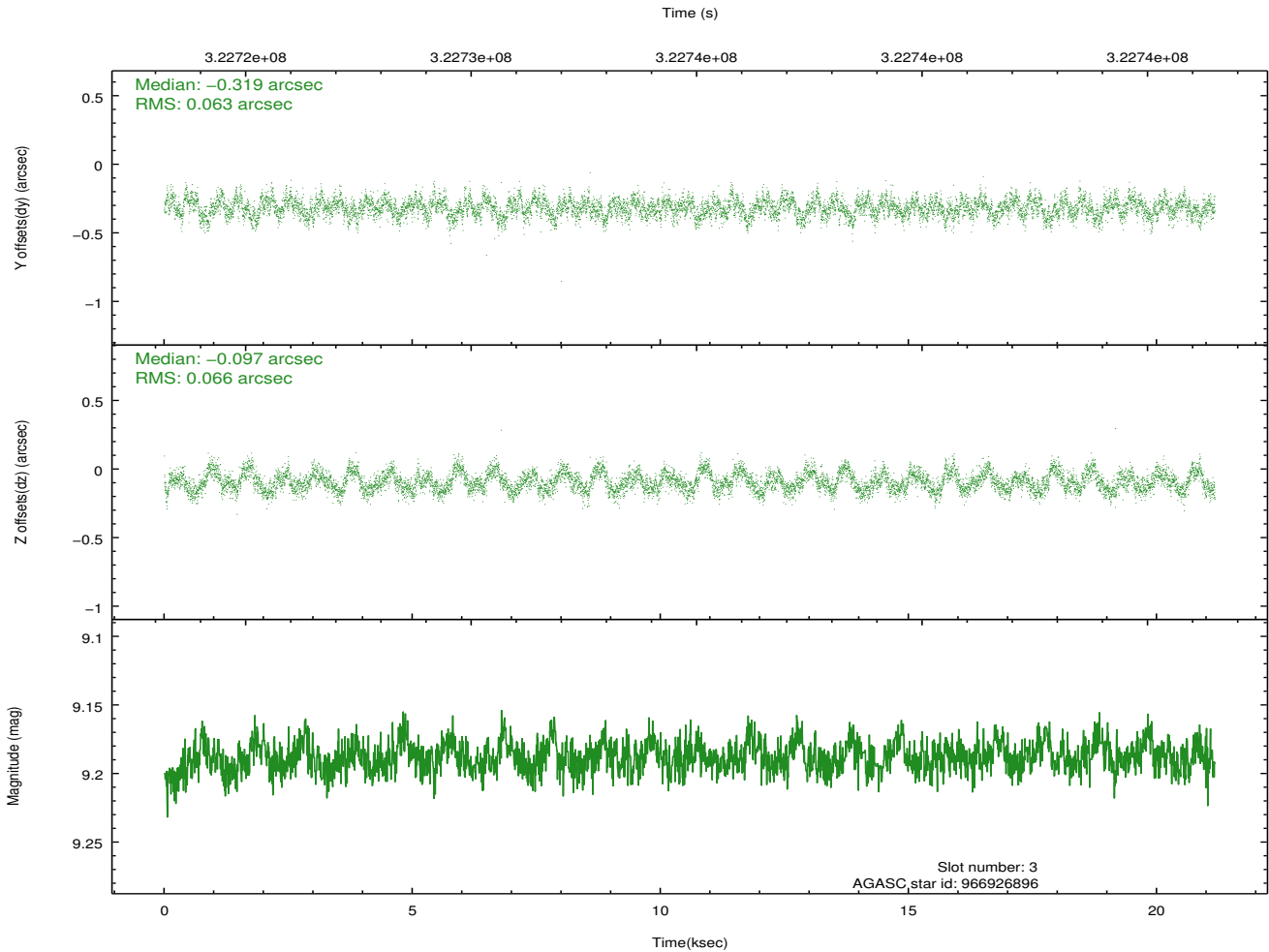
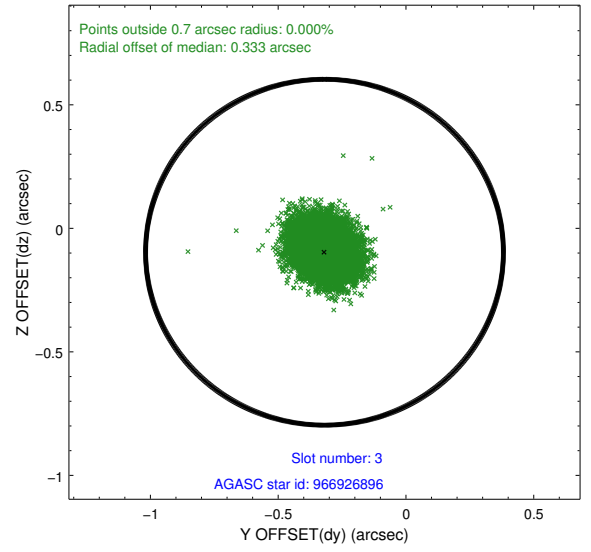
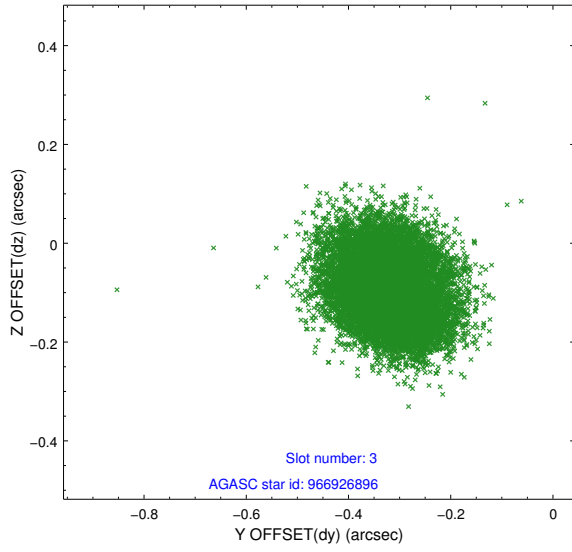


Slot Statistics

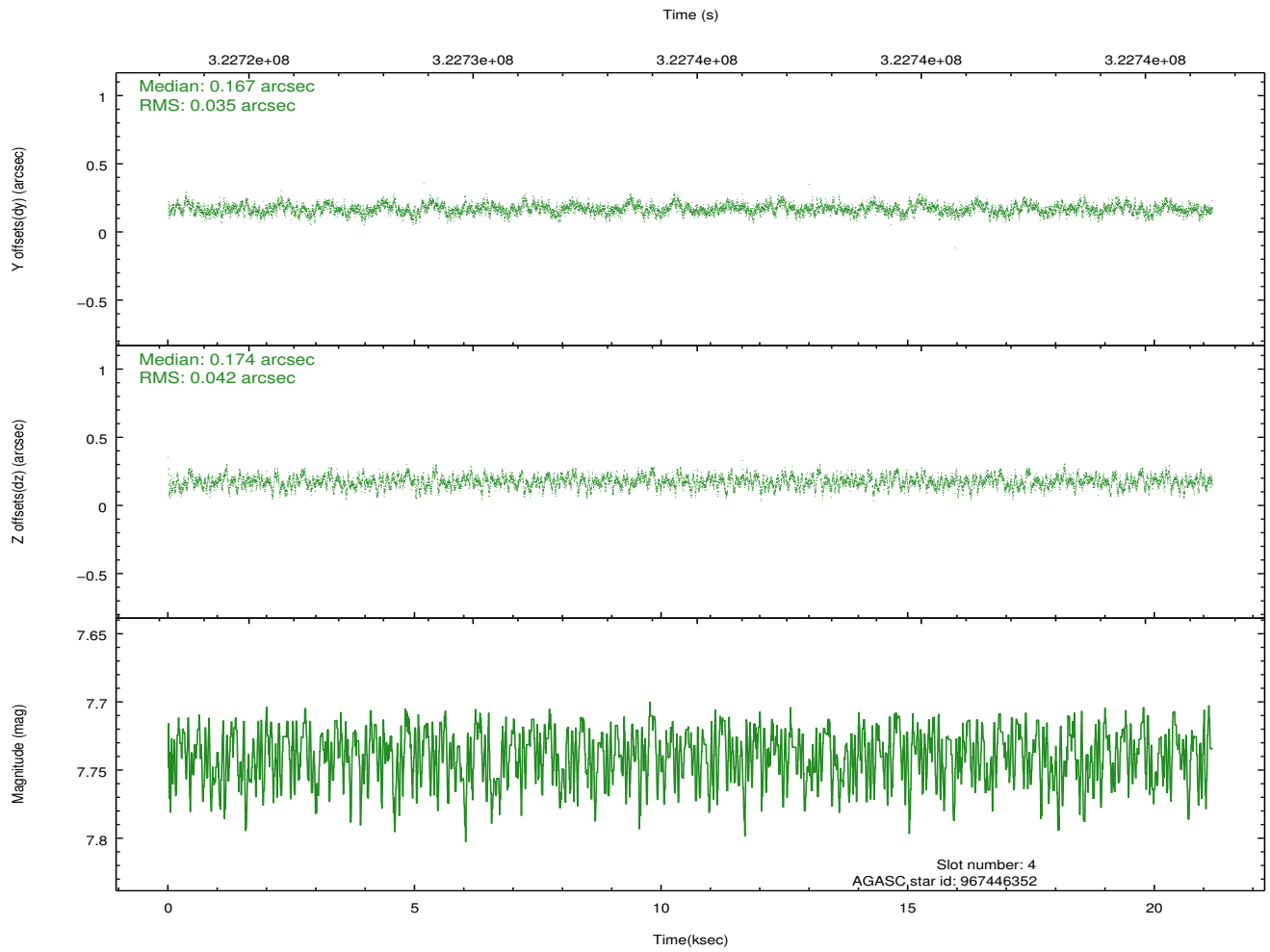
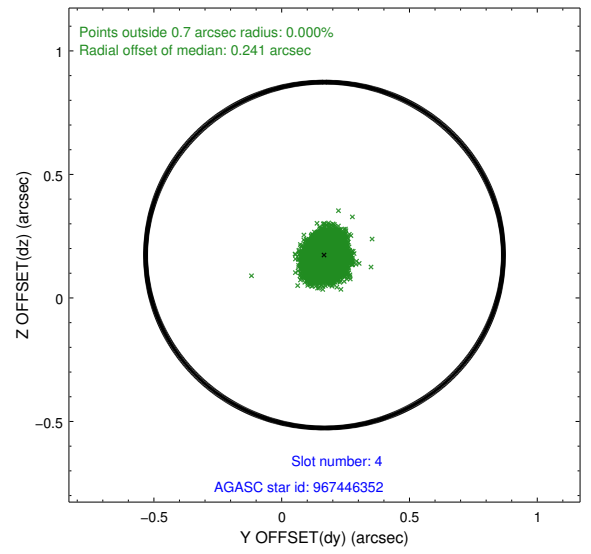
