

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9625 - L2 Version 3
Chandra X-Ray Center

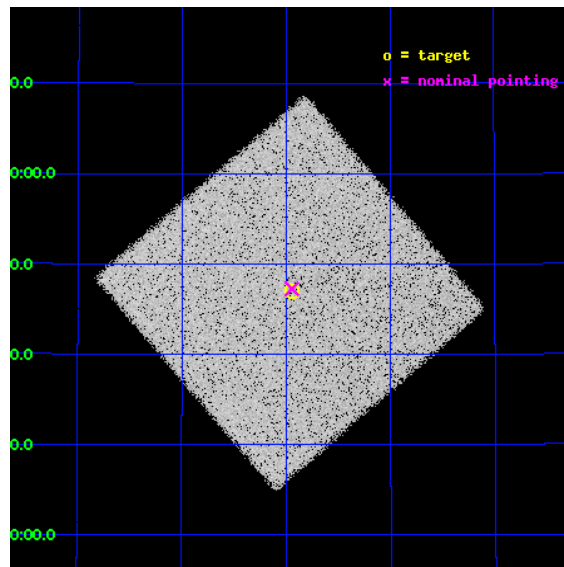
L2 Processing Date : Aug 12 2012

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1 Front

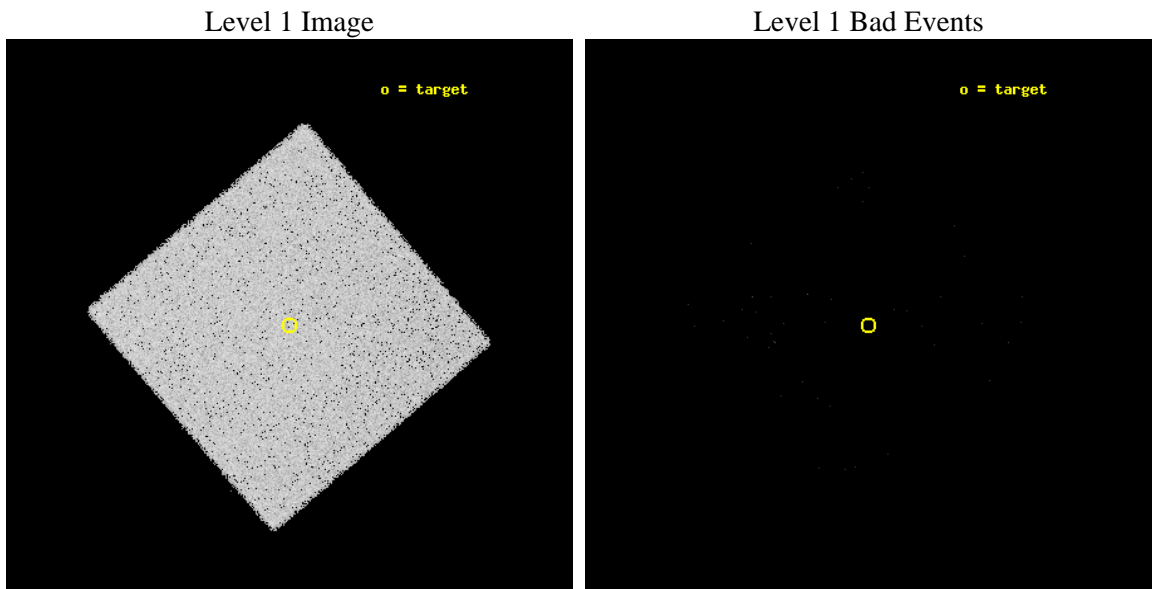
seq_num	290748	Sequence number
obs_id	9625	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23633889066	Nominal RA [deg]
dec_nom	38.787854462112	Nominal Dec [deg]
roll_nom	94.516770260811	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2147.6313545704	[s]
liveltime	2125.7175045699	Ontime multiplied by DTCOR
l2events	130043	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	2147.6313545704	[s]
caldbver	4.5.1.1	 	l1events	330826	Number of level 1 events
date	2012-08-12T11:27:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

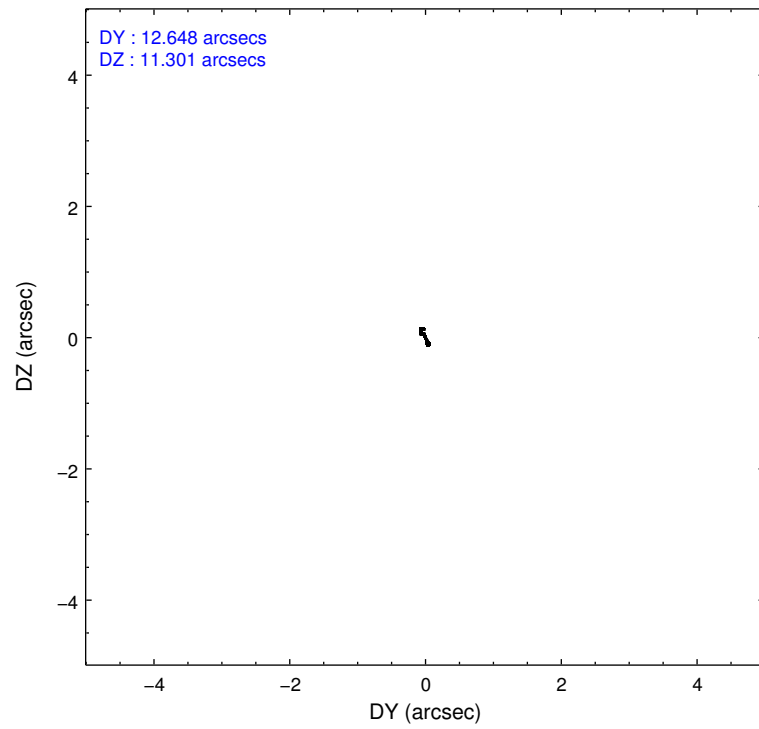
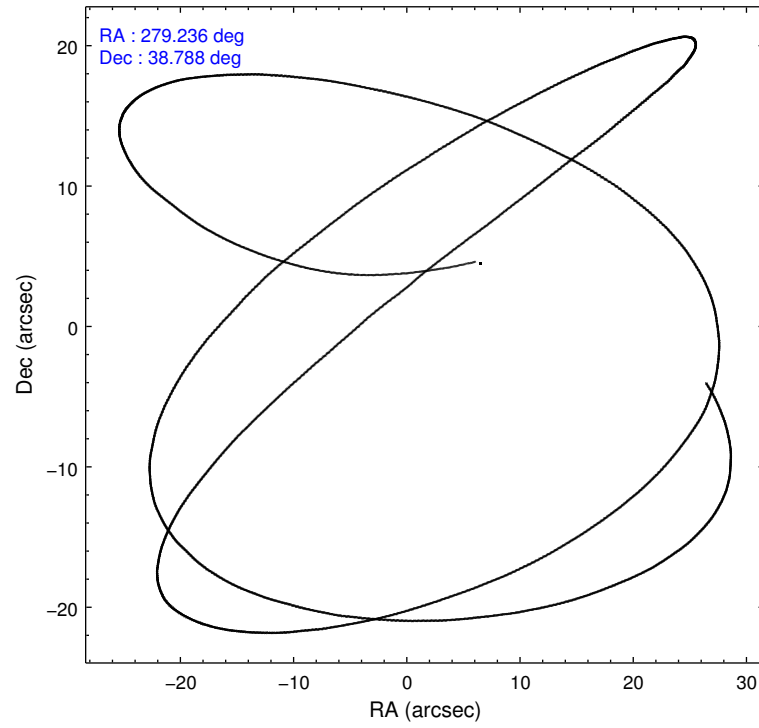
Level 1 Events

