

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8289 - L2 Version 3
Chandra X-Ray Center

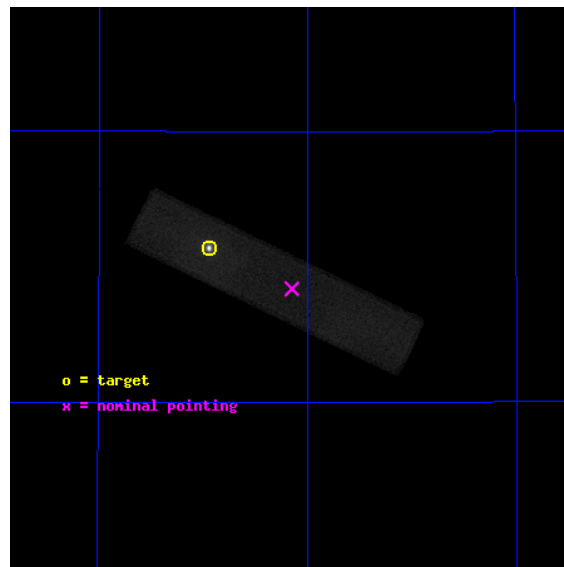
L2 Processing Date : Aug 11 2012

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1 Front

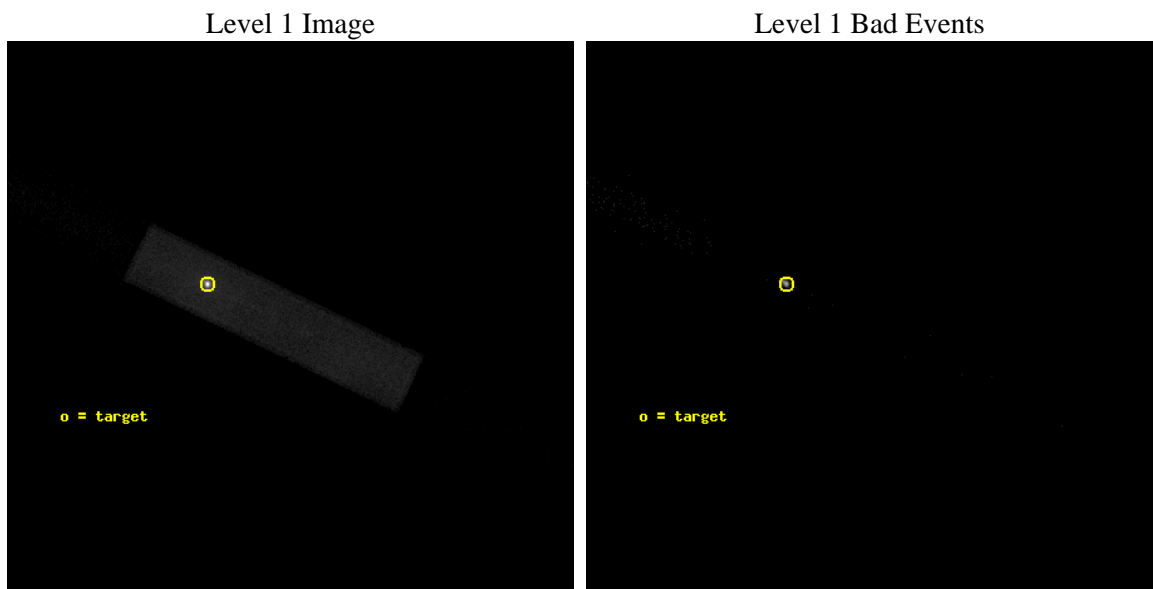
seq_num	290668	Sequence number
obs_id	8289	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.03658879867	Nominal RA [deg]
dec_nom	38.709930653688	Nominal Dec [deg]
roll_nom	205.59296309997	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2161.9813536406	[s]
livetime	1470.0733392789	Ontime multiplied by DTCOR
l2events	378564	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	2161.9813536406	[s]
caldbver	4.5.1.1	 	l1events	456685	Number of level 1 events
date	2012-08-11T22:37:41	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

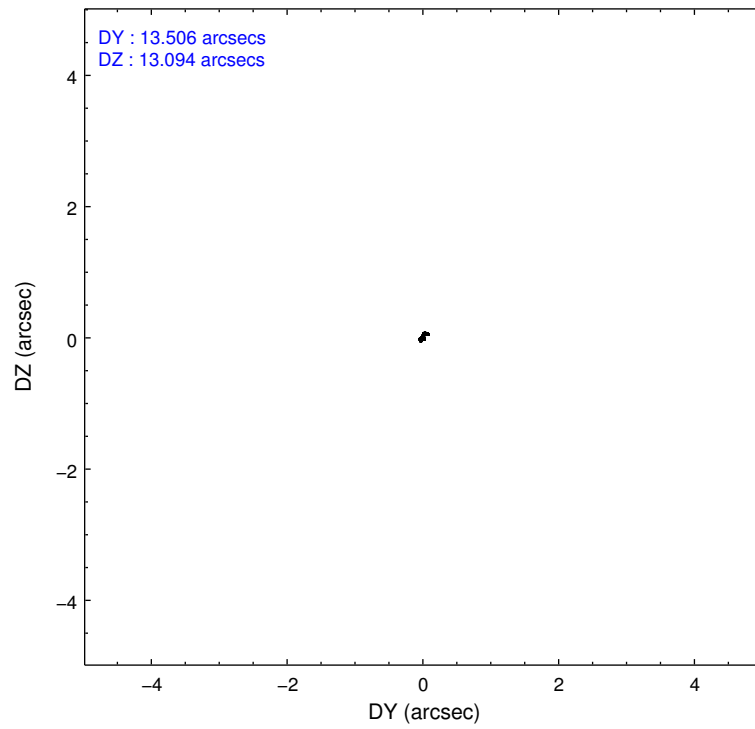
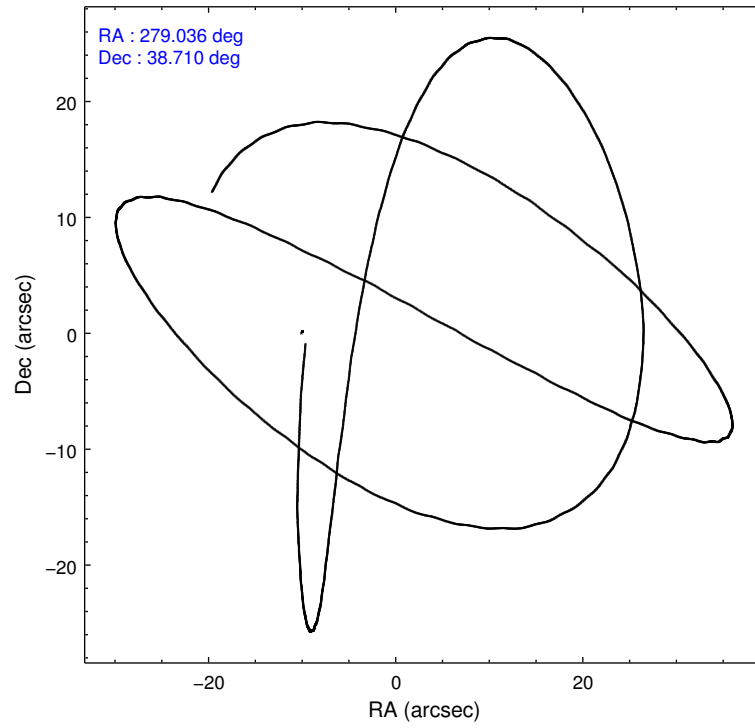
Level 1 Events

