

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5968 - L2 Version 3
Chandra X-Ray Center

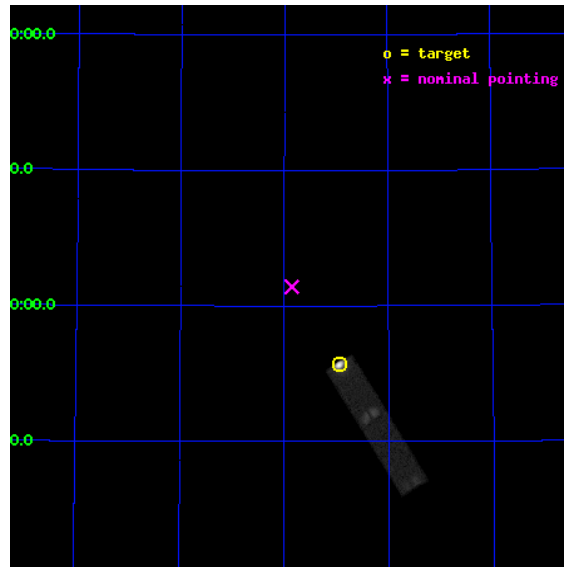
L2 Processing Date : Dec 17 2012

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1 Front

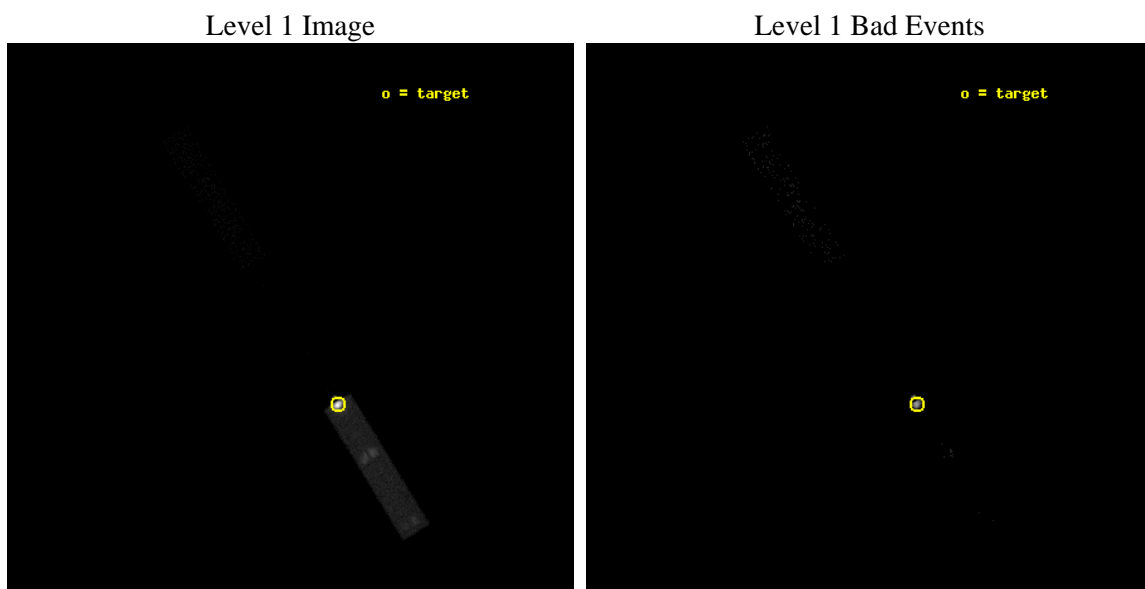
seq_num	290460	Sequence number
obs_id	5968	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.46348836507	Nominal RA [deg]
dec_nom	39.071316801871	Nominal Dec [deg]
roll_nom	58.29316212777	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.5813489854	[s]
livetime	851.34285290847	Ontime multiplied by DTCOR
l2events	324758	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	8.5.1	Processing system revision	ontime	2186.5813489854	[s]
caldsver	4.5.5	 	l1events	444005	Number of level 1 events
date	2012-12-17T16:37:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

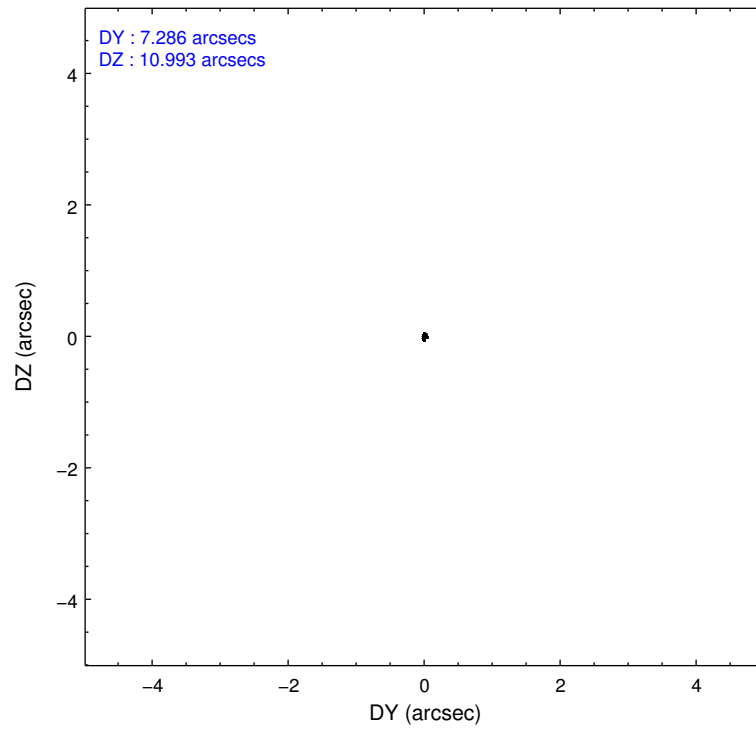
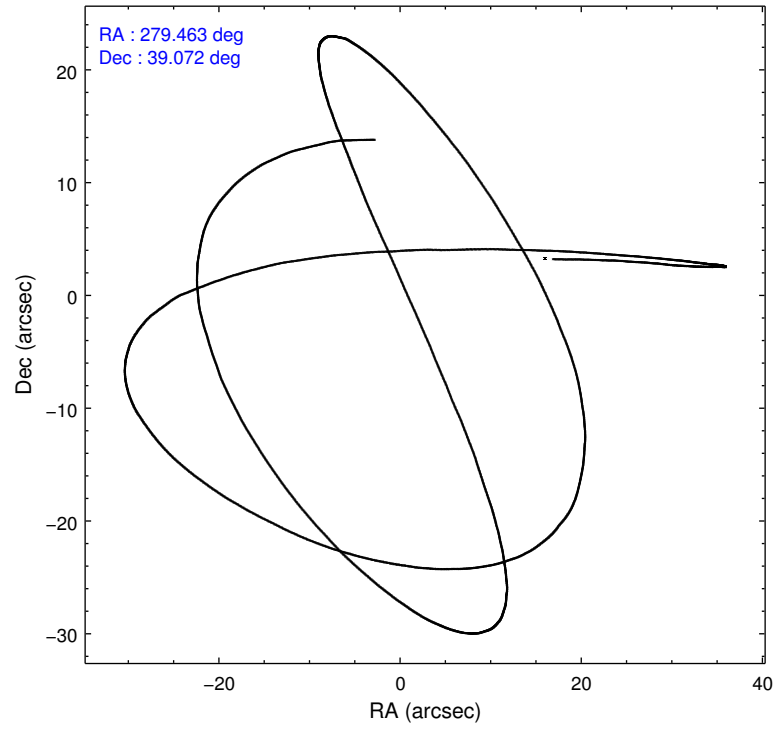
Level 1 Events

