

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8290 - L2 Version 3
Chandra X-Ray Center

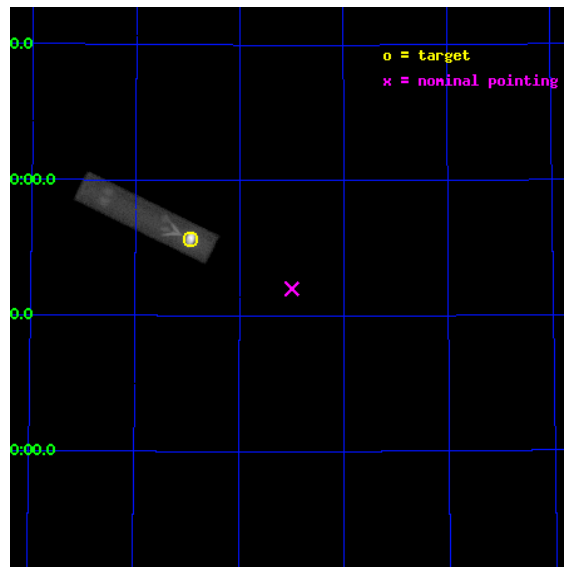
L2 Processing Date : Aug 11 2012

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1 Front

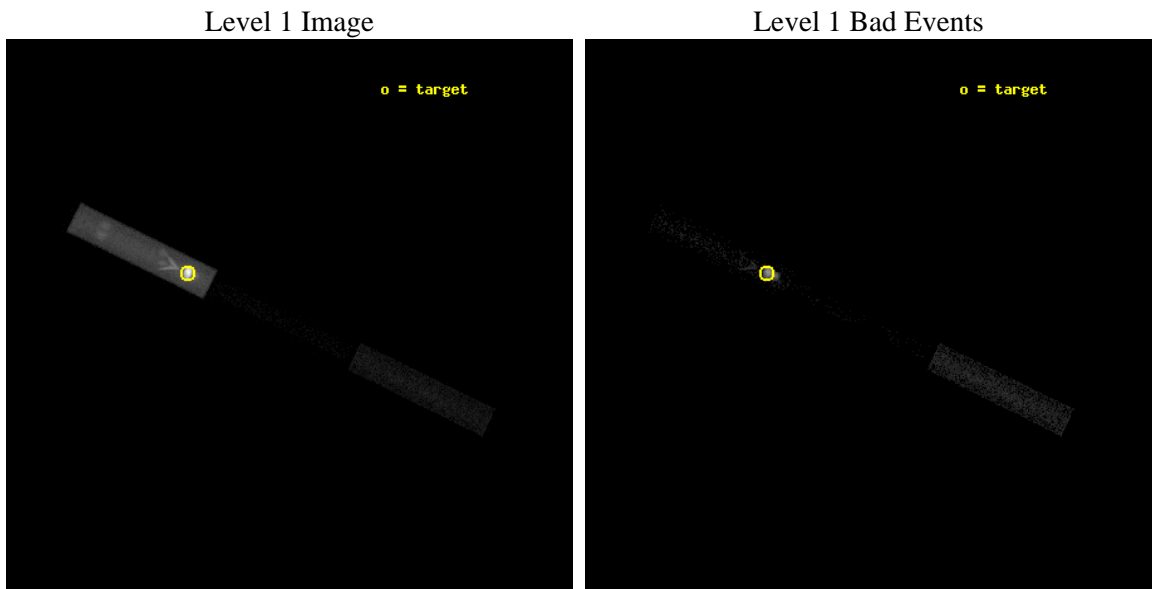
seq_num	290669	Sequence number
obs_id	8290	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.74833826674	Nominal RA [deg]
dec_nom	38.601169019358	Nominal Dec [deg]
roll_nom	205.93145429044	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2184.5313547254	[s]
livetime	768.00000513869	Ontime multiplied by DTCOR
l2events	387790	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	2184.5313547254	[s]
caldsver	4.5.1.1	 	l1events	456997	Number of level 1 events
date	2012-08-11T22:47:20	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

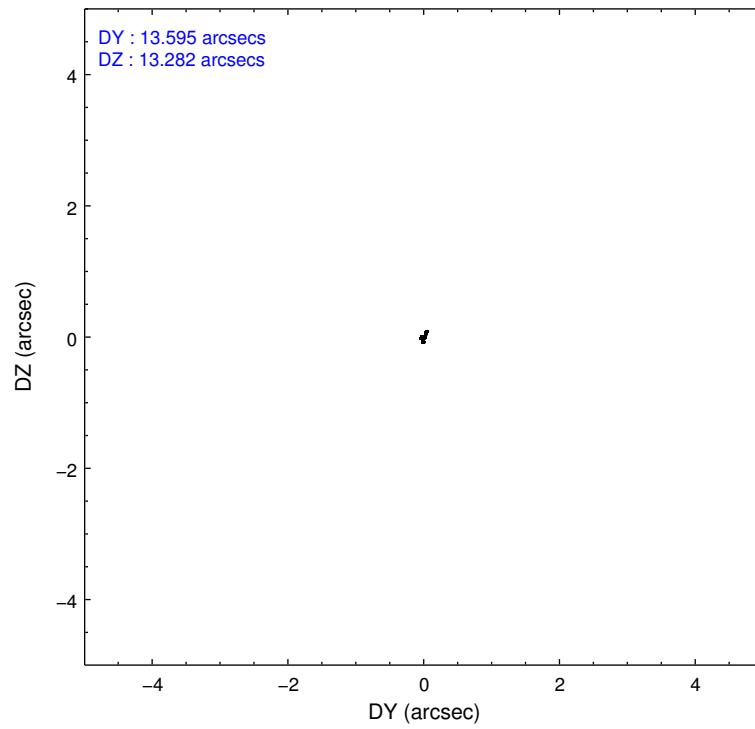
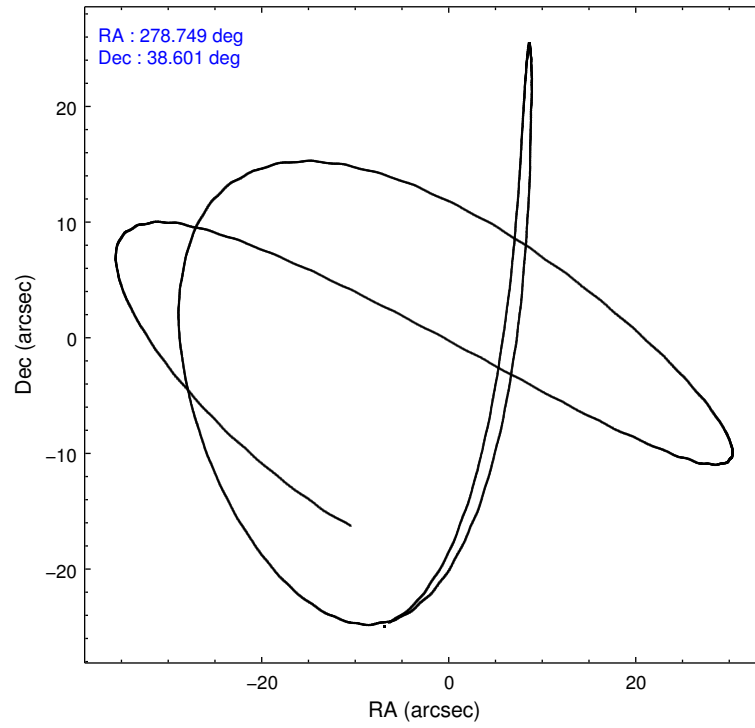
	segment 1	segment 2	segment 3
level 1 events	447972	512	8513
rejected events	45180	500	8465
rejected %	10%	97%	99%