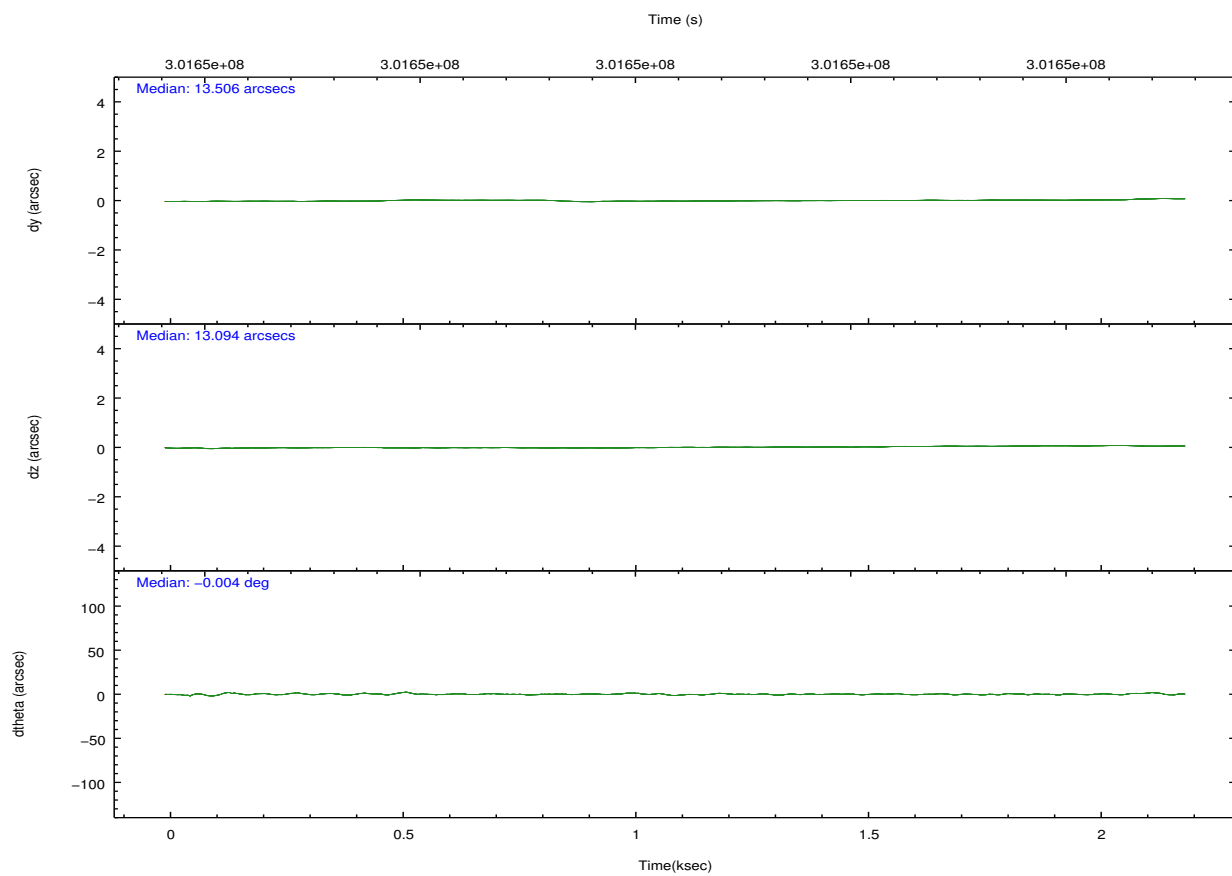
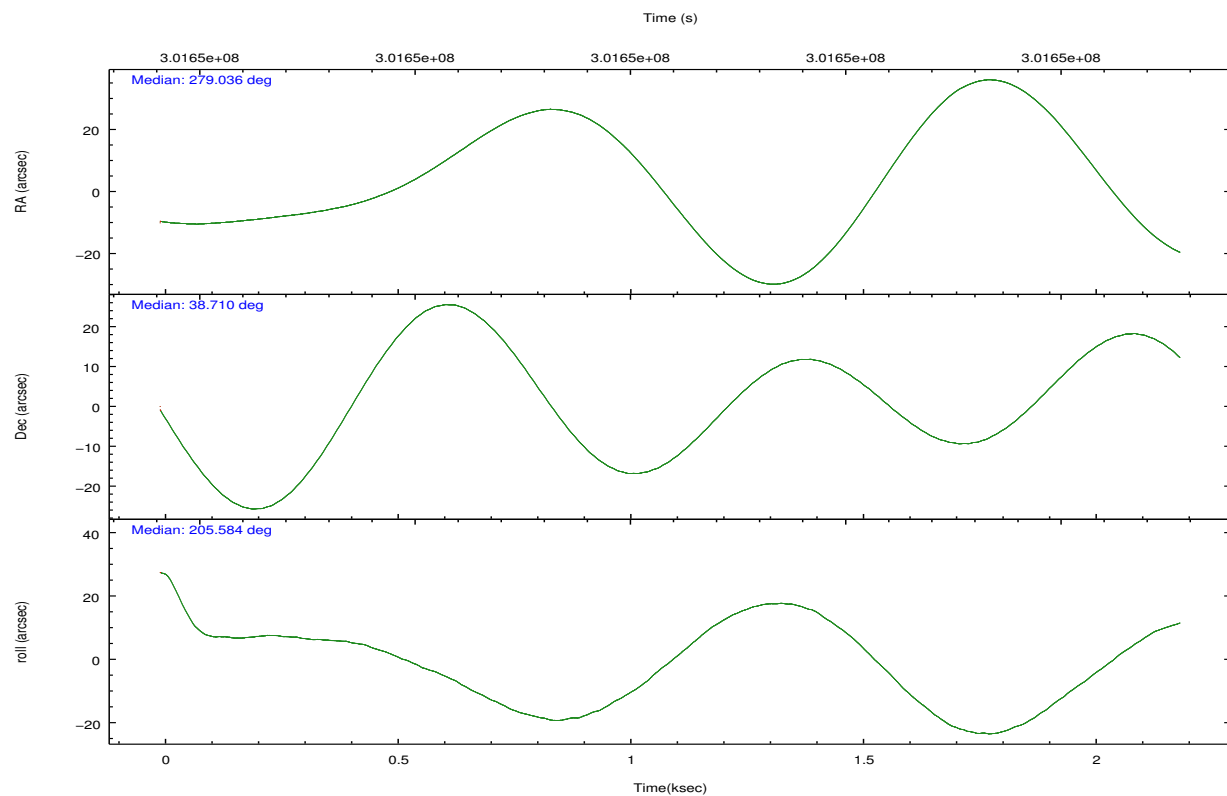
	segment 1	segment 2	segment 3
level 1 events	10197	444735	1753
rejected events	10134	46092	1753
rejected %	99%	10%	100%

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	279.055776	279.0365887986729			
[deg] Pointing Dec	38.734592	38.70993065368788			
[deg] Pointing Roll	205.513494	205.5929630999747			
[s] Window start time (MET)	297043265.184000	297043265.184000			
[s] Window stop time (MET)	304905665.184000	304905665.184000			
[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)	301645684.184000	301645307.6336			
Observation start date	2007-07-24T06:26:59	2007-07-24T06:21:47			
[s] Observation end time (MET)	301647684.184000	301647817.85872			
Observation end date	2007-07-24T07:00:19	2007-07-24T07:03:37			