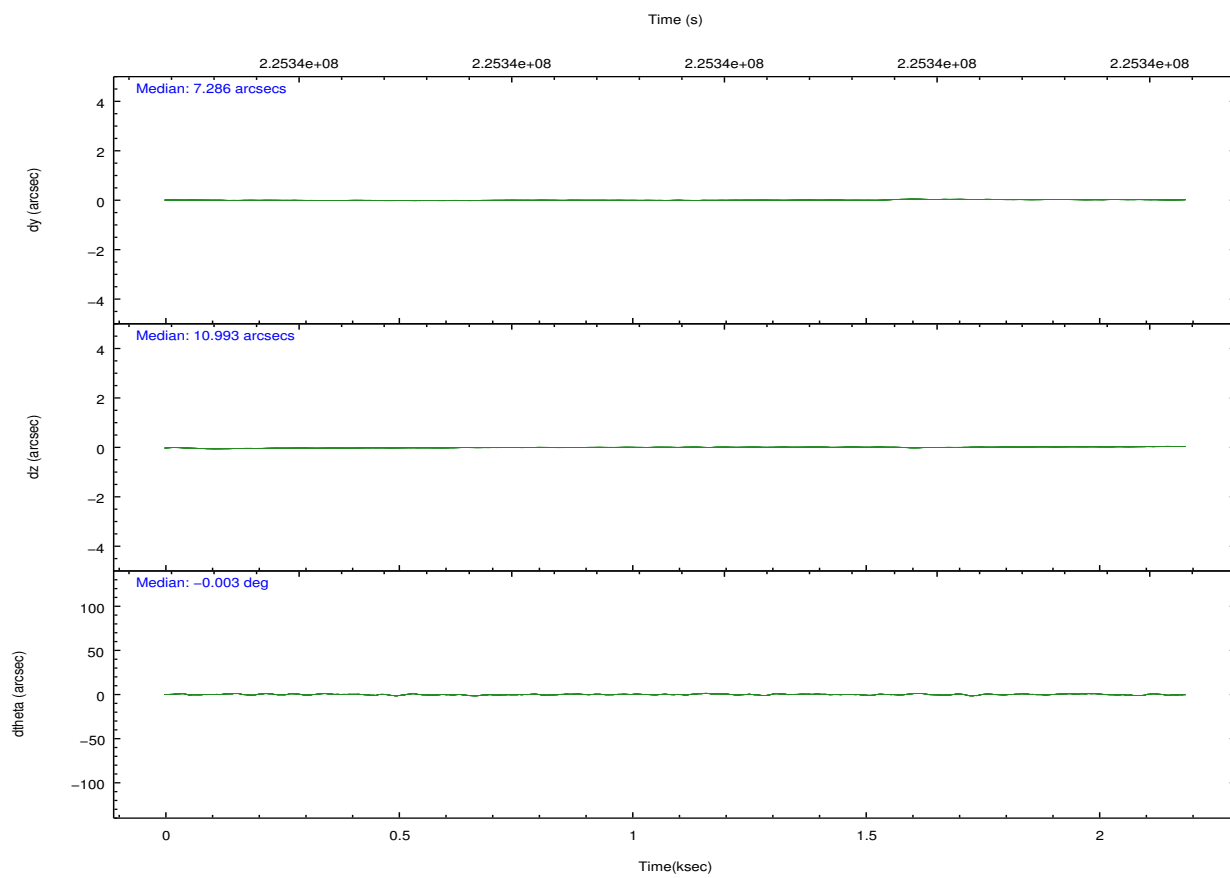
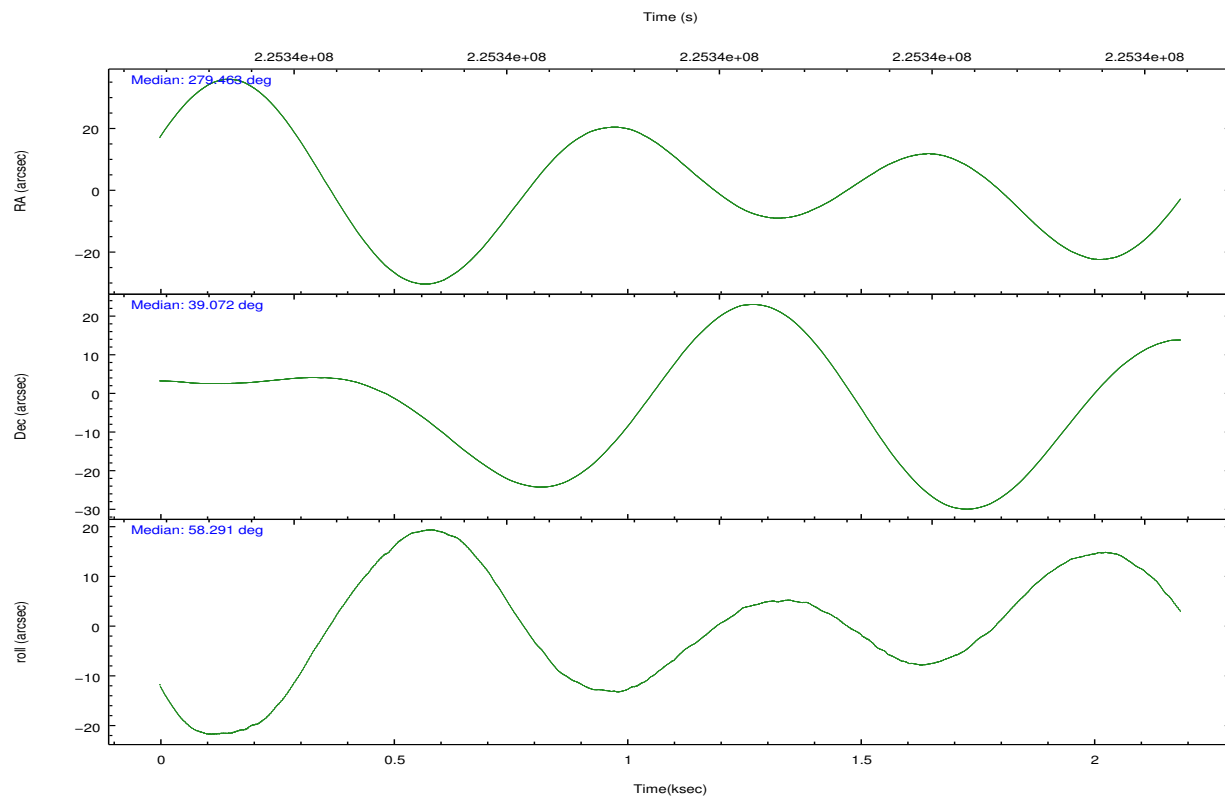
	segment 1	segment 2	segment 3
level 1 events	439222	839	3944
rejected events	36056	825	3944
rejected %	8%	98%	100%