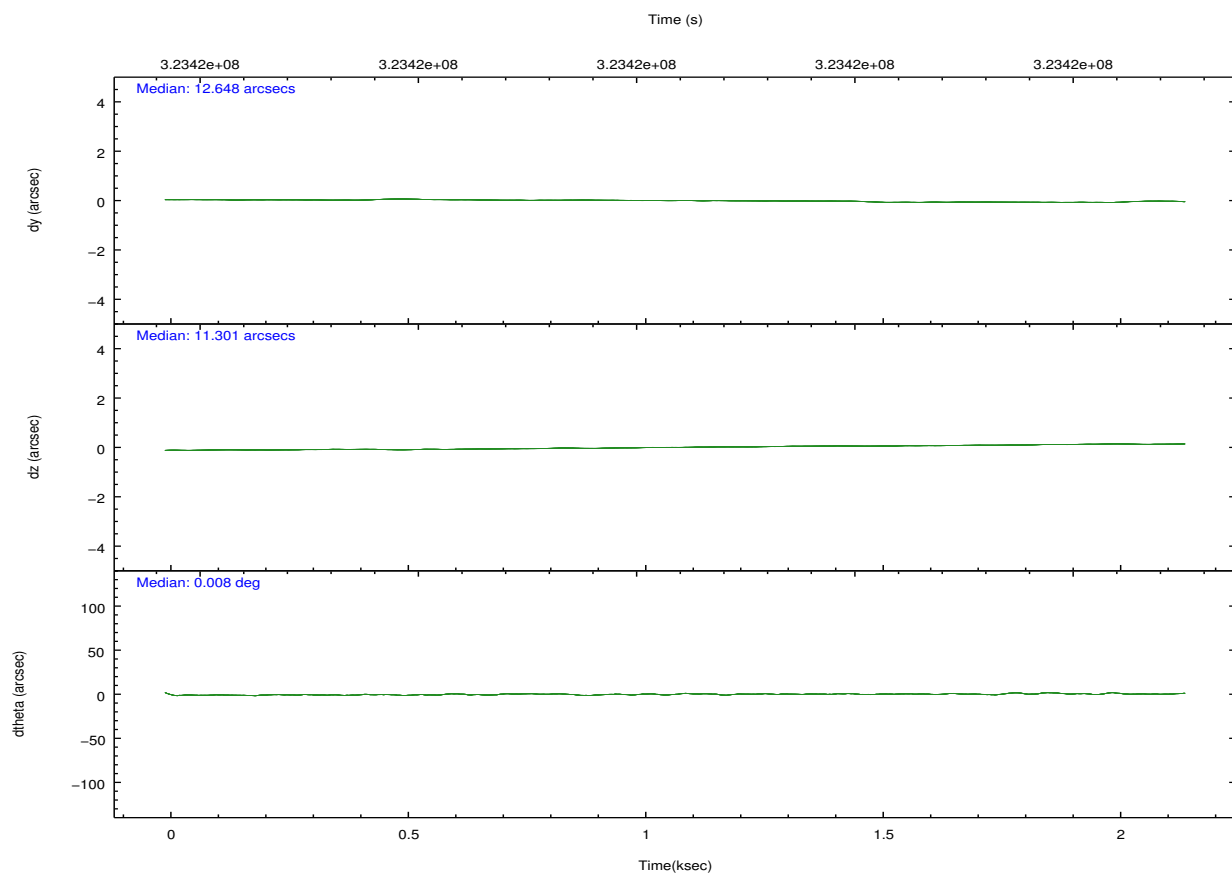
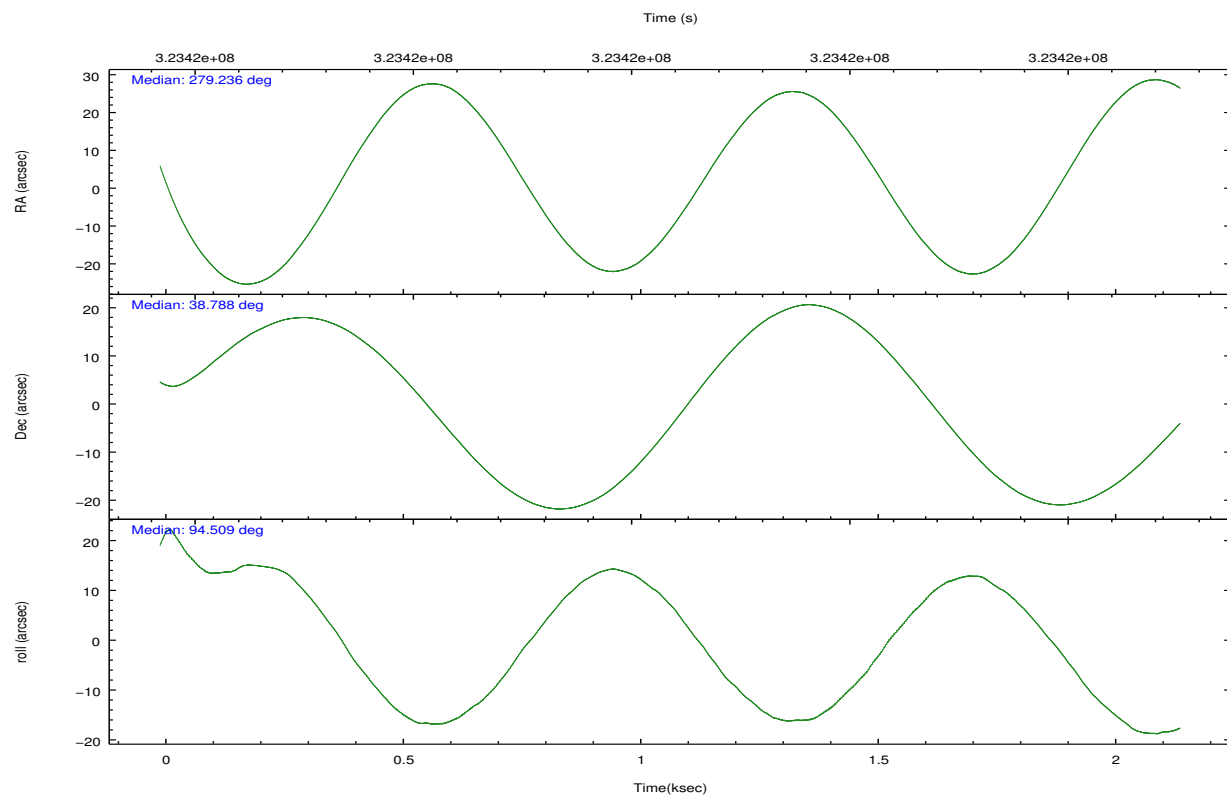
	segment 0
level 1 events	330826
rejected events	139926
rejected %	42%