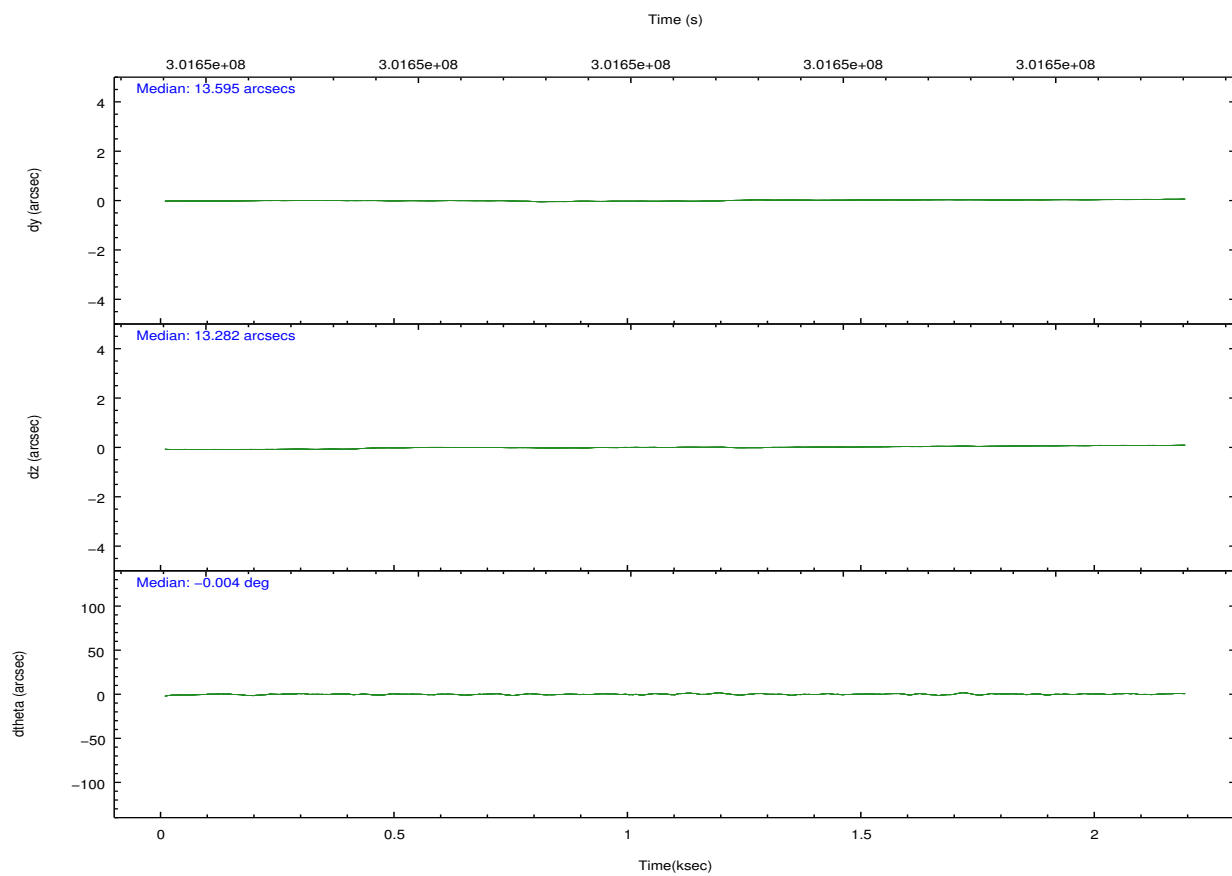
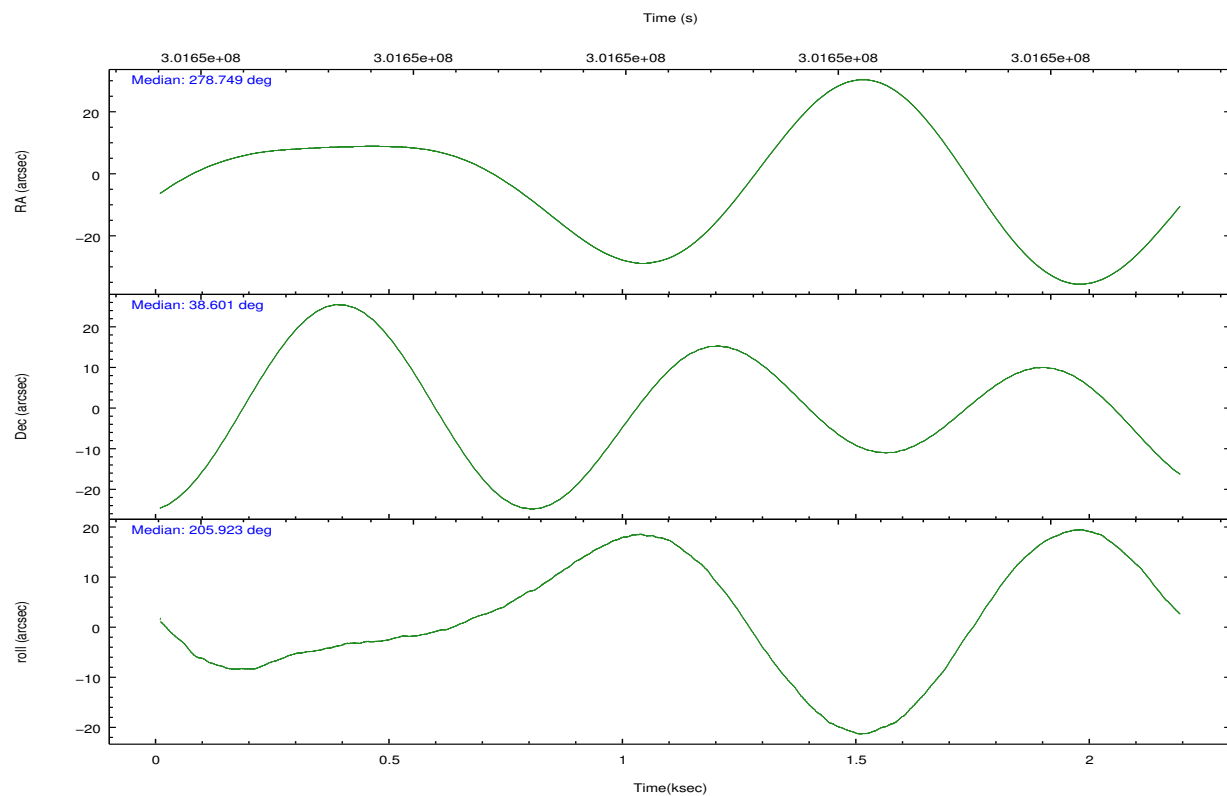
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	278.767526	278.7483382667373
[deg] Pointing Dec	38.625545	38.60116901935819
[deg] Pointing Roll	205.852132	205.9314542904354
[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)	301648194.184000	301647817.85872
Observation start date	2007-07-24T07:08:49	2007-07-24T07:03:37
[s] Observation end time (MET)	301650194.184000	301650329.10884
Observation end date	2007-07-24T07:42:09	2007-07-24T07:45:29

