

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8990 - L2 Version 2
Chandra X-Ray Center

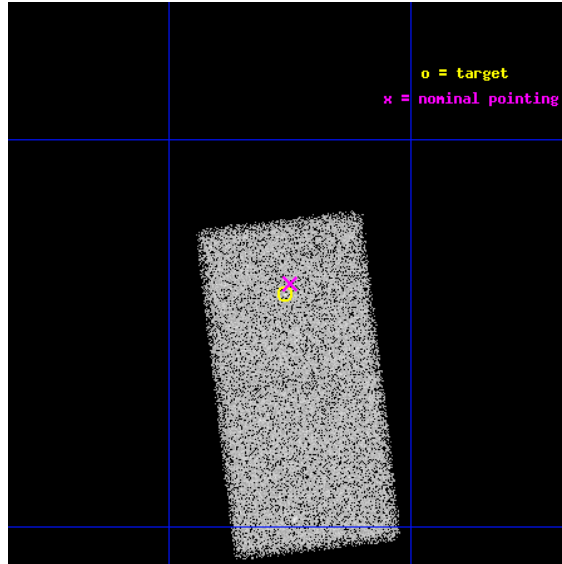
L2 Processing Date : May 11 2012

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1 Front

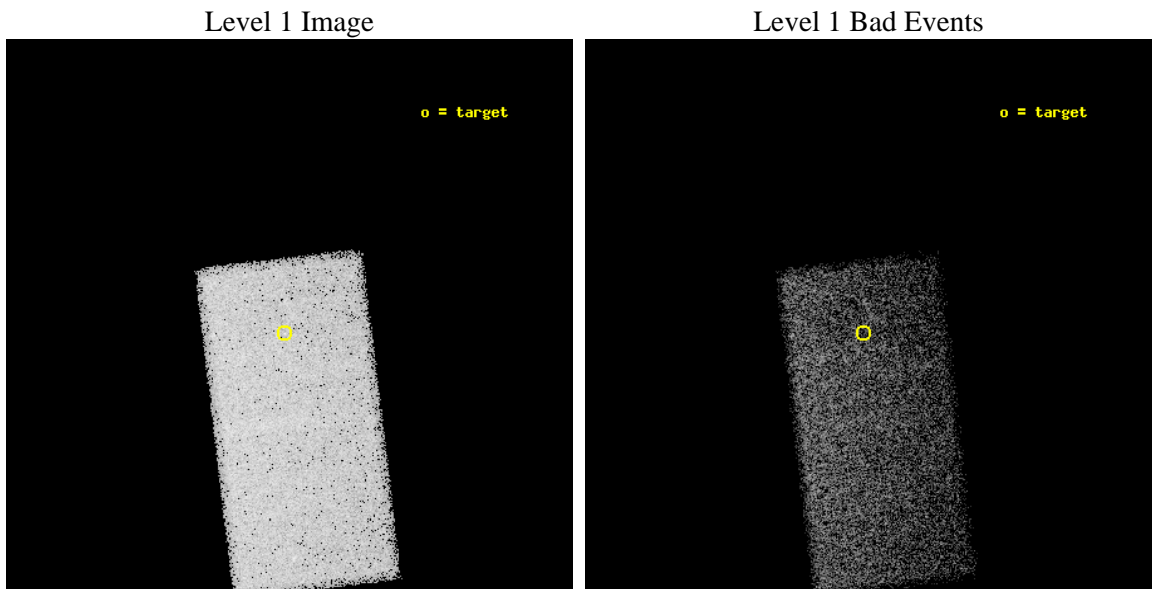
seq_num	400841	Sequence number
obs_id	8990	Observation id
title	Following a black hole candidate X-ray transient to quiescence	Pro
observer	dr Peter Jonker	Principal investigator
object	H 1743-322	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.565	Observer's specified target RA [deg]
dec_targ	-32.2333	Observer's specified target Dec [deg]
ra_nom	266.56260899056	Nominal RA [deg]
dec_nom	-32.228901941567	Nominal Dec [deg]
roll_nom	83.155356869731	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21810.0	Sum of GTIs [s]
livetime	21229.169911229	Livetime [s]
ontime7	21810.0	Sum of GTIs [s]
l2events	62665	Number of level 2 events



2 OBI

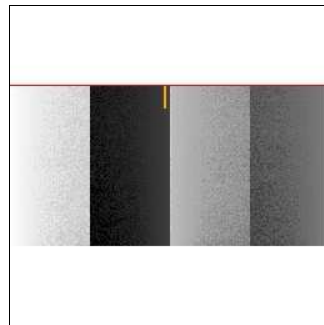
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	21650.075000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	21810.0	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	21810.0	Sum of GTIs [s]
date	2012-05-12T00:36:15	Date and time of file creation	l1events	150962	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

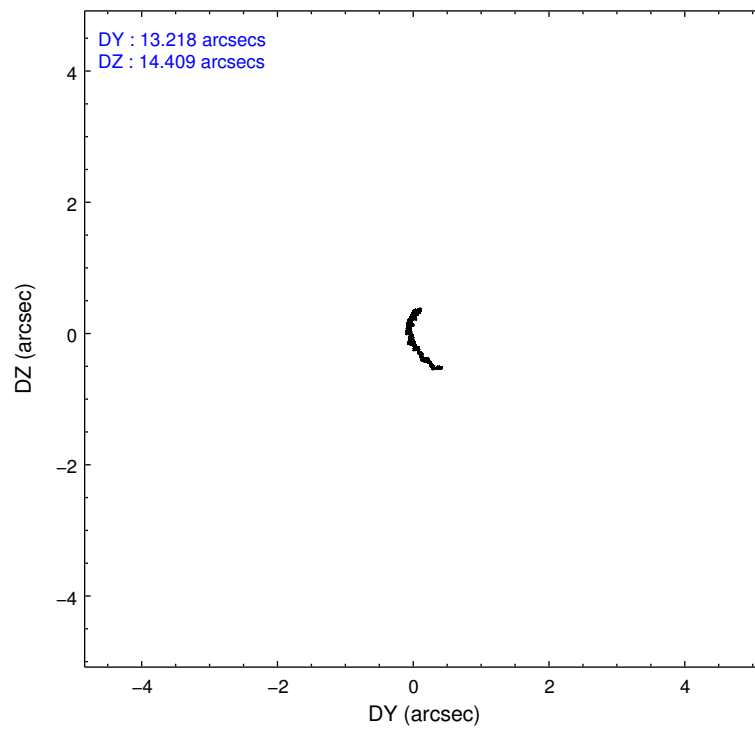
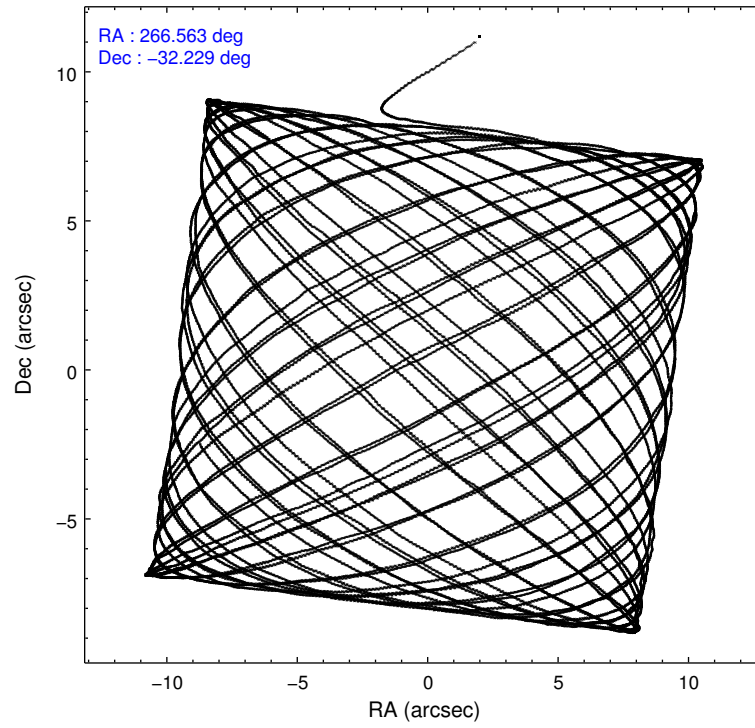
	ccd 7
level 1 events	150962
rejected events	86559
rejected %	57%

