

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11942 - L2 Version 2
Chandra X-Ray Center

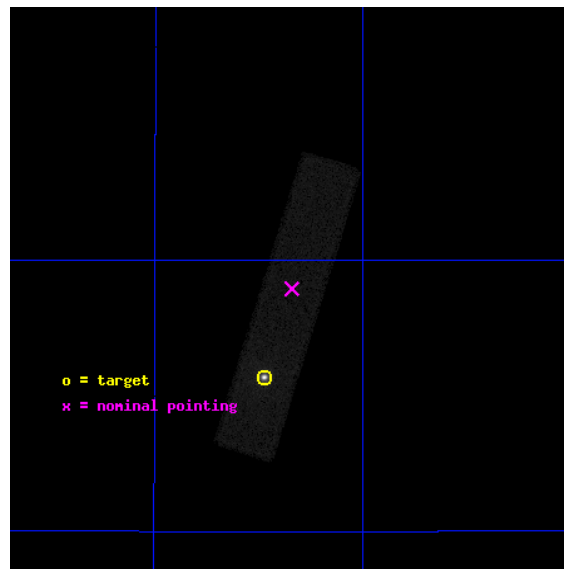
L2 Processing Date : Jun 27 2012

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1 Front

seq_num	290931	Sequence number
obs_id	11942	Observation id
title	AO-11 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	279.16999089998	Nominal RA [deg]
dec_nom	38.947948086191	Nominal Dec [deg]
roll_nom	107.16826788972	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1185.9250603318	[s]
livetime	958.6931768699	Ontime multiplied by DTCOR
l2events	206836	Number of level 2 events

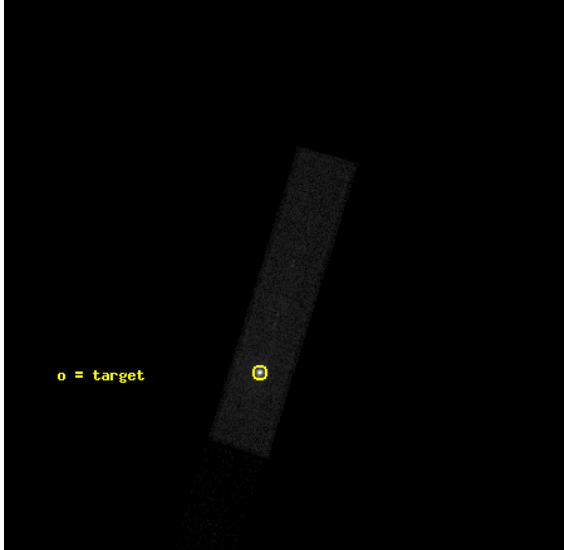


2 OBI

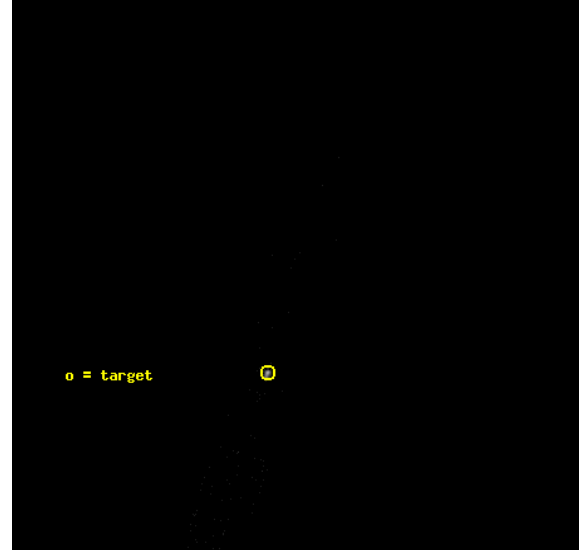
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1185.9250603318	[s]
caldsver	4.5.0	 	l1events	287948	Number of level 1 events
date	2012-06-27T18:12:47	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

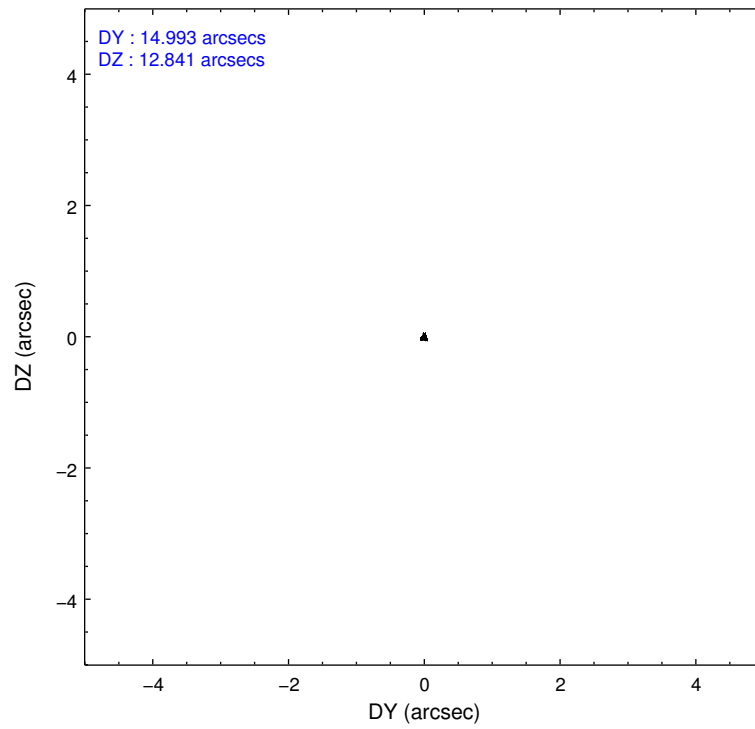
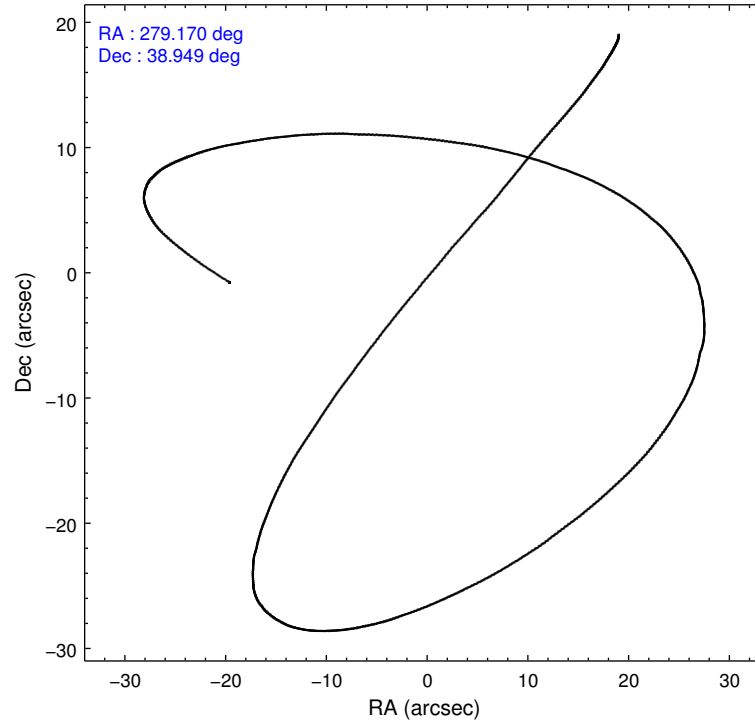
Level 1 Events