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



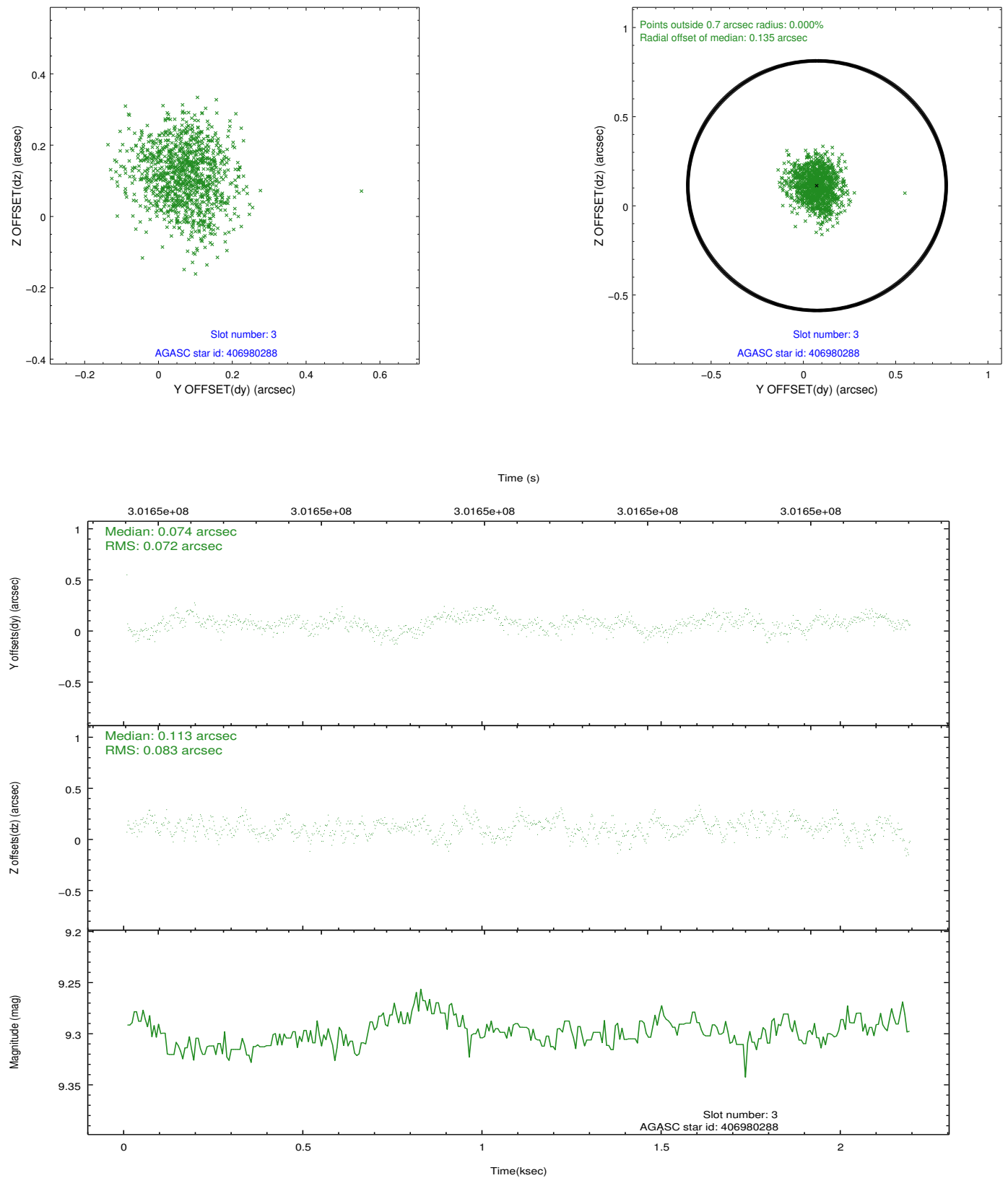


Slot Statistics

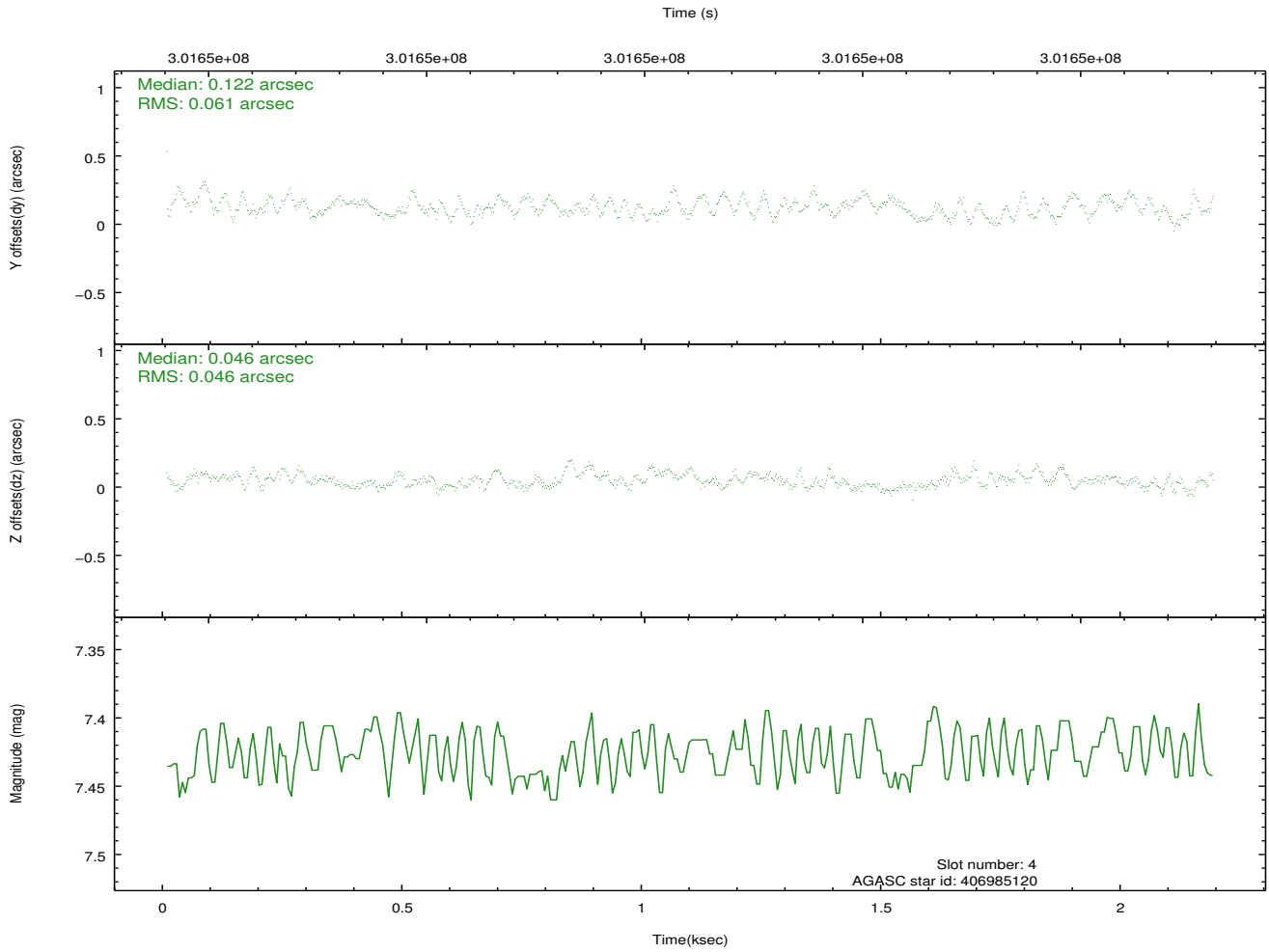
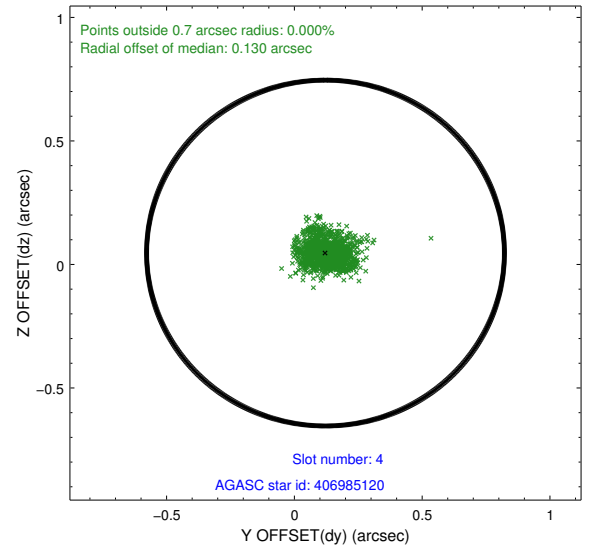
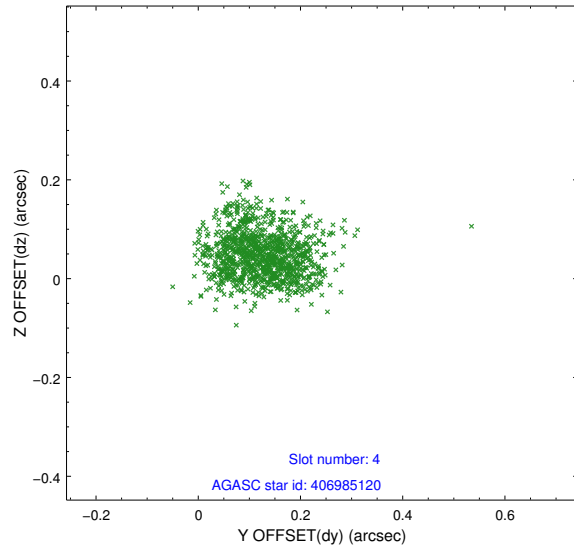
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	533	0.111	-0.160	0.007	0.012	0.000000	0.000000	-1167.92	-462.09
1	FID	HRC-S-2	7.00	533	0.168	-0.109	0.004	0.009	0.000000	0.000000	1229.60	-455.53
2	FID	HRC-S-3	7.02	533	0.111	-0.034	0.007	0.012	0.000000	0.000000	-1168.34	566.70