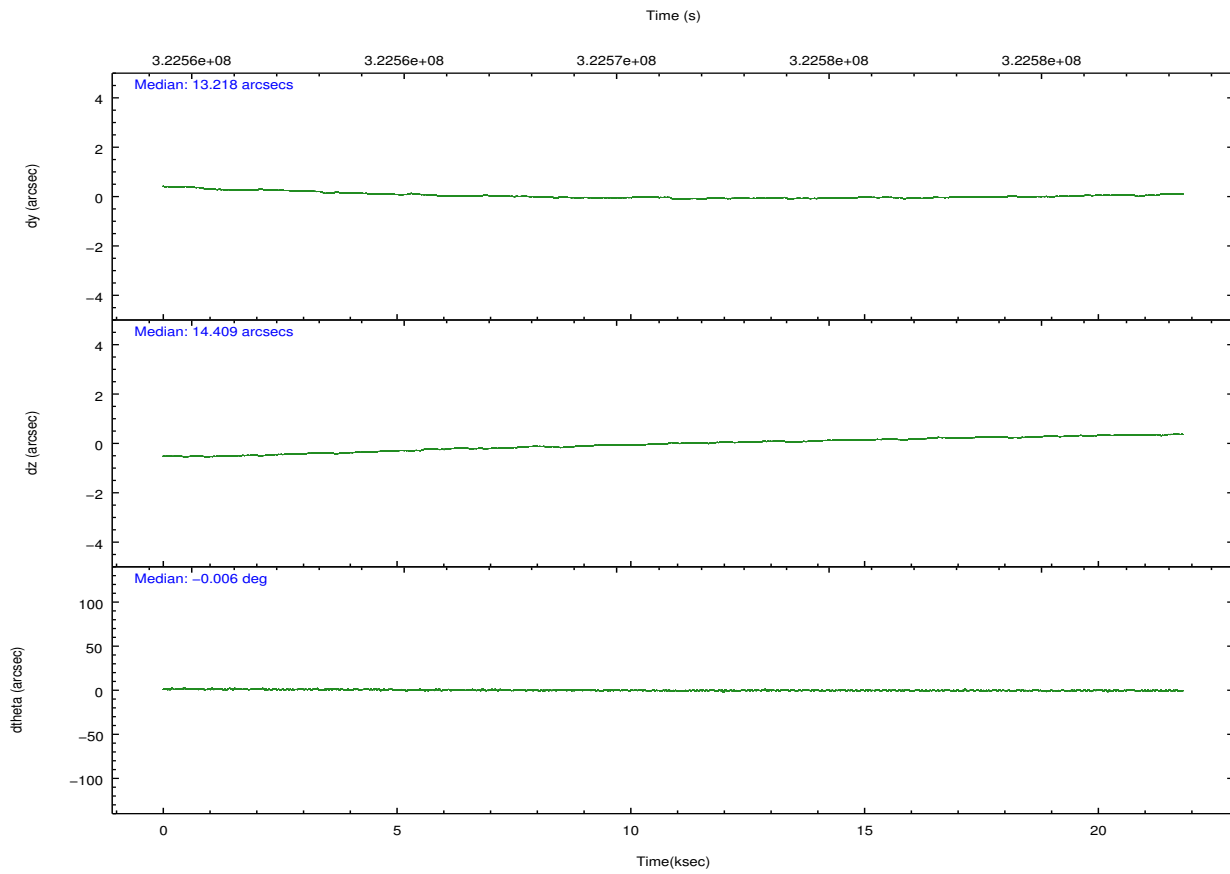
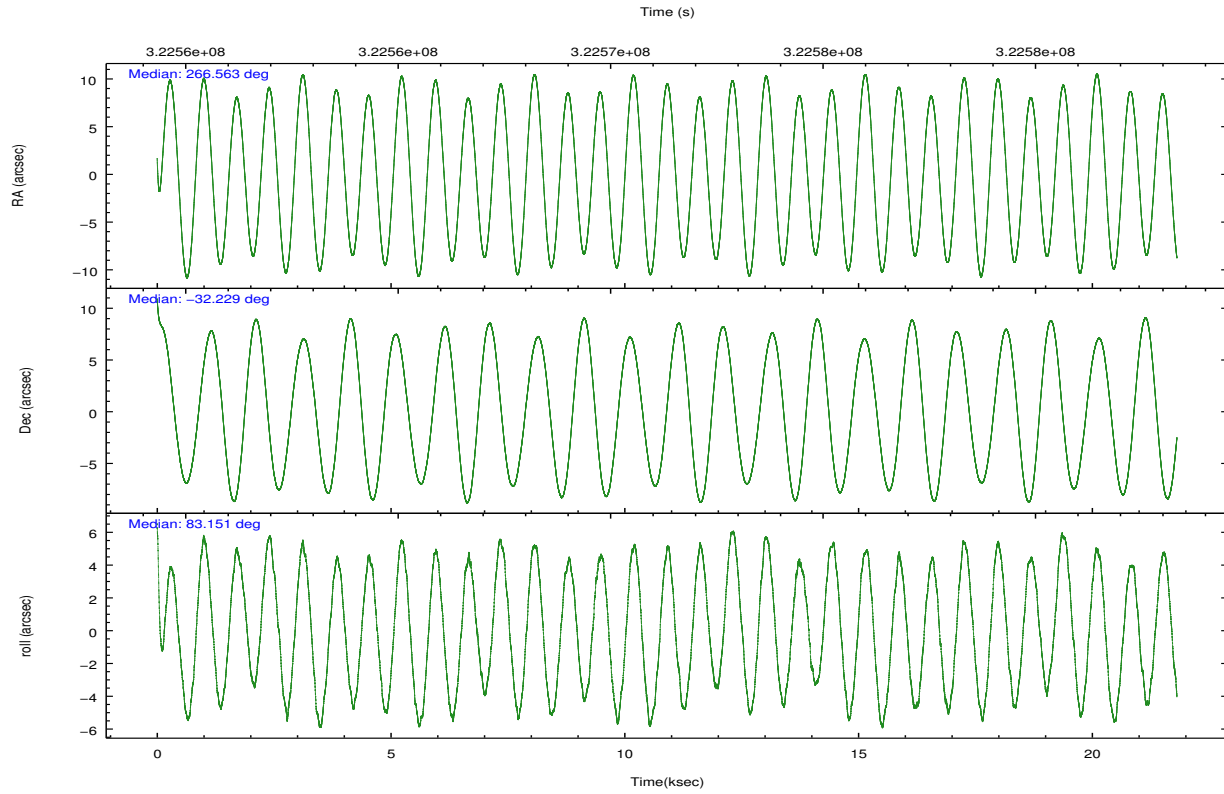
	ccd 7
grade 0 events	6188
	4%
grade 1 events	163
	0%
grade 2 events	13396
	8%
grade 3 events	6401
	4%
grade 4 events	6392
	4%
grade 5 events	14202
	9%
grade 6 events	33700
	22%
grade 7 events	70520
	46%

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	266.5626089905567	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-32.253897	-32.22890194156702	Subarray start row	257	257
[deg] Pointing Roll	83.005718	83.15535686973101	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	322560574.184000	322559641.31889			
Observation start date	2008-03-22T08:08:29	2008-03-22T07:54:01			
[s] Observation end time (MET)	322582224.184000	322582445.52			
Observation end date	2008-03-22T14:09:19	2008-03-22T14:14:05			
Read mode	TIMED	TIMED			