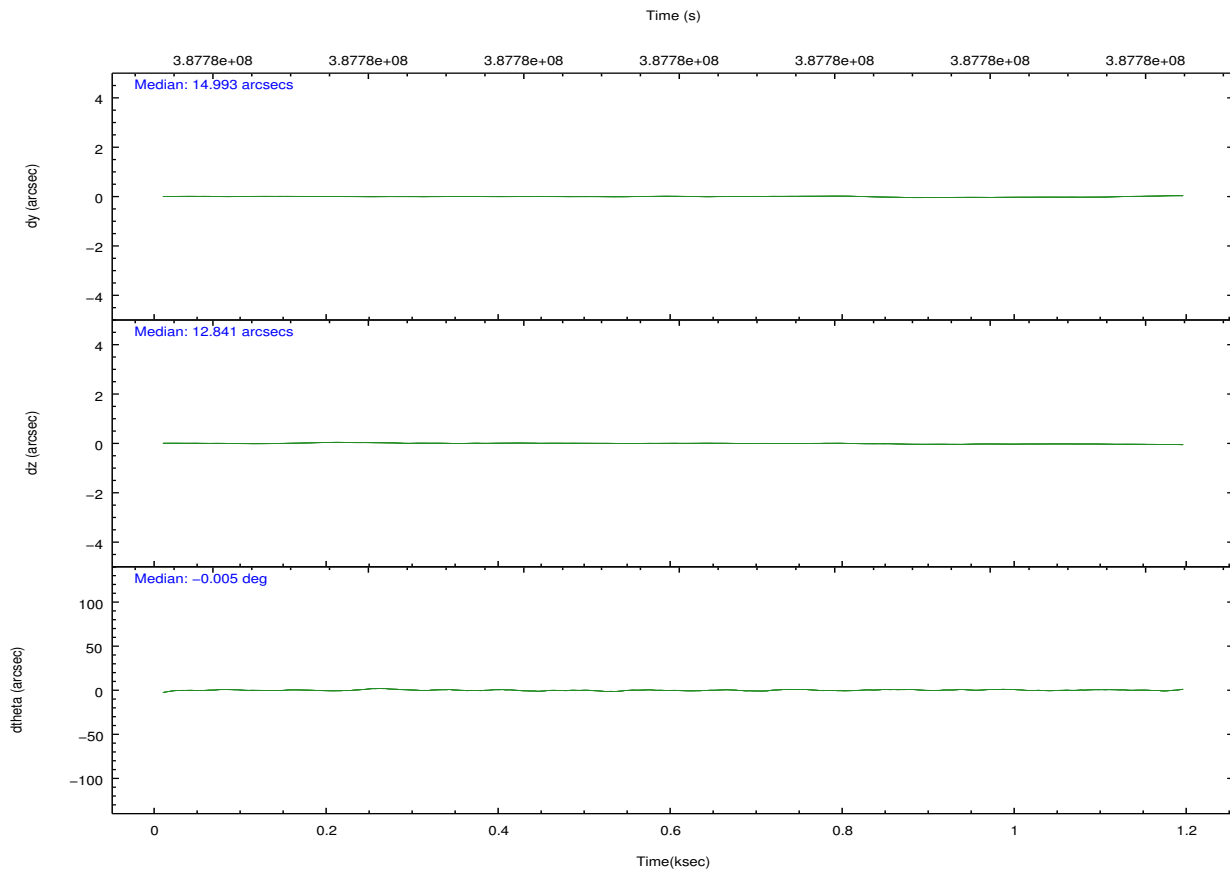
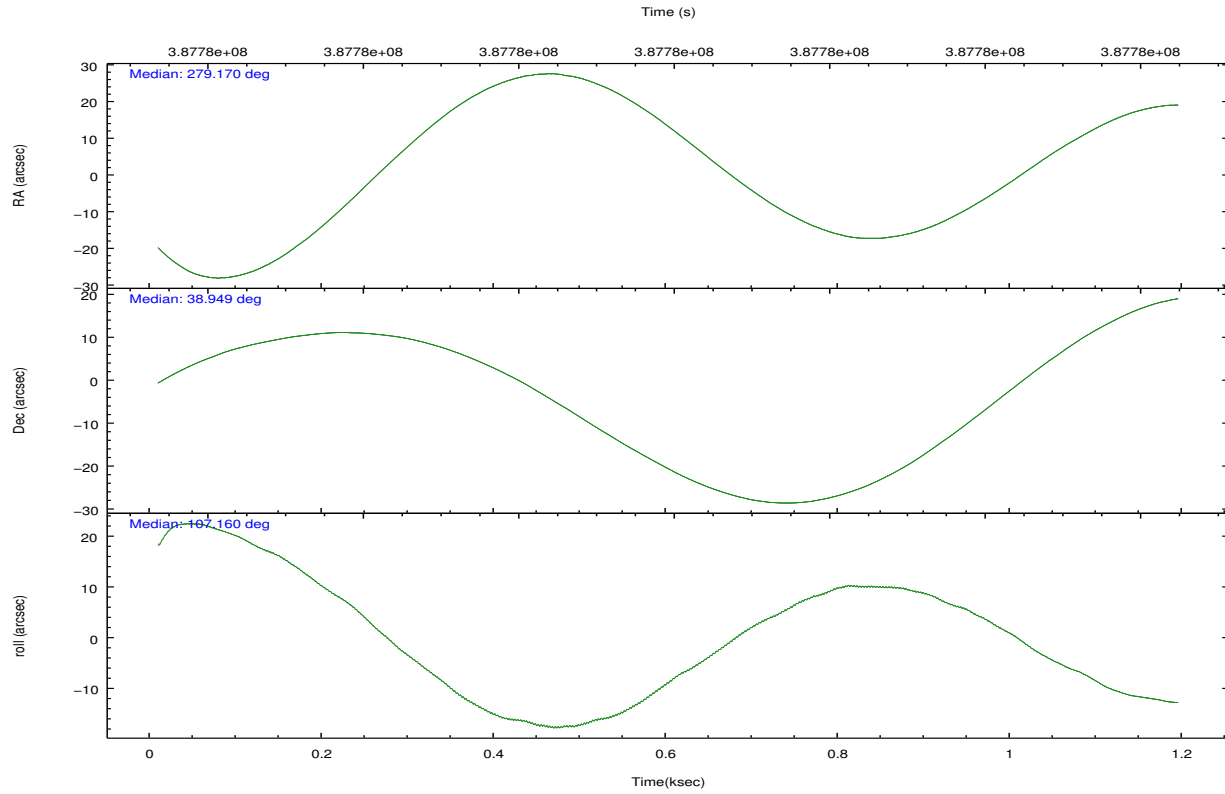
	segment 1	segment 2	segment 3
level 1 events	5656	281635	657
rejected events	5656	62963	657
rejected %	100%	22%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.198696	279.1699908999794			
[deg] Pointing Dec	38.929218	38.94794808619142			
[deg] Pointing Roll	107.082806	107.1682678897197			
[s] Window start time (MET)	383788866.184000	383788866.184000			
[s] Window stop time (MET)	391651266.184000	391651266.184000			
[mm] SIM focus pos	-1.533336	-1.526339935833849			
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	387776196.184000	387775430.77228			
Observation start date	2010-04-16T03:35:30	2010-04-16T03:23:50			
[s] Observation end time (MET)	387777196.184000	387777330.09738			
Observation end date	2010-04-16T03:52:10	2010-04-16T03:55:30			