2.3 Aspect



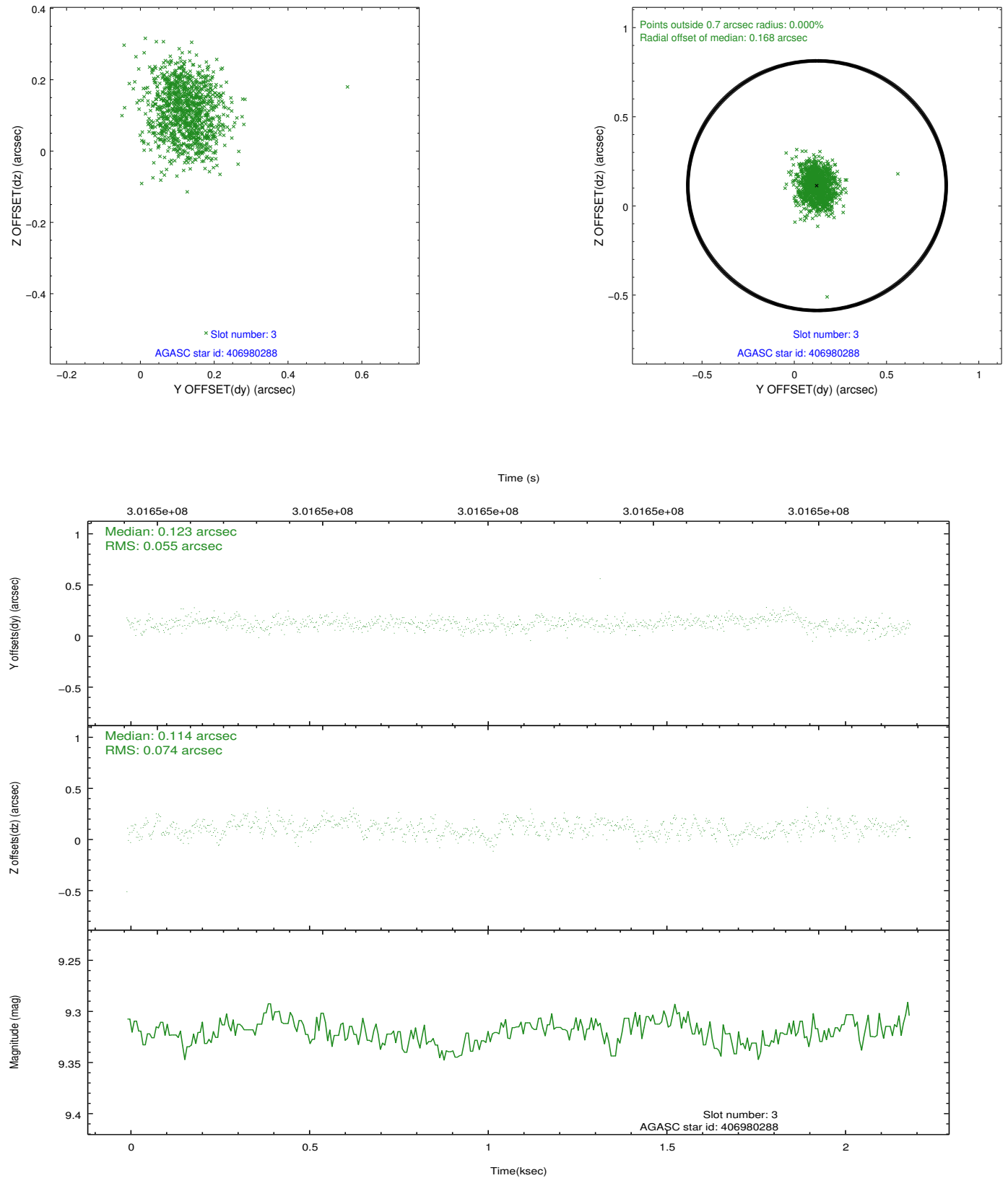


Slot Statistics

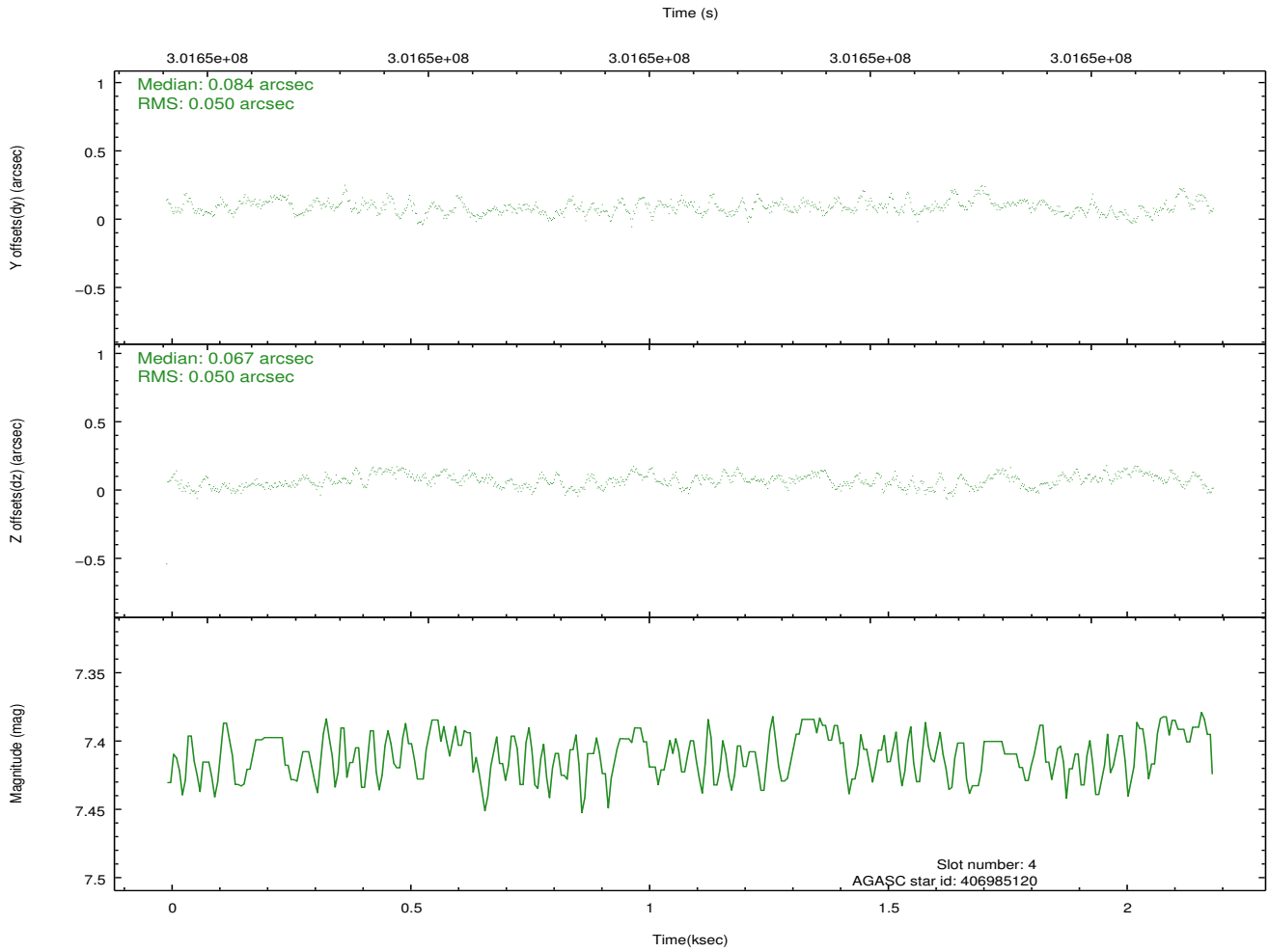
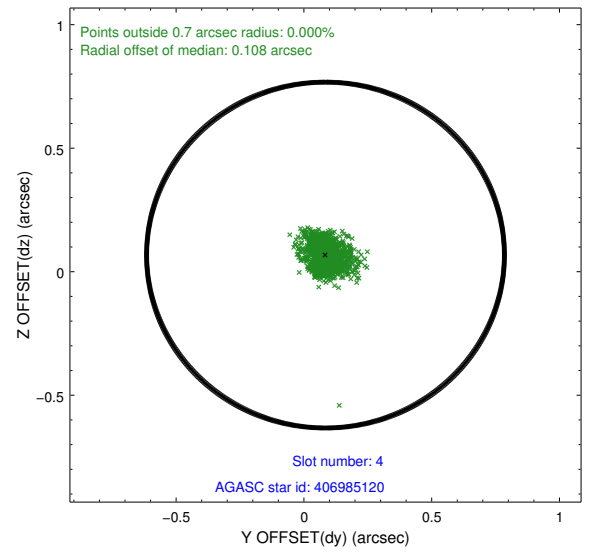
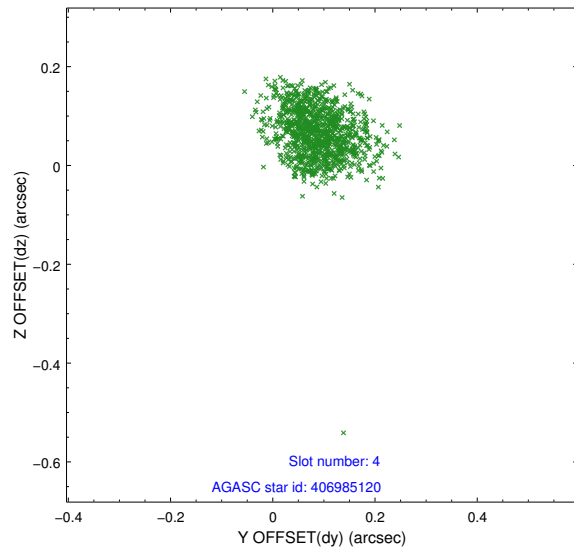
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	535	0.109	-0.151	0.007	0.013	0.000000	0.000000	-1167.83	-461.90
1	FID	HRC-S-2	7.00	535	0.169	-0.108	0.004	0.008	0.000000	0.000000	1229.71	-455.33
2	FID	HRC-S-3	7.01	535	0.112	-0.043	0.008	0.013	0.000000	0.000000	-1168.26	566.88
3	GUIDE	406980288	9.32	1070	0.123	0.114	0.096	0.150	278.903147	39.061646	-123.59	-1248.44
4	GUIDE	406985120	7.41	1070	0.084	0.067	0.074	0.117	278.839732	38.894839	297.83	-783.79
5	GUIDE	406987384	8.95	1067	-0.079	-0.062	0.084	0.139	278.815518	38.115336	1574.14	1716.77
6	GUIDE	406989616	8.22	1068	0.069	0.037	0.074	0.119	279.202881	38.520843	-41.02	873.53
7	GUIDE	406987272	6.94	1069	-0.205	-0.152	0.068	0.108	278.536588	38.437504	1780.10	330.66