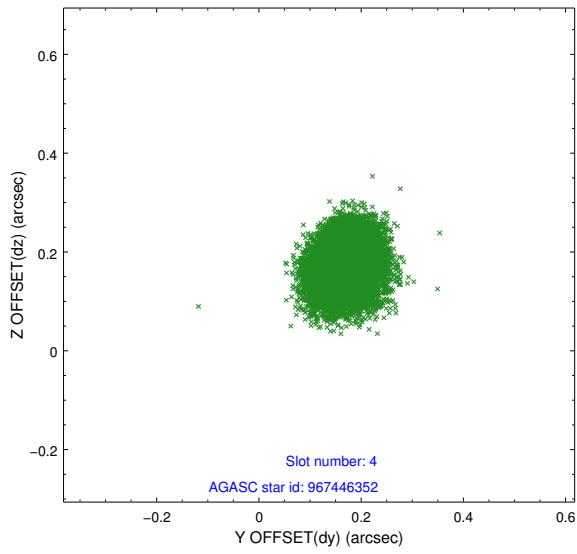
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	5164	0.084	-0.047	0.010	0.016	0.000000	0.000000	930.46	-1731.29
1	FID	ACIS-S-5	7.23	5164	-0.139	0.057	0.009	0.015	0.000000	0.000000	-1818.69	166.16
