

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6459 - L2 Version 4
Chandra X-Ray Center

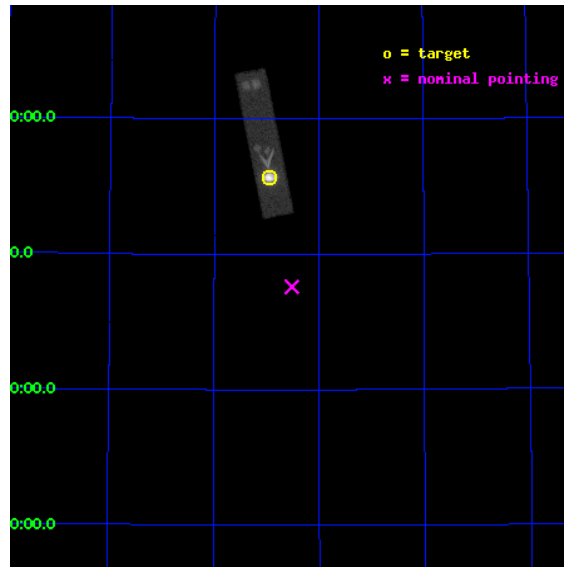
L2 Processing Date : Aug 11 2012

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1 Front

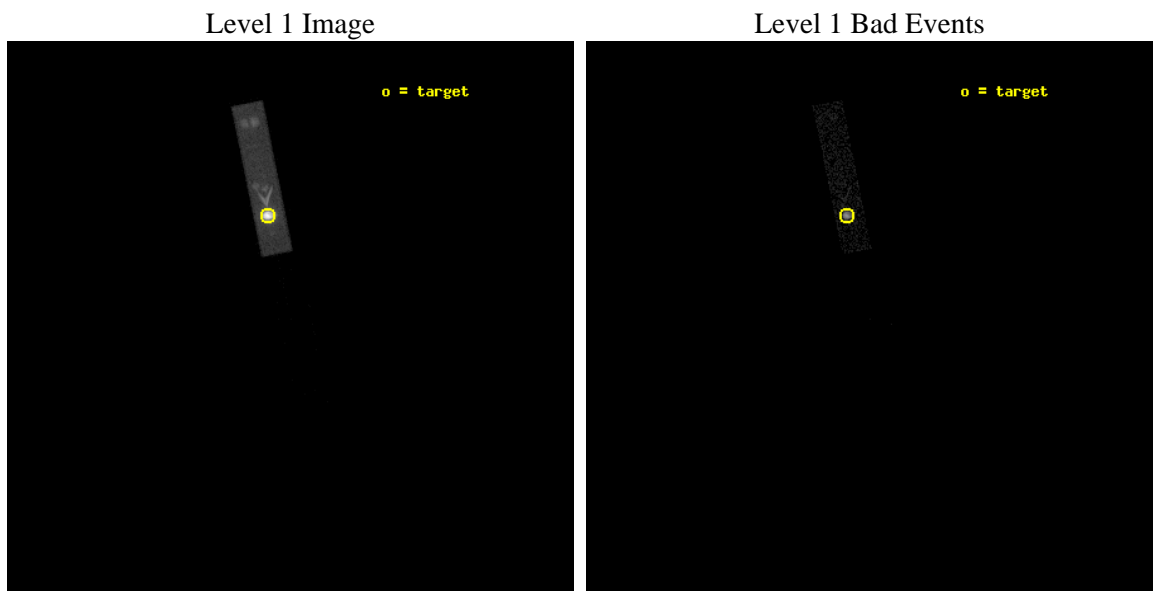
seq_num	290552	Sequence number
obs_id	6459	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.12970748187	Nominal RA [deg]
dec_nom	38.379859669103	Nominal Dec [deg]
roll_nom	78.514453670978	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2079.7250967026	[s]
livetime	805.37660919	Ontime multiplied by DTCOR
l2events	369503	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	1900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2079.7250967026	[s]
caldbver	4.5.1.1	 	l1events	423736	Number of level 1 events
date	2012-08-11T03:34:37	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

