

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10629 - L2 Version 3
Chandra X-Ray Center

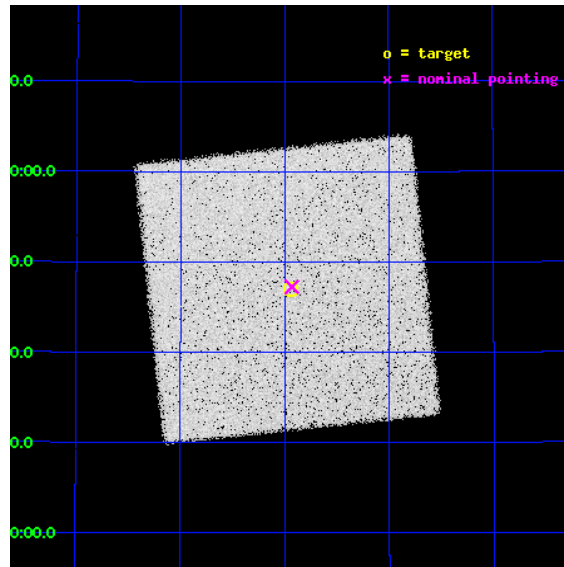
L2 Processing Date : Aug 13 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

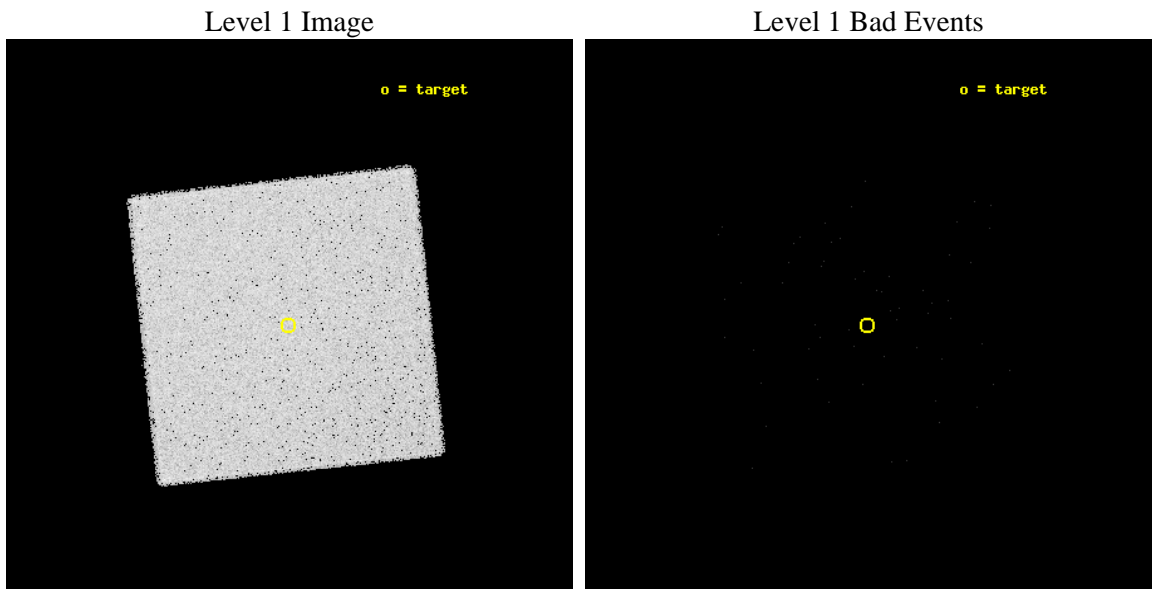
seq_num	290865	Sequence number
obs_id	10629	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23305939014	Nominal RA [deg]
dec_nom	38.787665918449	Nominal Dec [deg]
roll_nom	128.92302080903	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.5813589096	[s]
liveltime	2160.6076172612	Ontime multiplied by DTCOR
l2events	159342	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2186.5813589096	[s]
caldbver	4.5.1.1	 	l1events	309889	Number of level 1 events
date	2012-08-13T04:49:37	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

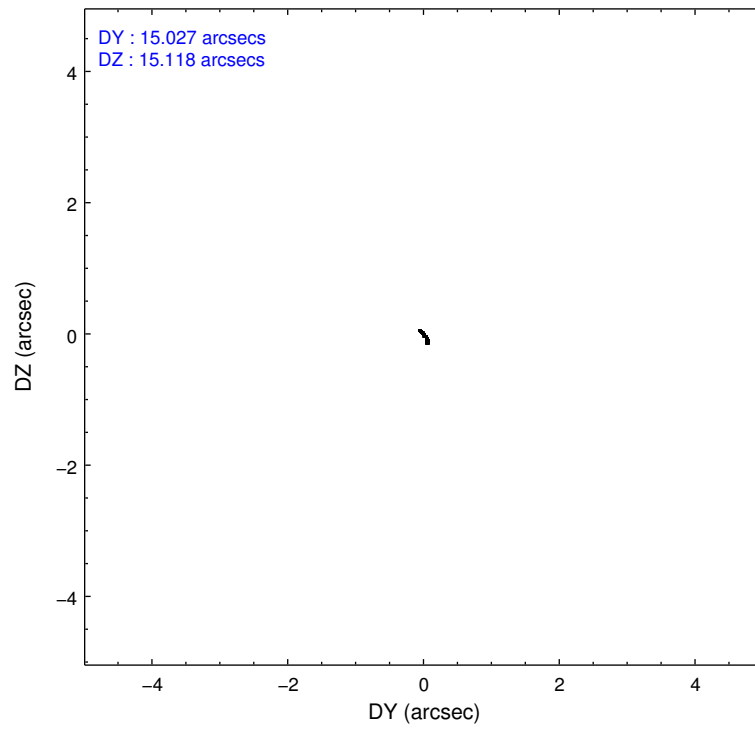
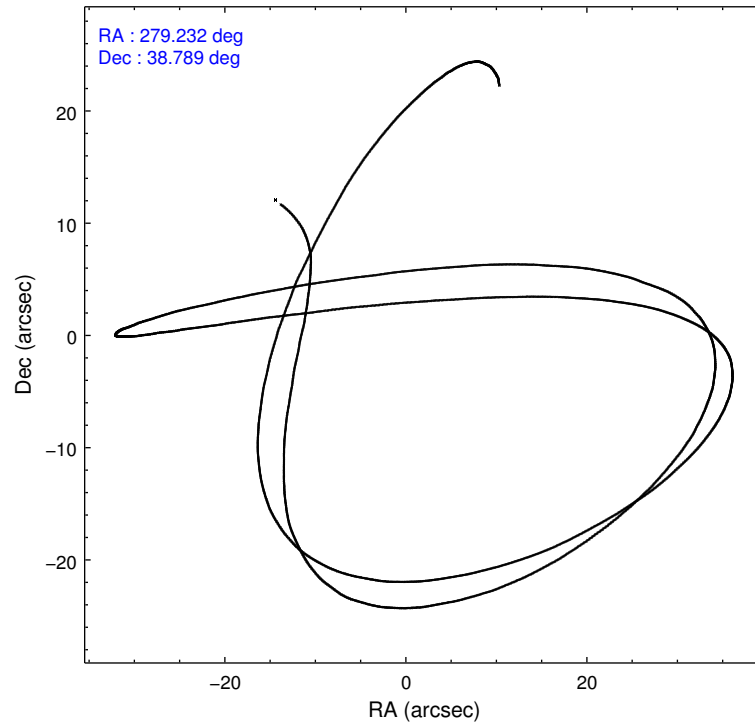
Level 1 Events