3	GUIDE	406980288	9.30	1065	0.074	0.113	0.119	0.186	278.903147	39.061646	-1027.27	-1248.08
4	GUIDE	406985120	7.43	1067	0.122	0.046	0.080	0.127	278.839732	38.894839	-605.31	-784.58
5	GUIDE	406987272	6.93	1067	-0.119	-0.163	0.074	0.111	278.536588	38.437504	880.41	324.20
6	GUIDE	406987384	8.95	1066	-0.103	-0.056	0.097	0.162	278.815518	38.115336	679.30	1713.43
7	GUIDE	406989616	8.22	1065	0.026	0.060	0.071	0.110	279.202881	38.520843	-939.58	873.75

2.4 Star Slots

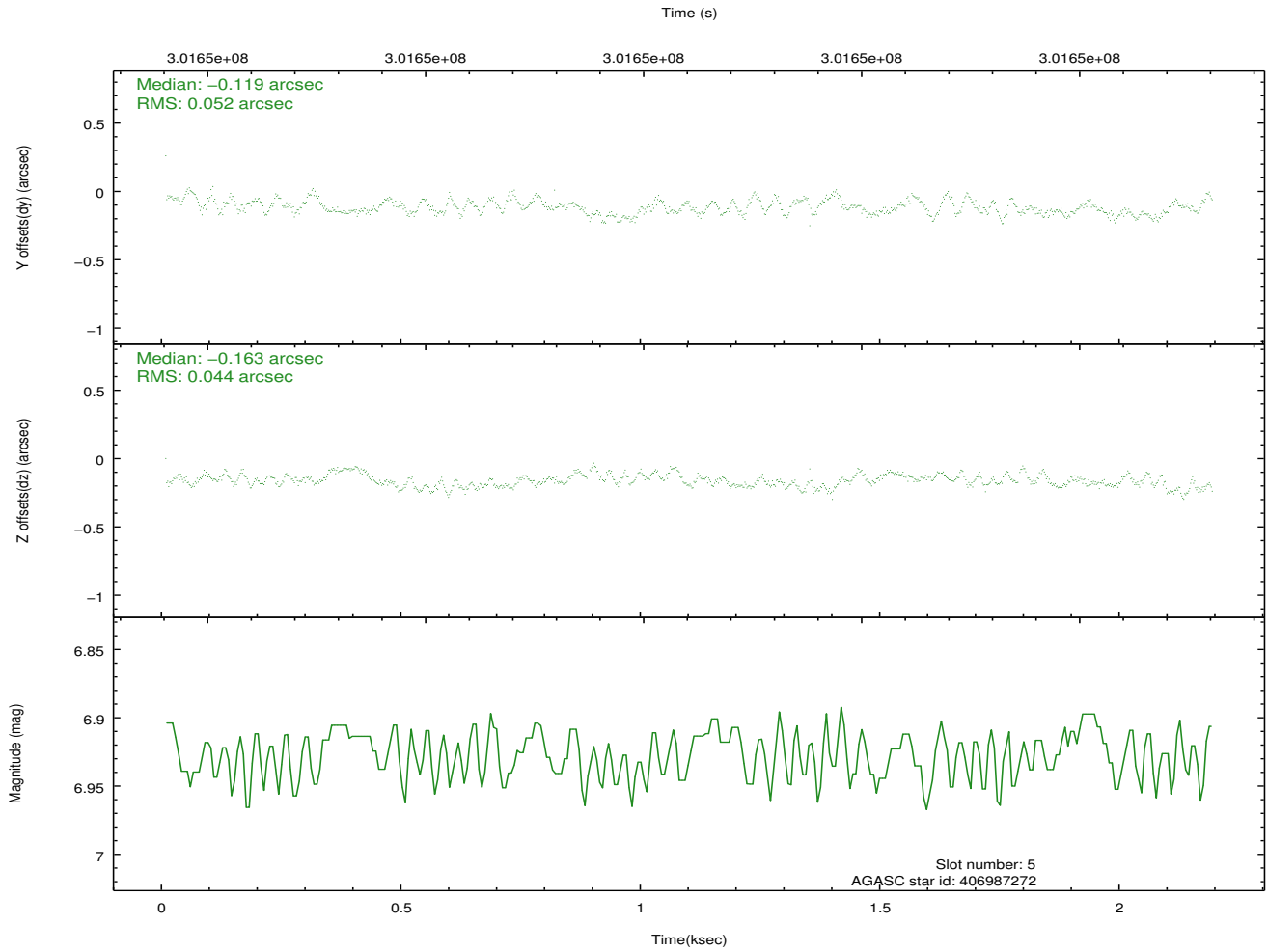
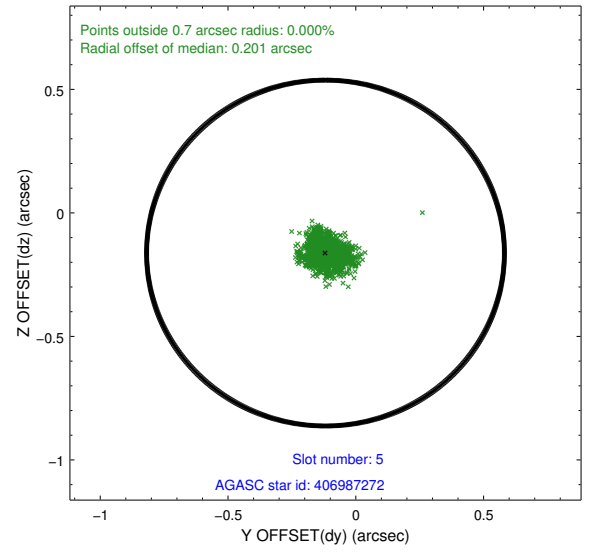
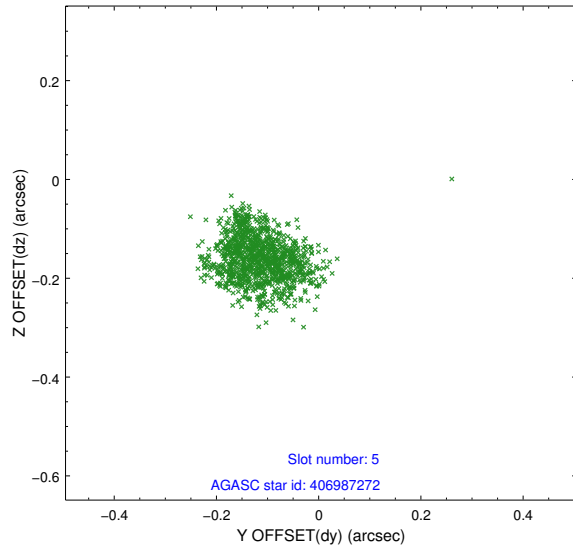
2.4.1 Slot 3