2.3 Aspect



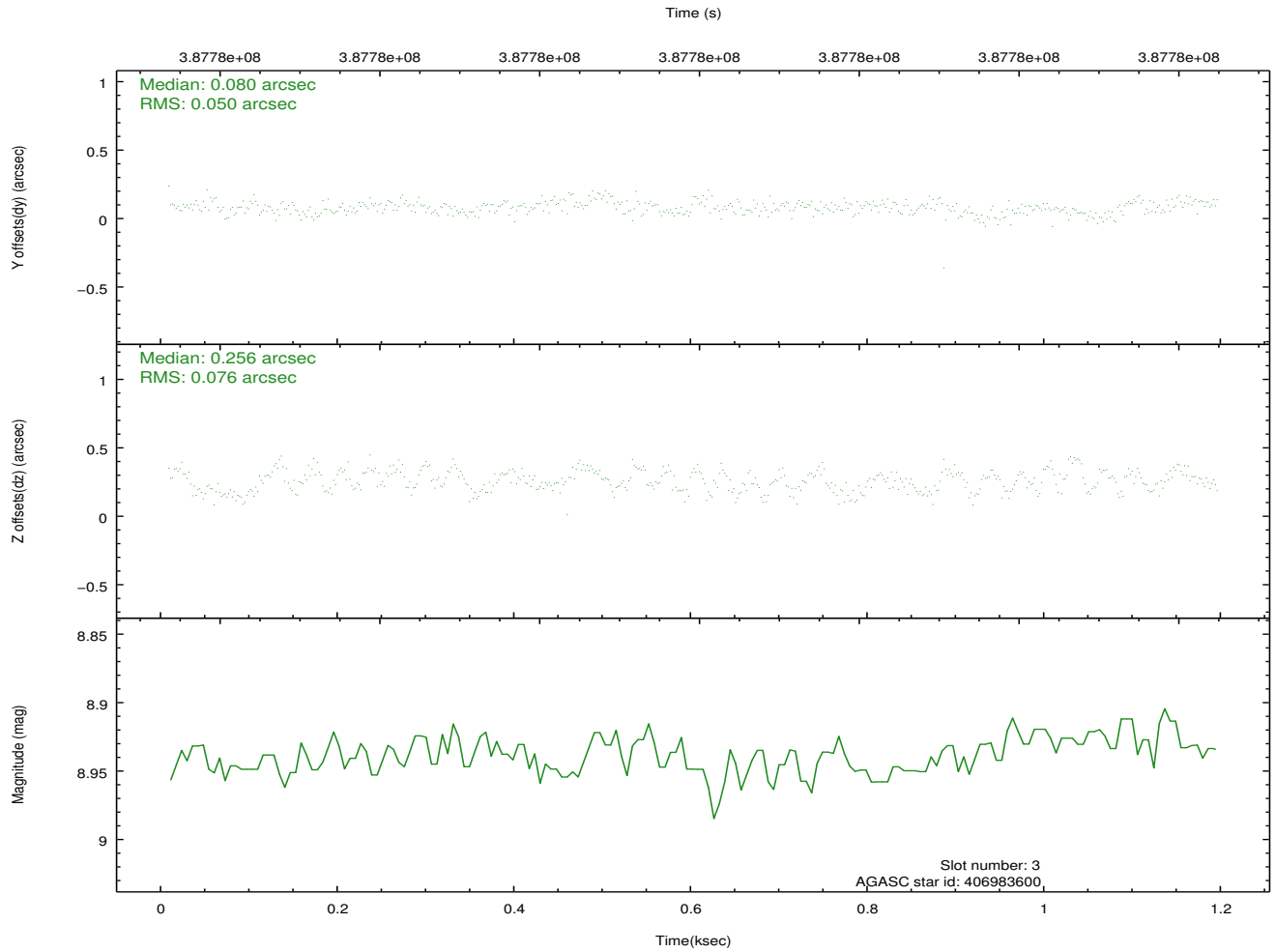
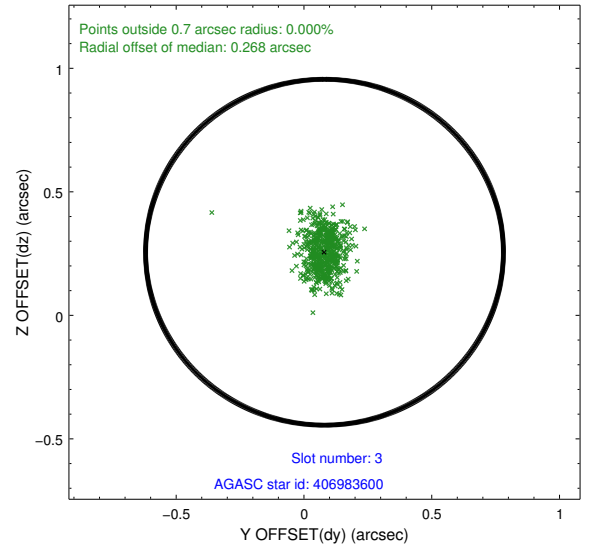
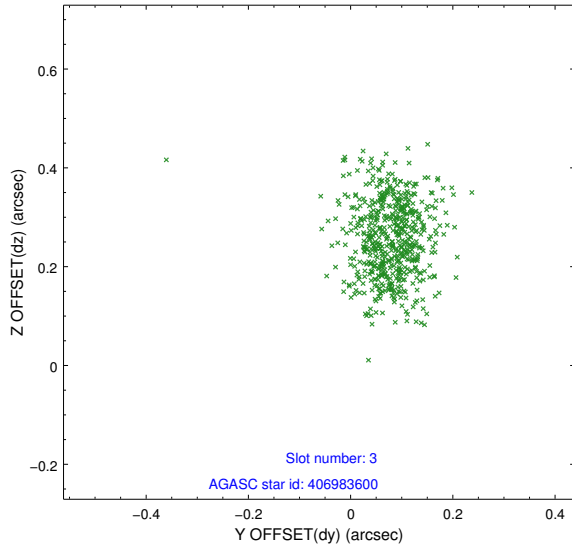