2.4 Star Slots

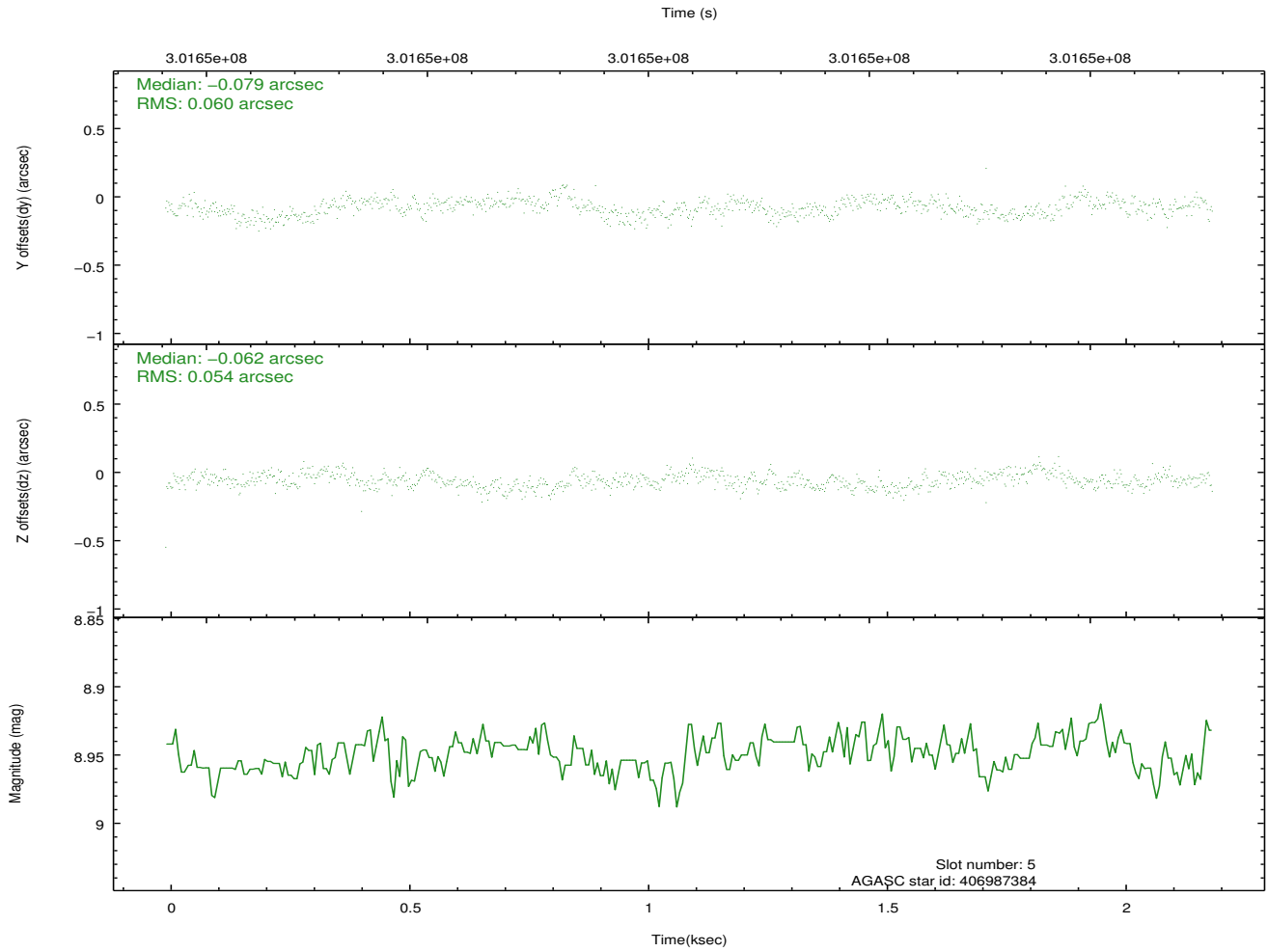
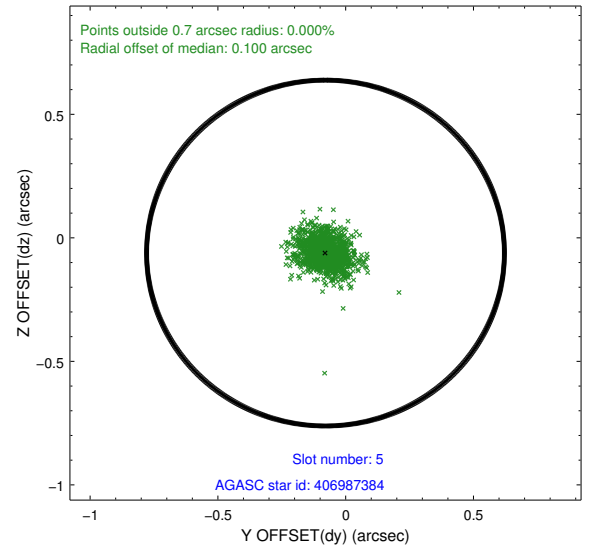
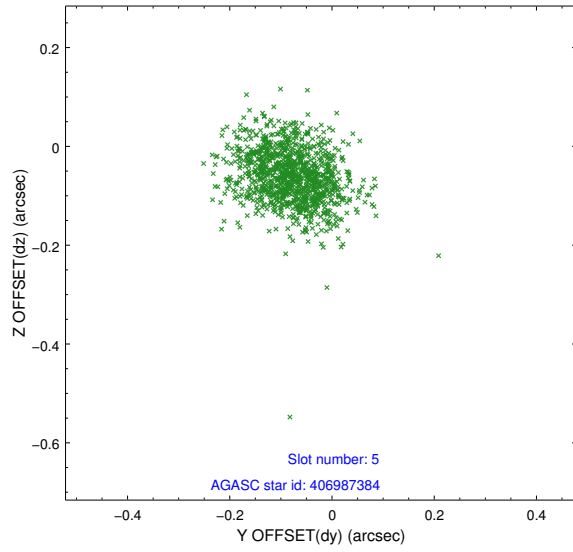
2.4.1 Slot 3