2	FID	ACIS-S-6	7.32	5164	0.033	0.001	0.014	0.023	0.000000	0.000000	395.75	810.28
3	GUIDE	966926896	9.19	10327	-0.319	-0.097	0.099	0.154	266.197771	-31.663459	1966.41	1408.18
4	GUIDE	967446352	7.74	10323	0.167	0.174	0.059	0.095	267.069988	-32.671157	-1311.83	-1669.62
5	GUIDE	967447616	9.28	10299	0.185	0.428	0.108	0.177	267.260141	-32.889782	-2026.59	-2333.10
6	GUIDE	966927176	9.03	10323	-0.170	-0.211	0.140	0.197	265.946853	-31.673679	1832.68	2165.84
7	GUIDE	967448136	8.83	10322	0.136	-0.294	0.086	0.136	265.900071	-32.546602	-1301.77	1905.87

2.4 Star Slots

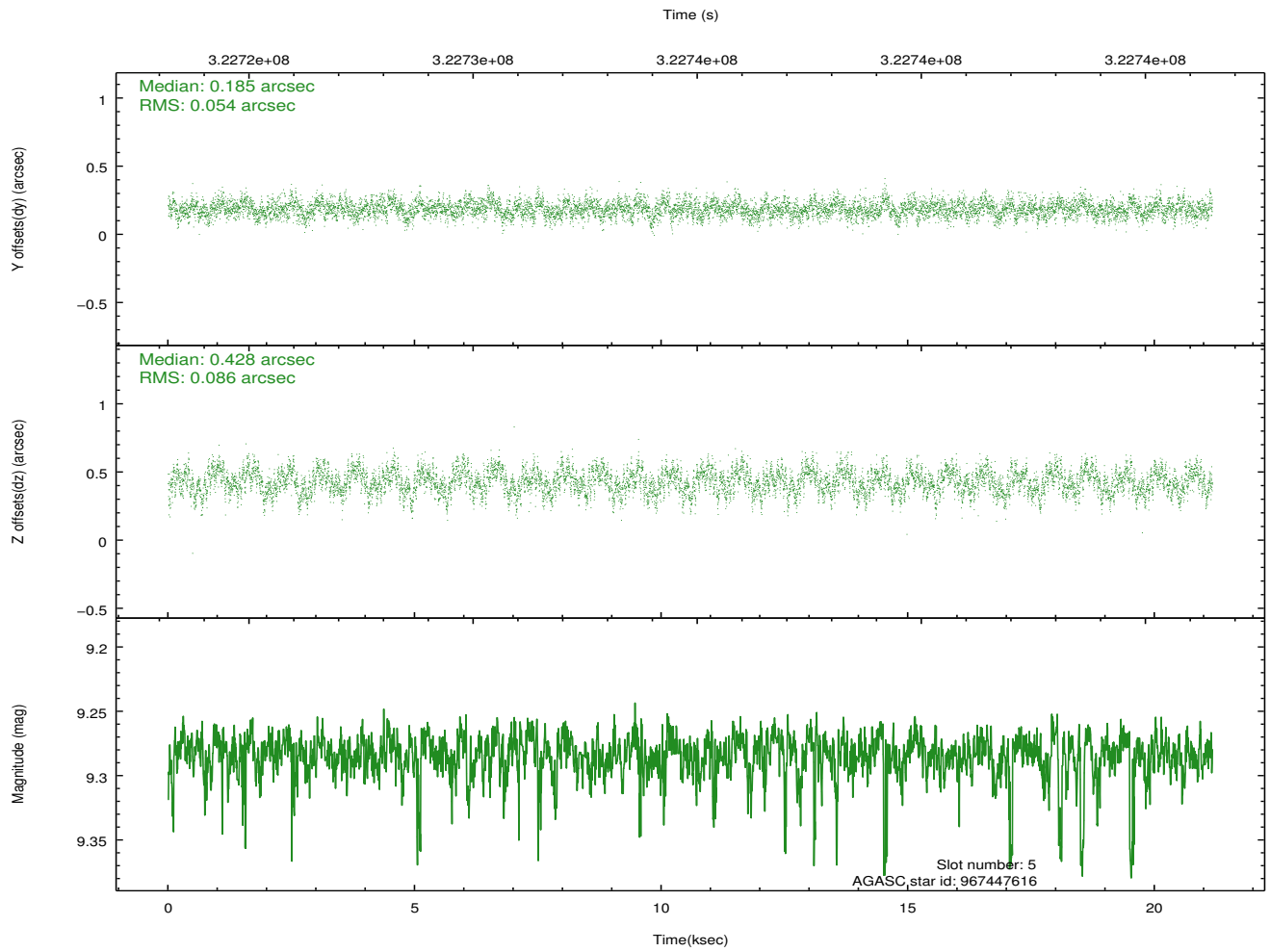
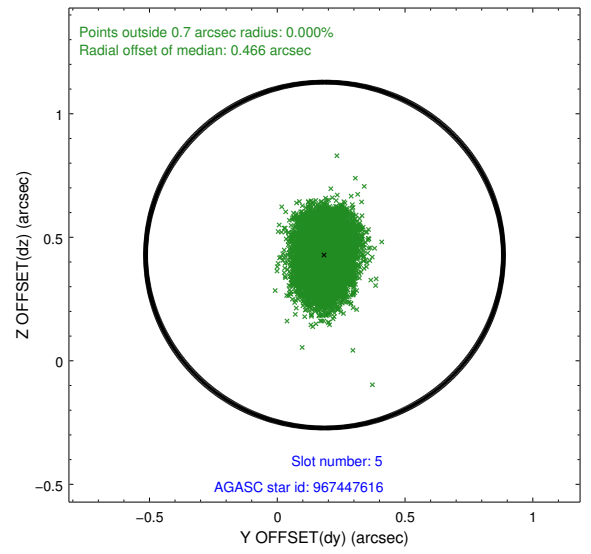
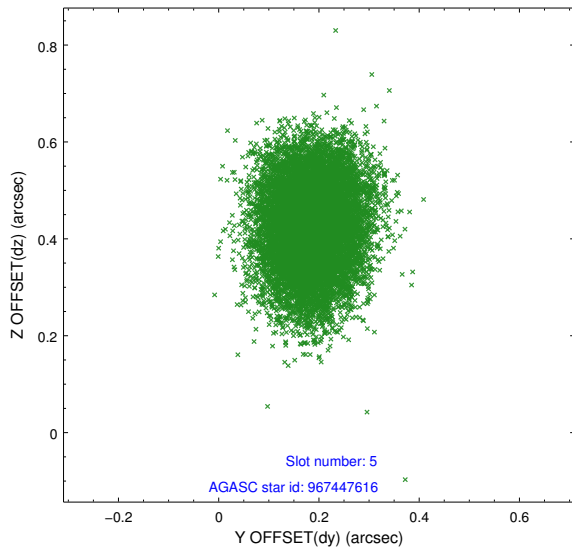
2.4.1 Slot 3



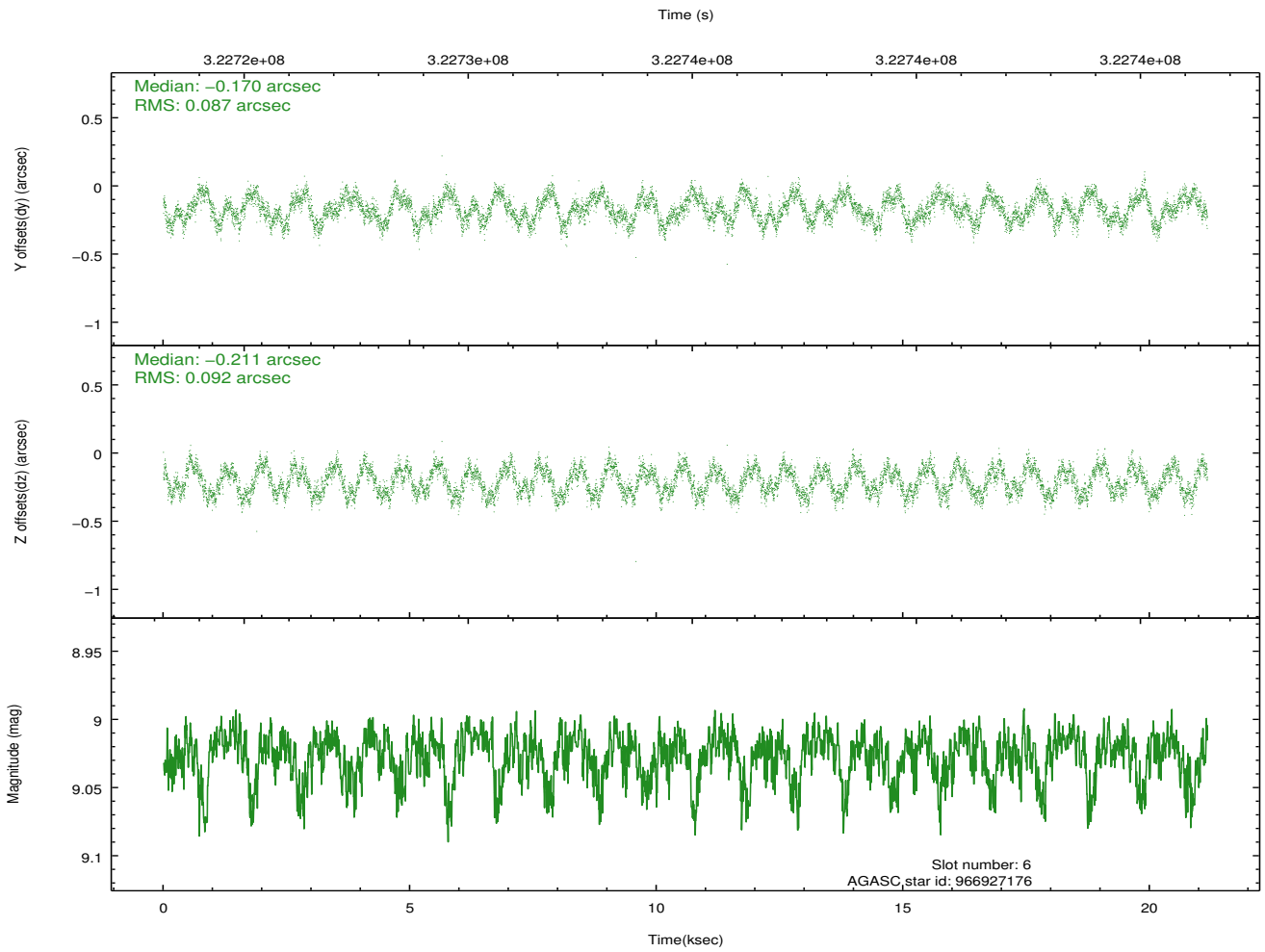