2.3 Aspect



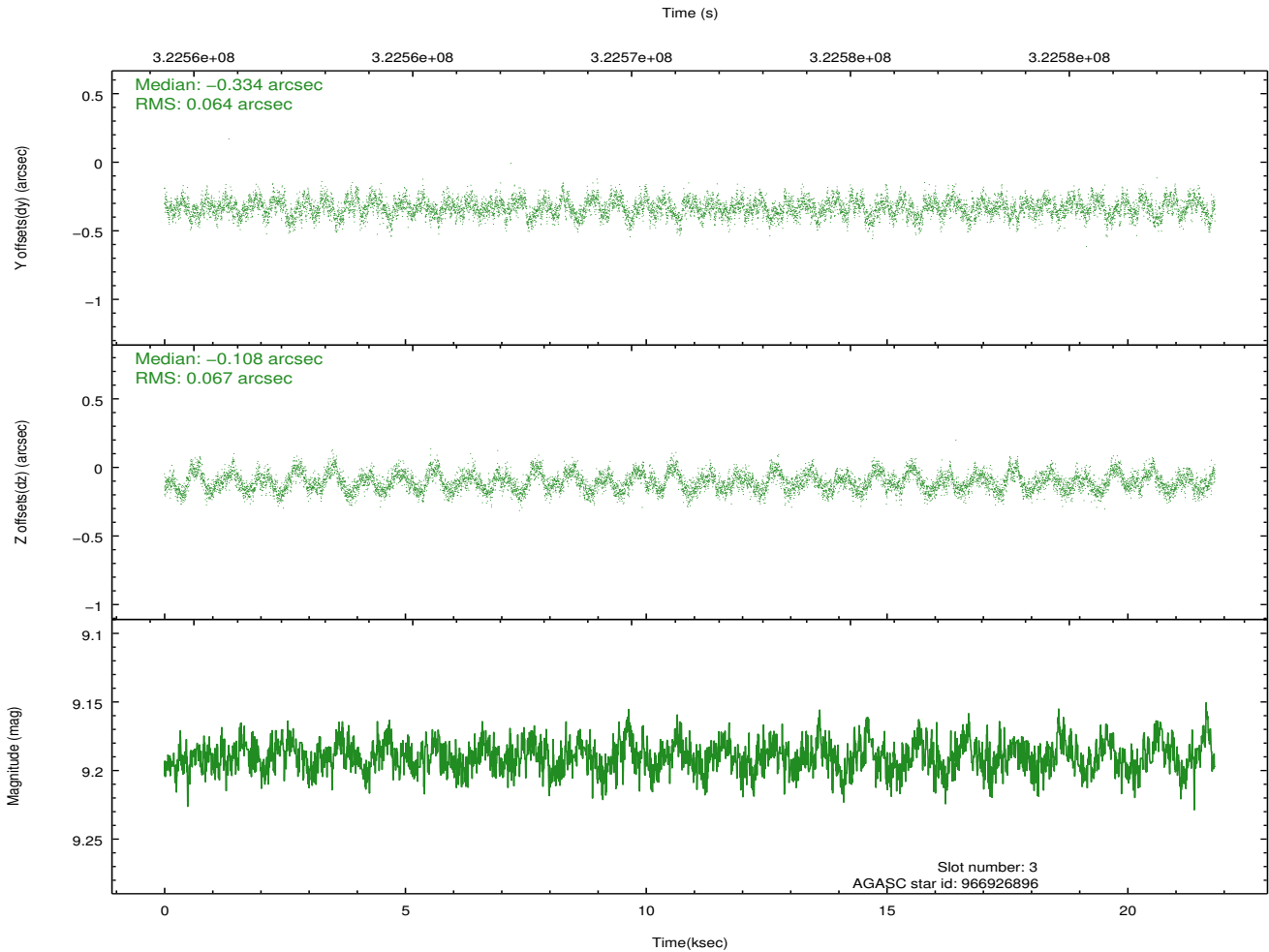
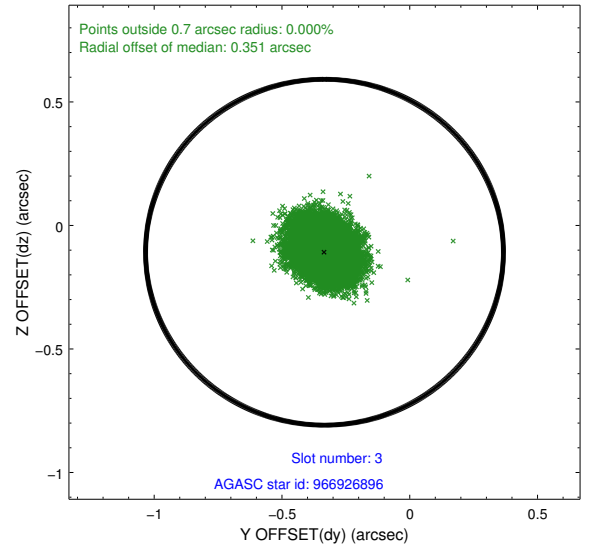
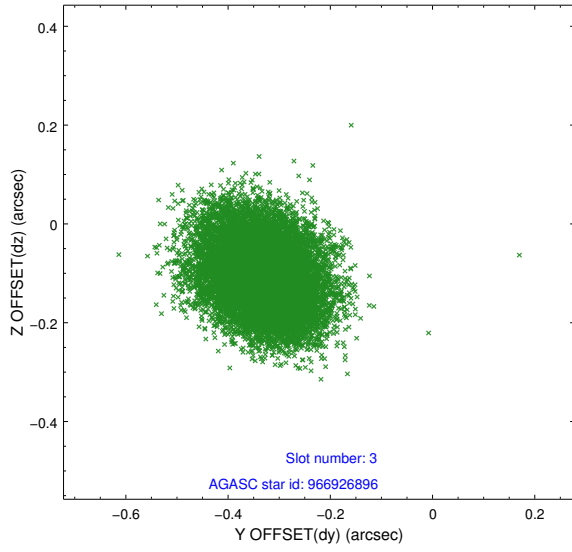