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	279.257024	279.2363388906586			
[deg] Pointing Dec	38.765770	38.78785446211158			
[deg] Pointing Roll	94.599176	94.5167702608113			
[s] Window start time (MET)	320716865.184000	320716865.184000			
[s] Window stop time (MET)	328579265.184000	328579265.184000			
[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)	323422151.184000	323420441.48578			
Observation start date	2008-04-01T07:28:06	2008-04-01T07:00:41			
[s] Observation end time (MET)	323424151.184000	323424285.23596			
Observation end date	2008-04-01T08:01:26	2008-04-01T08:04:45			

2.3 Aspect



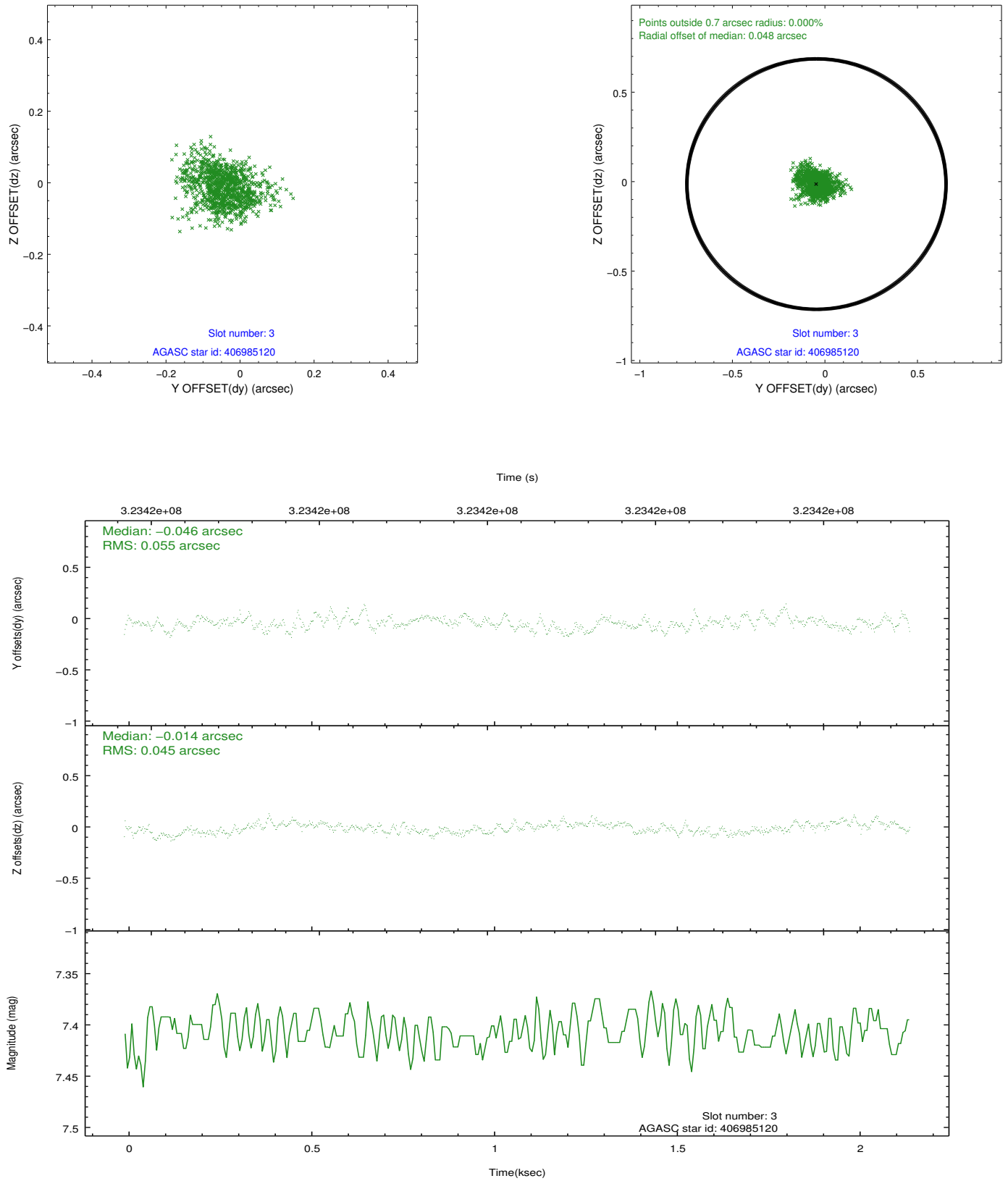


Slot Statistics

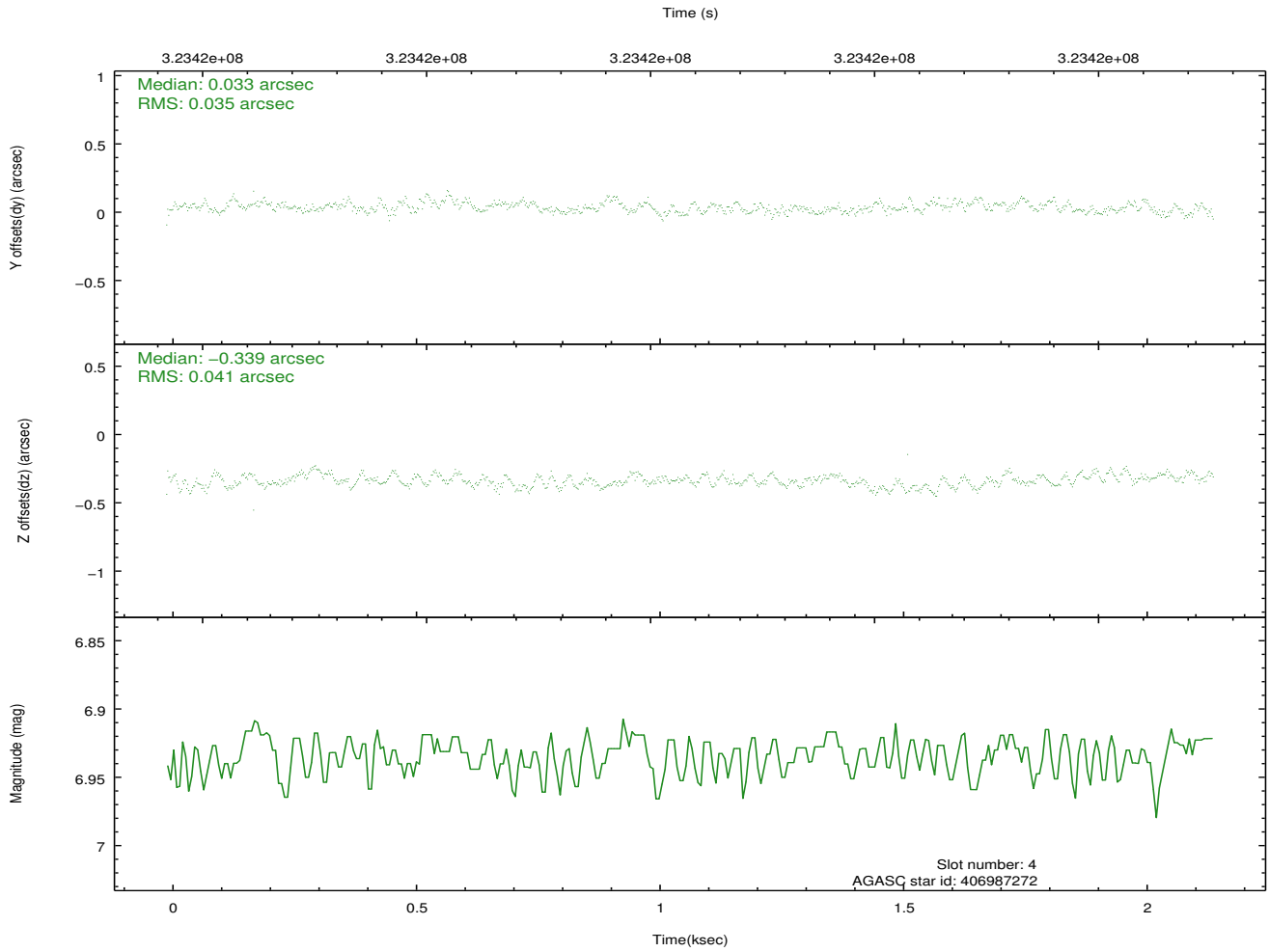
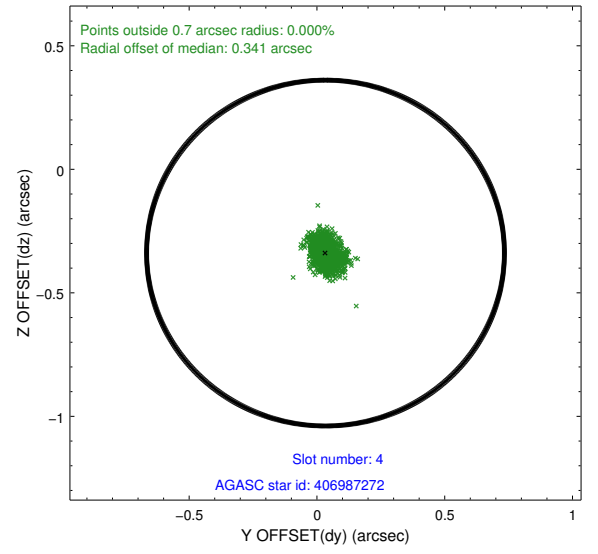
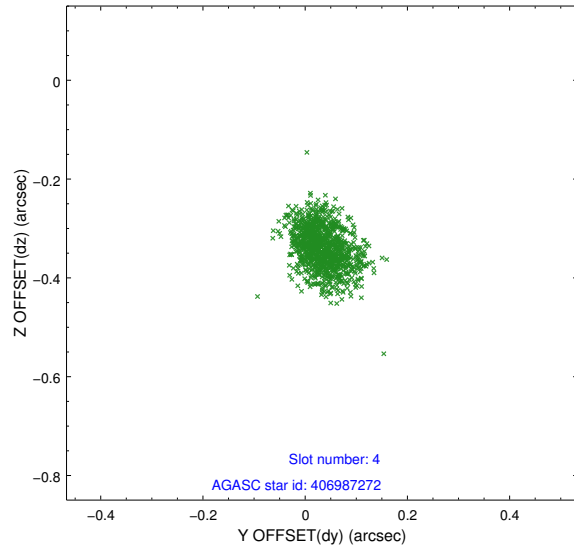