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	279.464198	279.4634883650686			
[deg] Pointing Dec	39.042698	39.07131680187072			
[deg] Pointing Roll	58.225408	58.2931621277699			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	228614464.184000	228614464.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	225337479.184000	225337103.44878			
Observation start date	2005-02-21T01:43:35	2005-02-21T01:38:23			
[s] Observation end time (MET)	225339479.184000	225339613.6739			
Observation end date	2005-02-21T02:16:55	2005-02-21T02:20:13			

2.3 Aspect



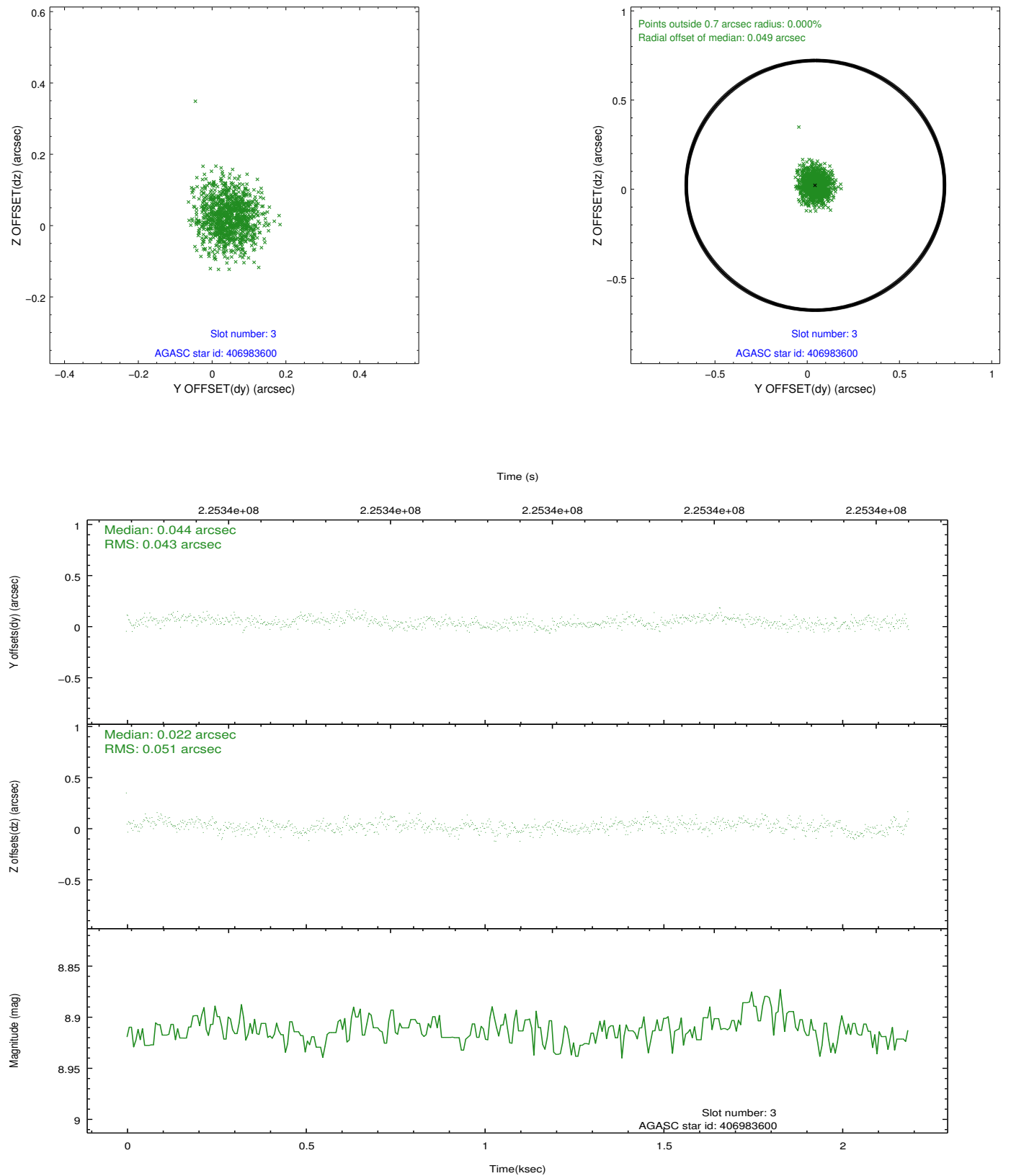


Slot Statistics

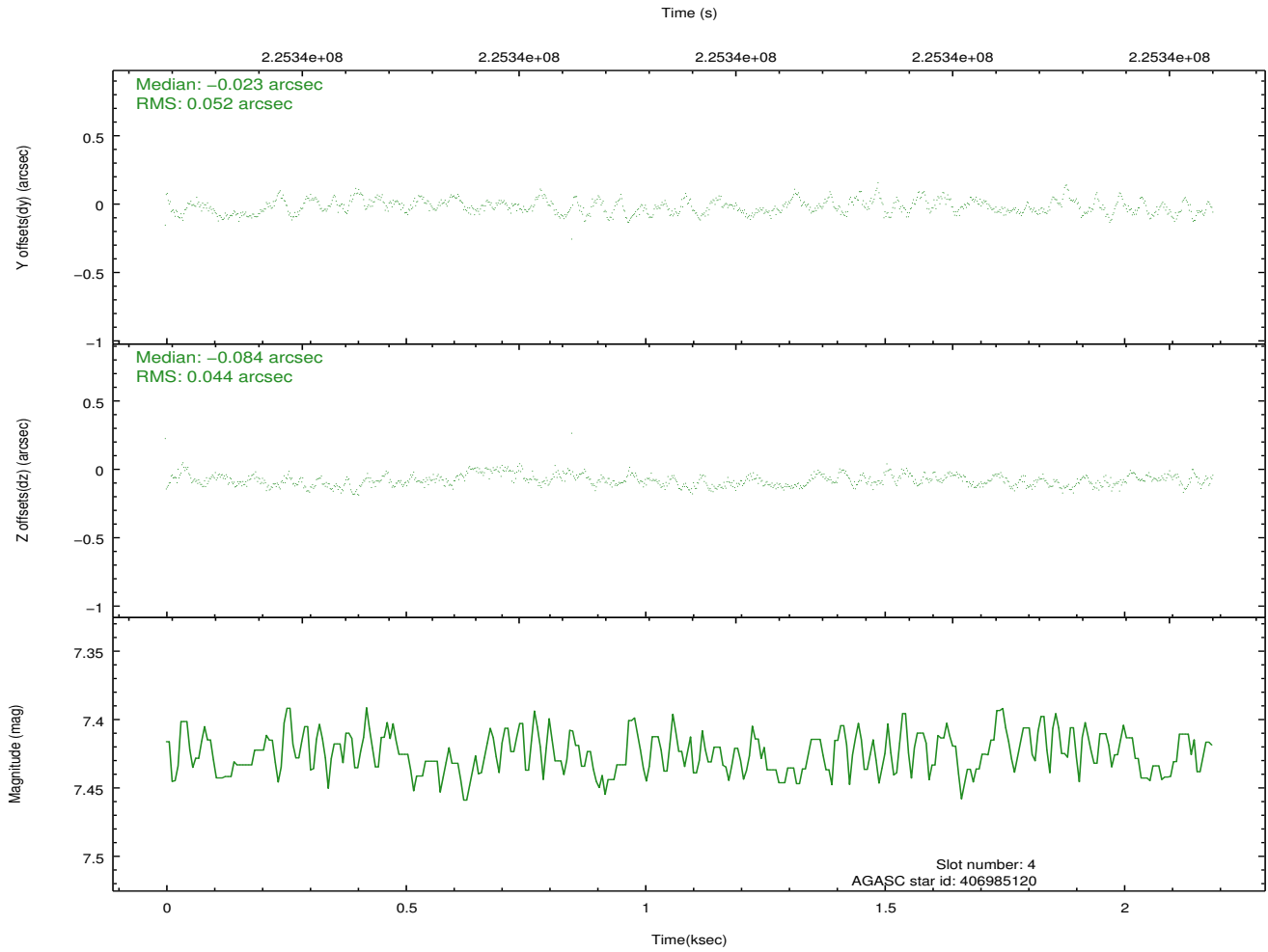
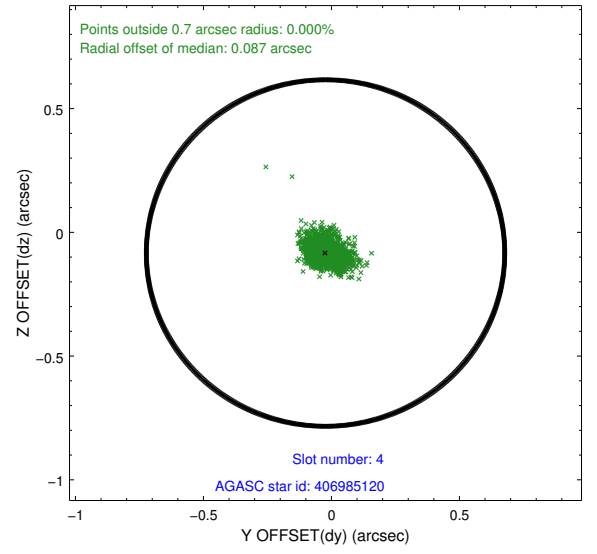
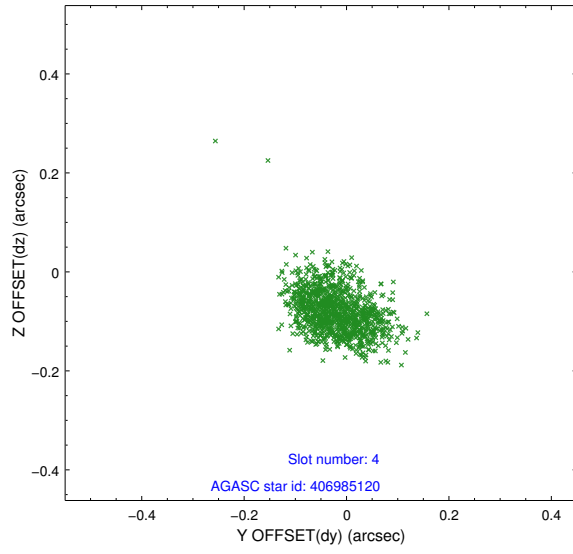
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	534	0.127	-0.164	0.006	0.010	0.000000	0.000000	-1161.45	-459.69
1	FID	HRC-S-2	7.01	534	0.170	-0.116	0.005	0.011	0.000000	0.000000	1236.10	-453.17
2	FID	HRC-S-3	7.02	533	0.093	-0.022	0.007	0.010	0.000000	0.000000	-1161.88	569.13
3	GUIDE	406983600	8.91	1068	0.044	0.022	0.070	0.113	279.940957	39.020708	637.89	-1173.81
4	GUIDE	406985120	7.43	1068	-0.023	-0.084	0.071	0.111	278.839732	38.894839	-1368.16	1209.30
5	GUIDE	406989616	8.23	1068	0.108	0.081	0.066	0.106	279.202881	38.520843	-1984.88	-361.66
6	GUIDE	407513096	8.15	1068	-0.210	0.132	0.062	0.099	279.928965	39.436841	1887.56	-349.57
7	GUIDE	407521232	8.65	1067	0.077	-0.158	0.073	0.118	279.628883	39.431715	1433.97	348.19