Slot Statistics

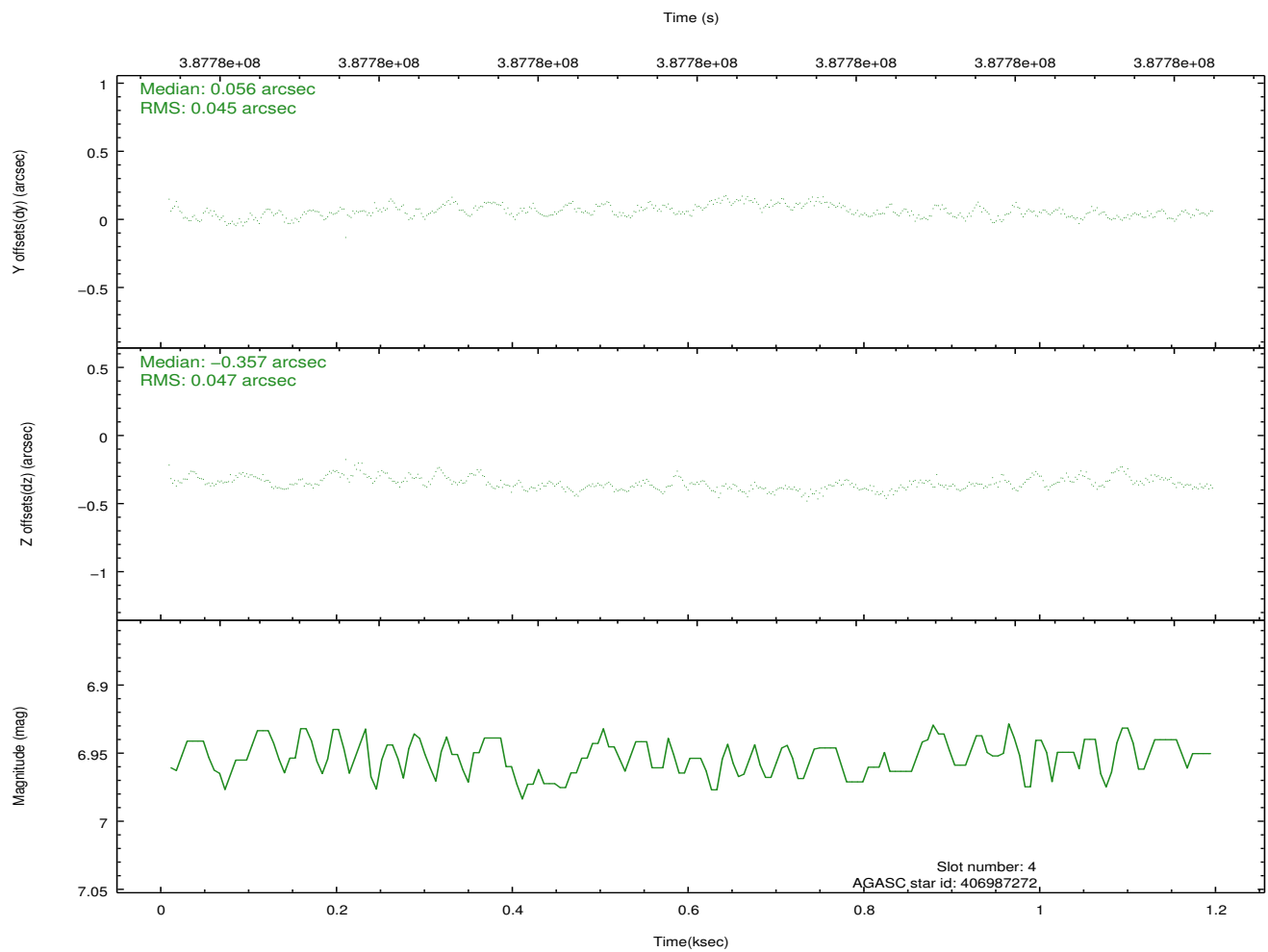
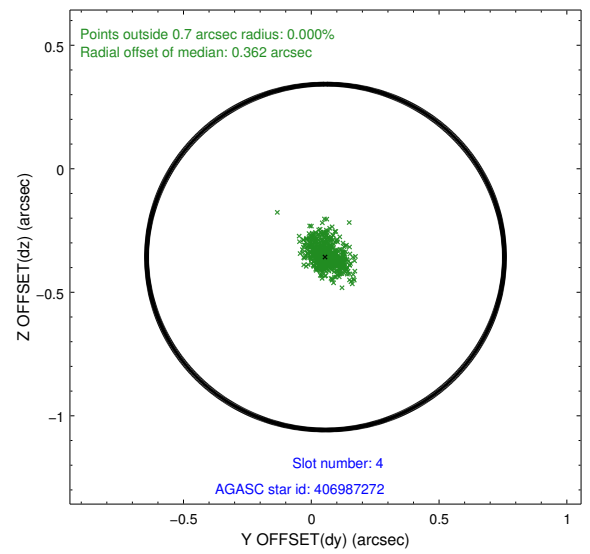
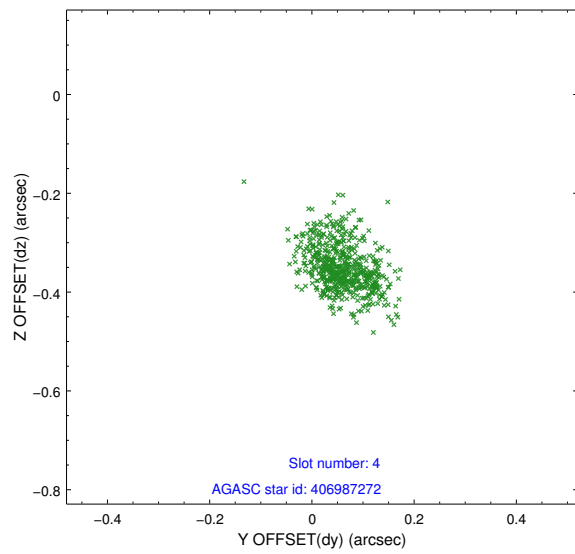
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	290	0.045	-0.123	0.008	0.012	0.000000	0.000000	-1169.41	-461.62
1	FID	HRC-S-2	6.94	290	0.238	-0.109	0.005	0.011	0.000000	0.000000	1226.40	-455.78
2	FID	HRC-S-3	6.97	290	0.109	-0.070	0.007	0.013	0.000000	0.000000	-1167.86	566.38
3	GUIDE	406983600	8.94	580	0.080	0.256	0.095	0.157	279.940957	39.020708	-288.79	-2084.64
4	GUIDE	406987272	6.95	580	0.056	-0.357	0.071	0.110	278.536588	38.437504	-1138.46	2298.17
5	GUIDE	407521232	8.64	580	-0.166	0.166	0.085	0.145	279.628883	39.431715	1377.52	-1671.90
6	GUIDE	406989616	8.22	580	0.107	0.040	0.075	0.111	279.202881	38.520843	-1407.43	417.01
7	GUIDE	407510432	8.15	578	-0.082	-0.098	0.069	0.108	278.762778	39.530640	2424.27	520.53