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	524	-0.057	0.008	0.007	0.011	0.000000	0.000000	-768.42	-1299.28
1	FID	HRC-I-2	6.99	524	0.180	-0.089	0.006	0.012	0.000000	0.000000	842.98	-1303.41
2	FID	HRC-I-3	7.05	524	-0.004	-0.009	0.006	0.012	0.000000	0.000000	-1195.27	1002.78
3	GUIDE	406985120	7.41	1049	-0.046	-0.014	0.074	0.123	278.839732	38.894839	559.39	1127.49
4	GUIDE	406987272	6.93	1049	0.033	-0.339	0.057	0.093	278.536588	38.437504	-1006.39	2119.36
5	GUIDE	407513096	8.17	1048	-0.247	0.210	0.073	0.127	279.928965	39.436841	2264.29	-2054.61
6	GUIDE	406987384	8.95	1048	0.313	0.021	0.078	0.124	278.815518	38.115336	-2228.48	1431.31
7	GUIDE	407521232	8.65	1046	-0.056	0.125	0.090	0.148	279.628883	39.431715	2306.85	-1221.90

2.4 Star Slots

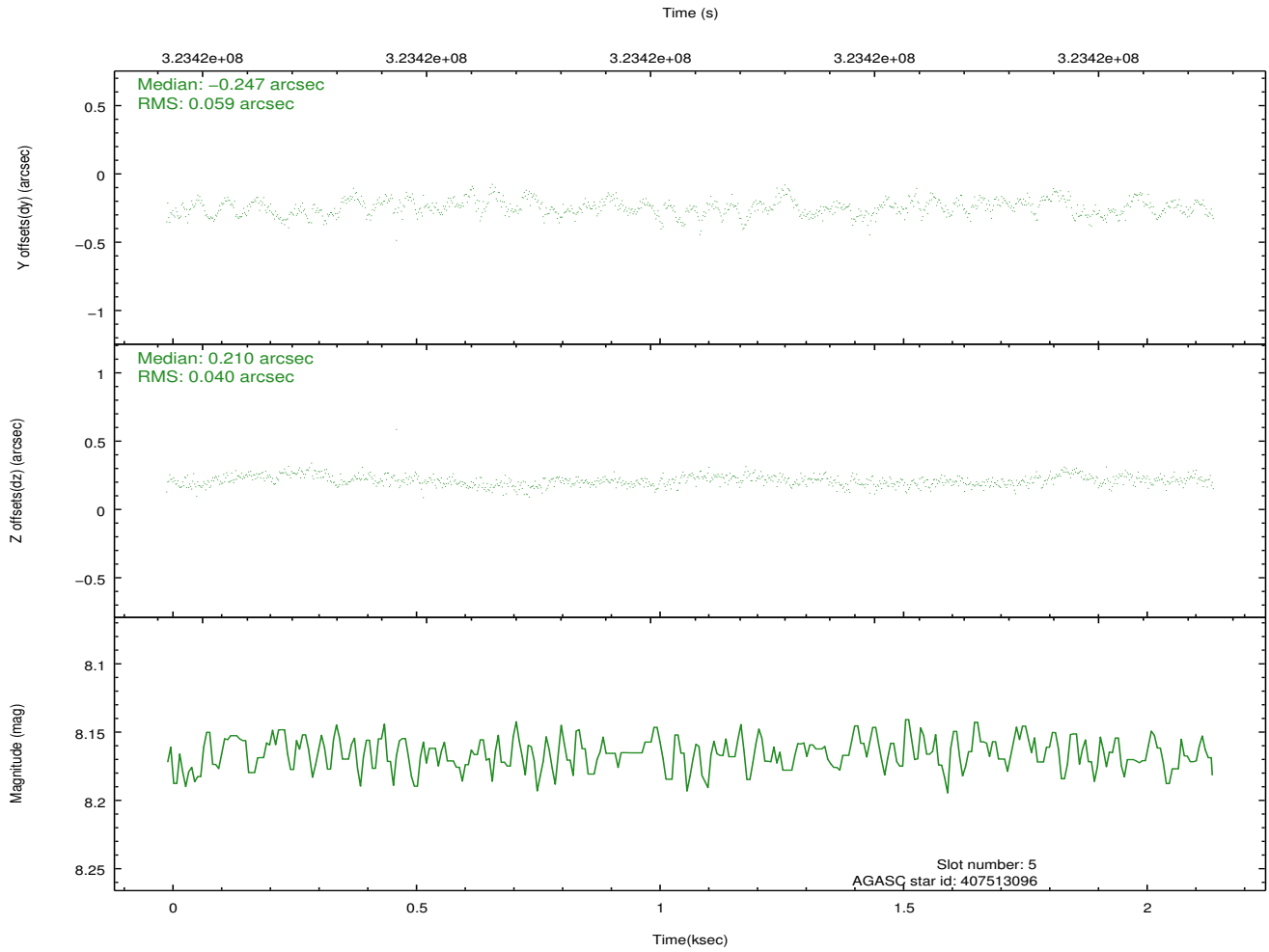
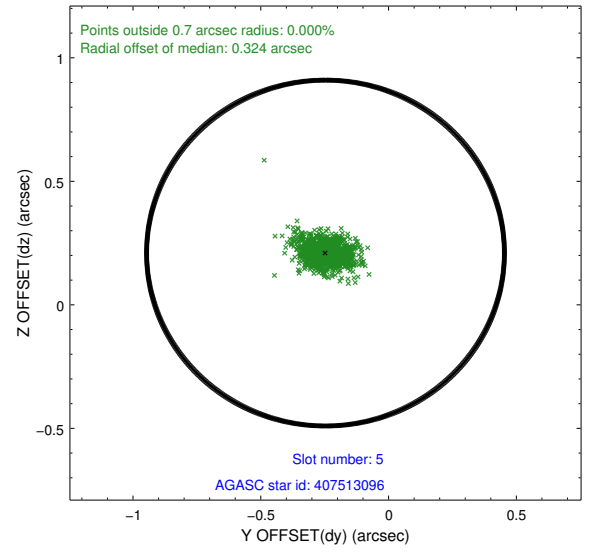
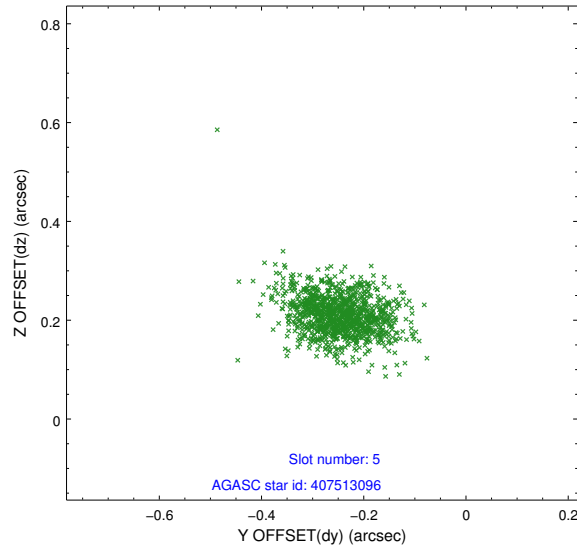
2.4.1 Slot 3