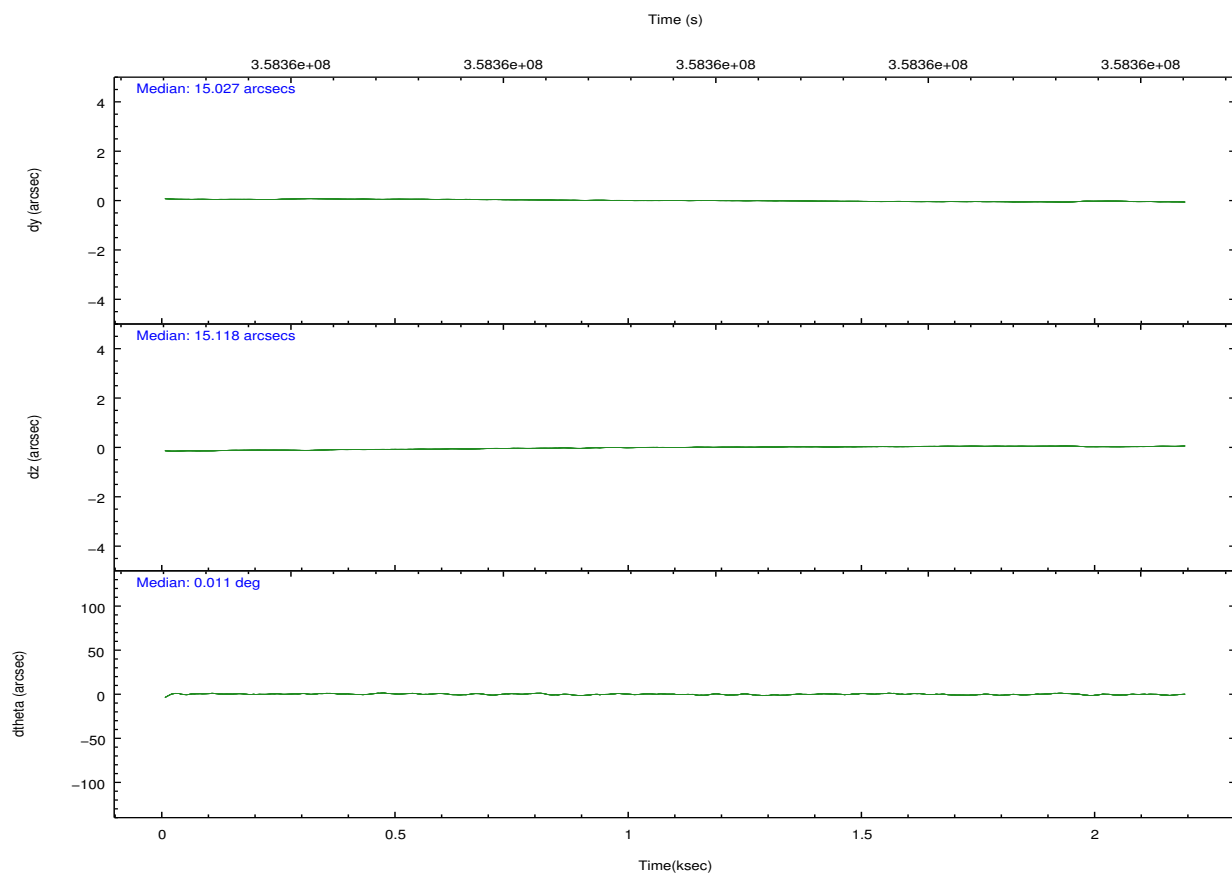
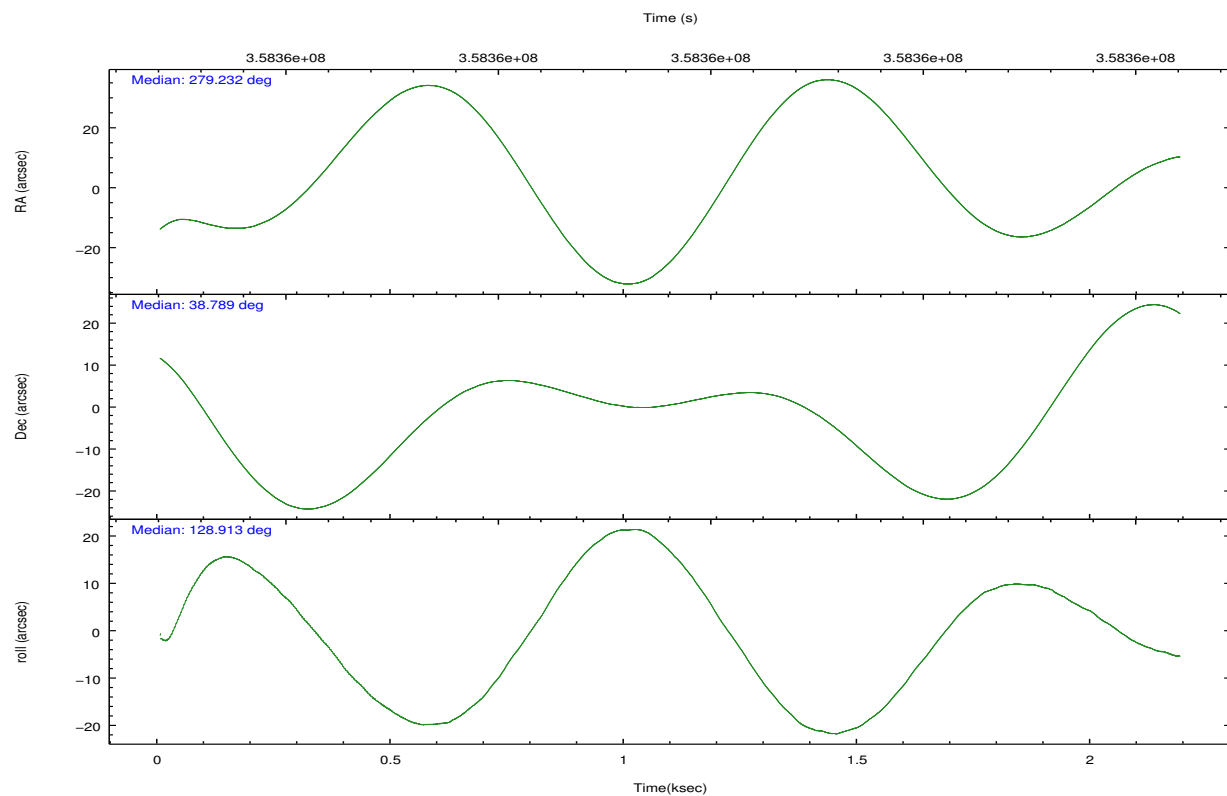
	segment 0
level 1 events	309889
rejected events	78245
rejected %	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.266227	279.2330593901439			
[deg] Pointing Dec	38.778614	38.7876659184489			
[deg] Pointing Roll	128.997828	128.9230208090344			
[s] Window start time (MET)	352252866.184000	352252866.184000			
[s] Window stop time (MET)	360115266.184000	360115266.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	358356994.184000	358356084.80384			
Observation start date	2009-05-10T15:35:28	2009-05-10T15:21:24			
[s] Observation end time (MET)	358358994.184000	358359131.6165			
Observation end date	2009-05-10T16:08:48	2009-05-10T16:12:11			