Slot Statistics

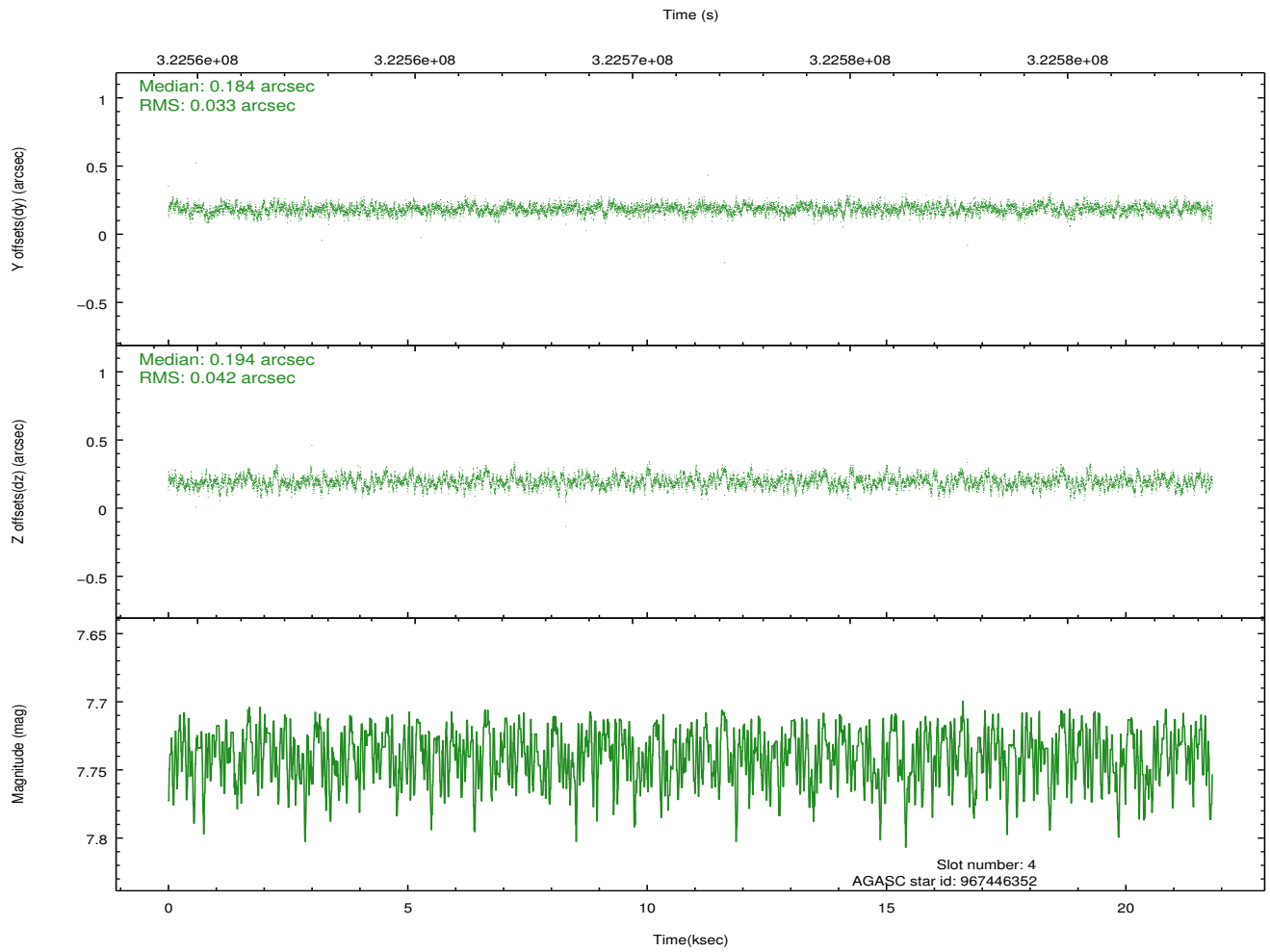
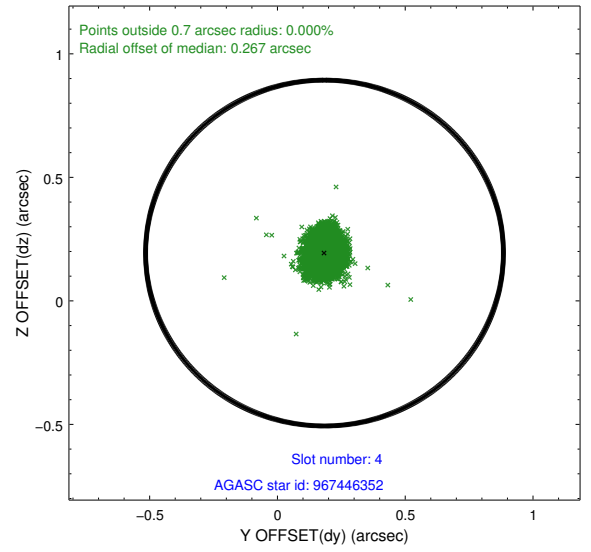
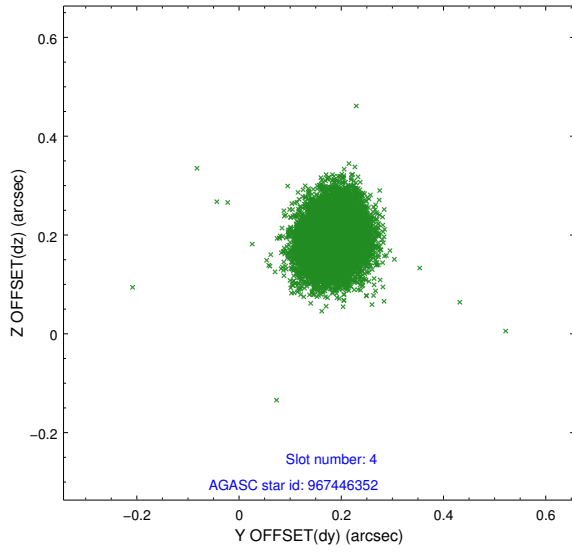
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	5320	0.076	-0.034	0.010	0.016	0.000000	0.000000	929.95	-1731.33
1	FID	ACIS-S-5	7.23	5320	-0.144	0.051	0.009	0.015	0.000000	0.000000	-1819.20	166.12
2	FID	ACIS-S-6	7.33	5319	0.046	-0.004	0.014	0.022	0.000000	0.000000	395.27	810.23
3	GUIDE	966926896	9.19	10634	-0.334	-0.108	0.100	0.157	266.197771	-31.663459	1966.41	1408.24
4	GUIDE	967446352	7.74	10639	0.184	0.194	0.056	0.092	267.069988	-32.671157	-1311.81	-1669.54
5	GUIDE	967447616	9.28	10608	0.200	0.449	0.101	0.164	267.260141	-32.889782	-2026.57	-2332.99
6	GUIDE	966927176	9.01	10632	-0.190	-0.233	0.094	0.145	265.946853	-31.673679	1832.67	2165.90
7	GUIDE	967448136	8.83	10632	0.144	-0.302	0.091	0.144	265.900071	-32.546602	-1301.76	1905.92

2.4 Star Slots

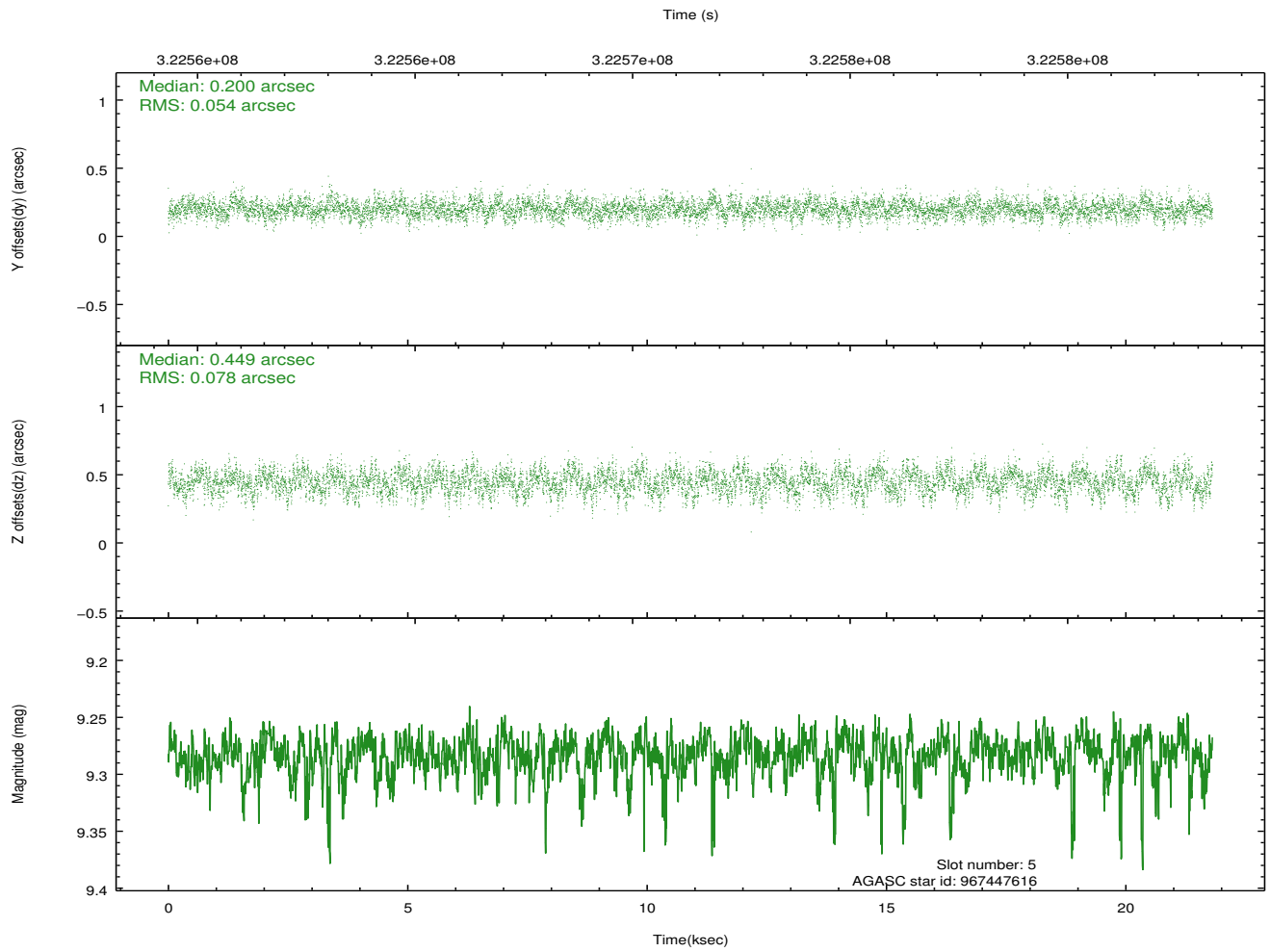
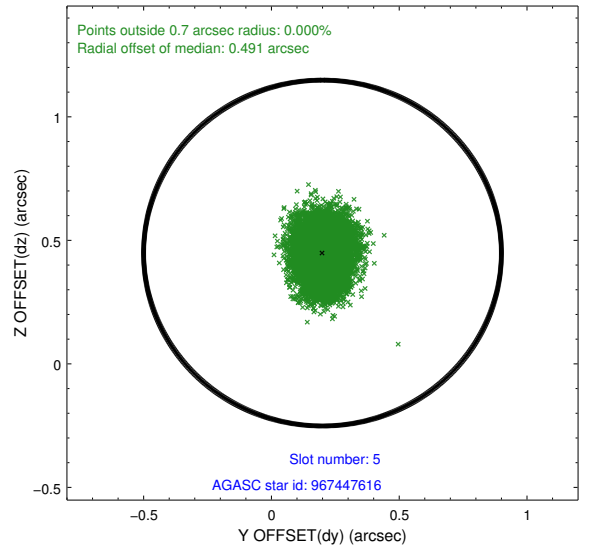
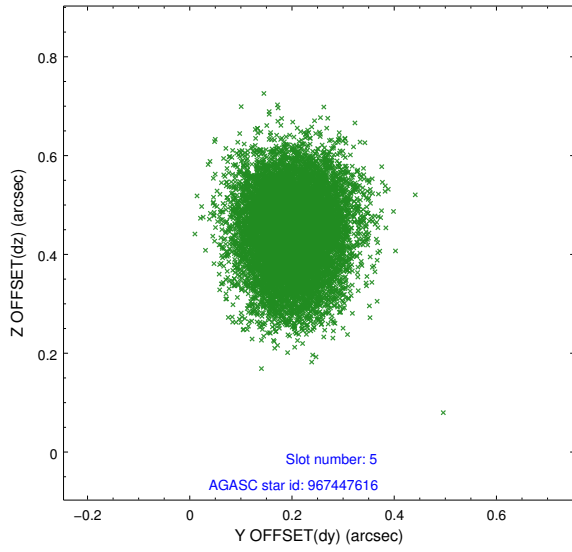
2.4.1 Slot 3