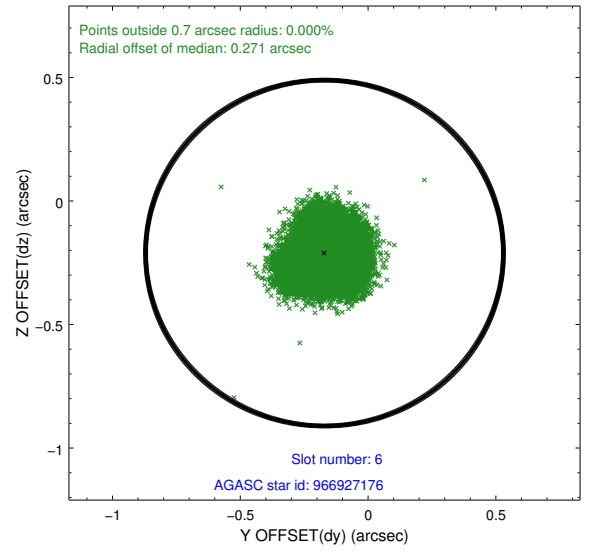
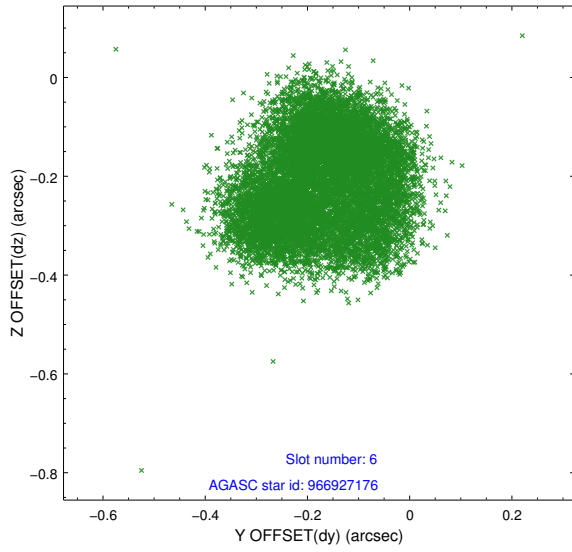
2.4.2 Slot 4



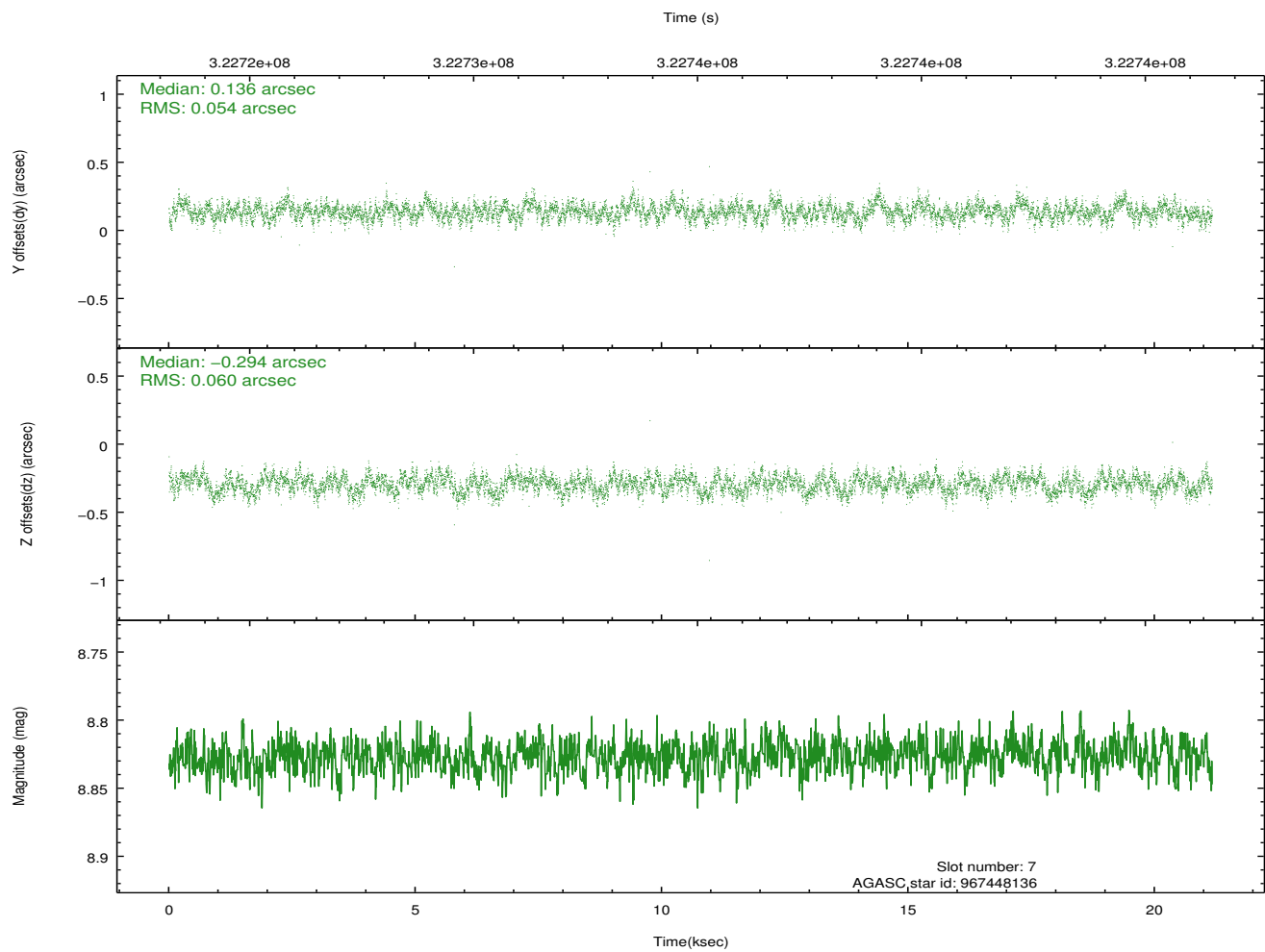
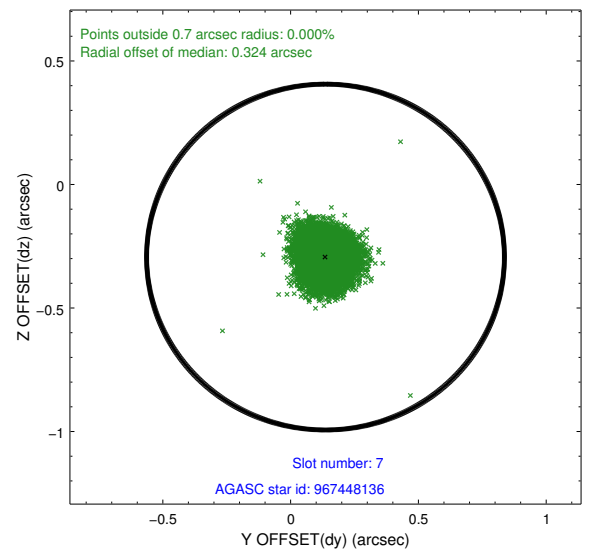
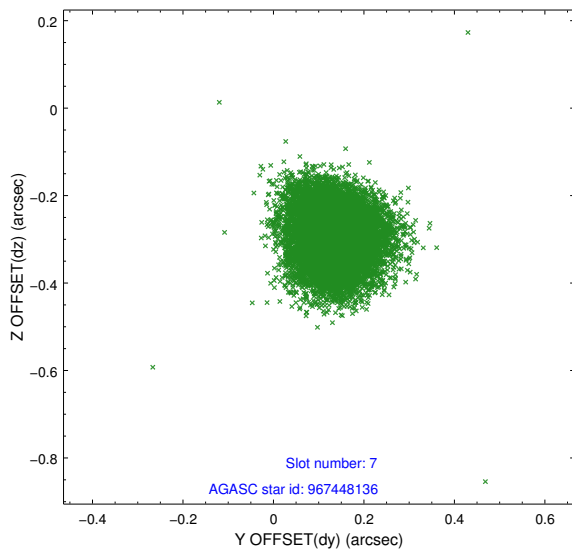
2.4.3 Slot 5



2.4.4 Slot 6