2.4 Star Slots

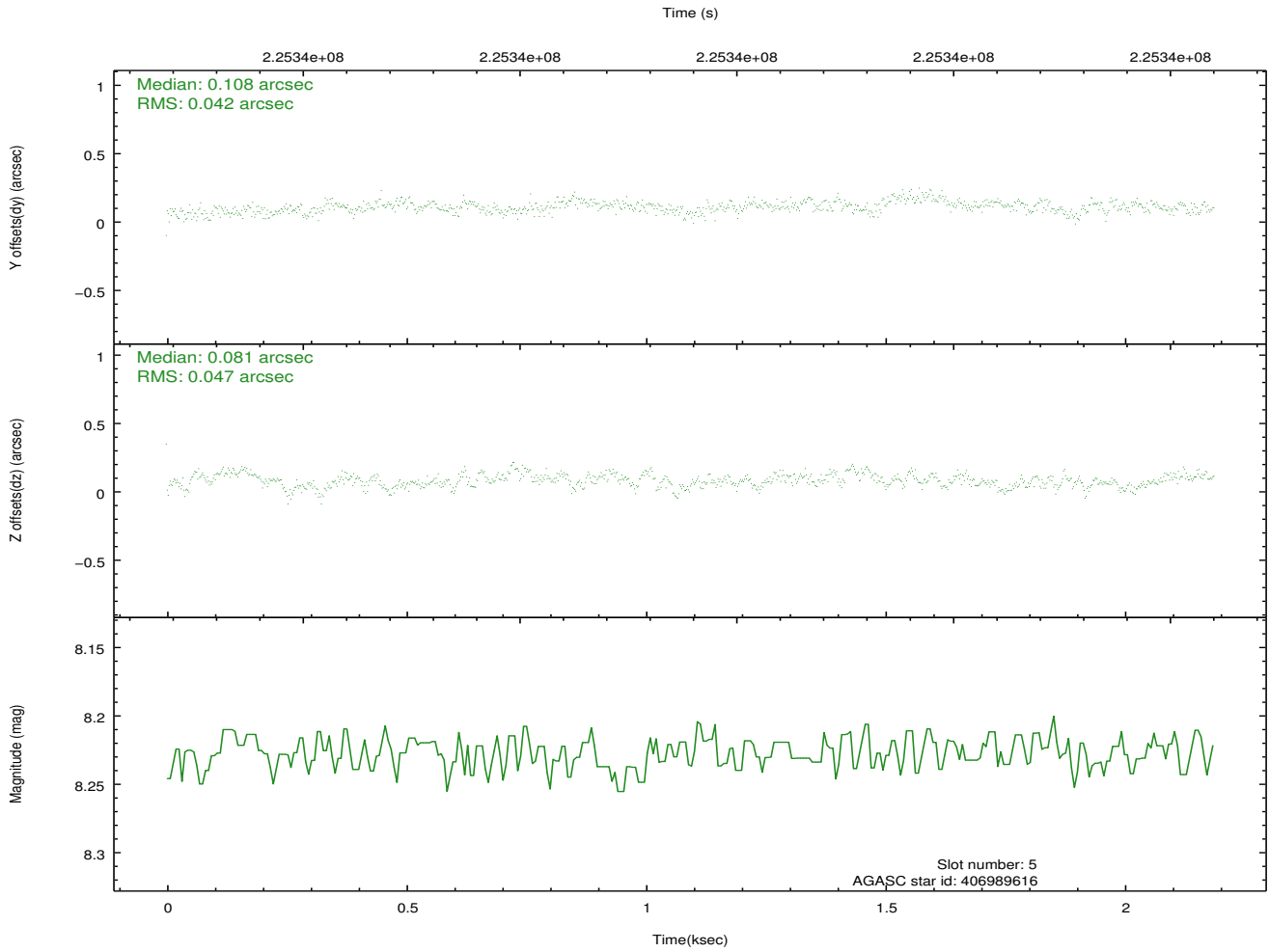
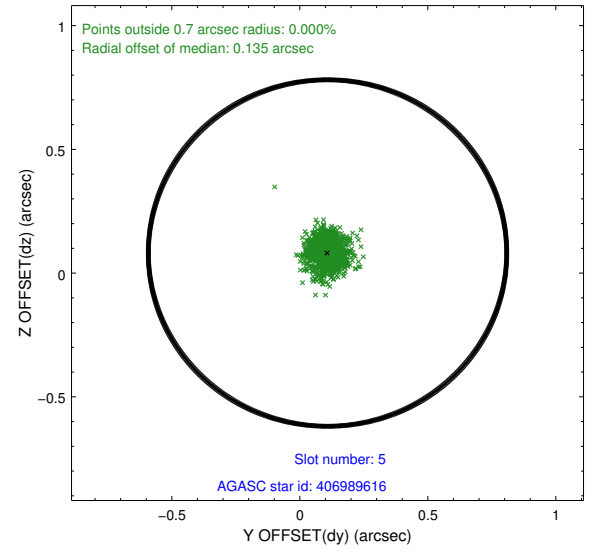
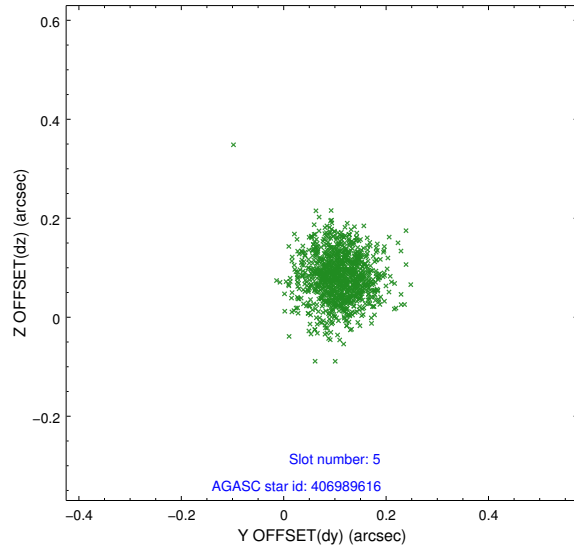