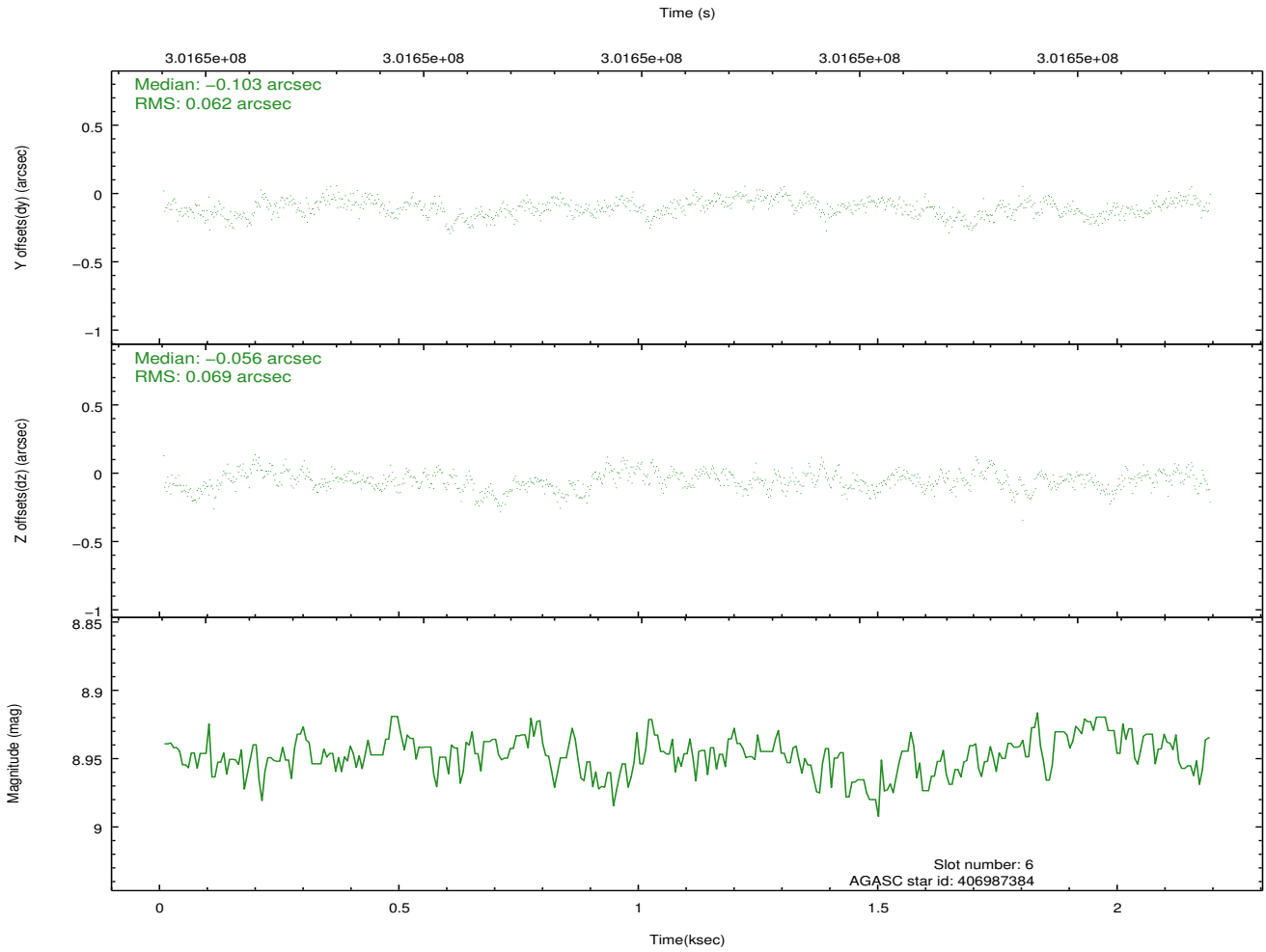
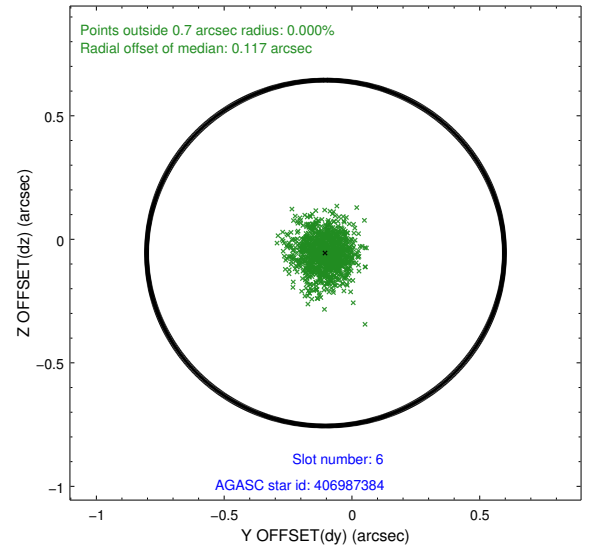
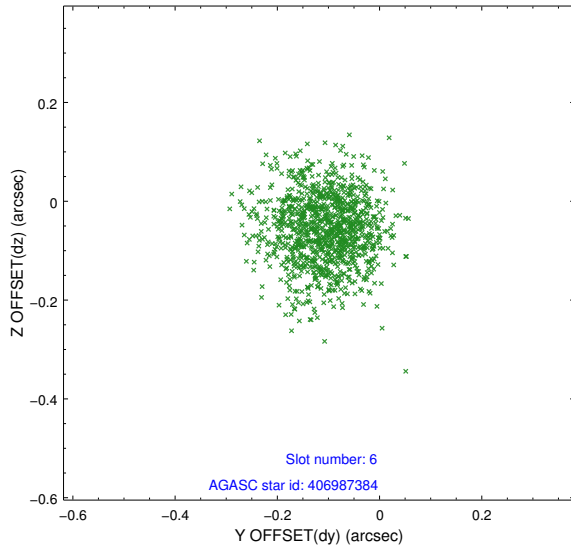
2.4.2 Slot 4