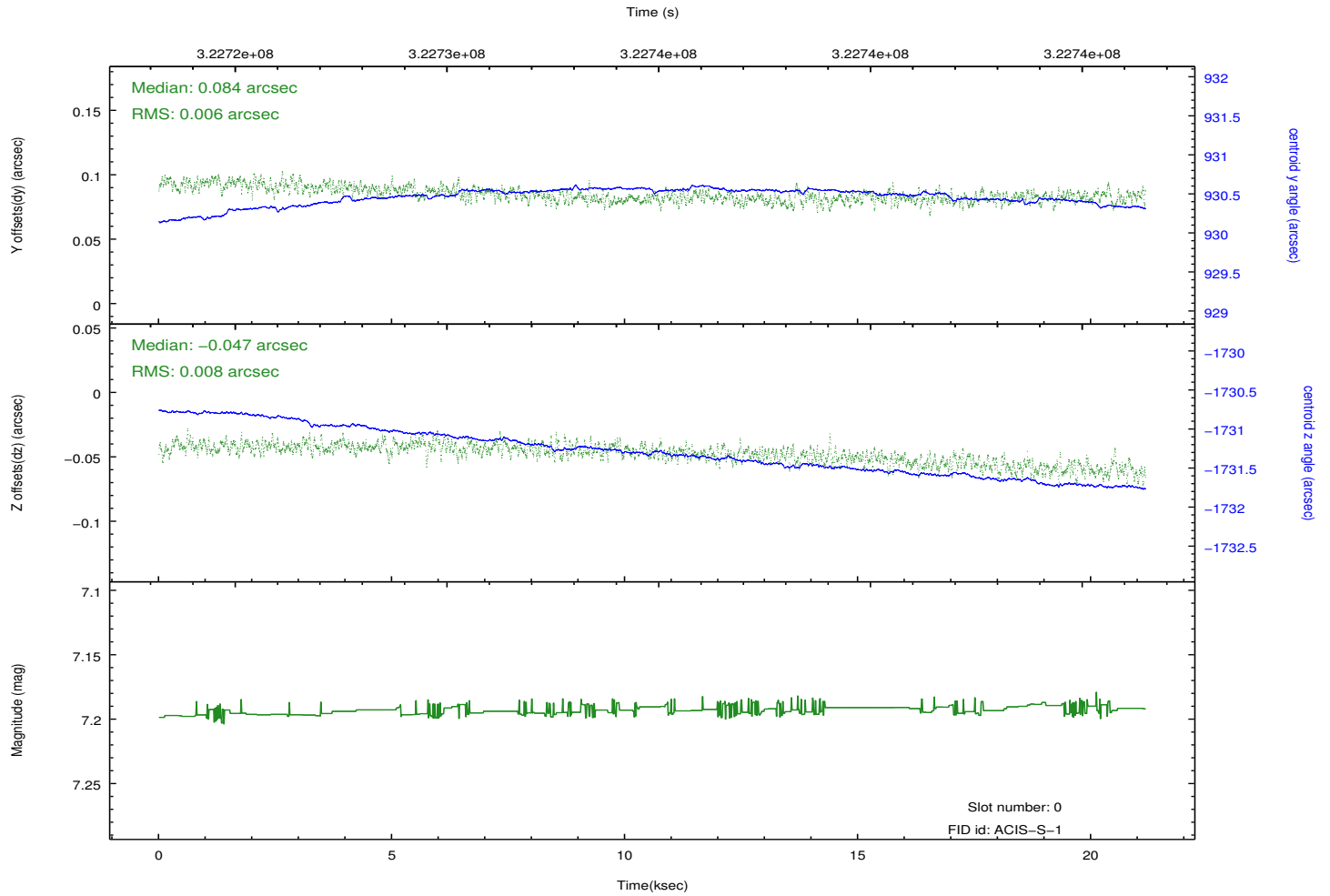
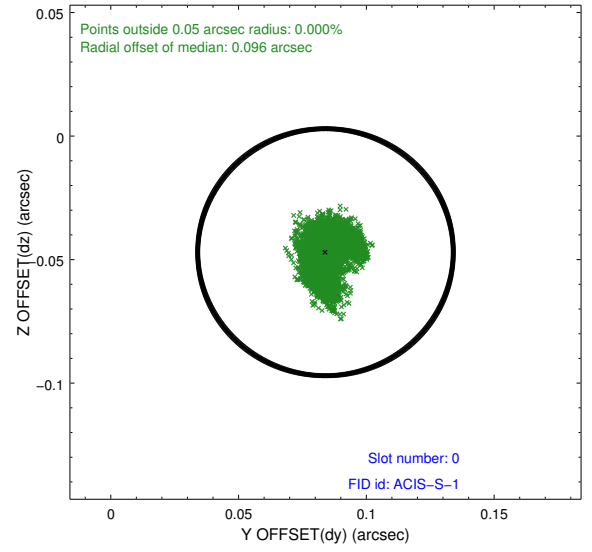
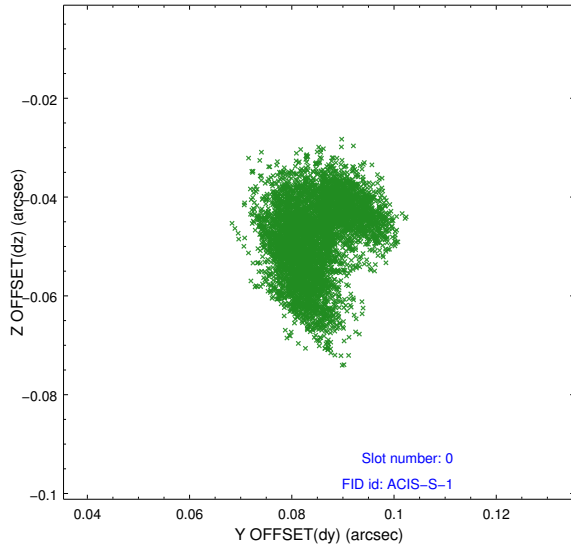


2.4.5 Slot 7

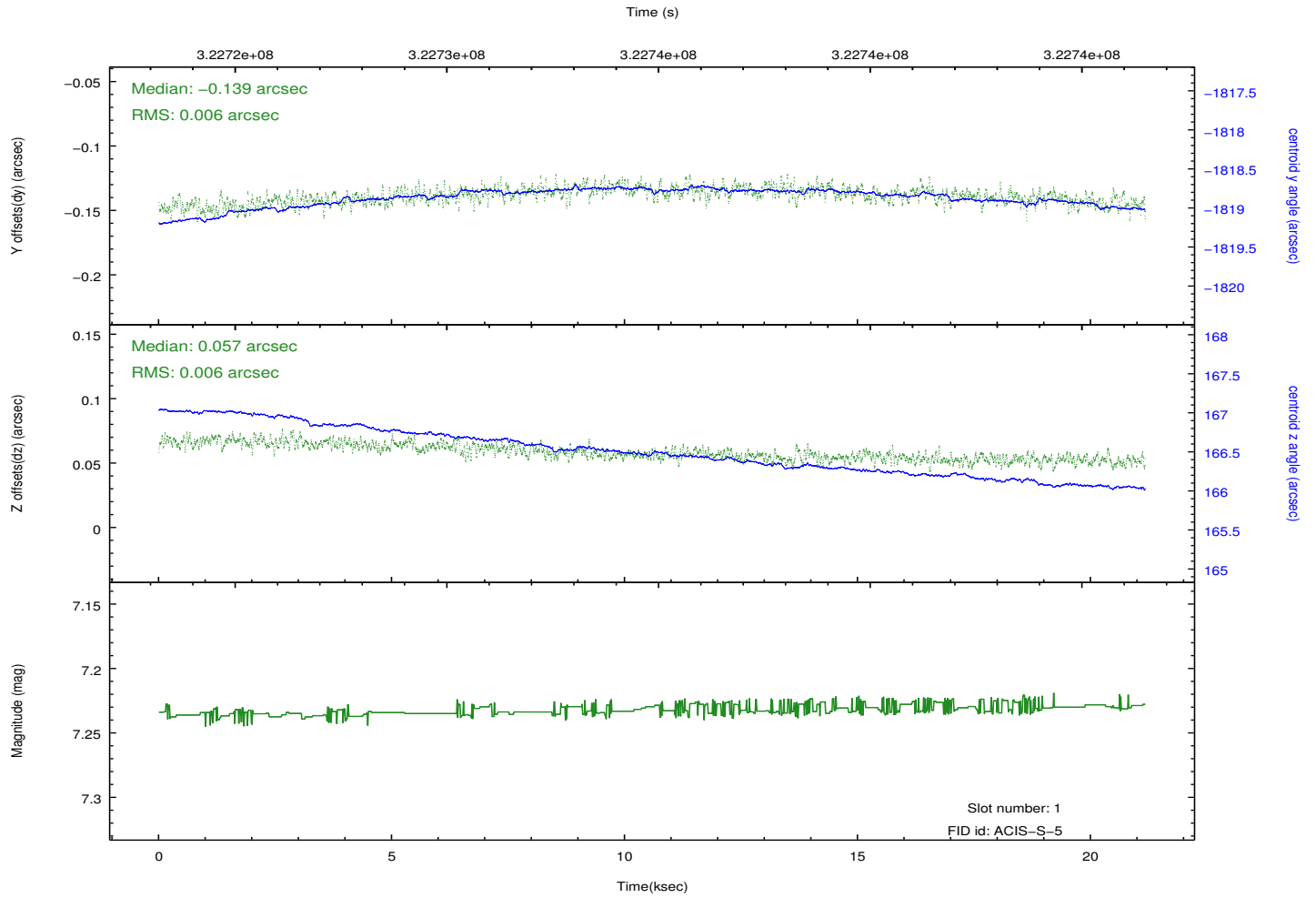
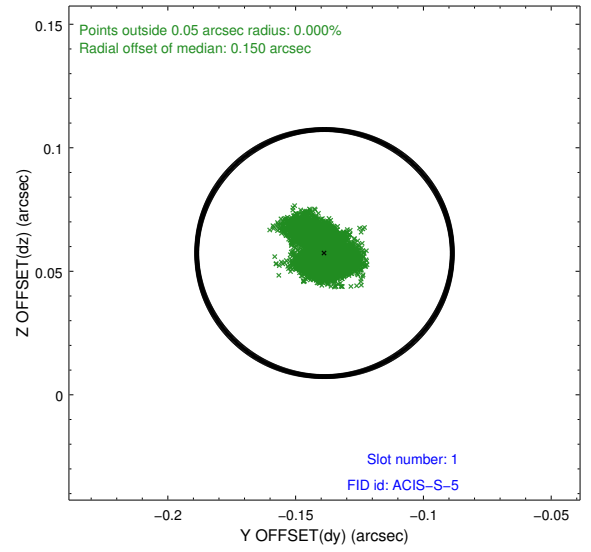
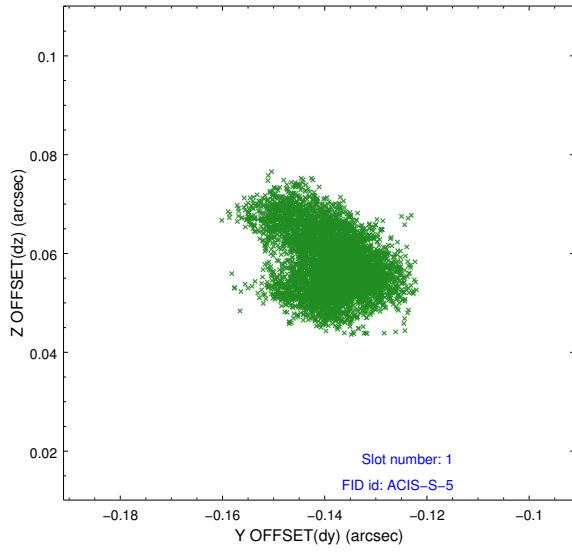