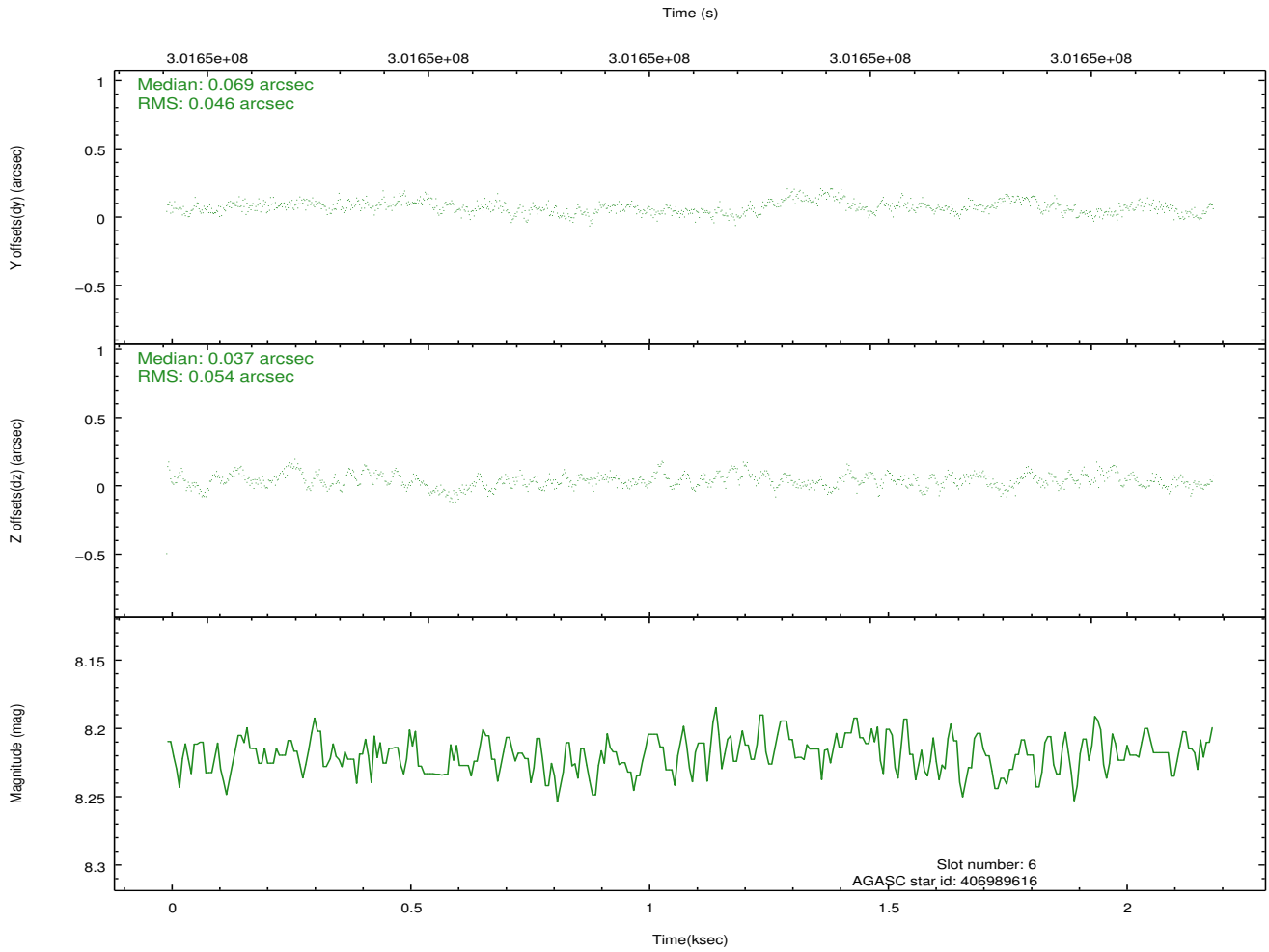
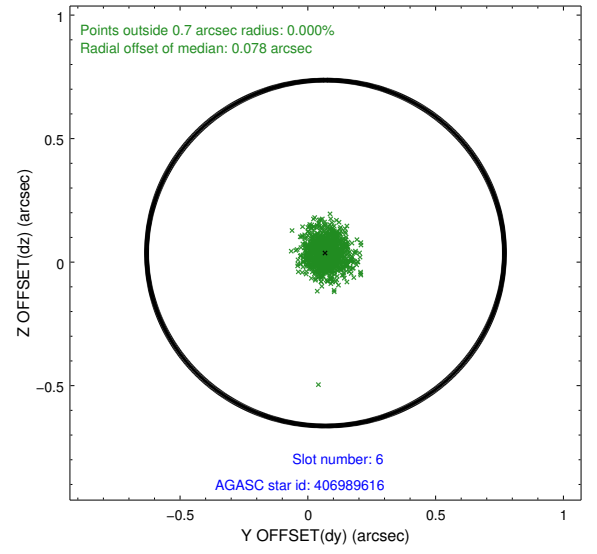
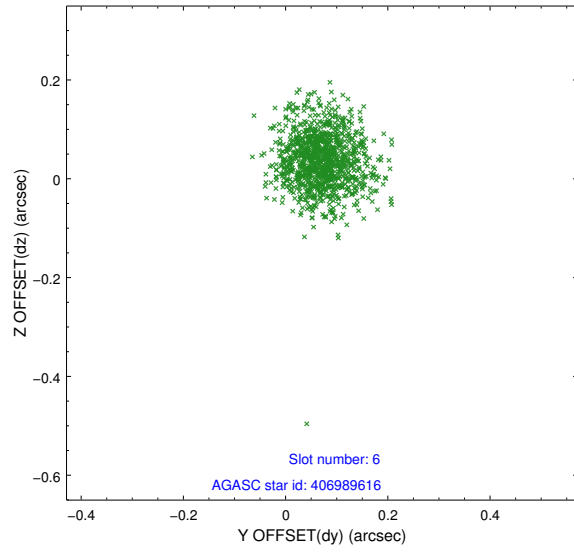
2.4.2 Slot 4