2.4 Star Slots

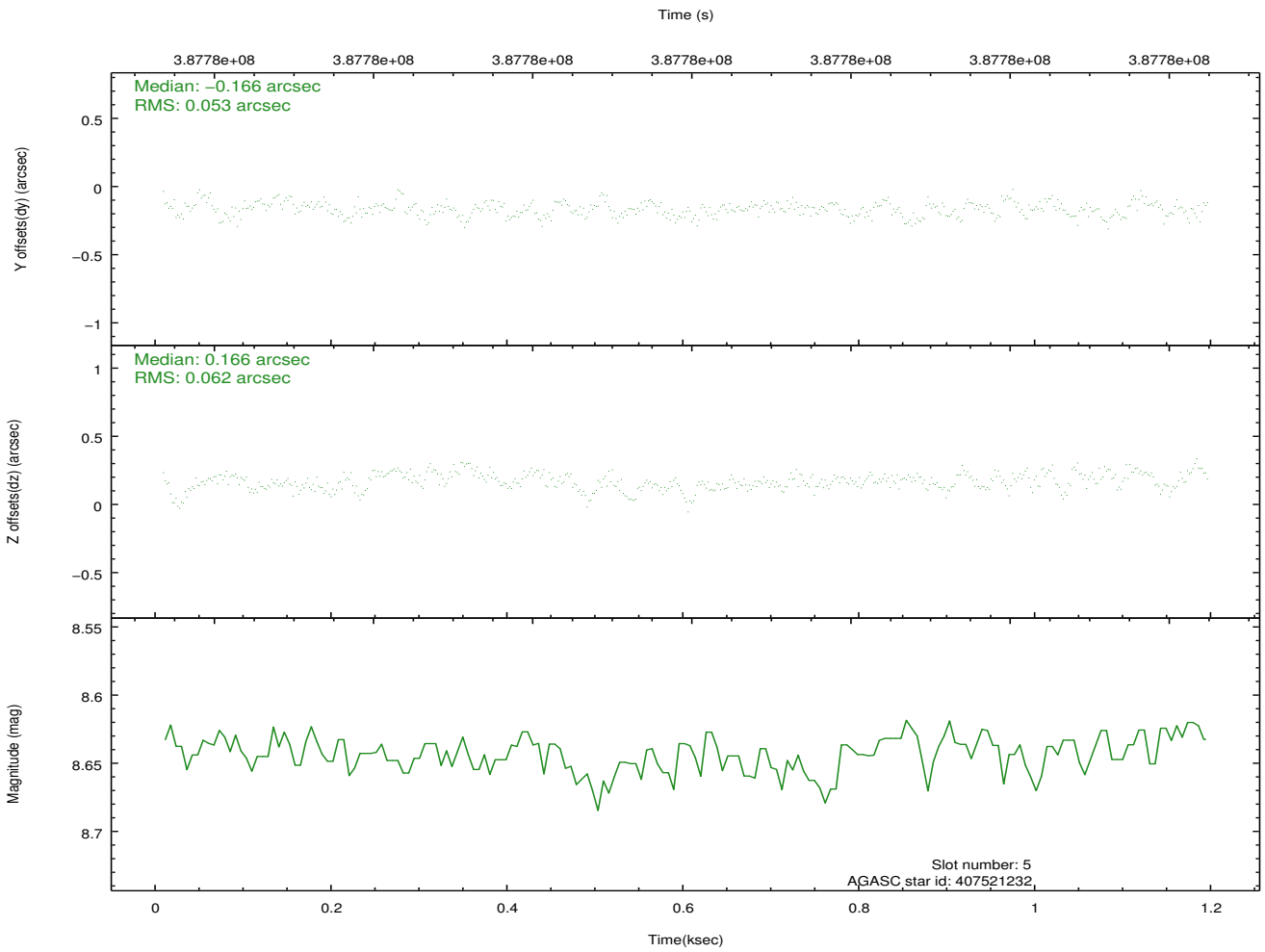
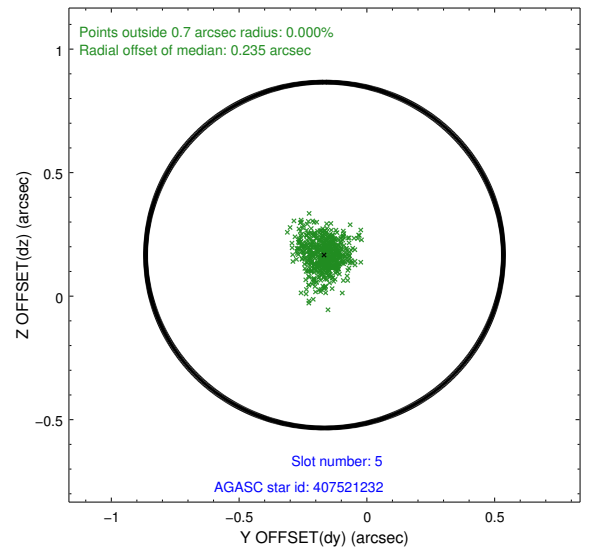
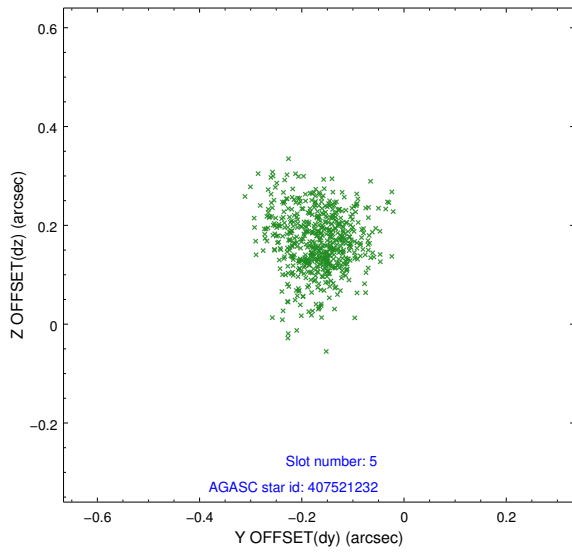
2.4.1 Slot 3



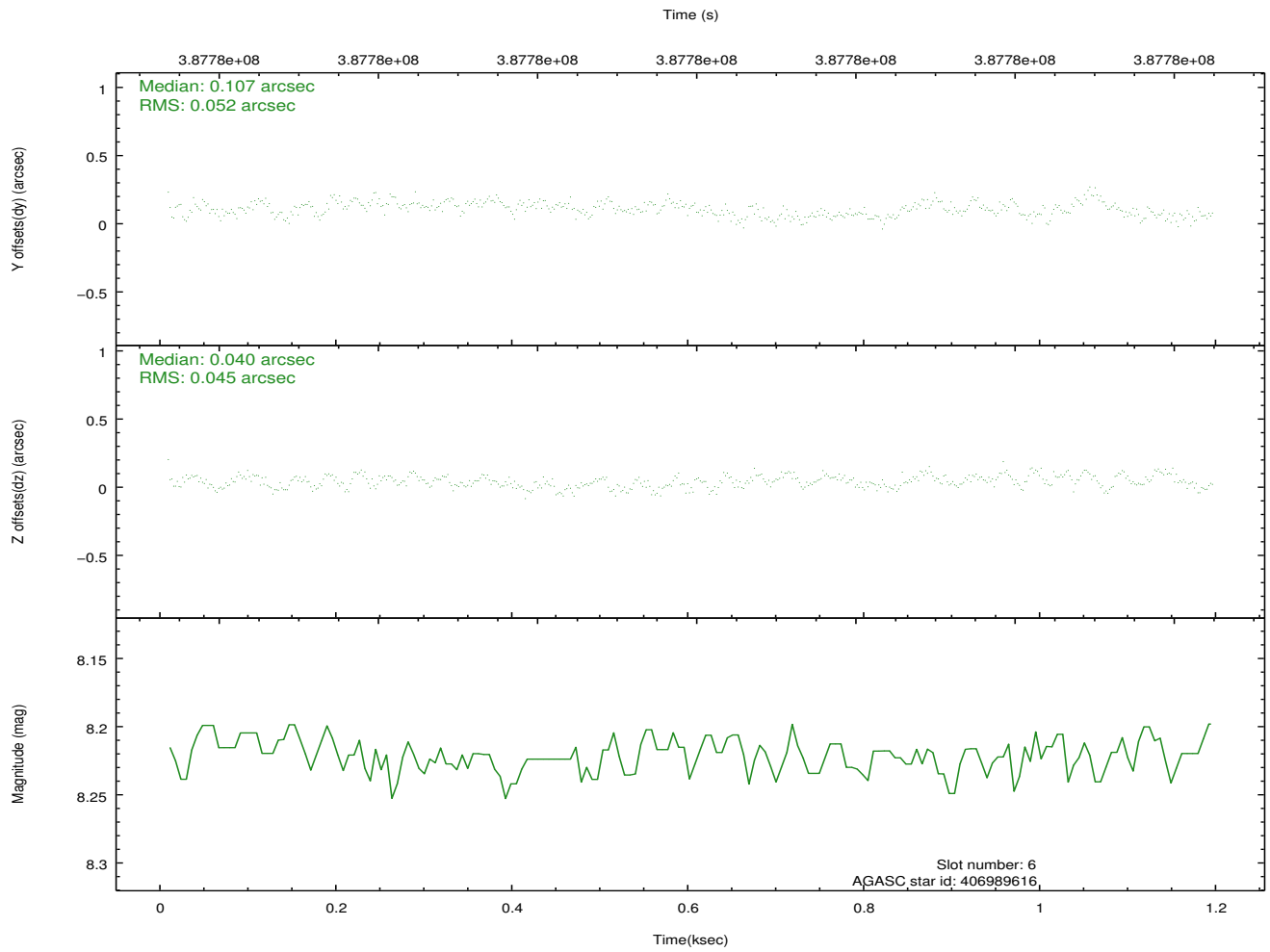
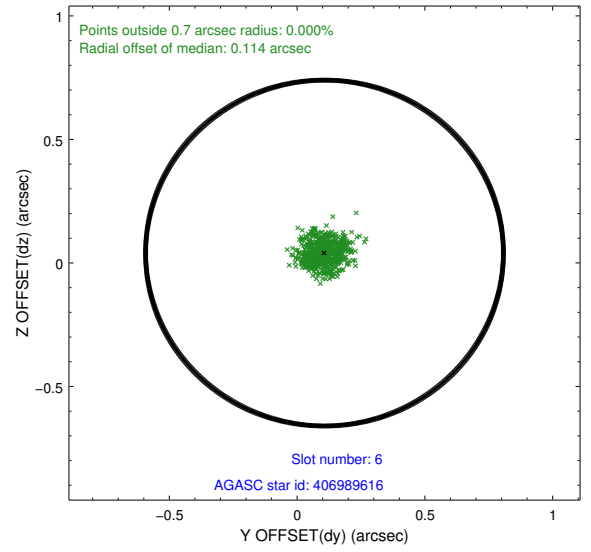
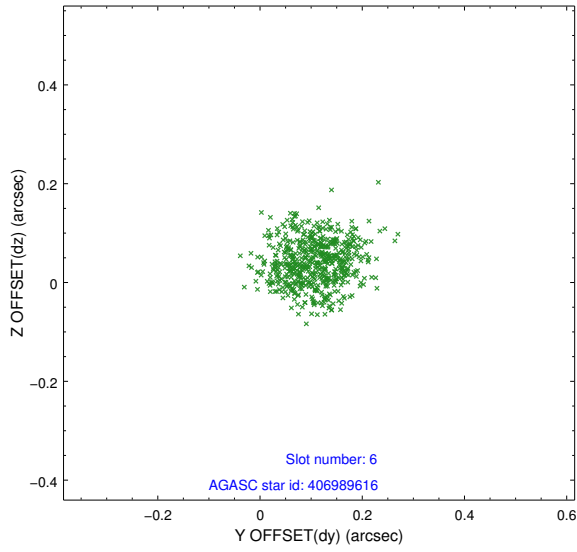
2.4.2 Slot 4