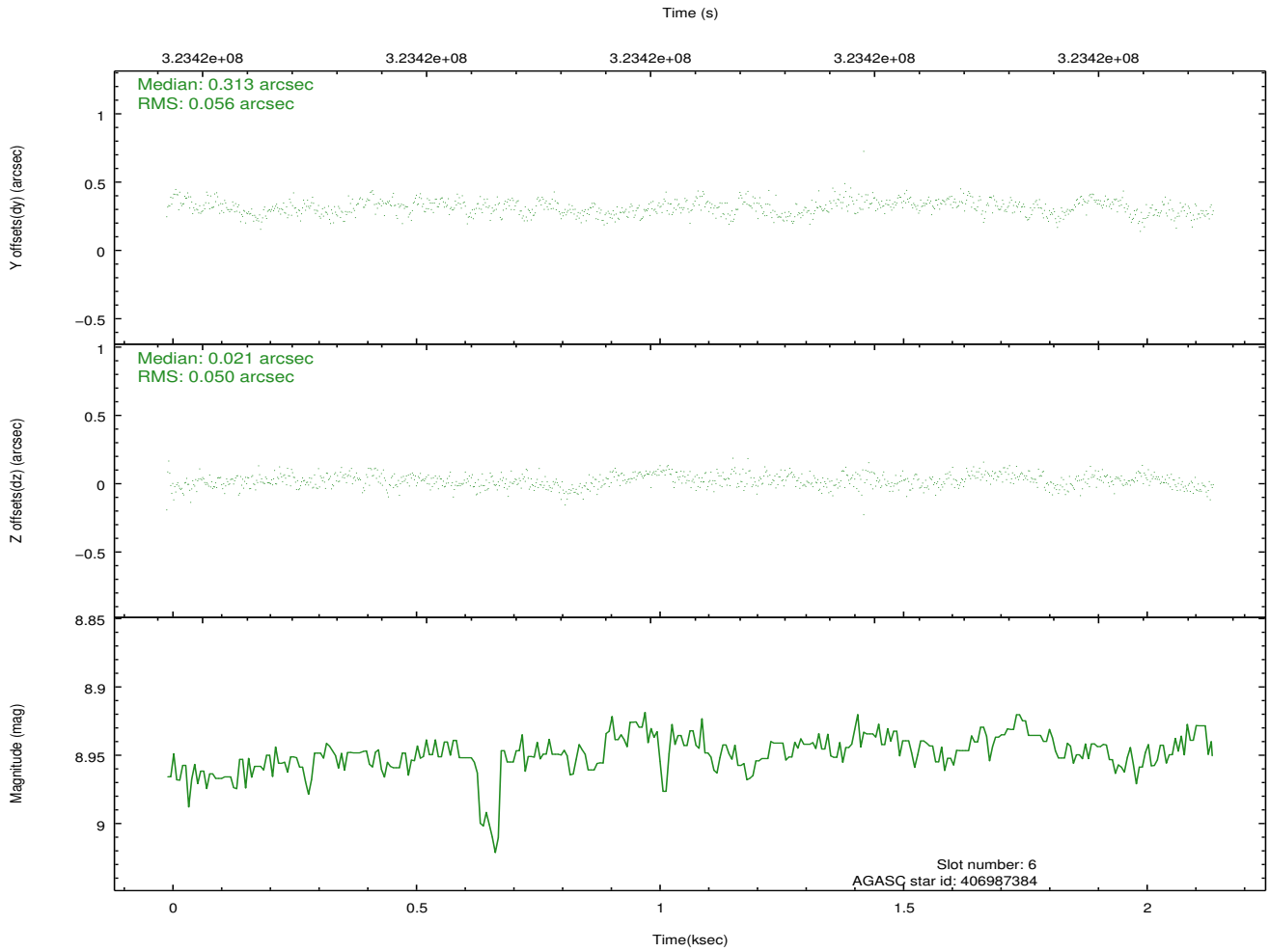
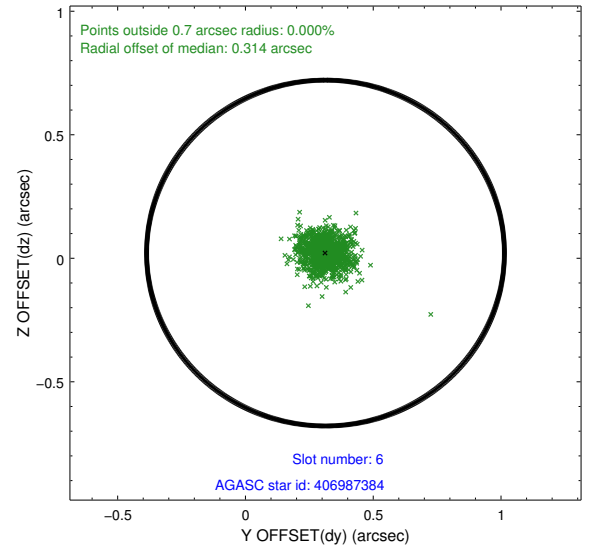
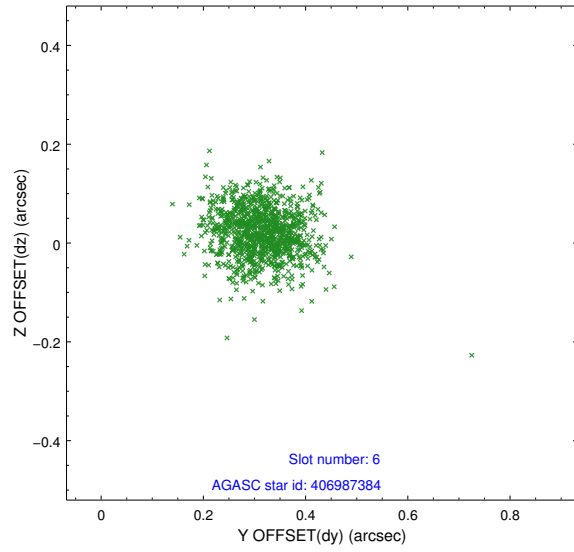
2.4.2 Slot 4