2.3 Aspect



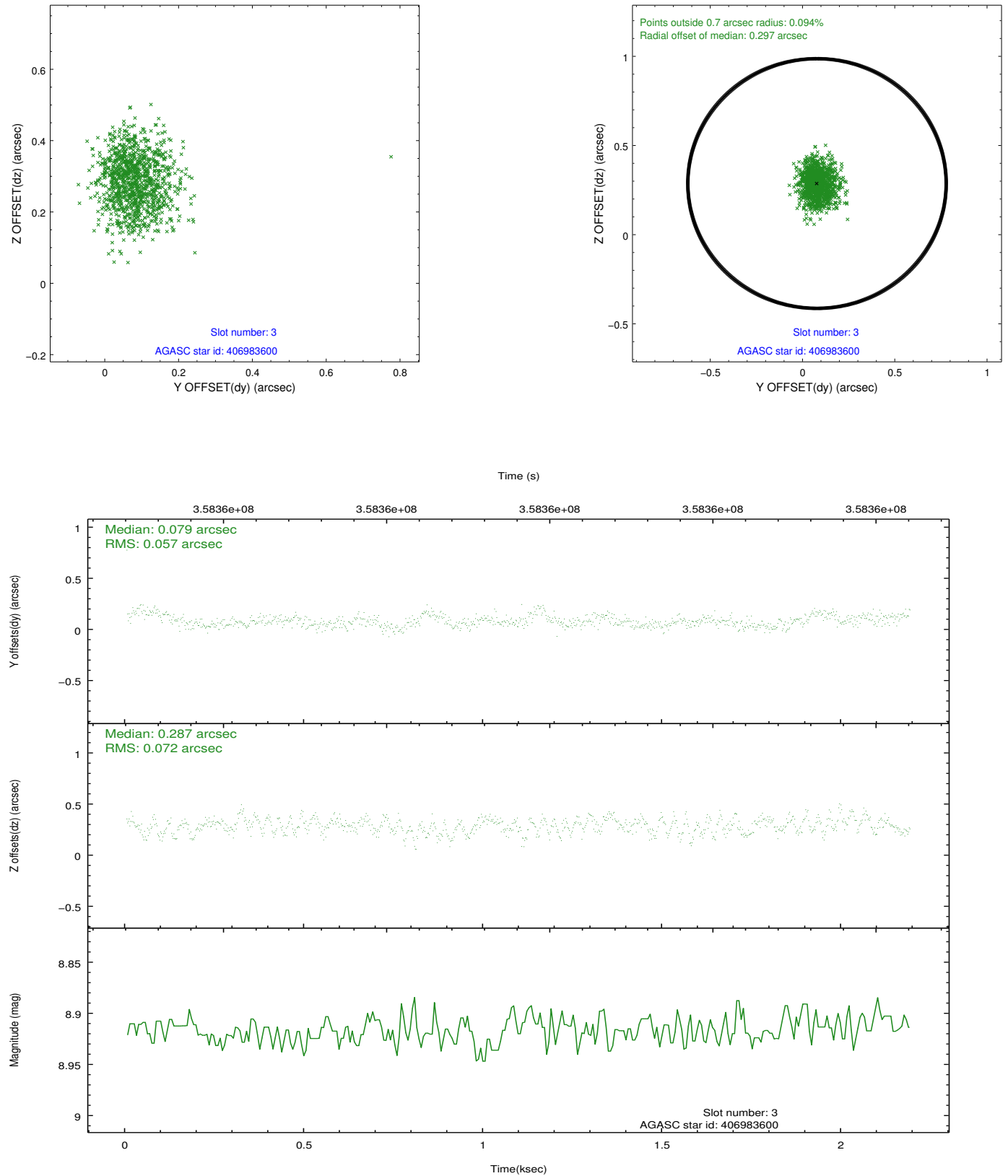


Slot Statistics

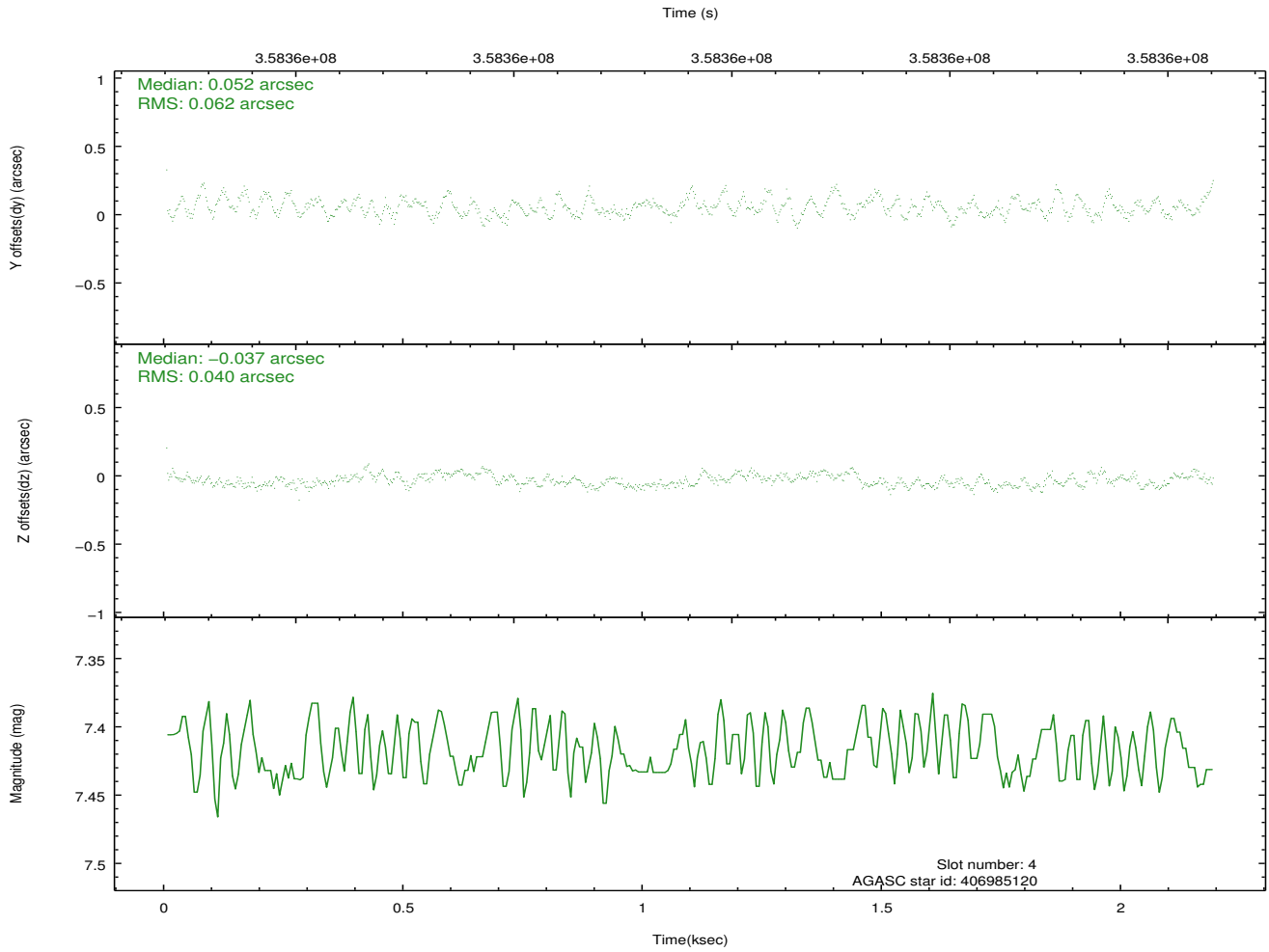
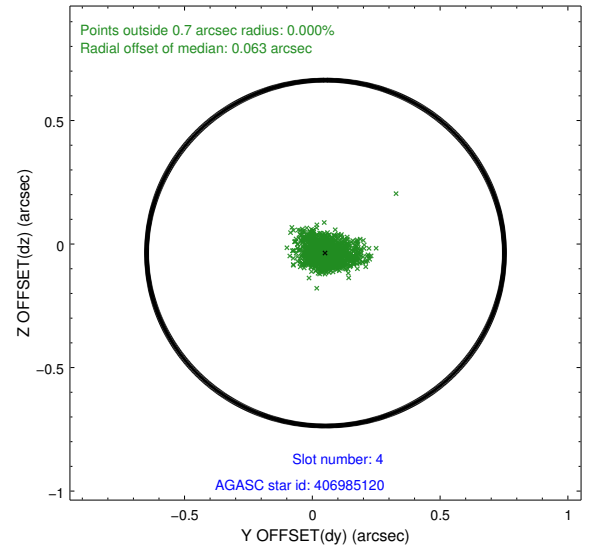
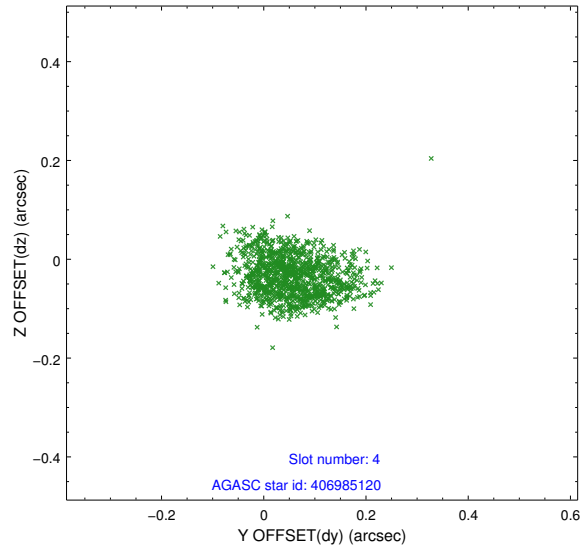
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	534	-0.145	-0.069	0.006	0.010	0.000000	0.000000	-771.03	-1303.22
1	FID	HRC-I-2	7.04	534	0.188	-0.051	0.007	0.013	0.000000	0.000000	840.49	-1307.27
2	FID	HRC-I-4	7.02	534	0.073	0.027	0.005	0.010	0.000000	0.000000	1273.64	996.52
3	GUIDE	406983600	8.92	1066	0.079	0.287	0.097	0.153	279.940957	39.020708	-505.52	-2020.30
4	GUIDE	406985120	7.42	1068	0.052	-0.037	0.076	0.128	278.839732	38.894839	1078.84	661.10
5	GUIDE	406993992	7.64	1068	0.113	-0.122	0.080	0.124	279.053714	38.034587	-1701.58	2152.65
6	GUIDE	407521232	8.64	1068	-0.147	0.253	0.093	0.160	279.628883	39.431715	1192.99	-2262.90
7	GUIDE	406987272	6.94	1067	-0.100	-0.386	0.069	0.122	278.536588	38.437504	347.94	2363.23