2.4.1 Slot 3



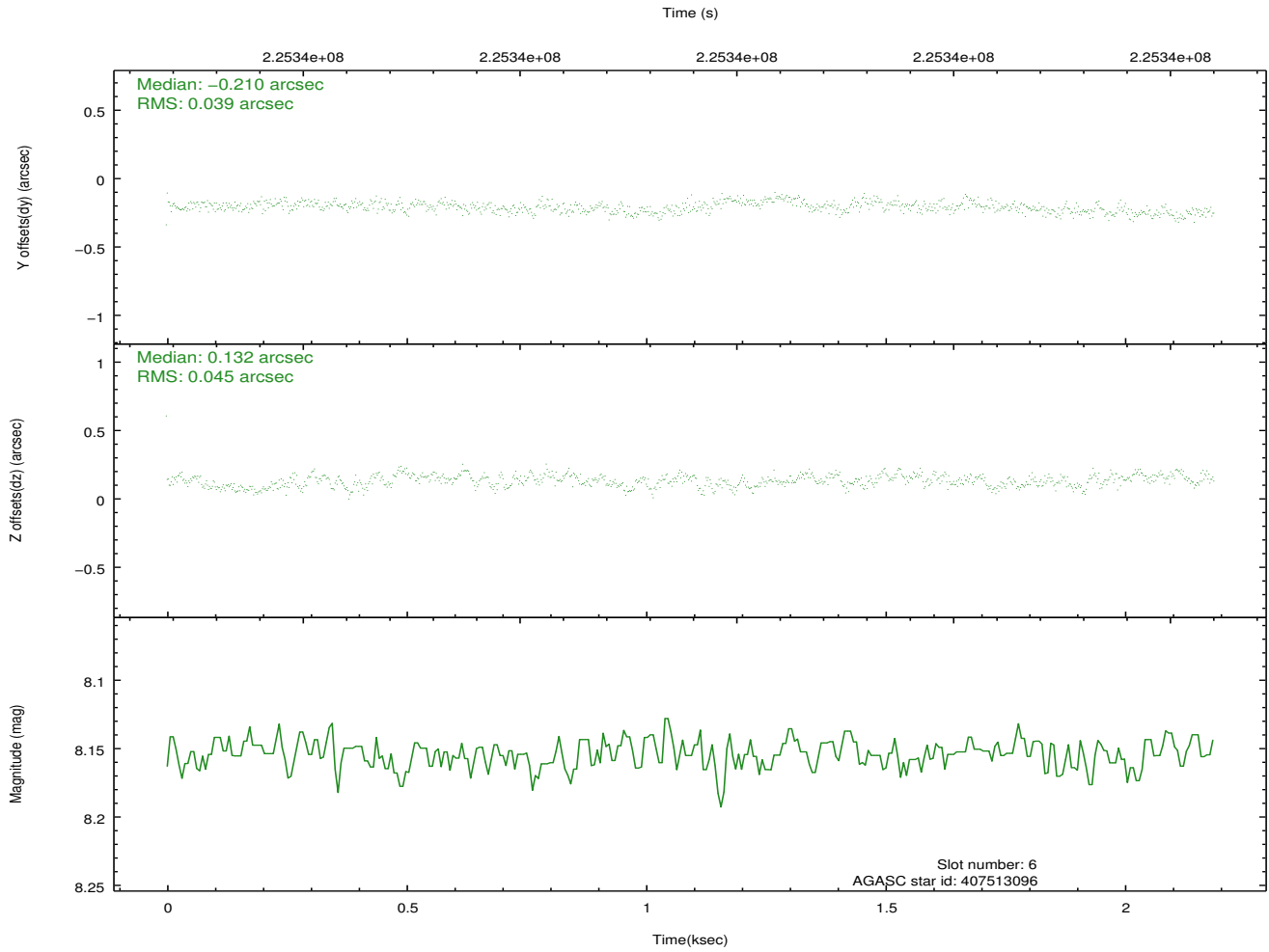
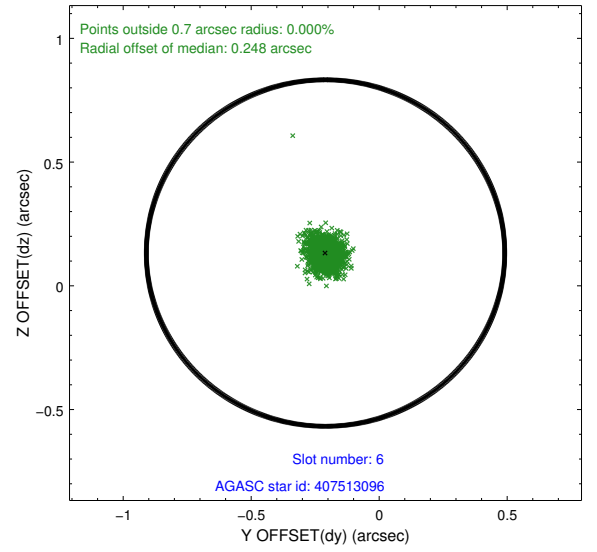
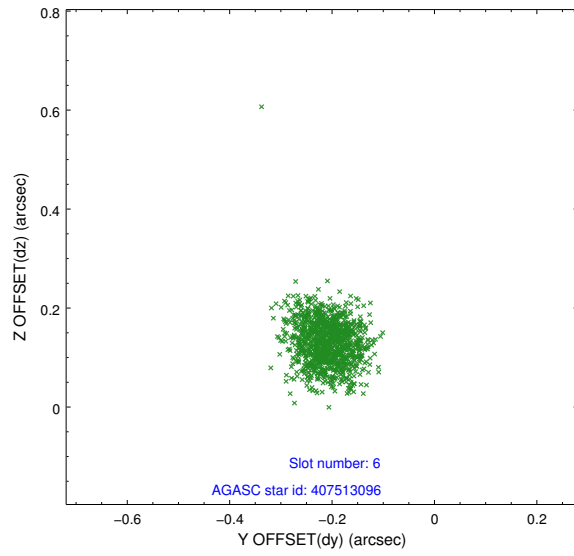
2.4.2 Slot 4