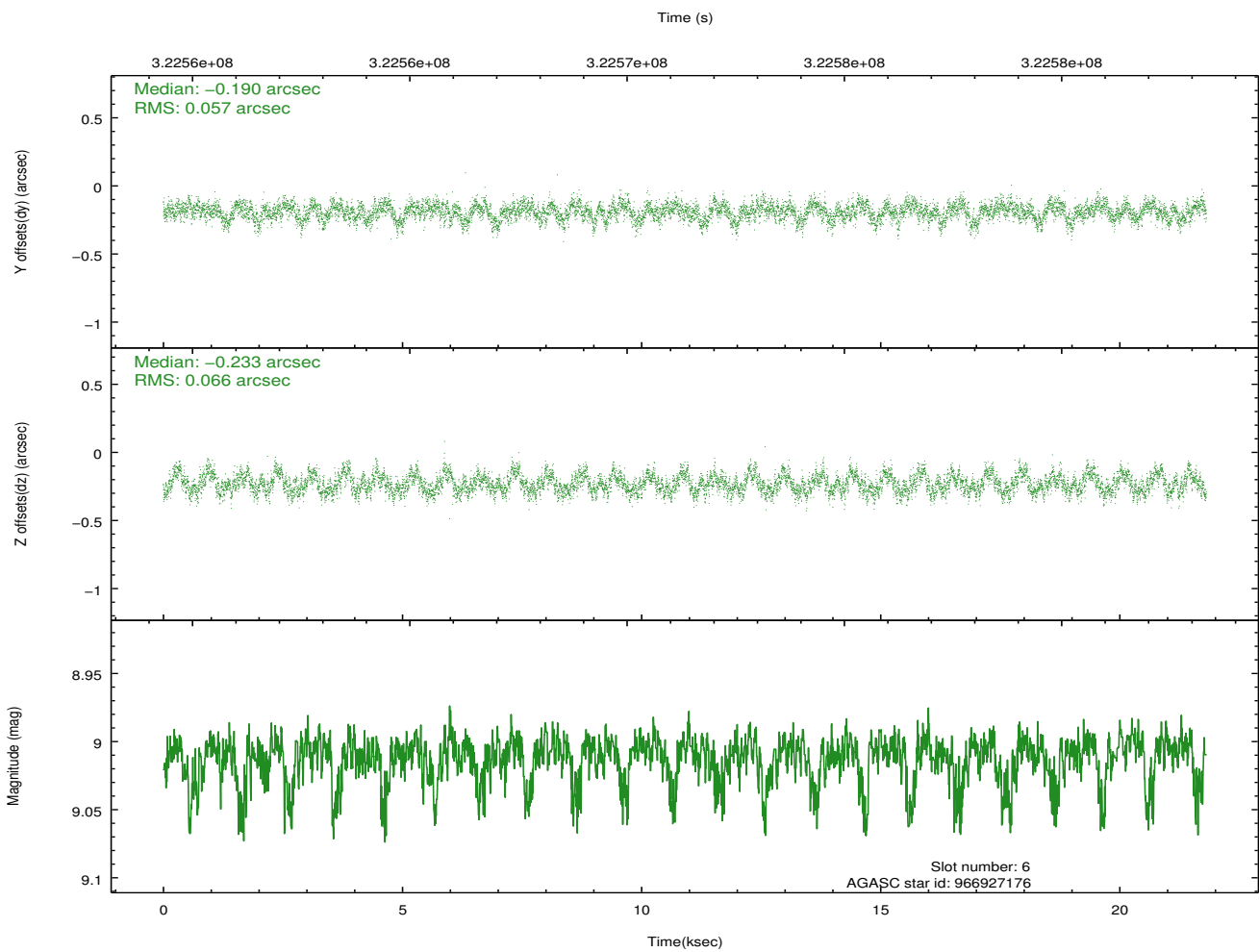
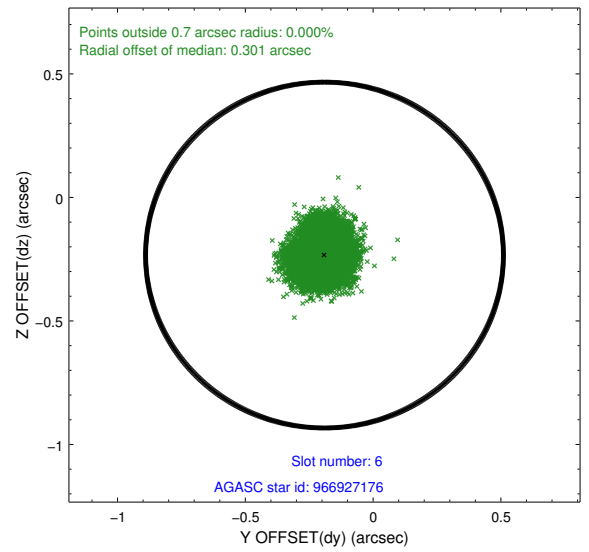
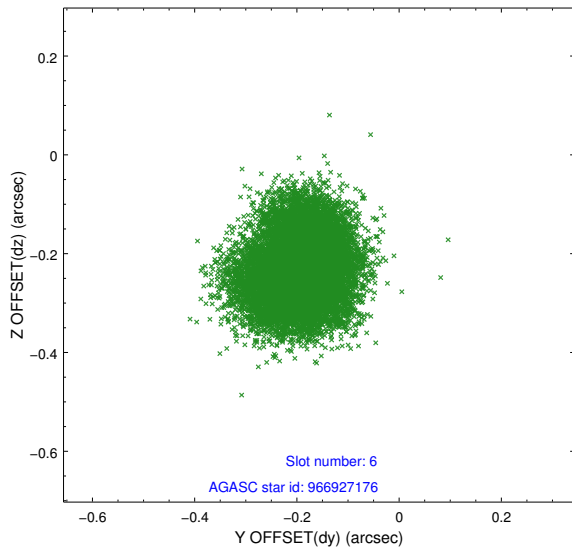
2.4.2 Slot 4