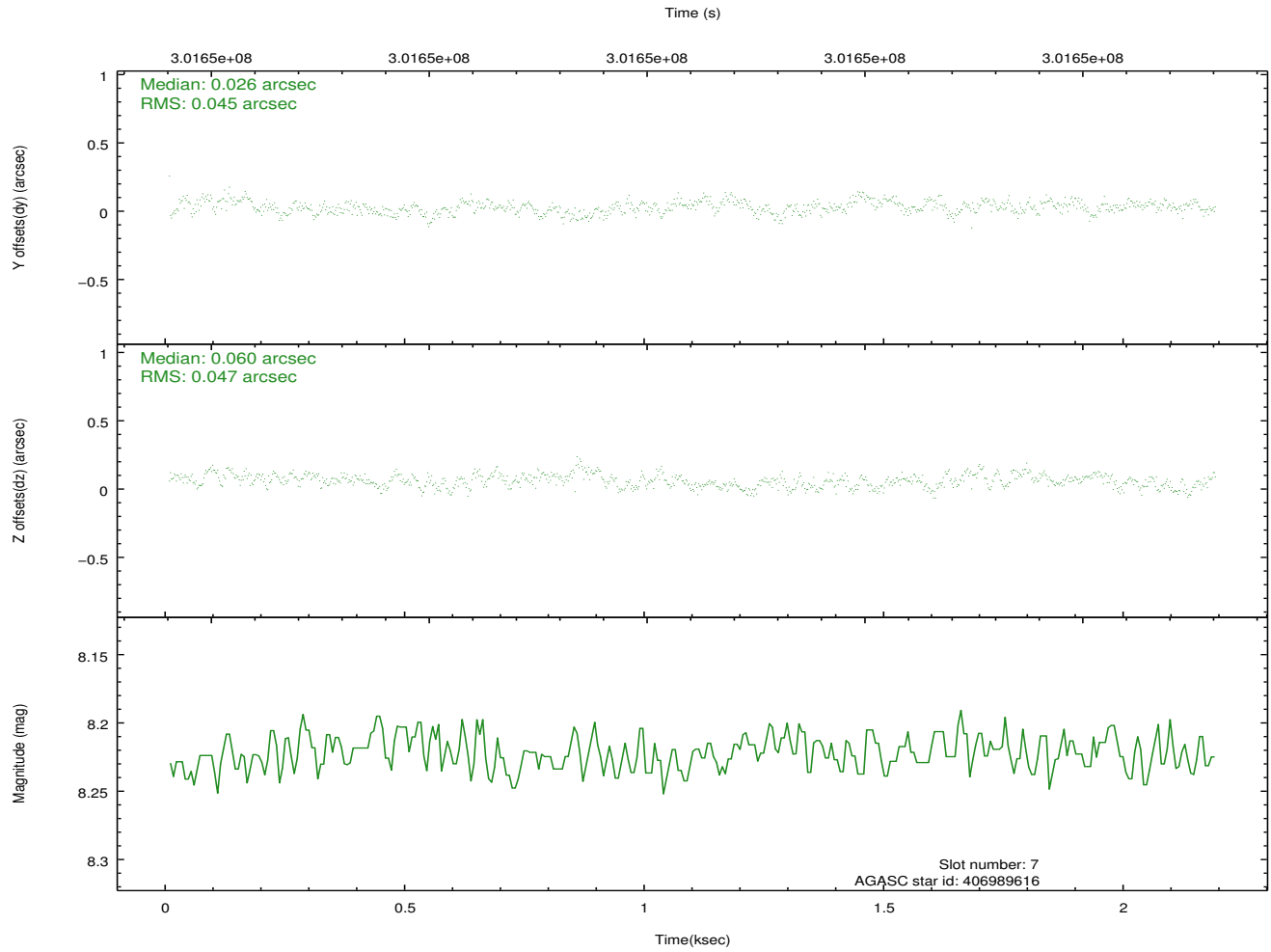
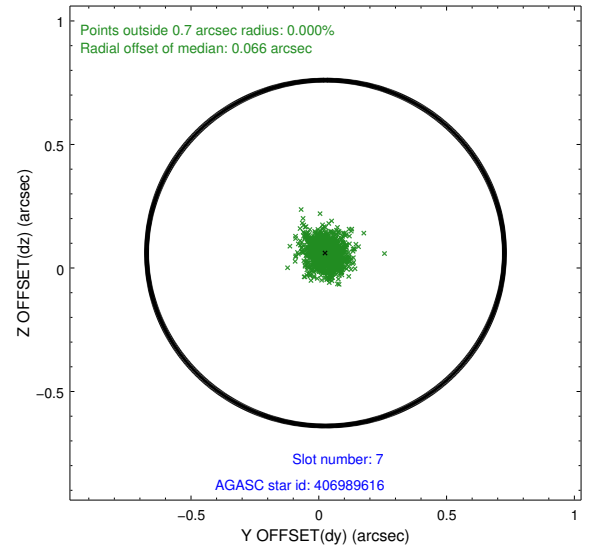
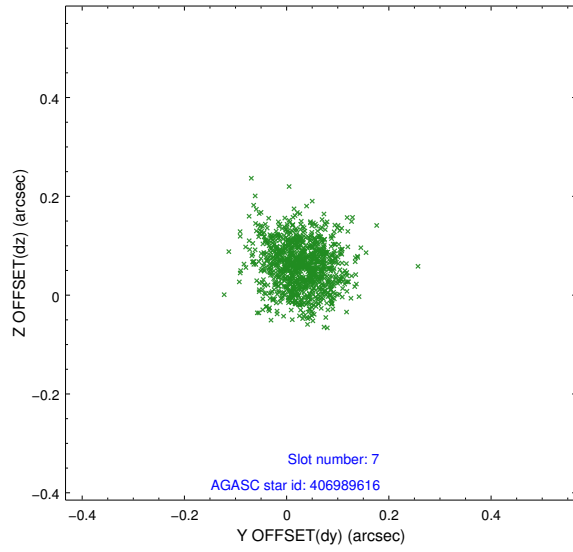
2.4.3 Slot 5