2.4 Star Slots

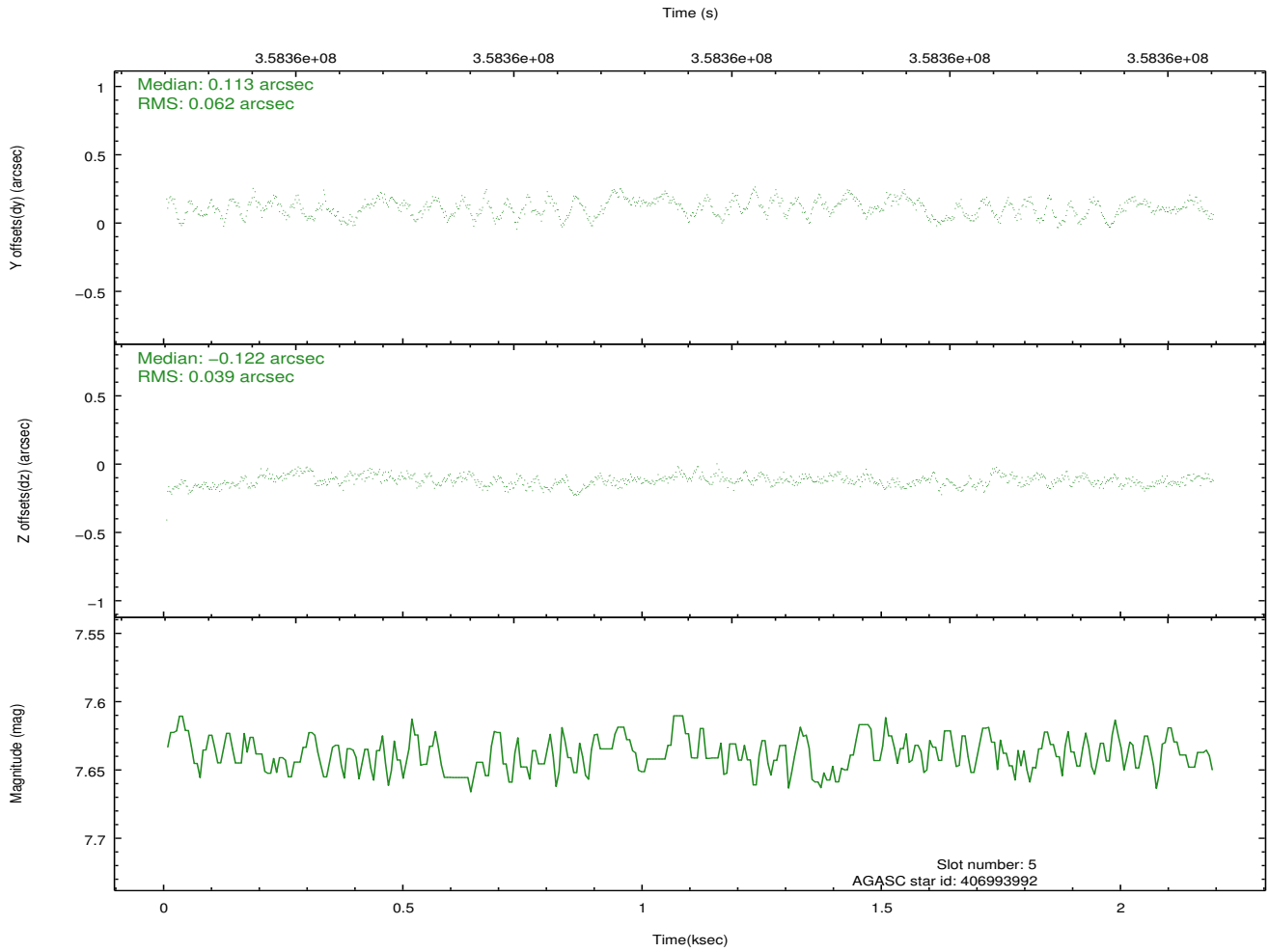
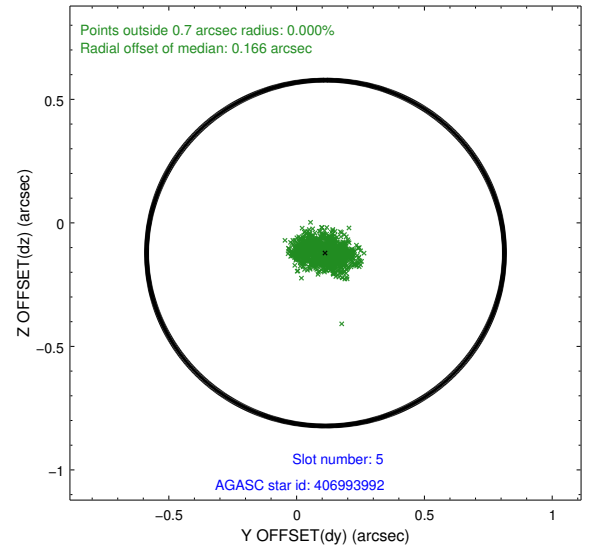
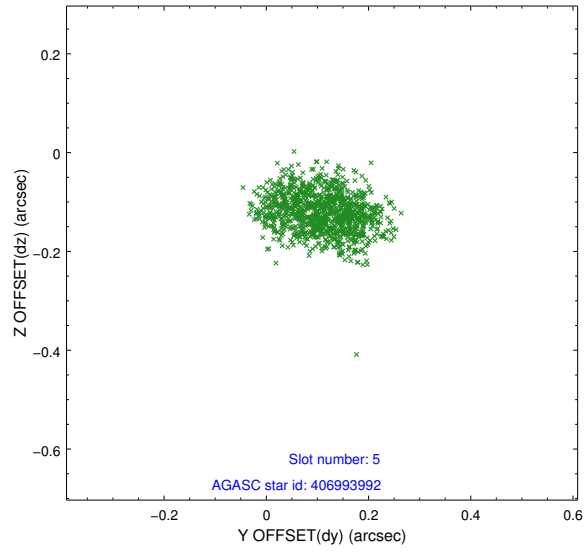
2.4.1 Slot 3