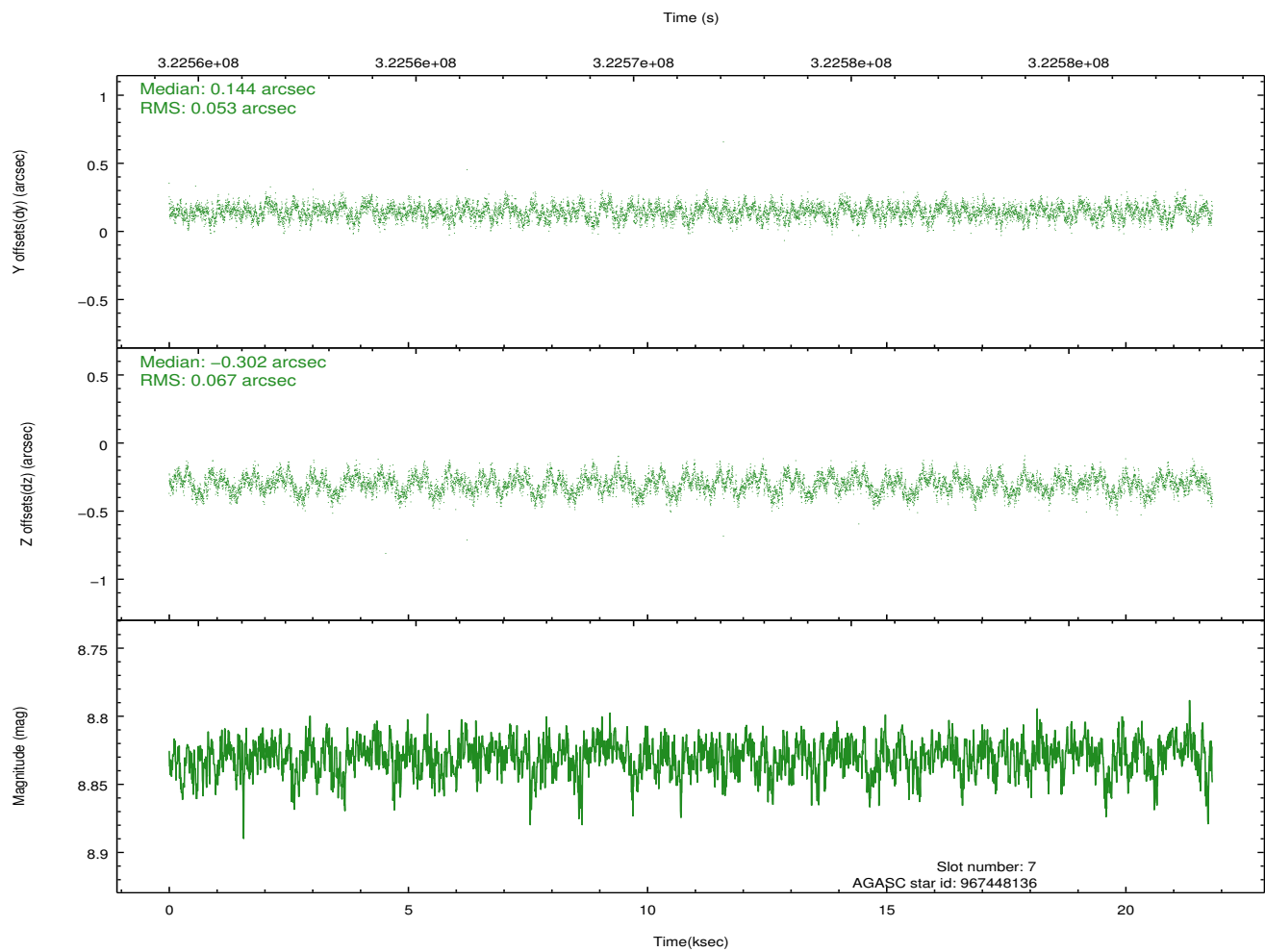
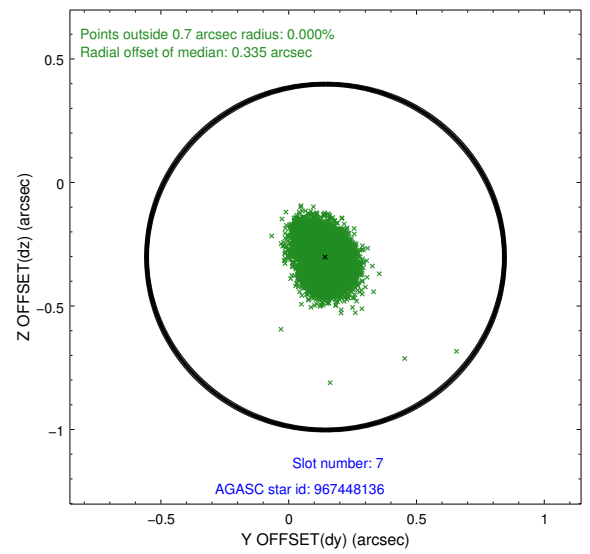
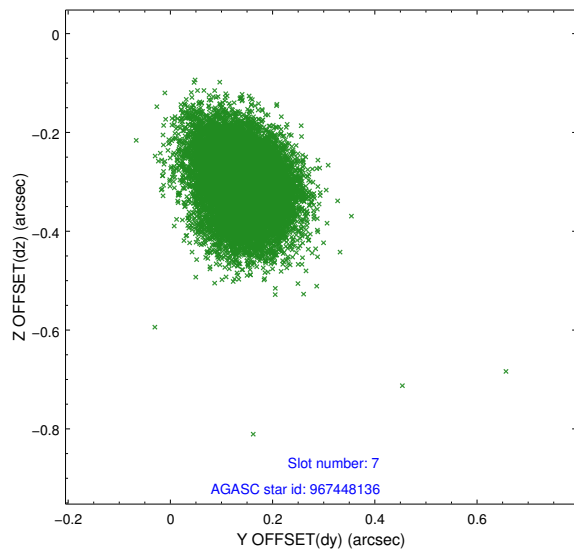
2.4.3 Slot 5