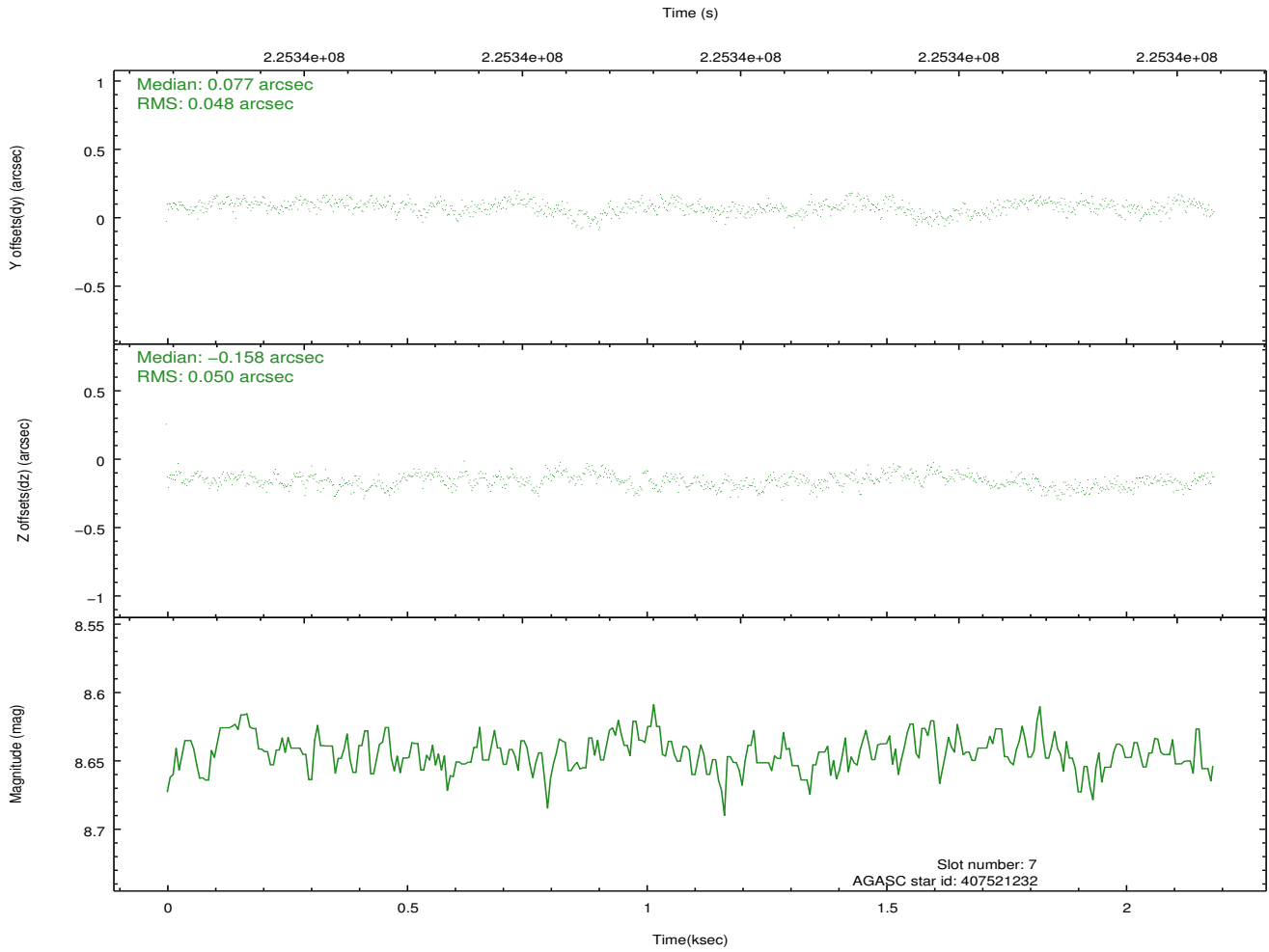
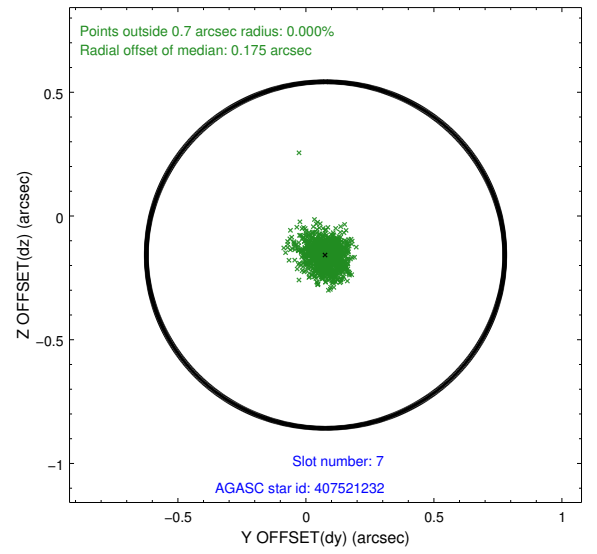
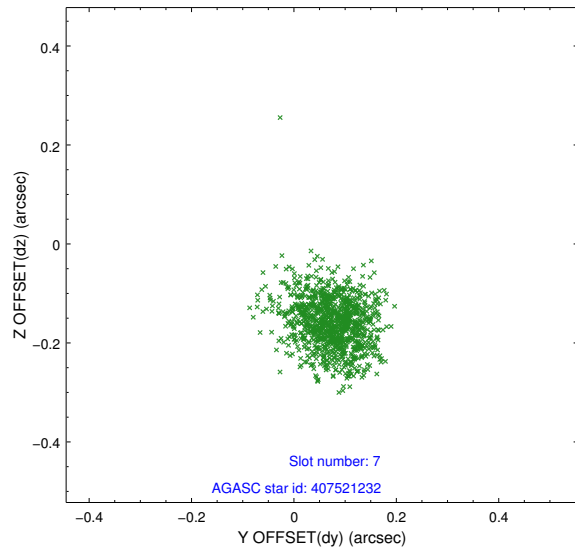
2.4.3 Slot 5