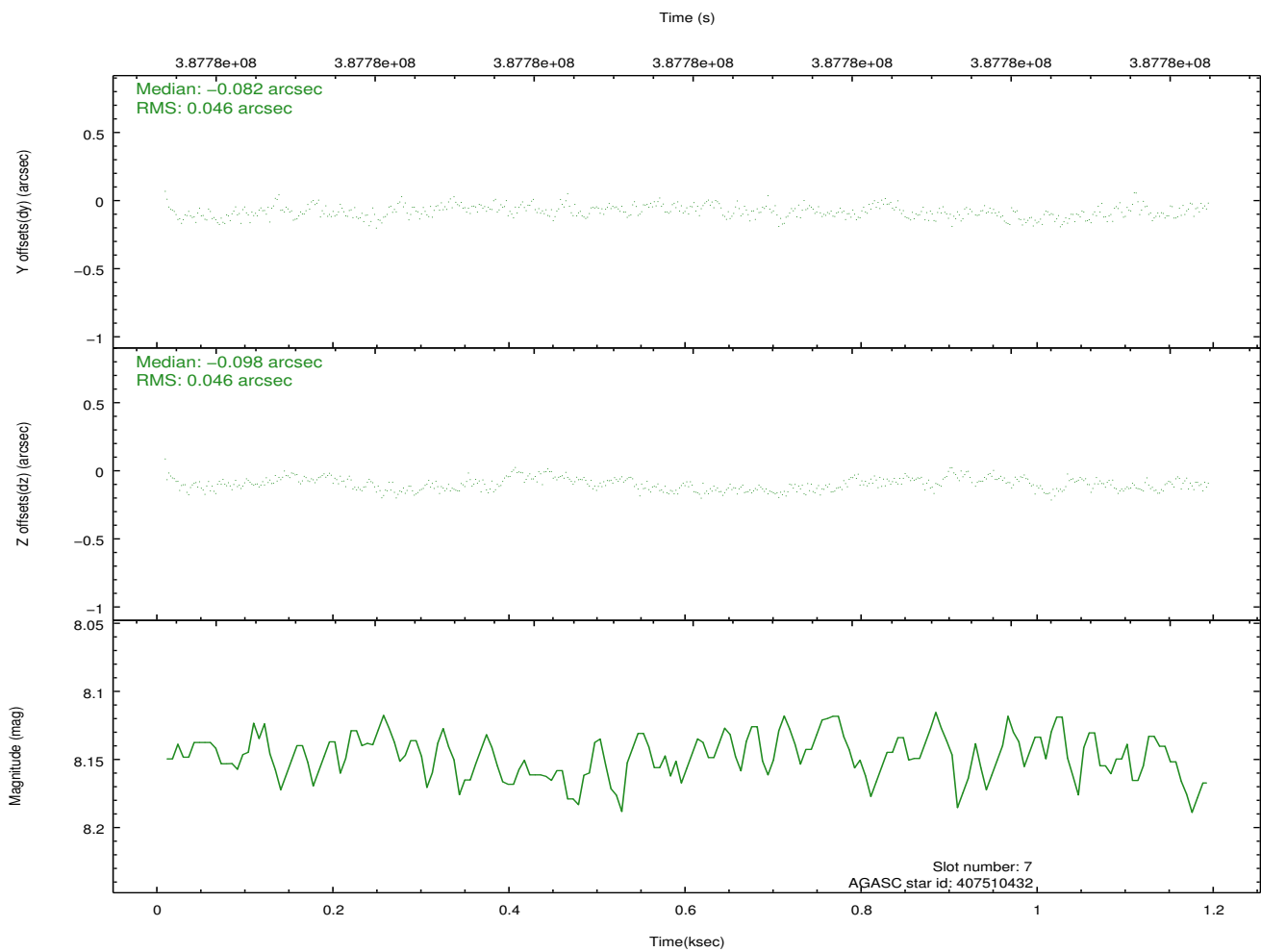
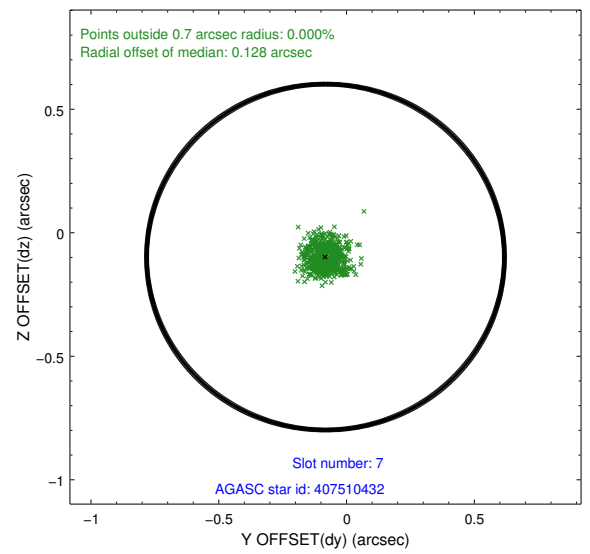
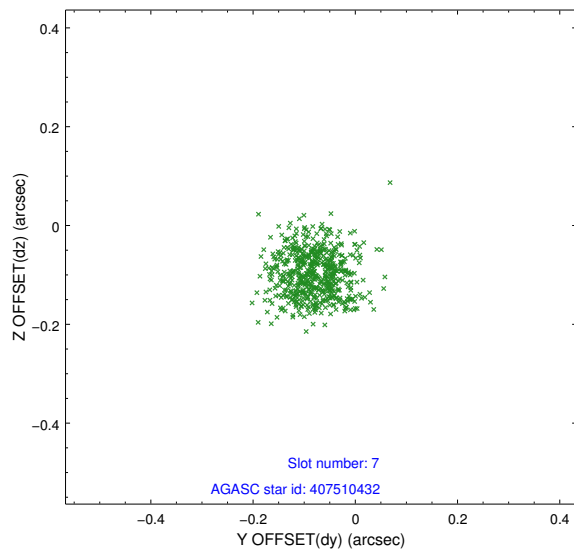
2.4.3 Slot 5