2.4.4 Slot 6

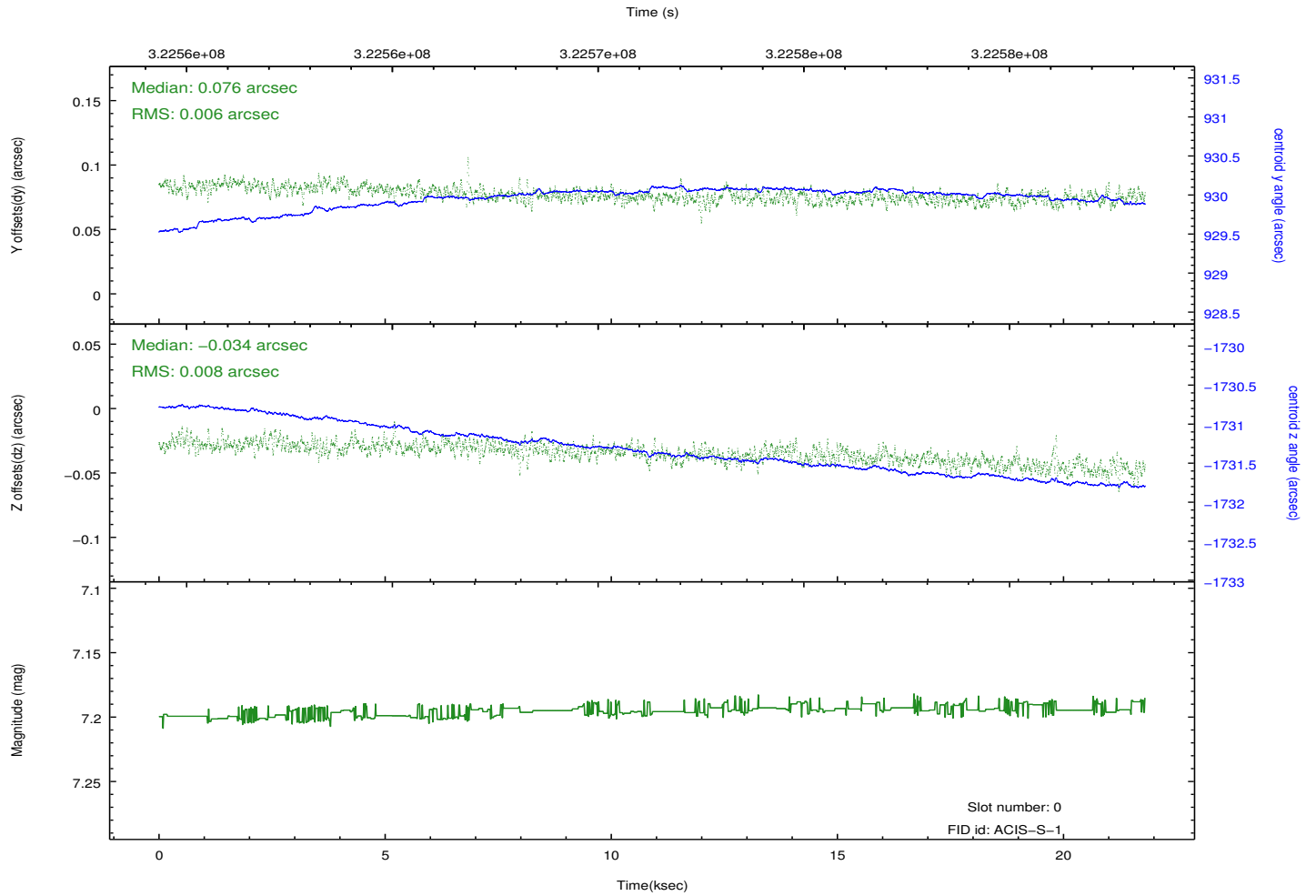
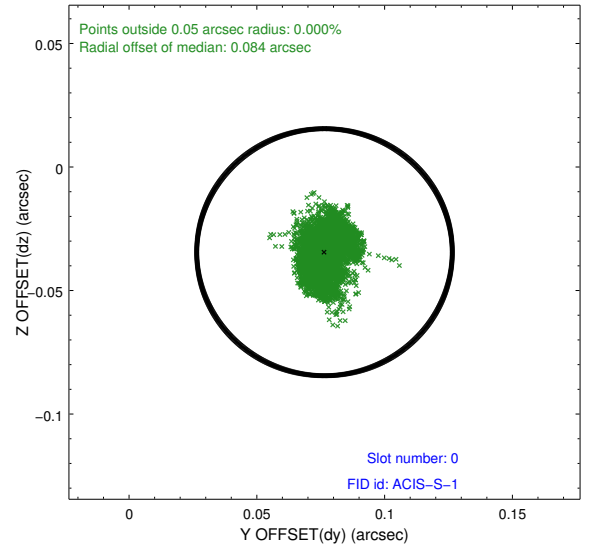
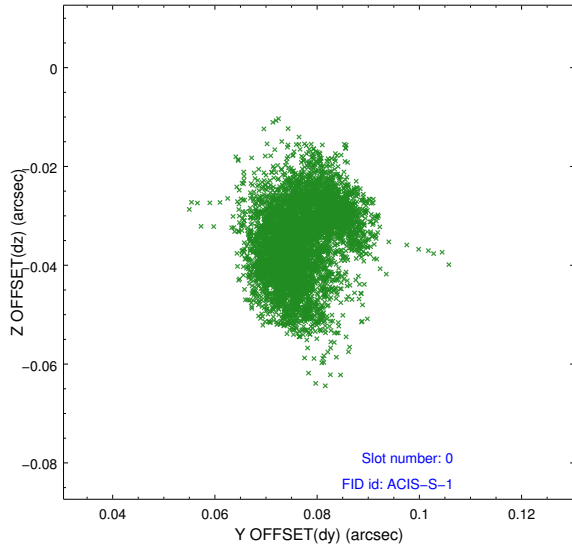


2.4.5 Slot 7

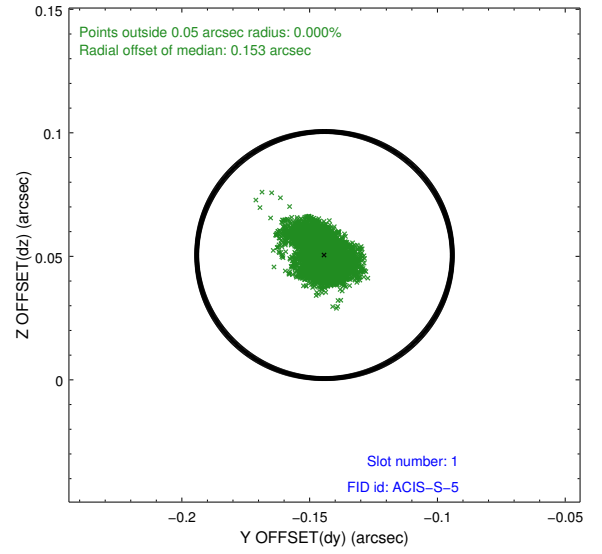
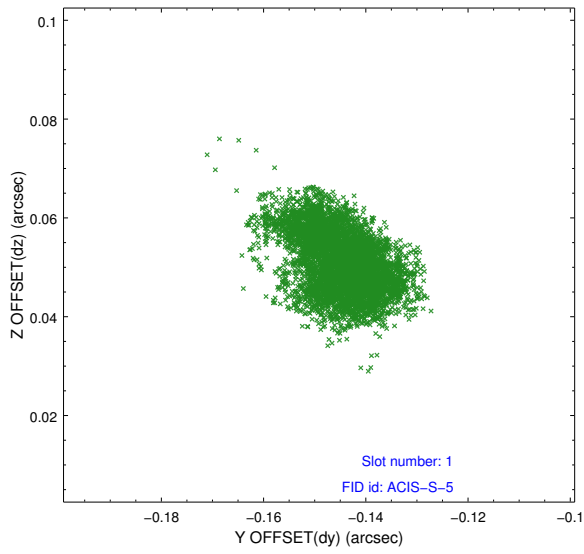