2.5 FID Slots

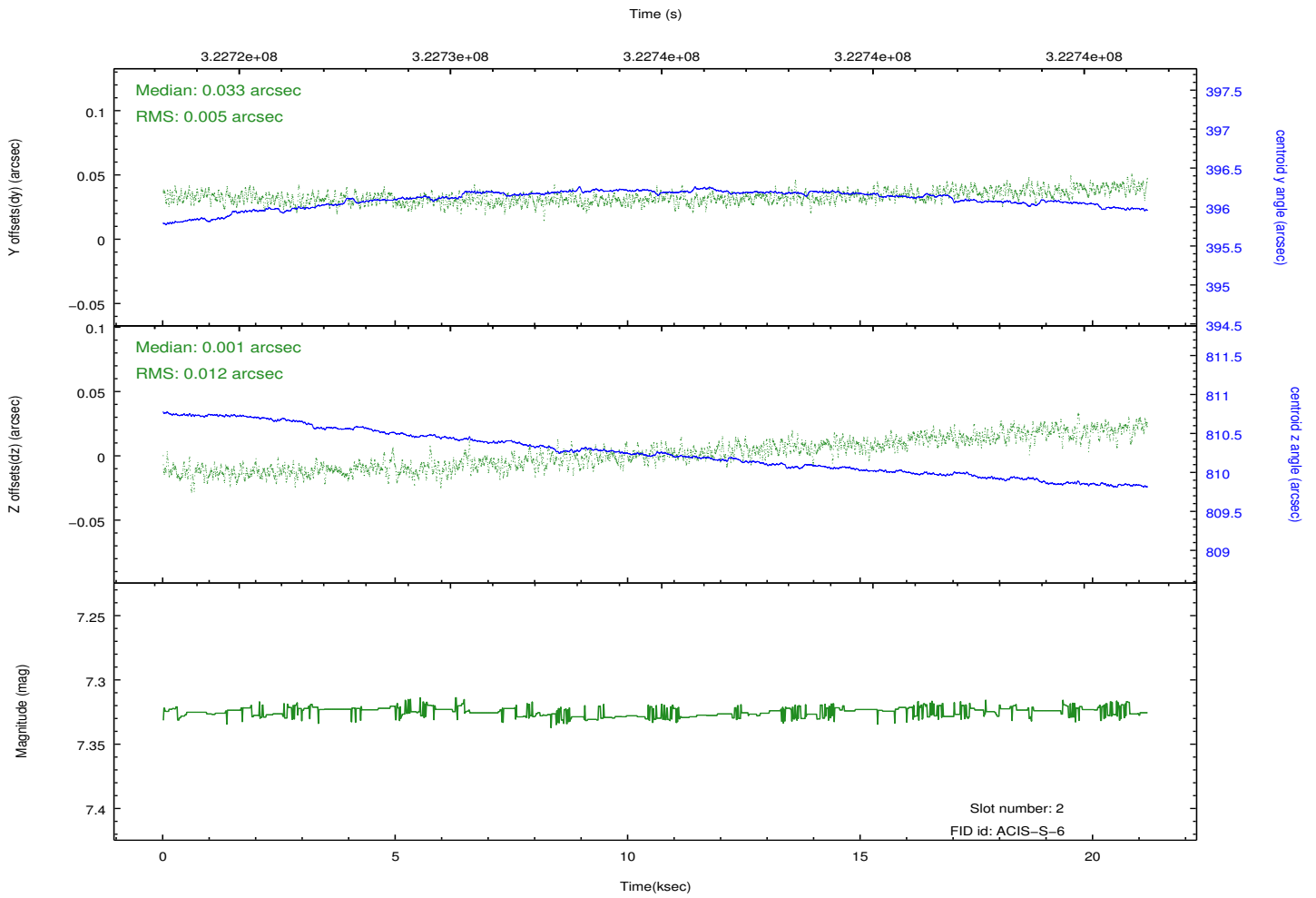
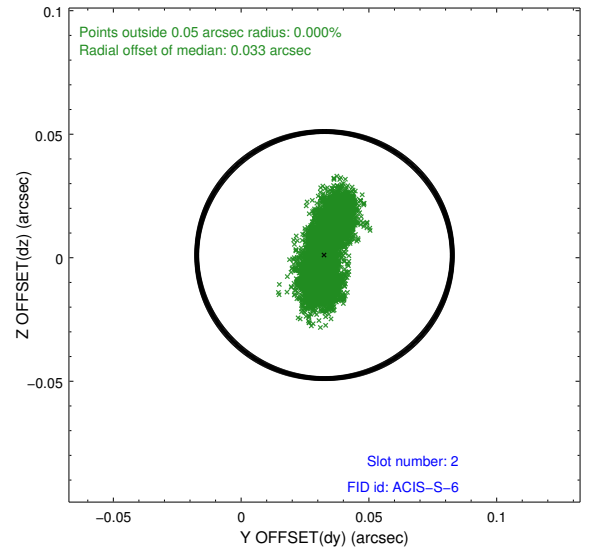
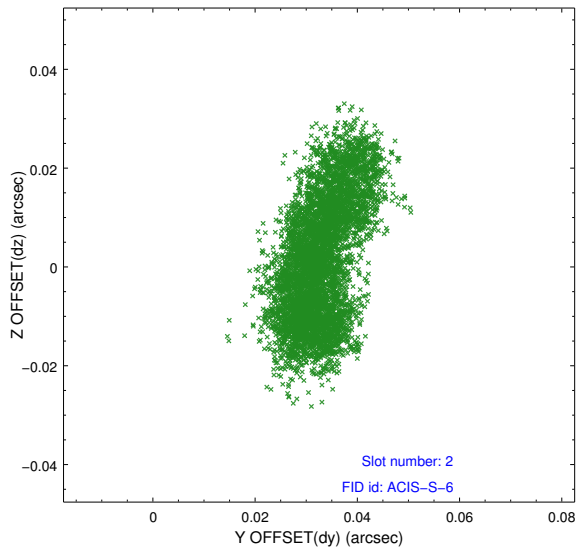
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.168

A.2 Comments

Joint Proposal: NRAO