2.4.4 Slot 6

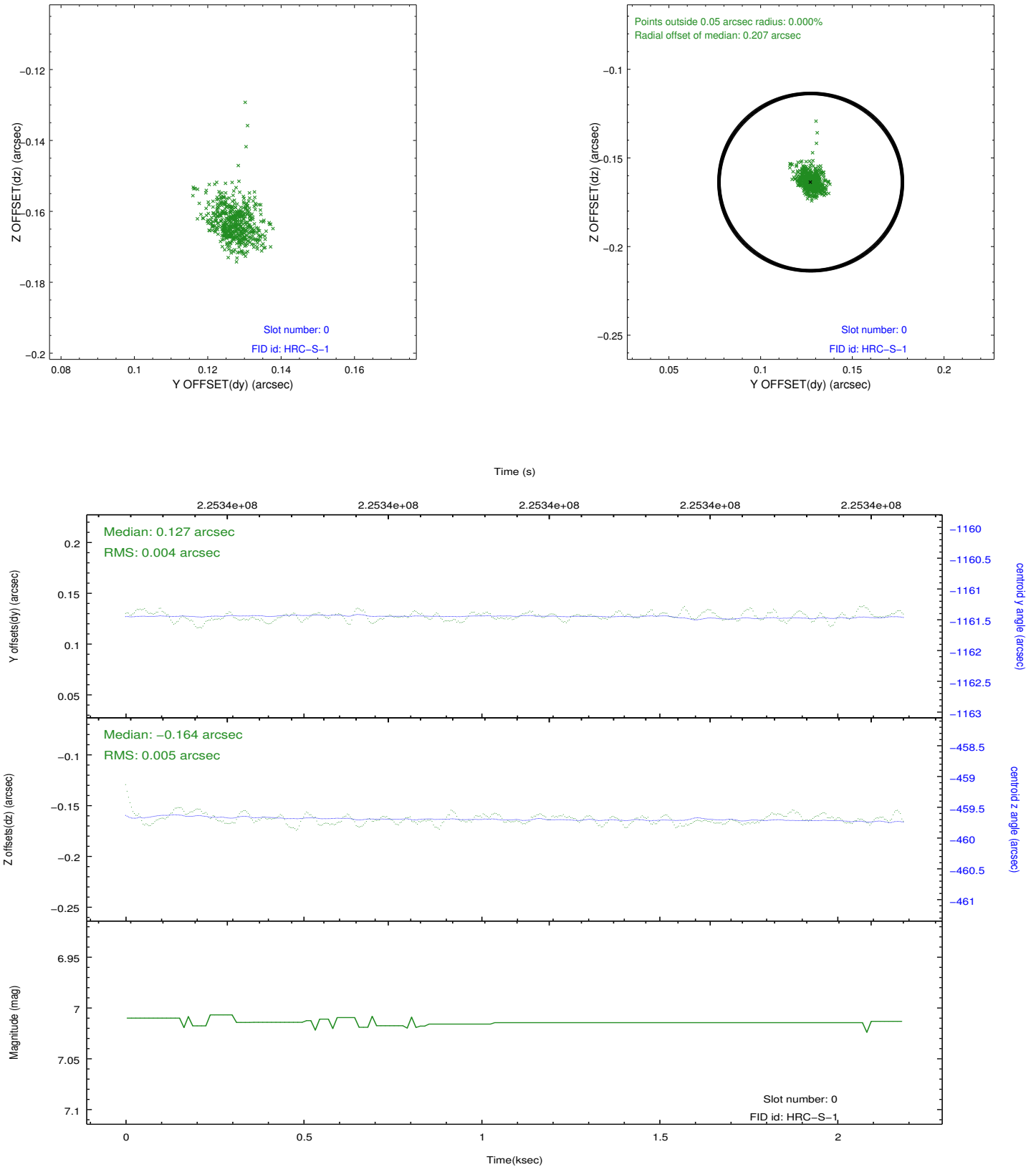


2.4.5 Slot 7

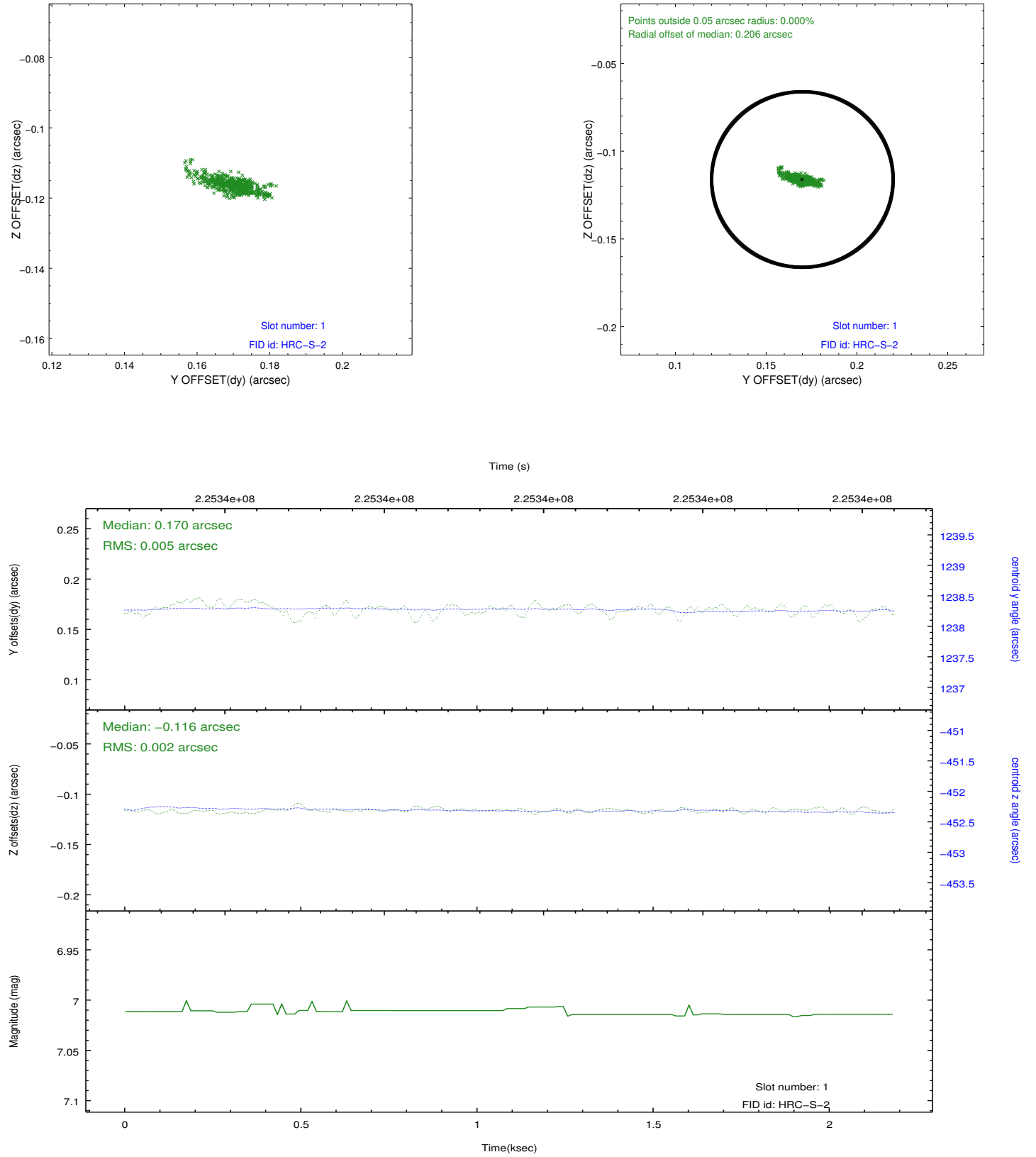


2.5 FID Slots

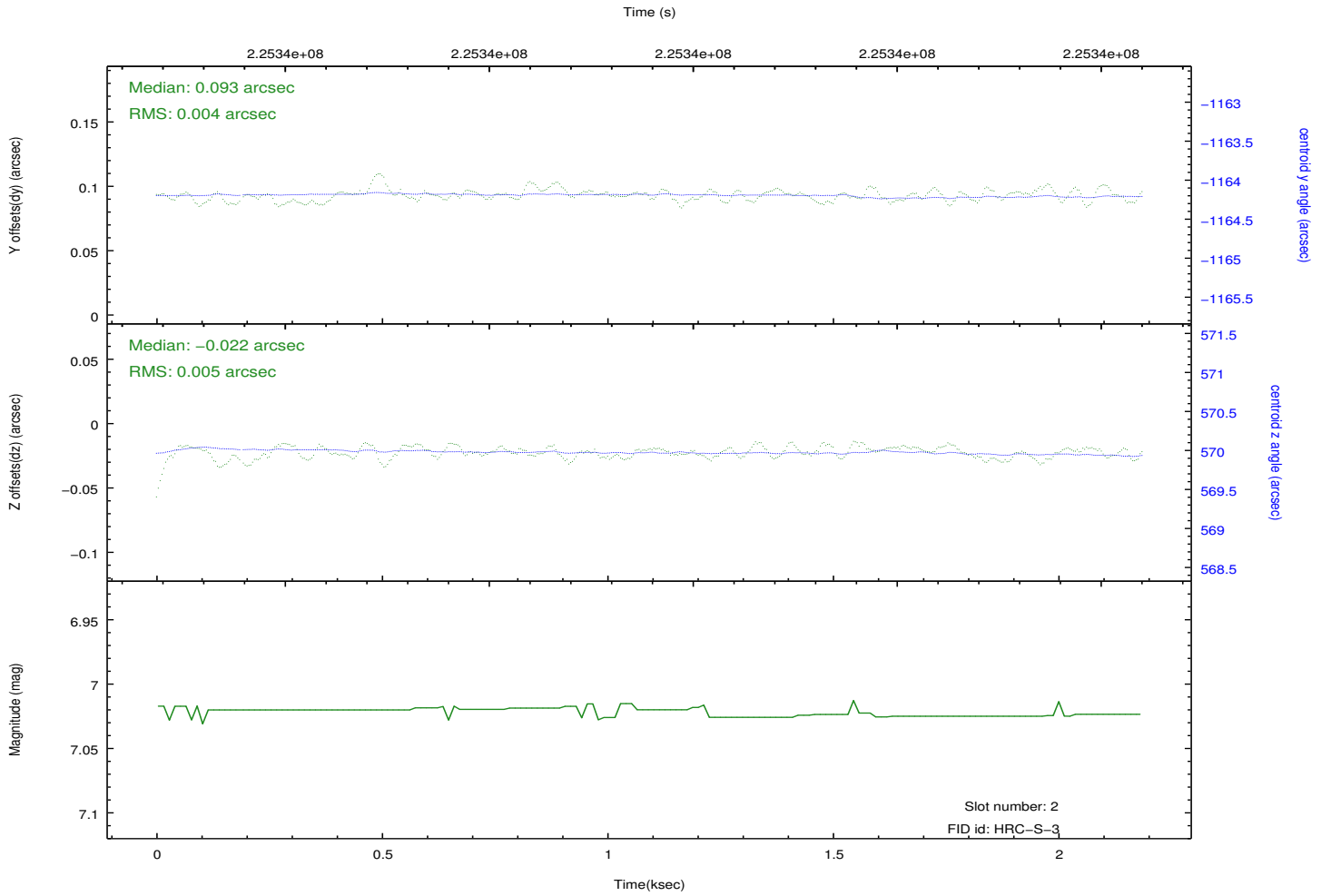
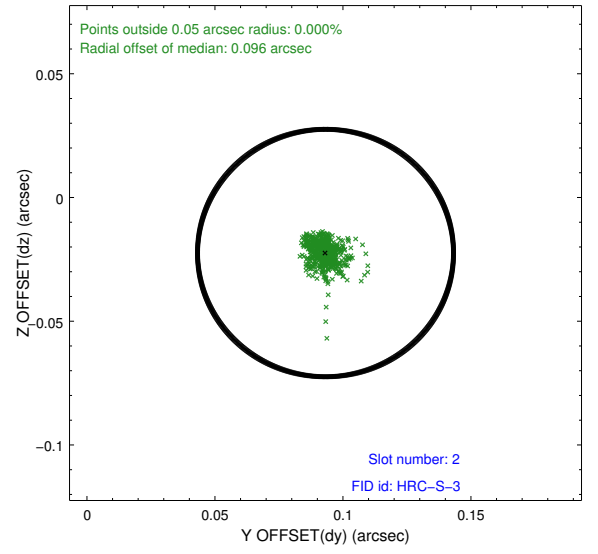
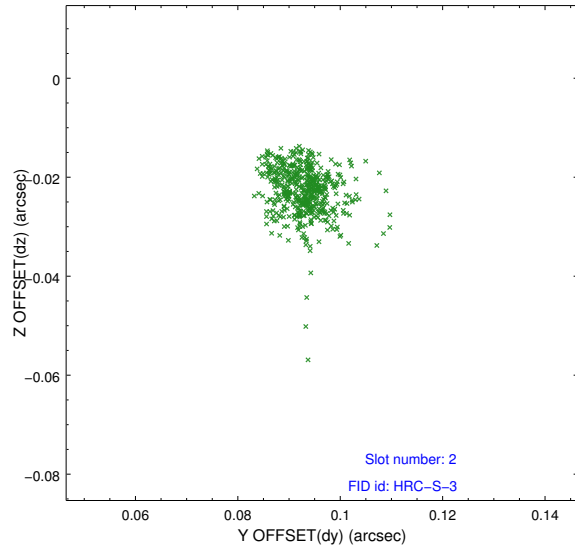
2.5.1 Slot 0



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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.186325

A.2 Comments

Window constraint satisfied.