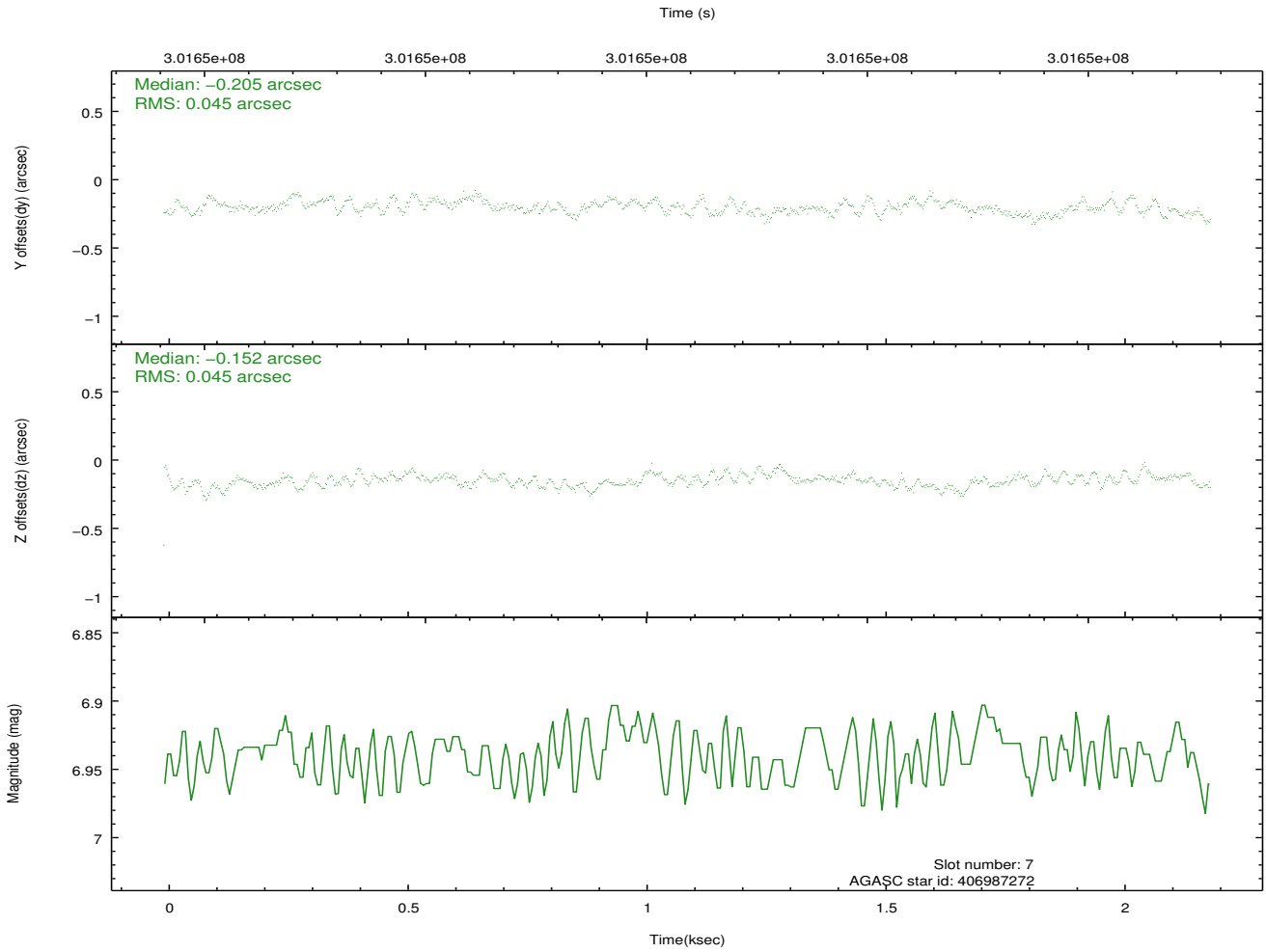
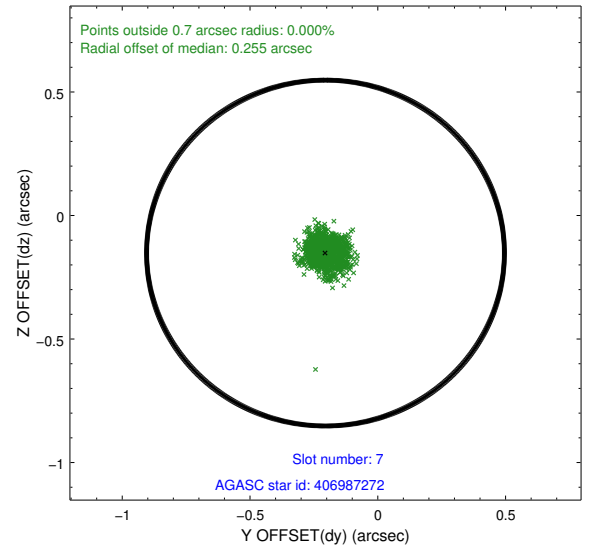
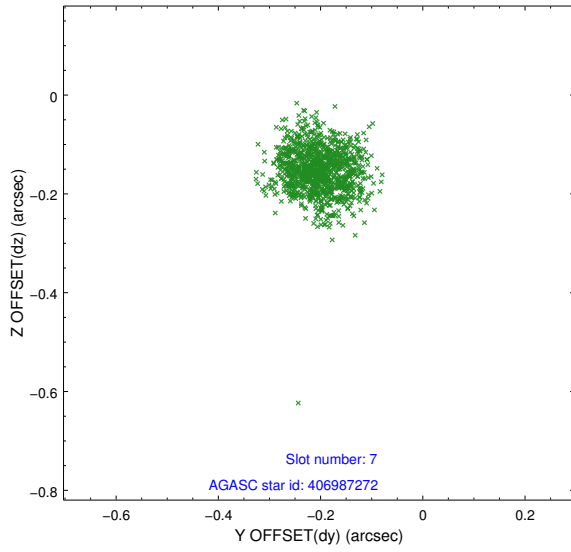
2.4.3 Slot 5