2.4.4 Slot 6

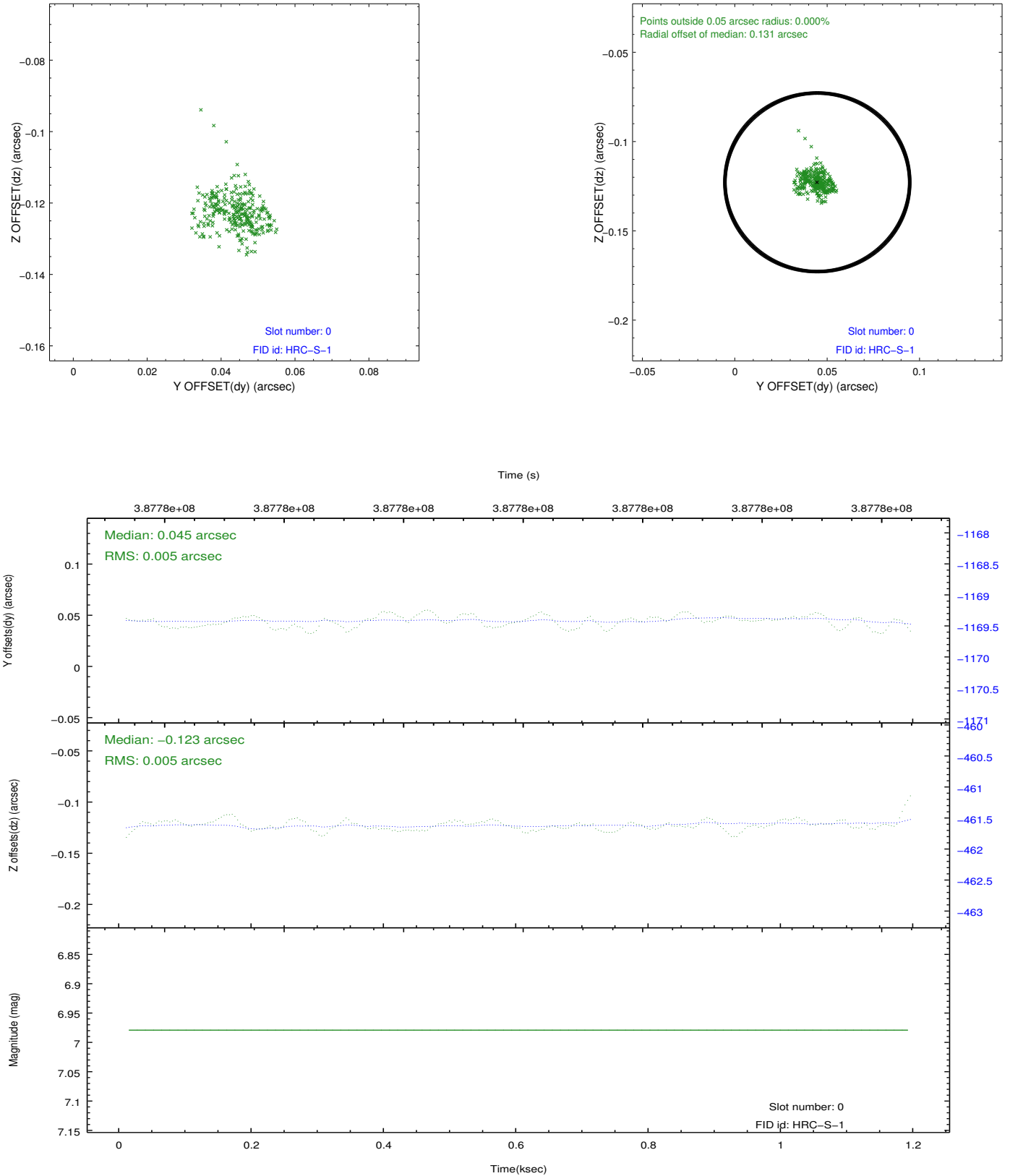


2.4.5 Slot 7

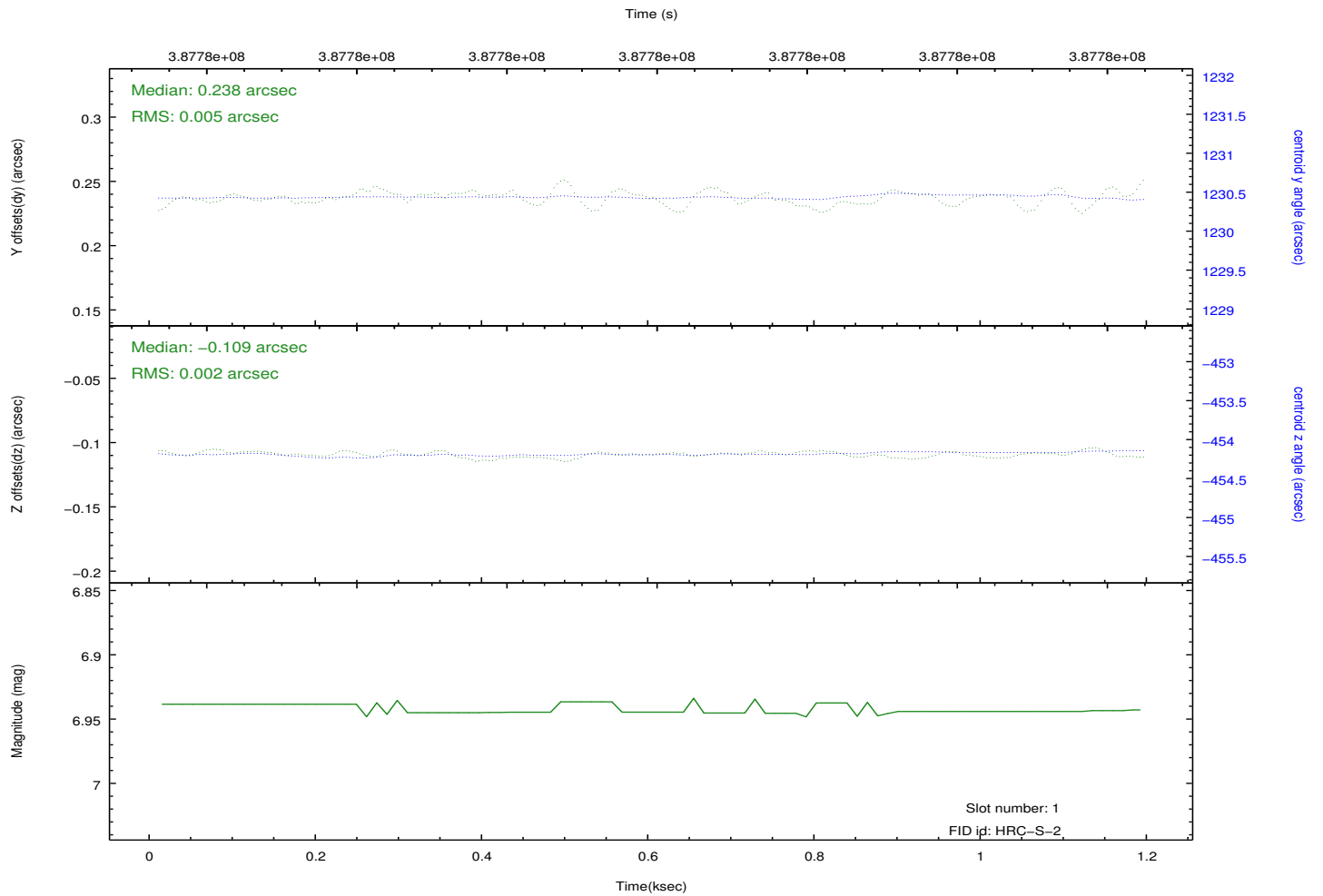
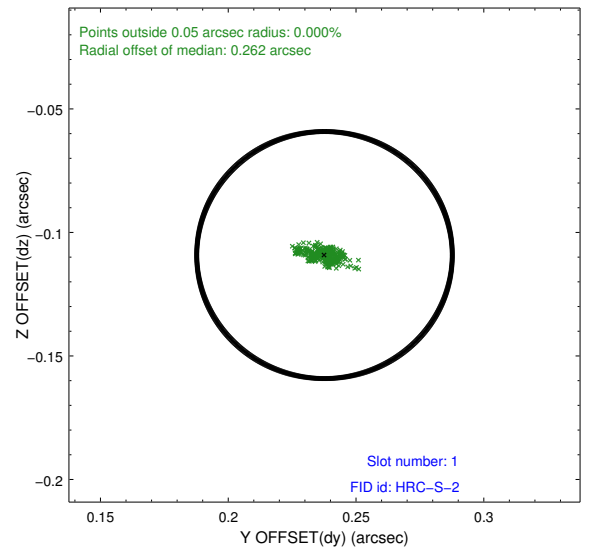
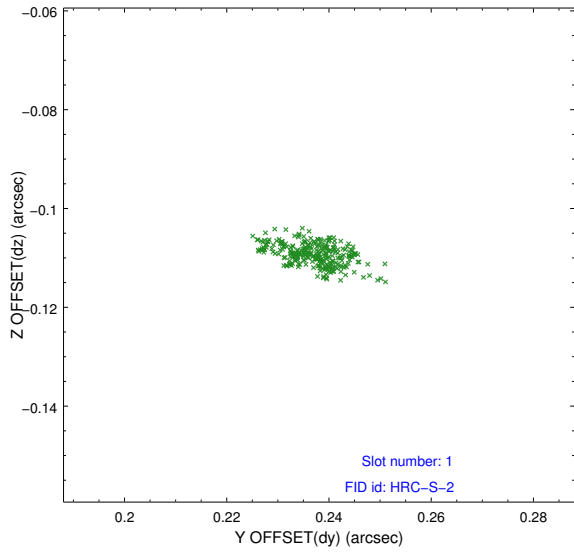