2.5 FID Slots

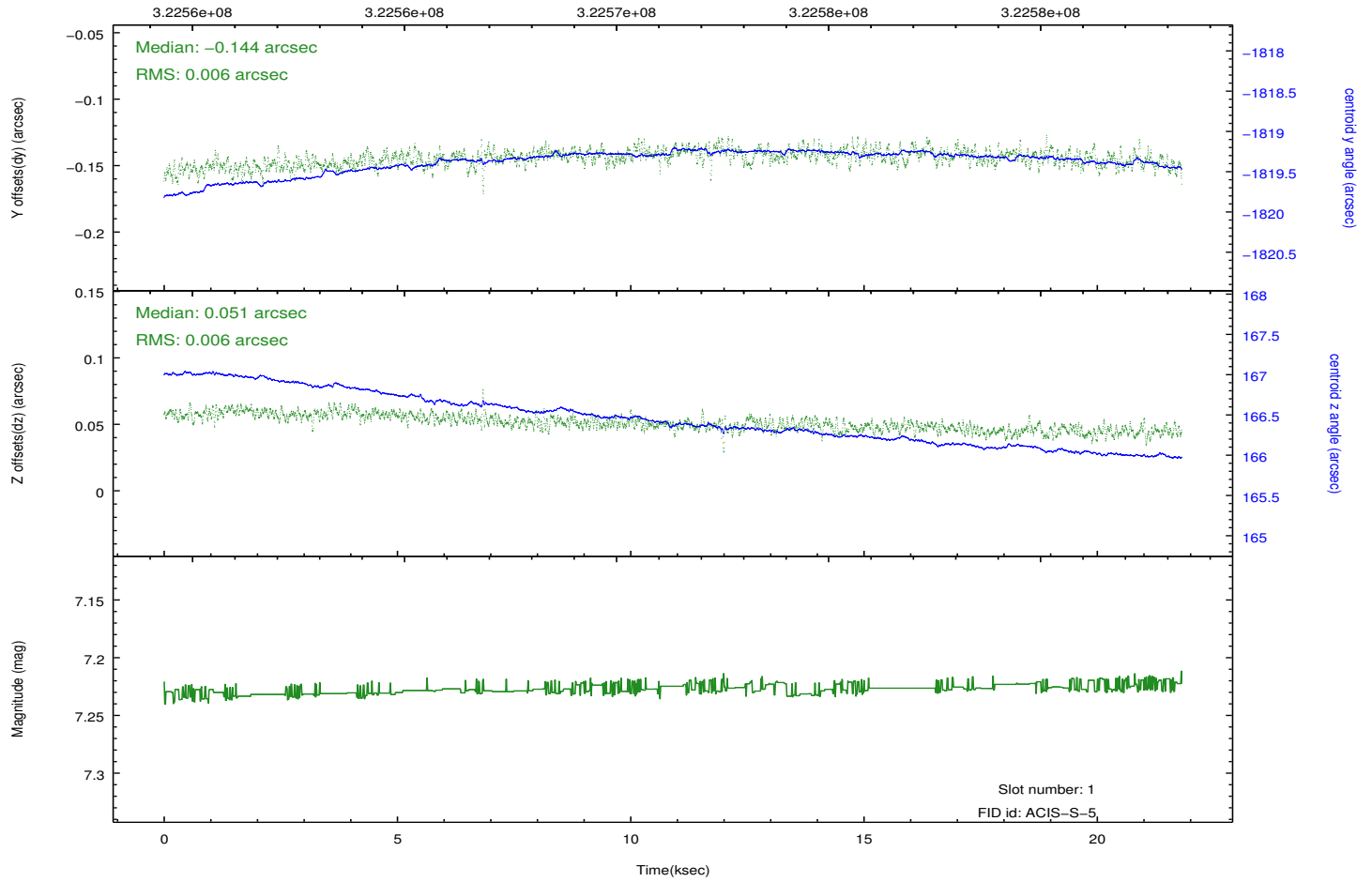
2.5.1 Slot 0



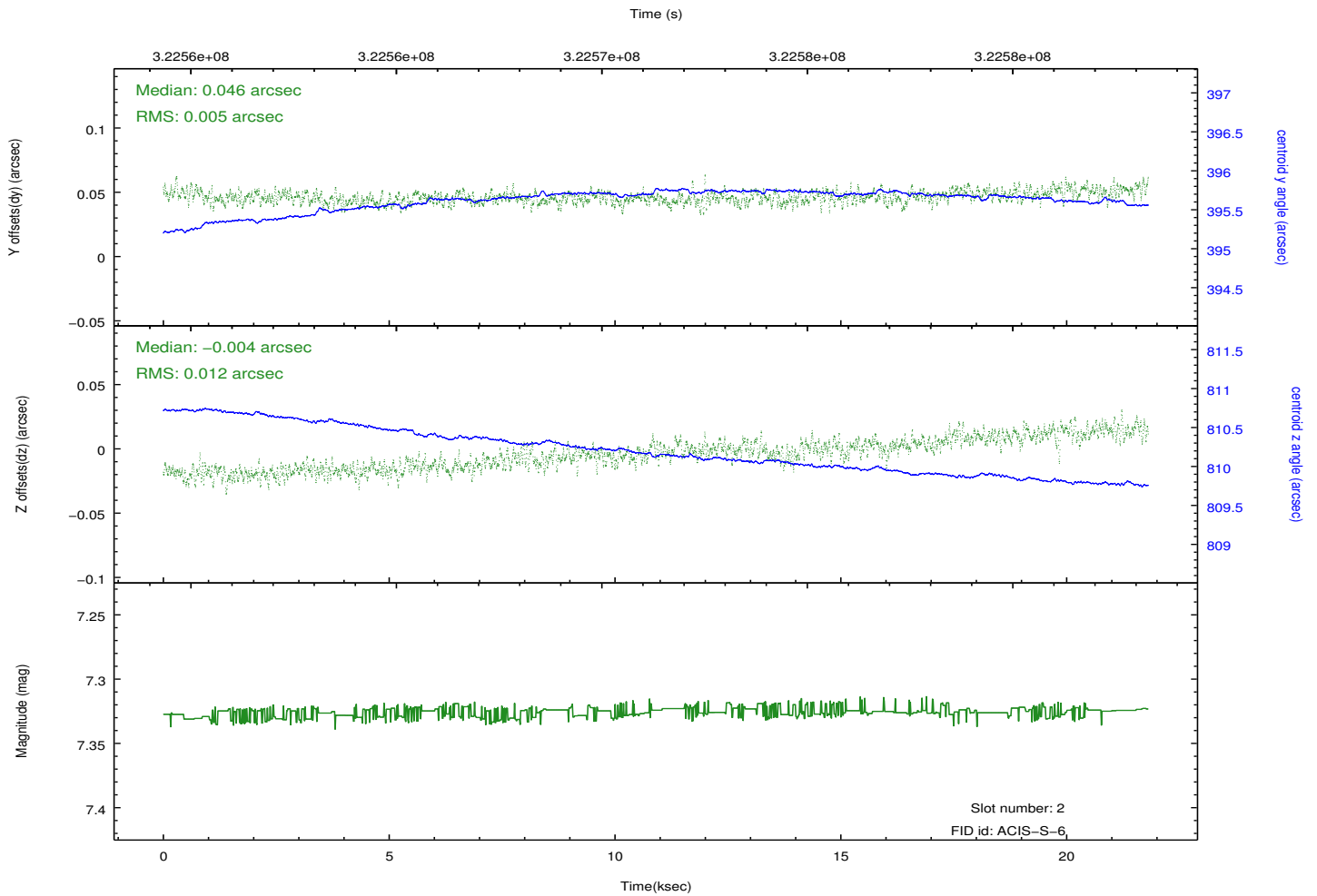
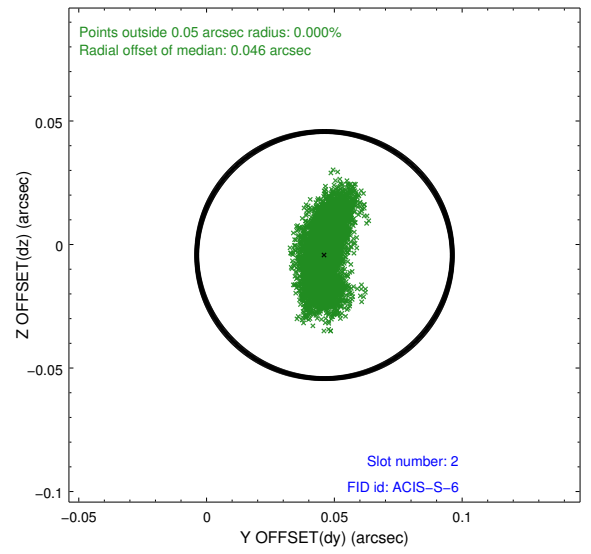
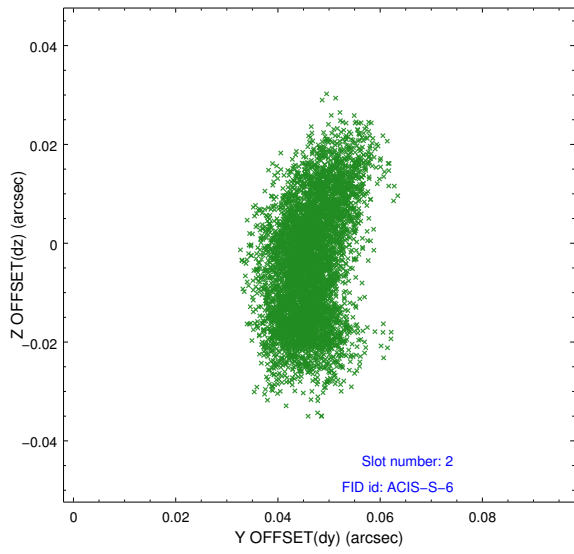
2.5.2 Slot 1



Time (s)



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	21.81

A.2 Comments

Joint Proposal: NRAO. Monitor constraint met.