2.4.4 Slot 6

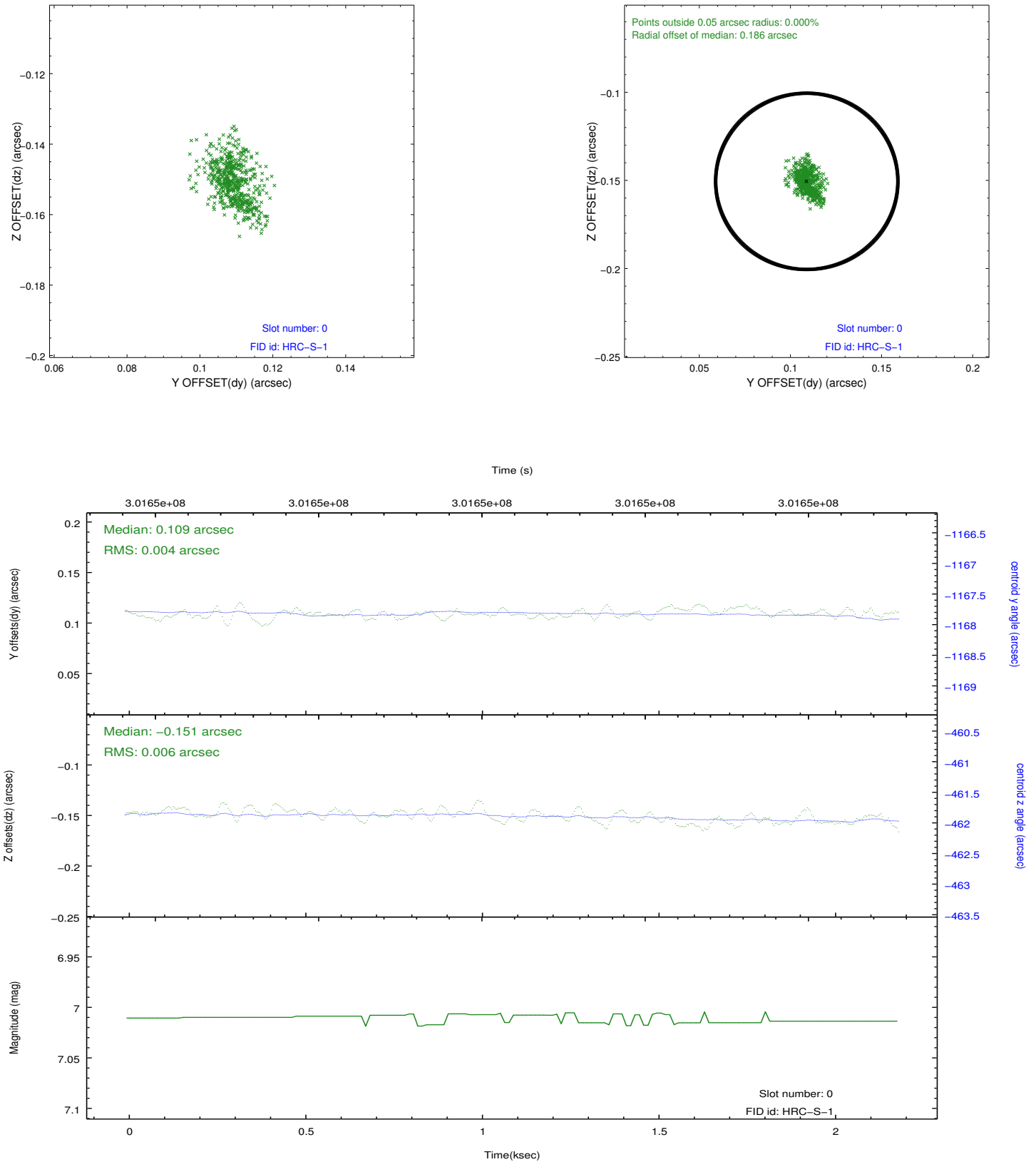


2.4.5 Slot 7

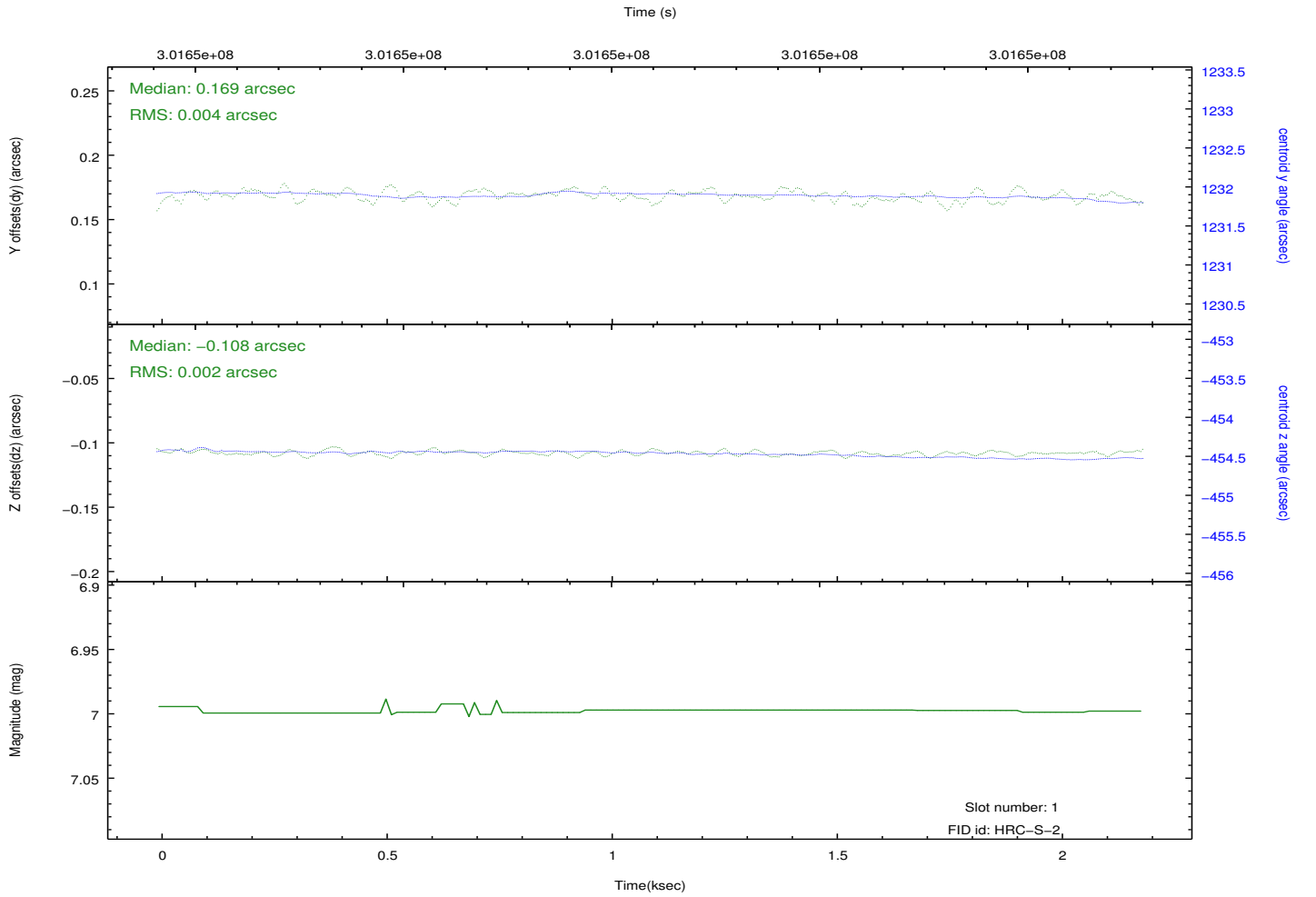
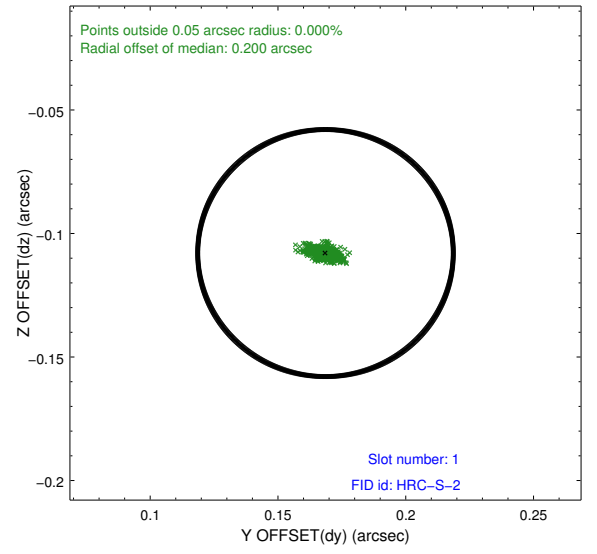
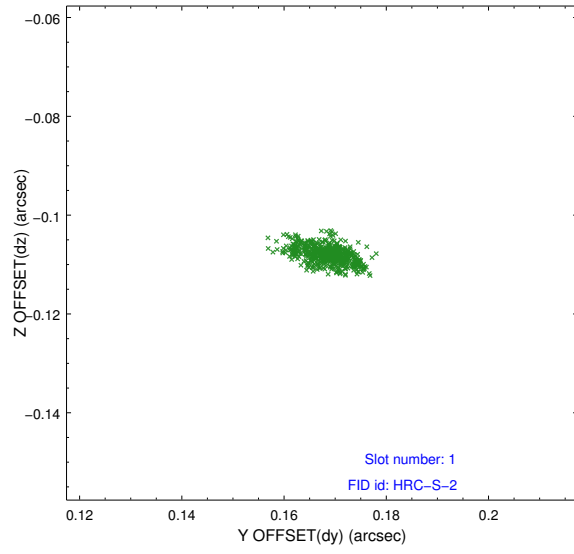