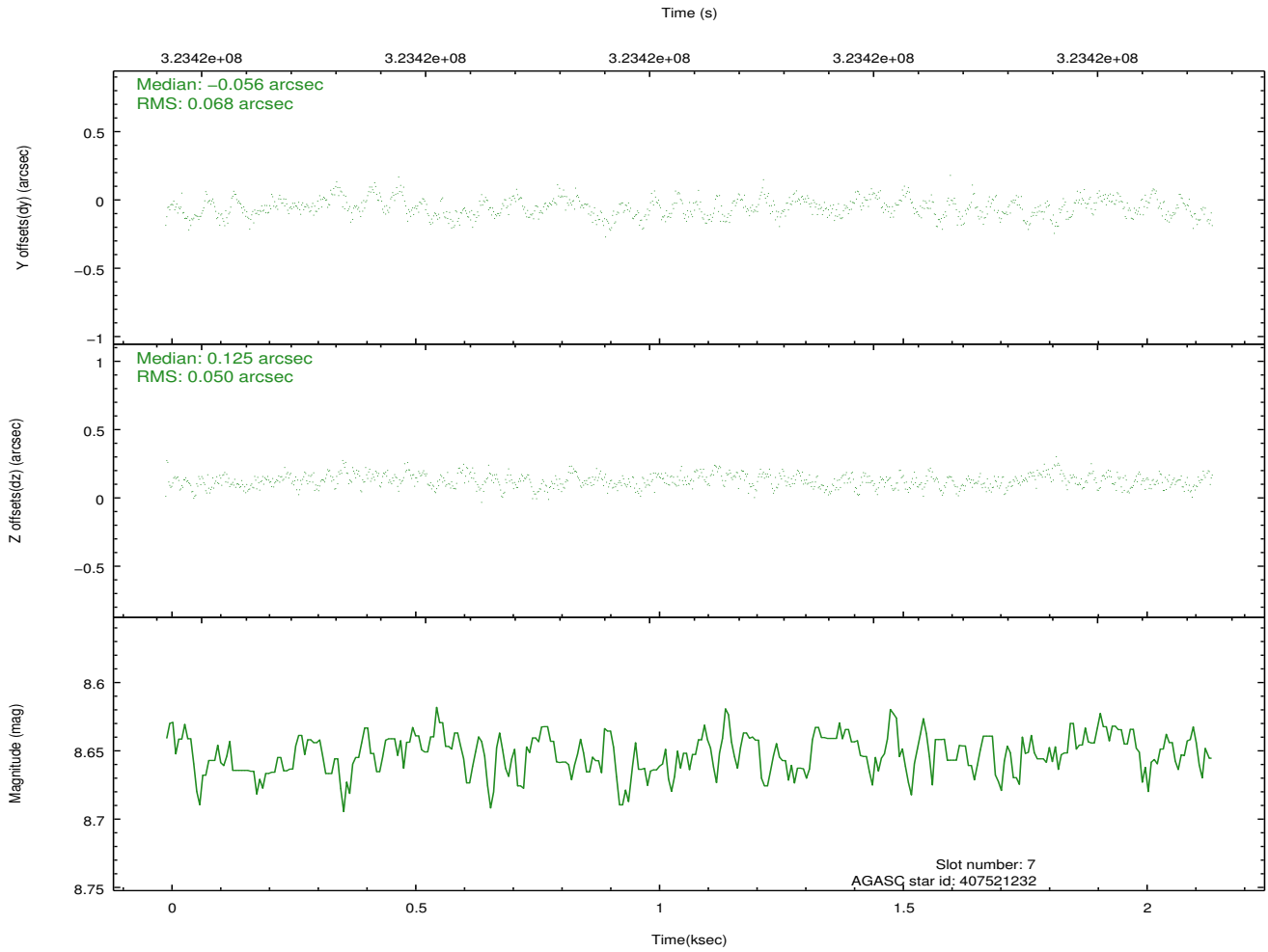
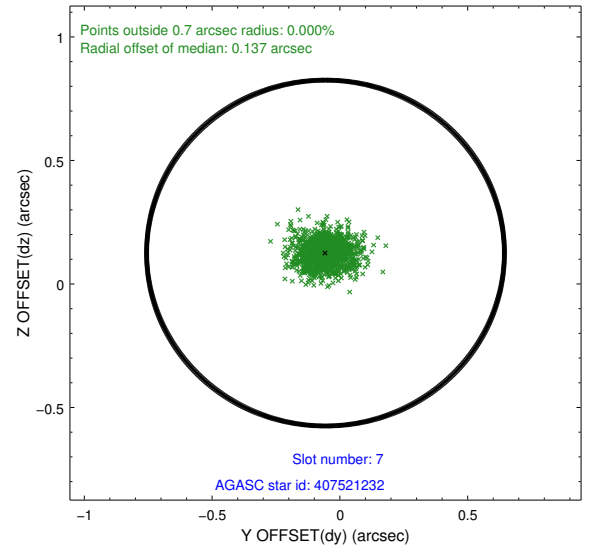
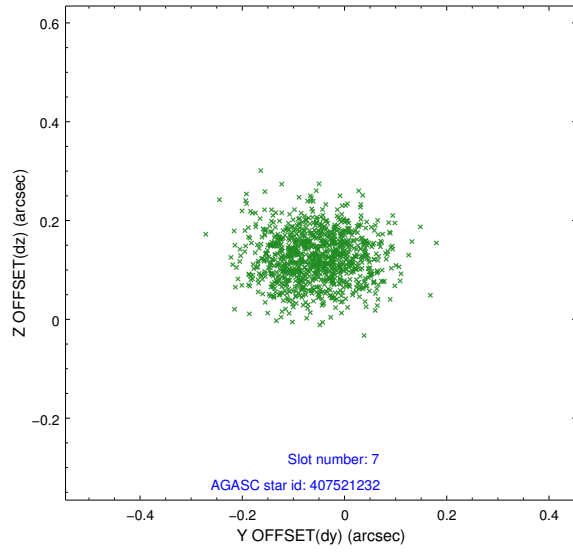
2.4.3 Slot 5