2.4.4 Slot 6

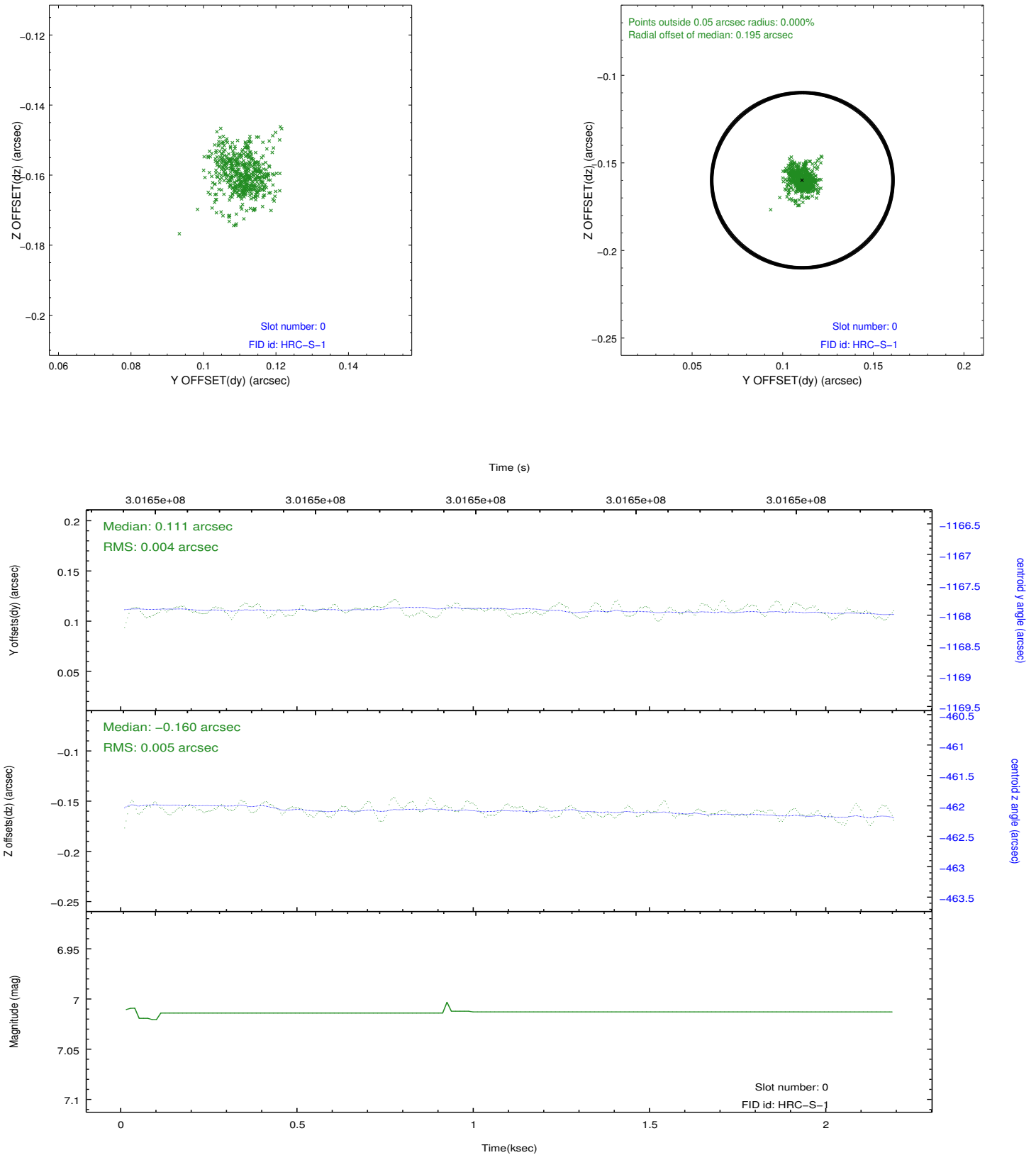


2.4.5 Slot 7

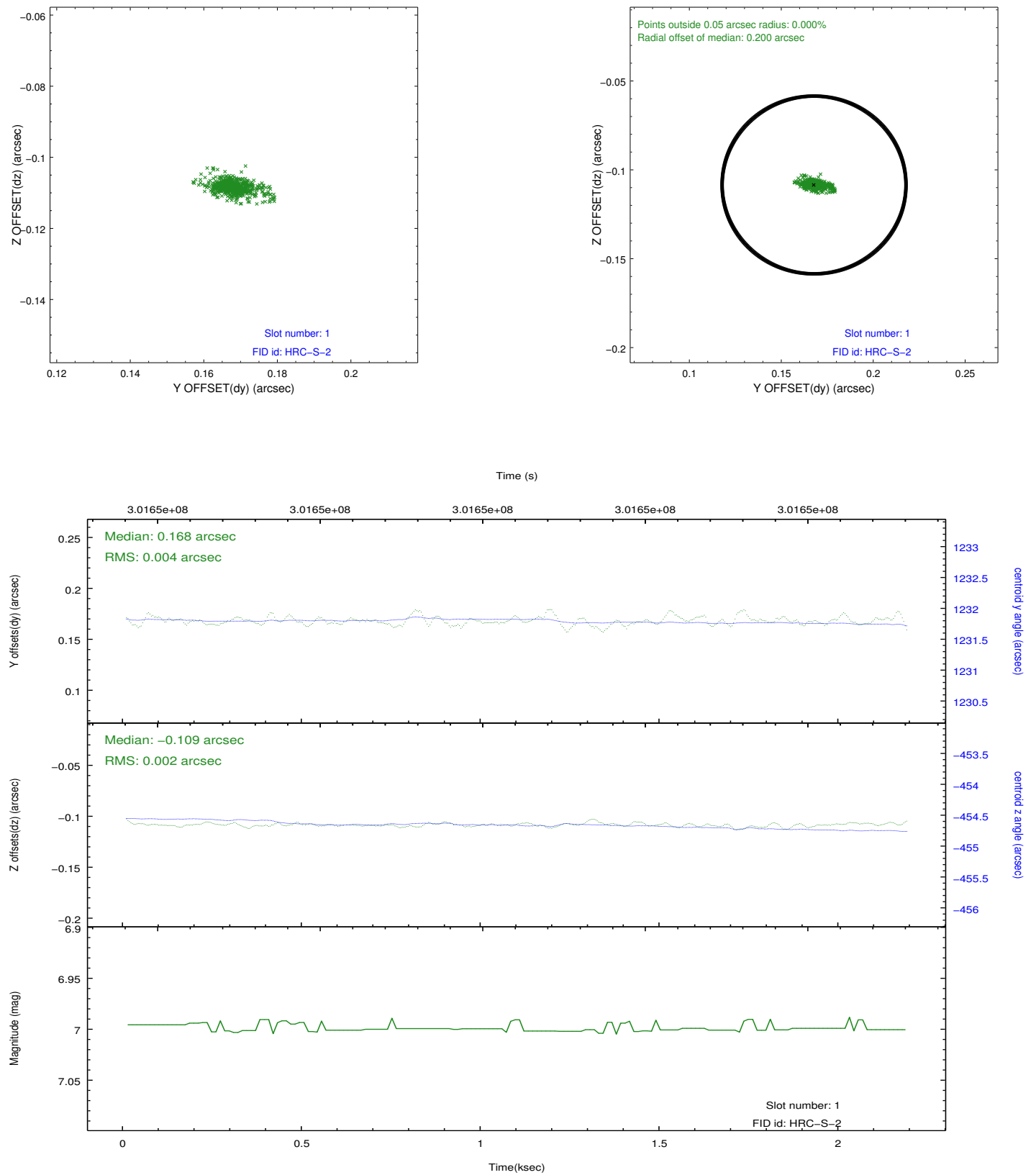


2.5 FID Slots

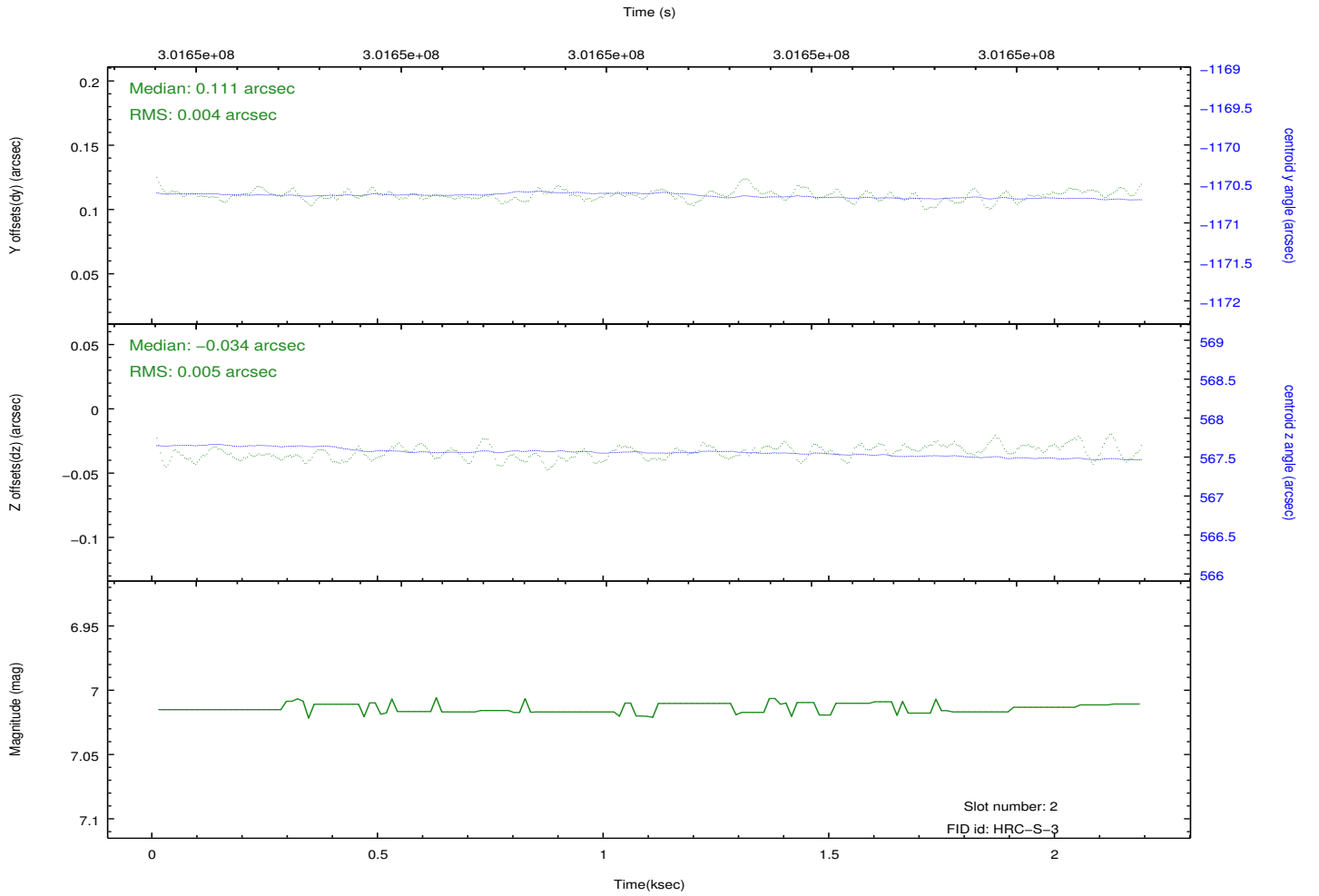