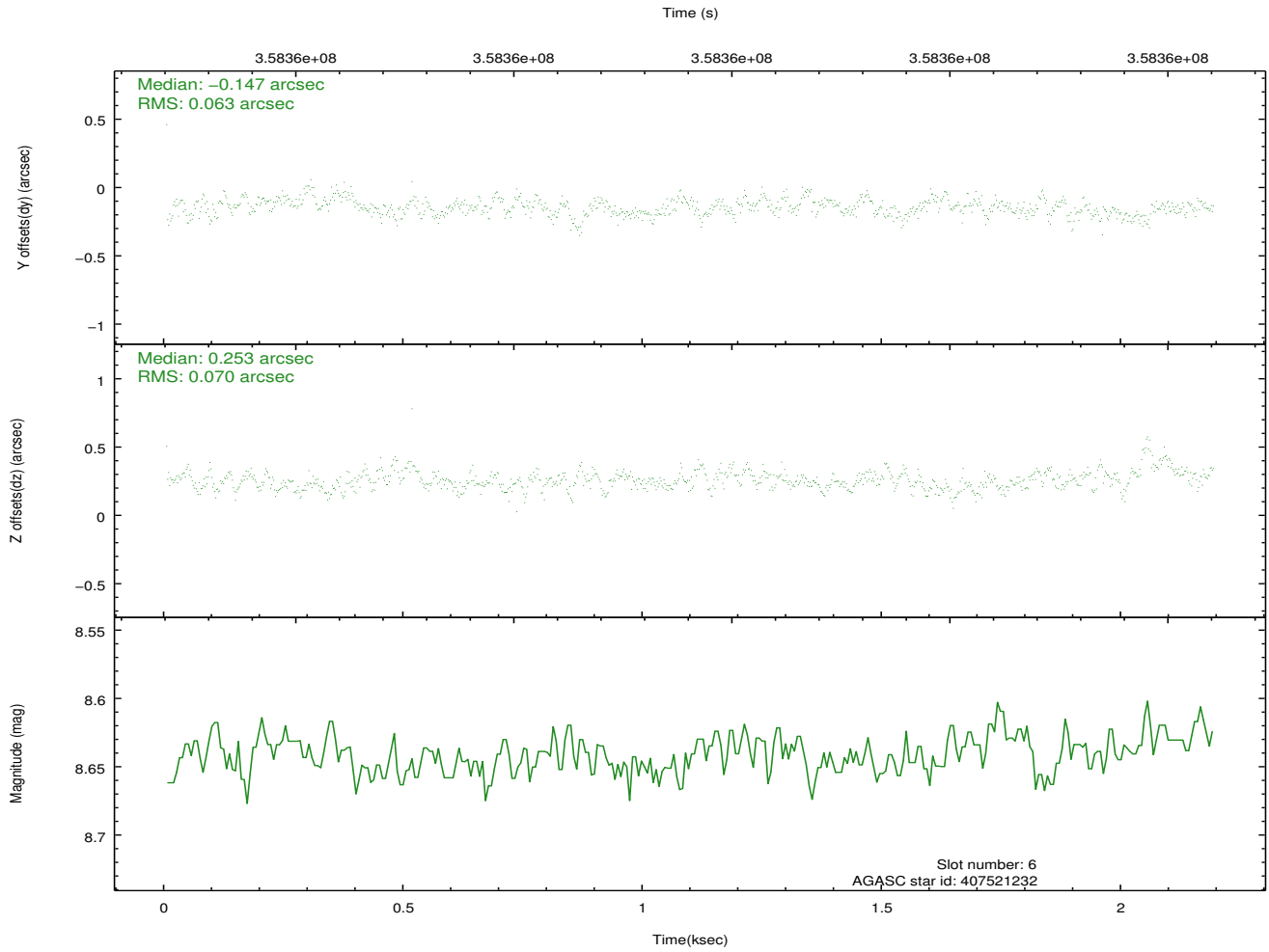
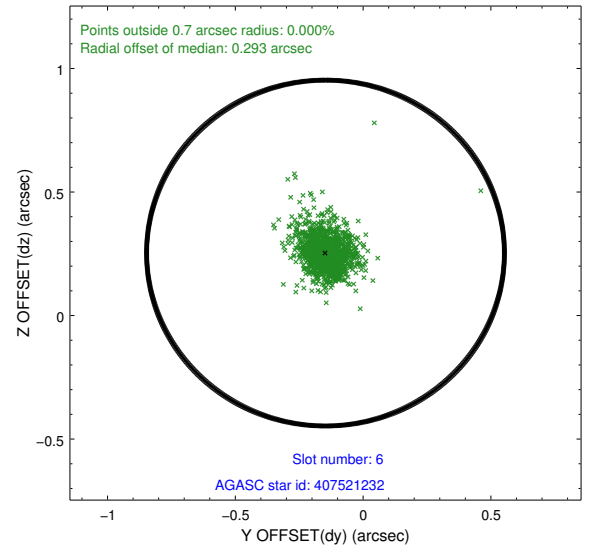
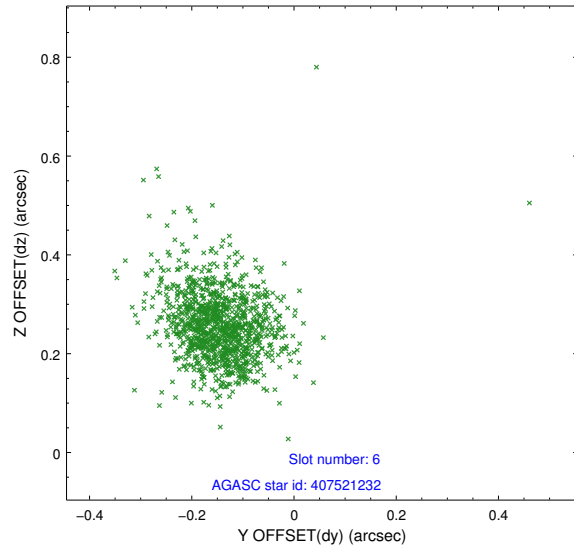
2.4.2 Slot 4