2.5 FID Slots

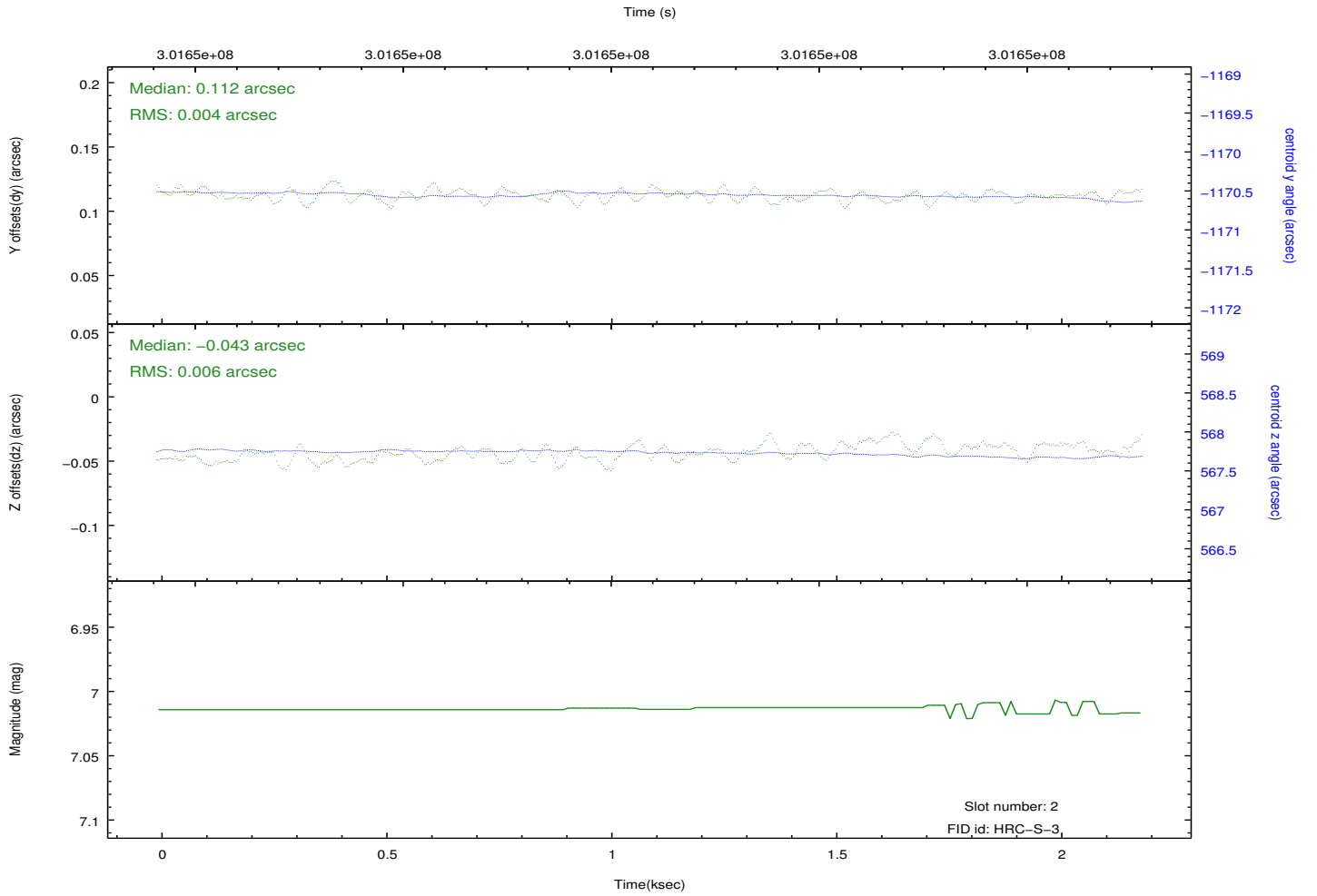
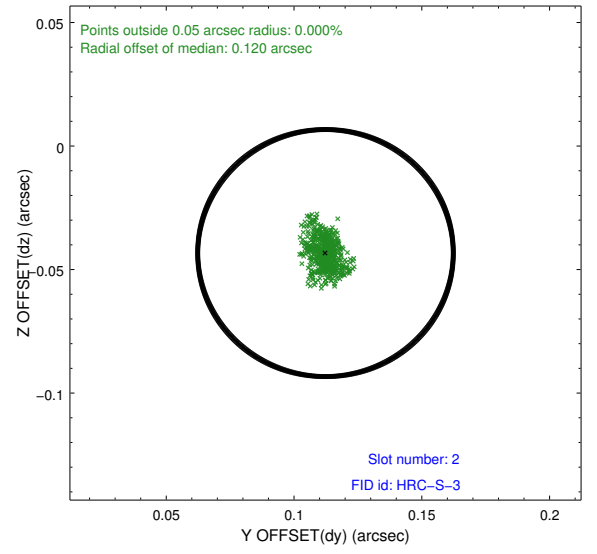
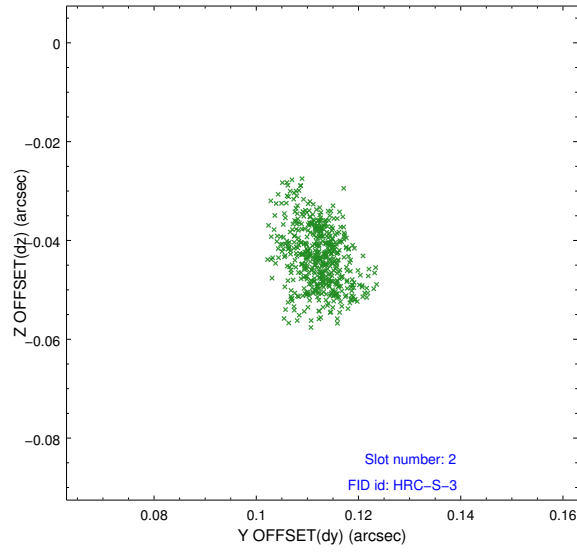
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.16198135

A.2 Comments

Window preference met.