2.4.4 Slot 6

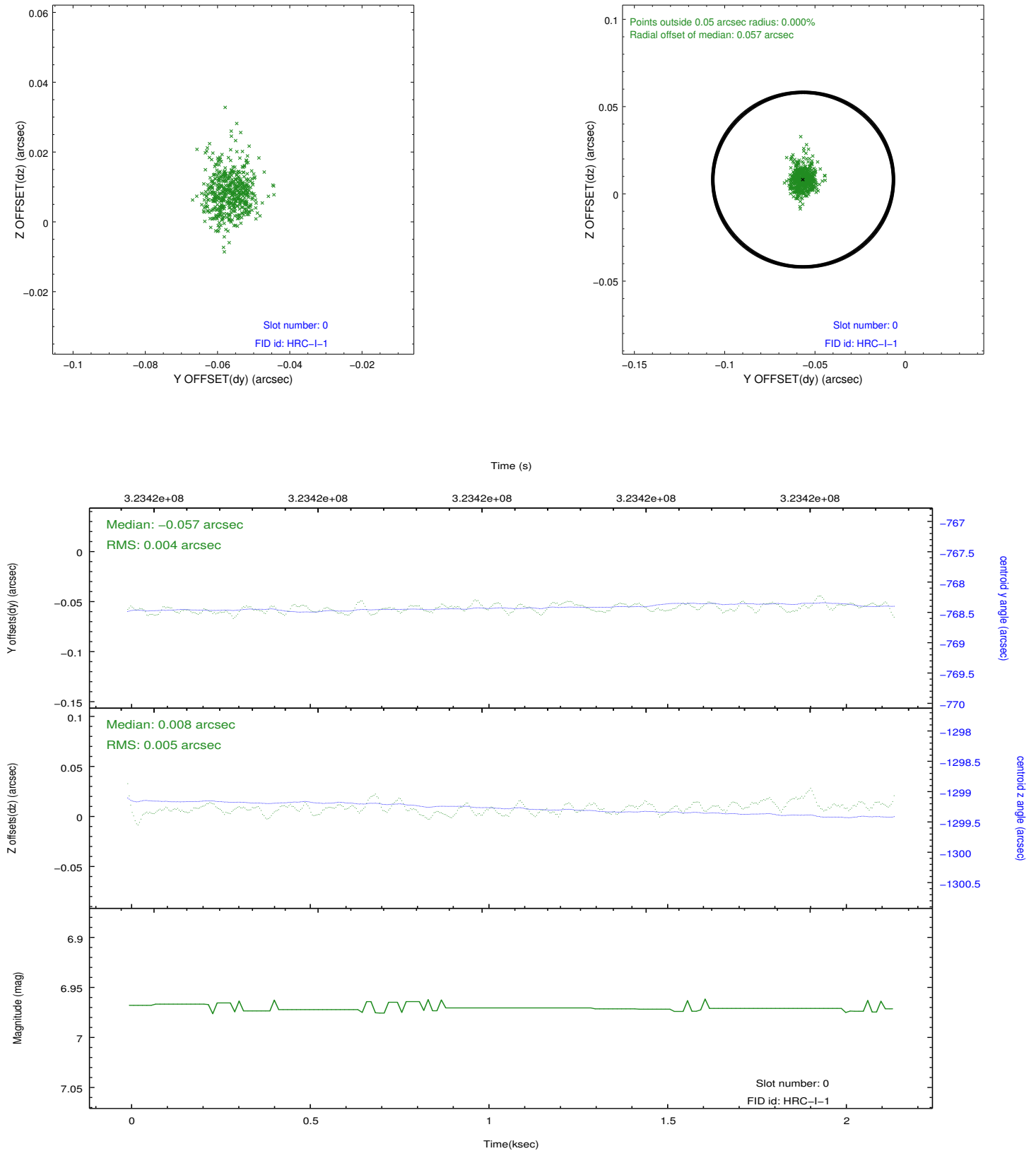


2.4.5 Slot 7

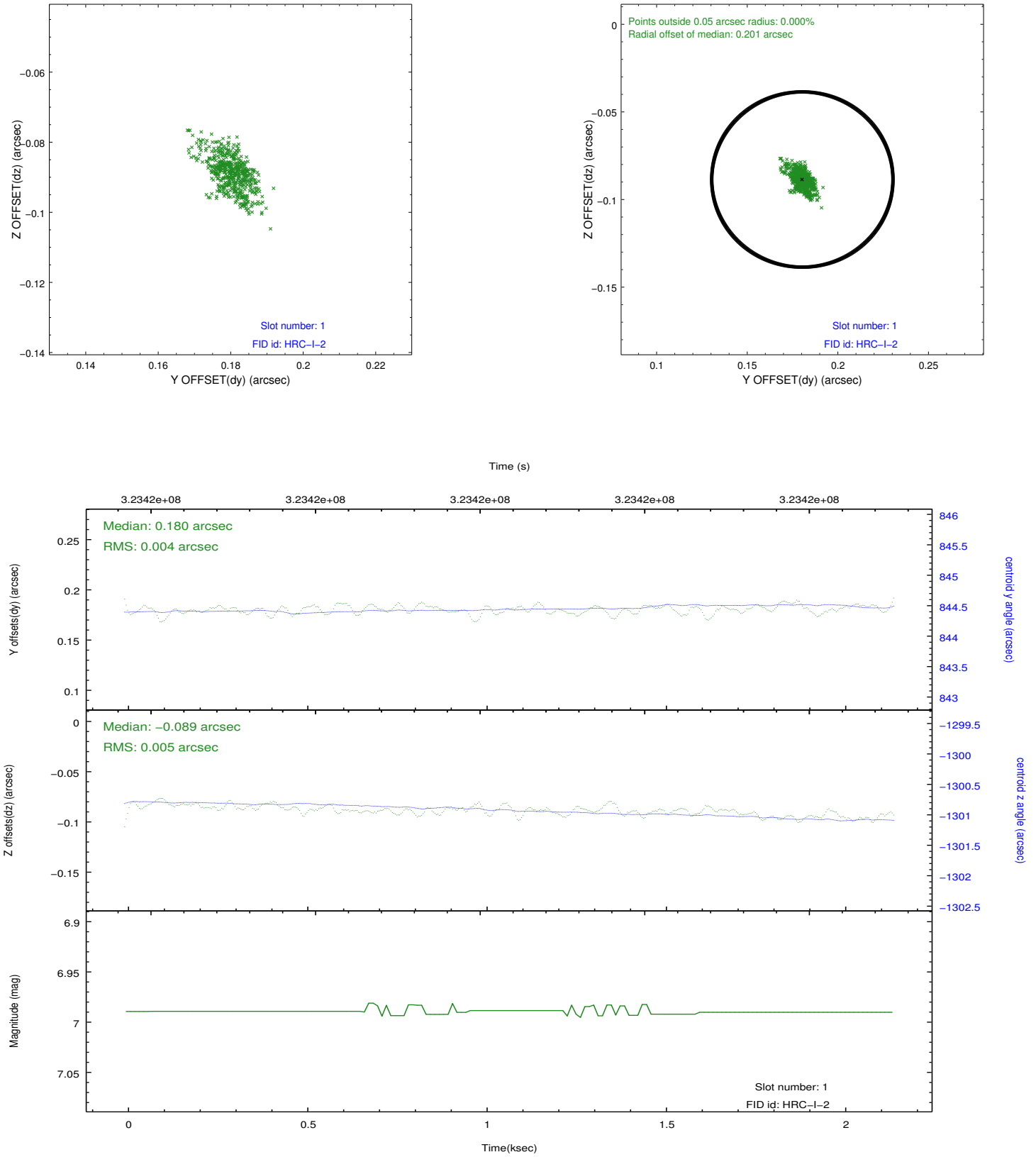


2.5 FID Slots

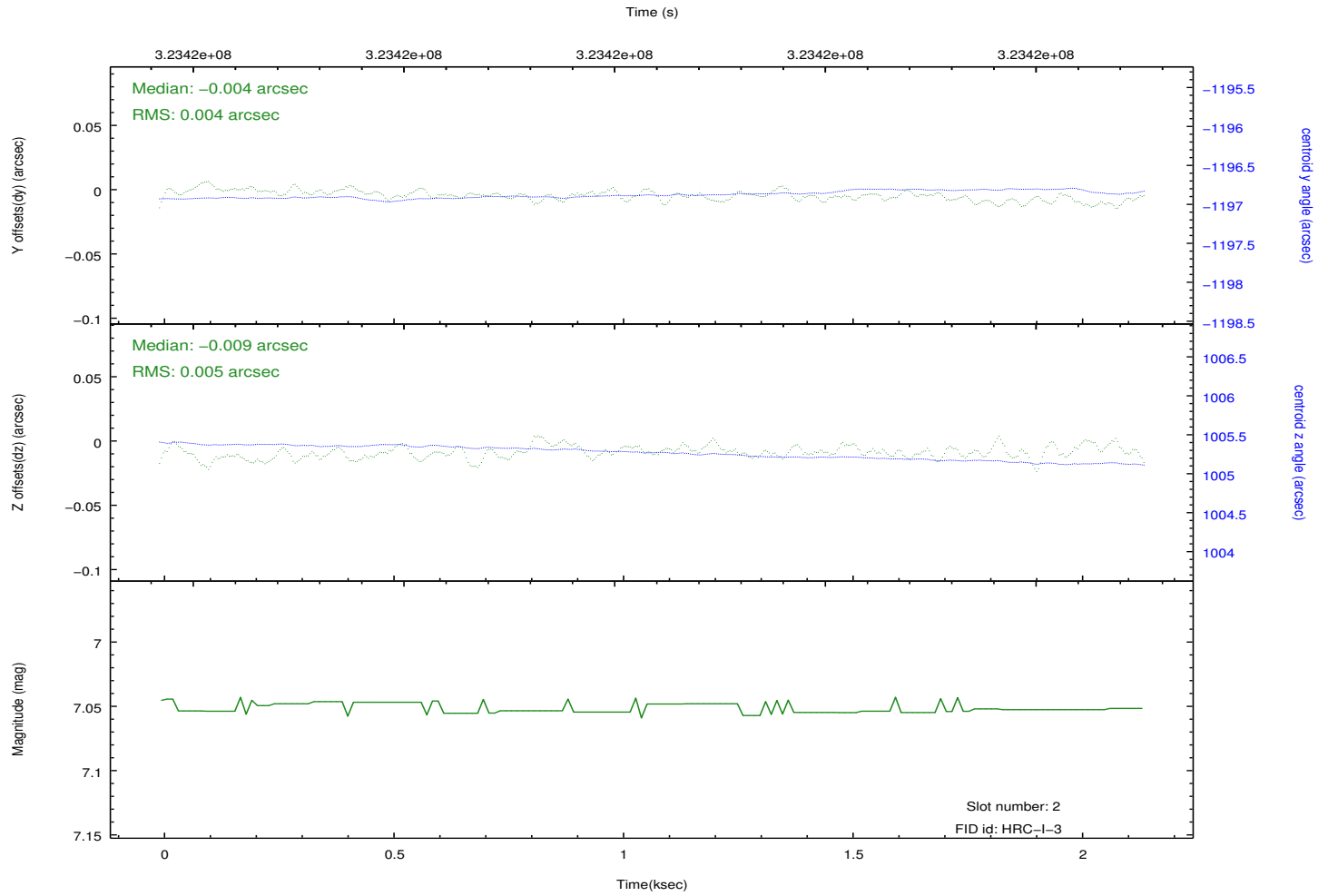