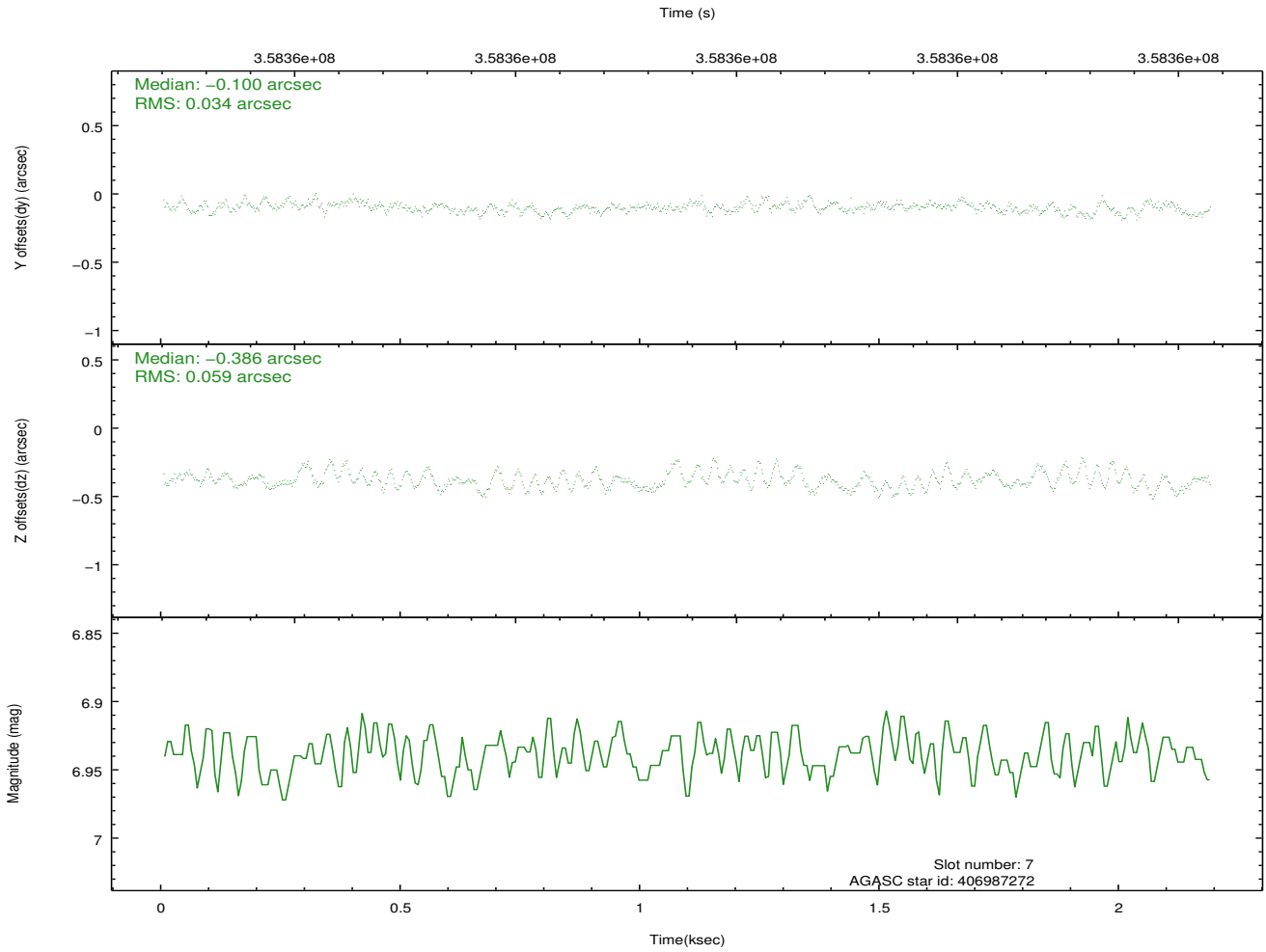
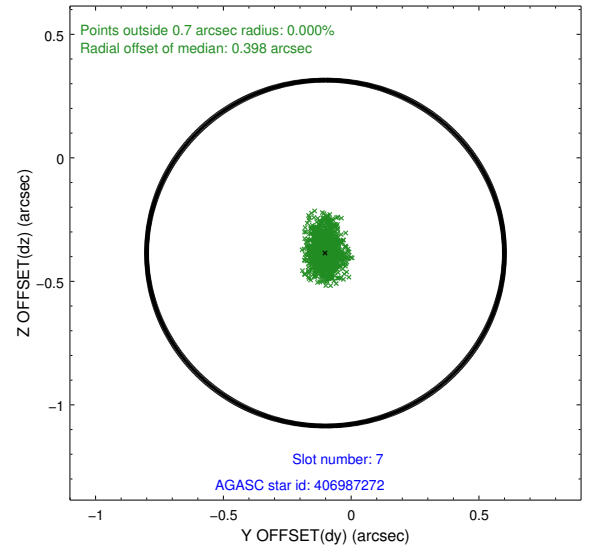
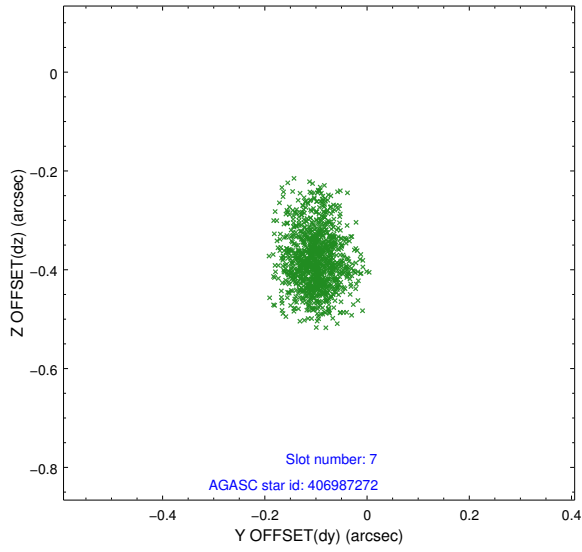
2.4.3 Slot 5