2.5 FID Slots

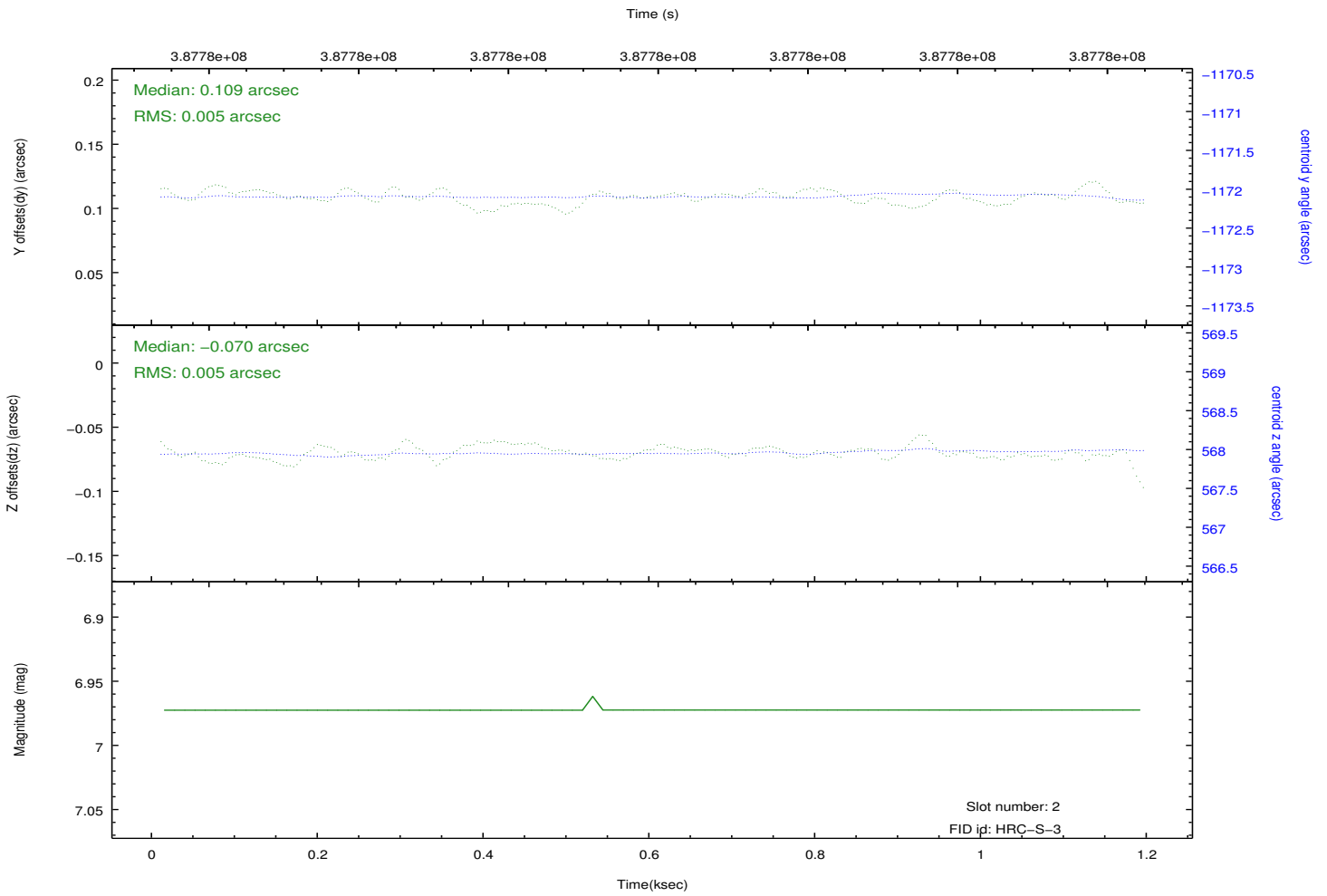
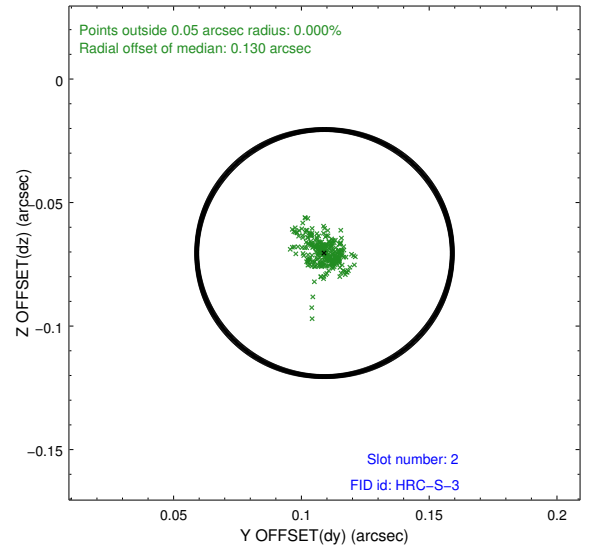
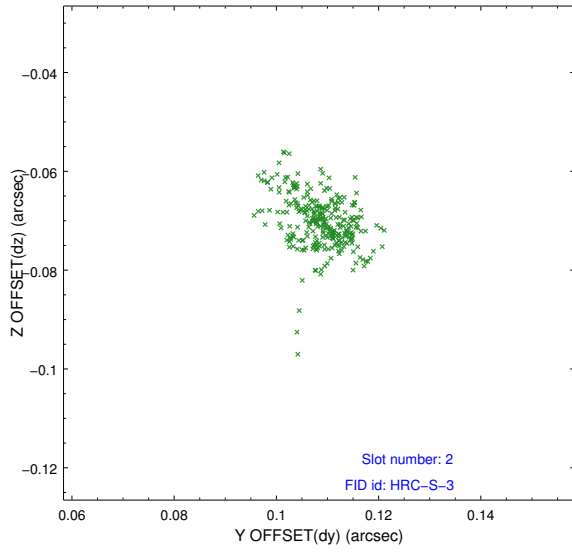
2.5.1 Slot 0



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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813101768

A.2 Comments

Window preference met.