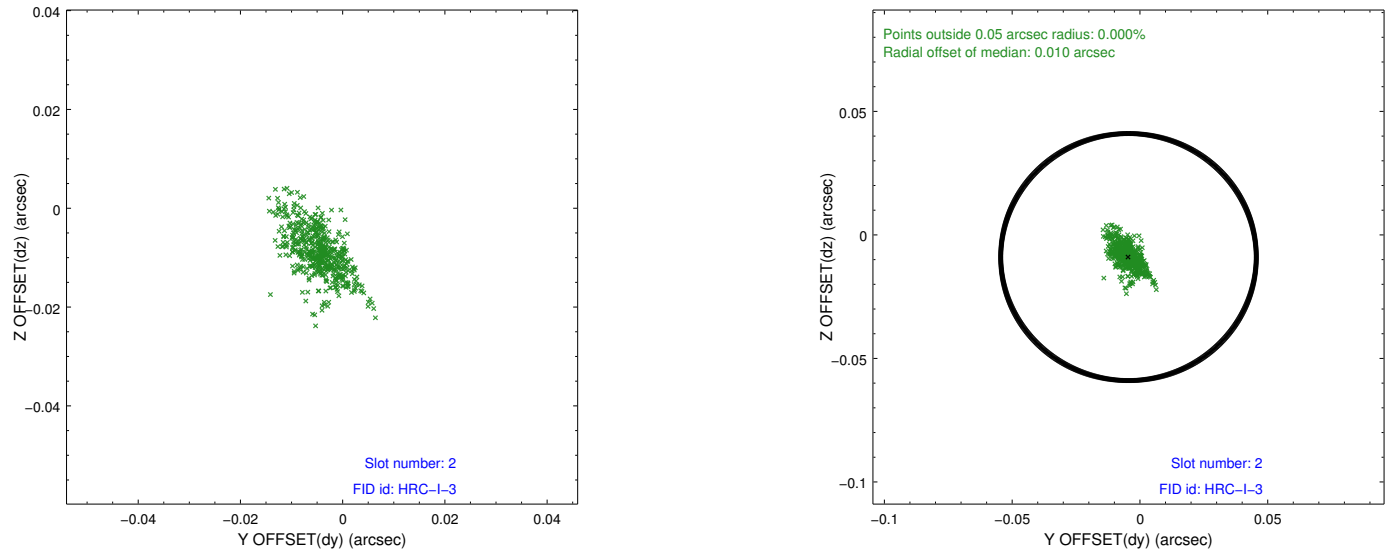
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.14763135

A.2 Comments

Window preference met.