2.4.4 Slot 6

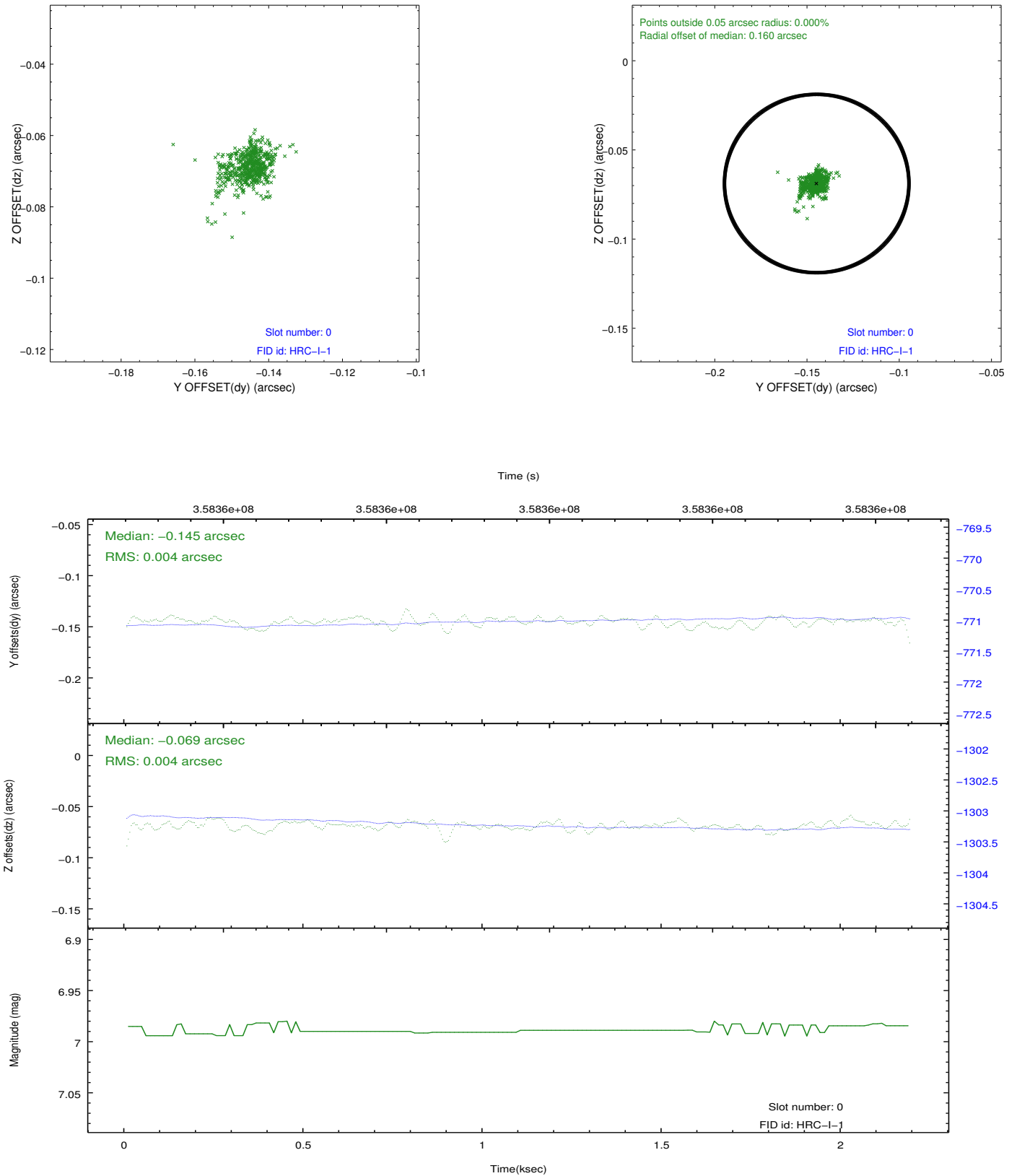


2.4.5 Slot 7

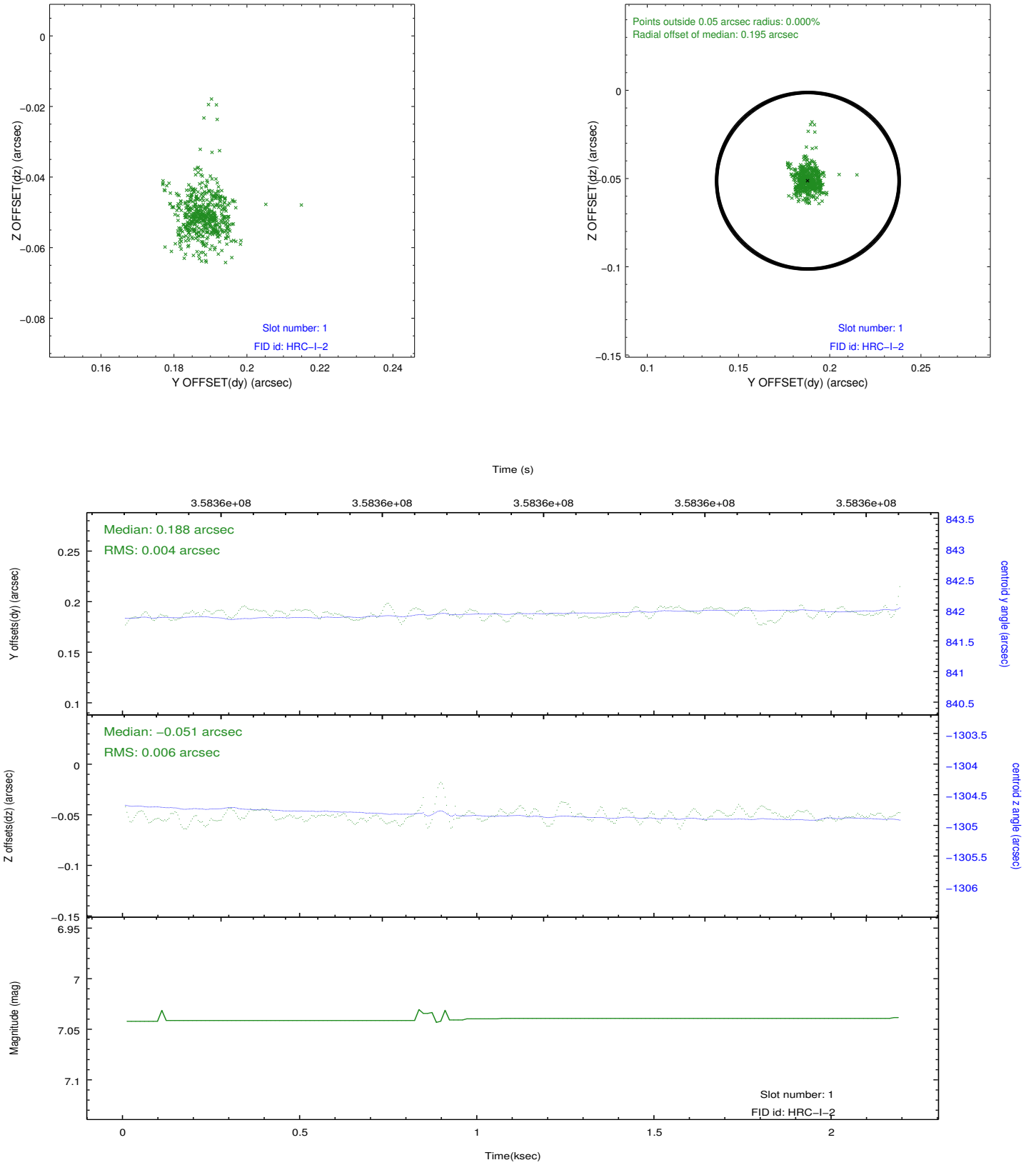


2.5 FID Slots