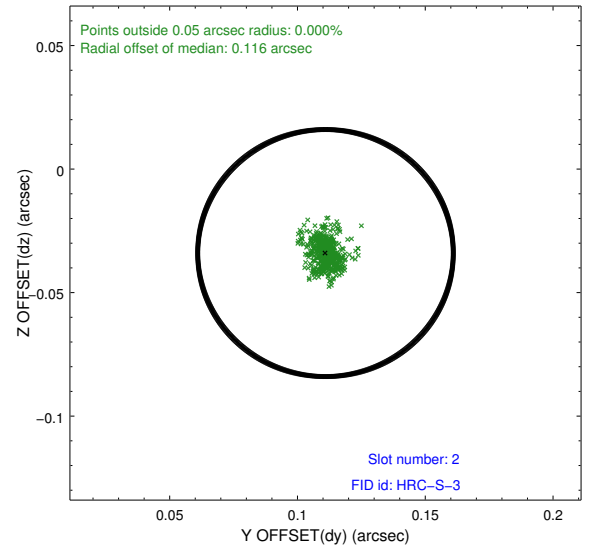
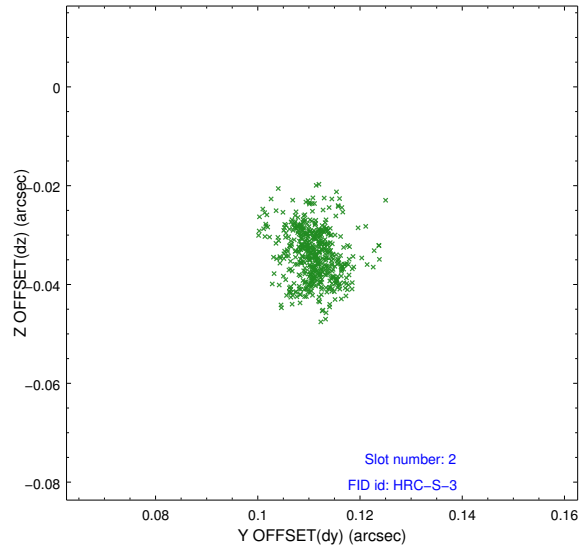
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18453135

A.2 Comments

Window constraint met.