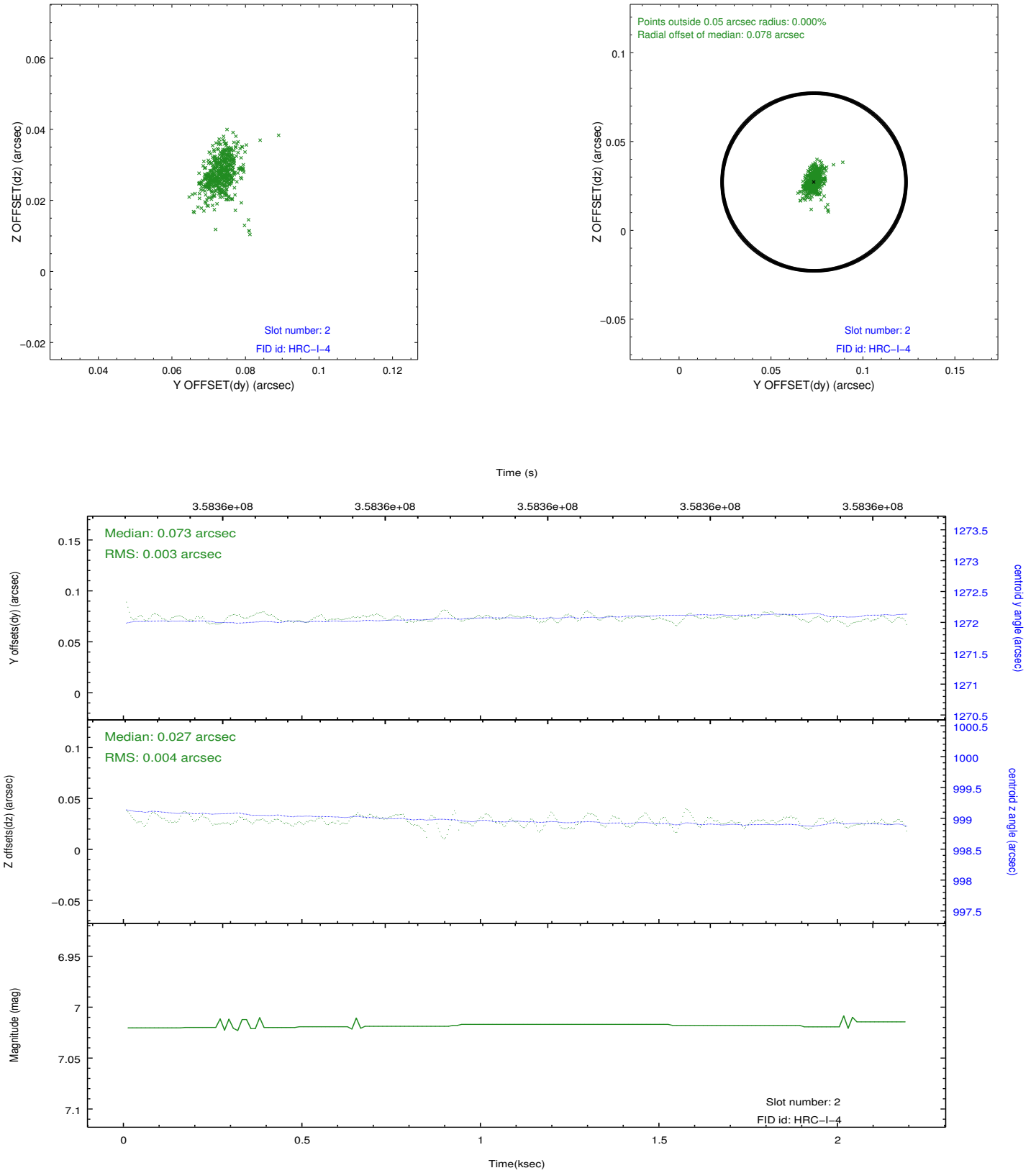
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18658135

A.2 Comments

Window preference met.