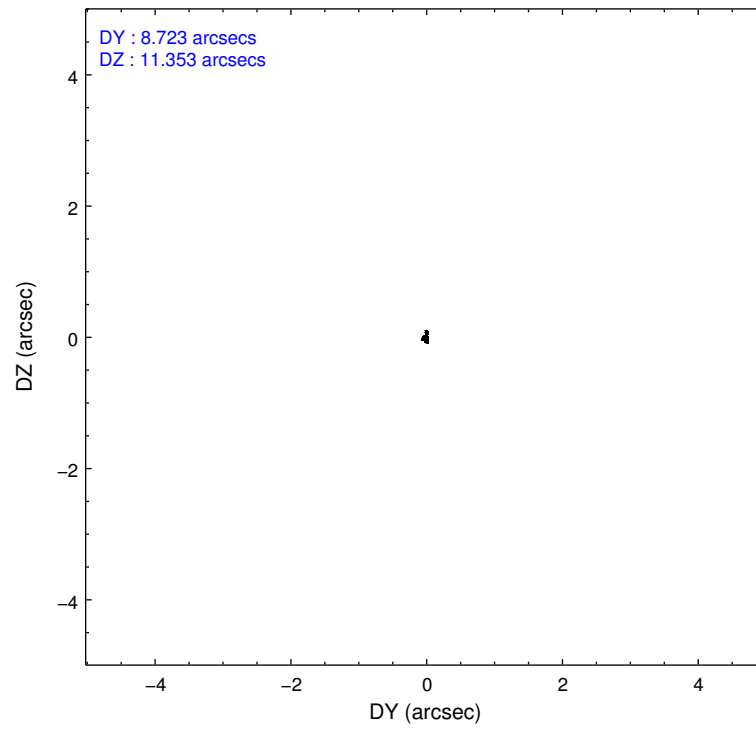
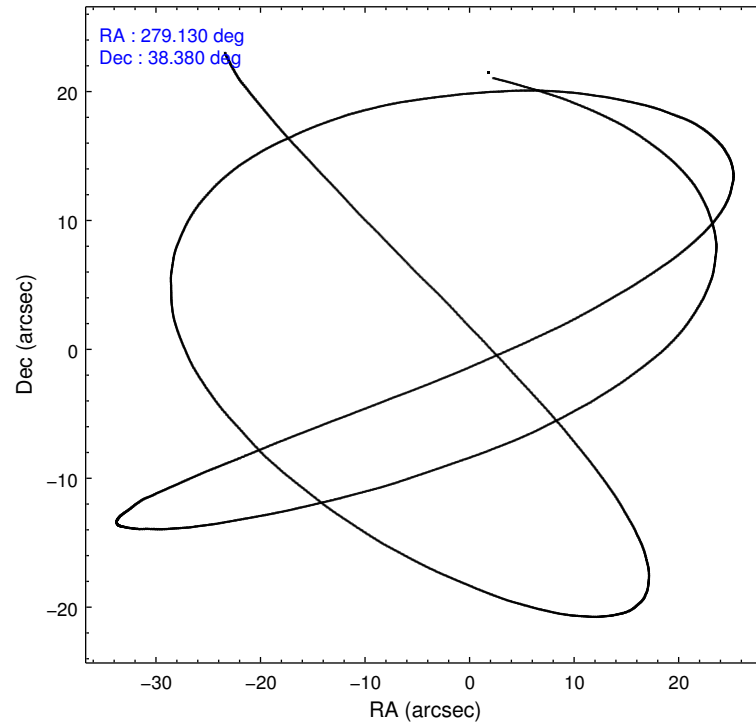
	segment 1	segment 2	segment 3
level 1 events	0	49	423687
rejected events	0	29	40223
rejected %	0%	59%	9%

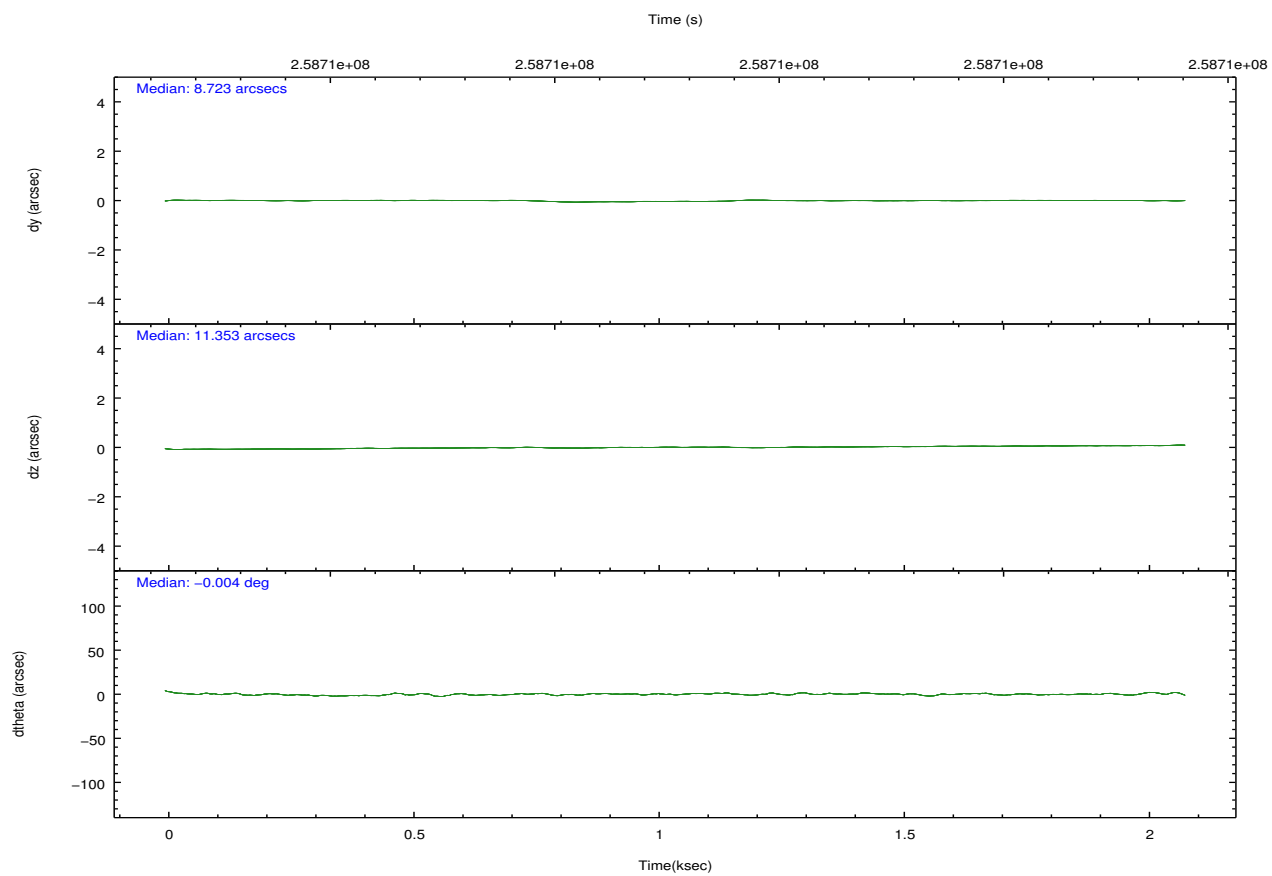
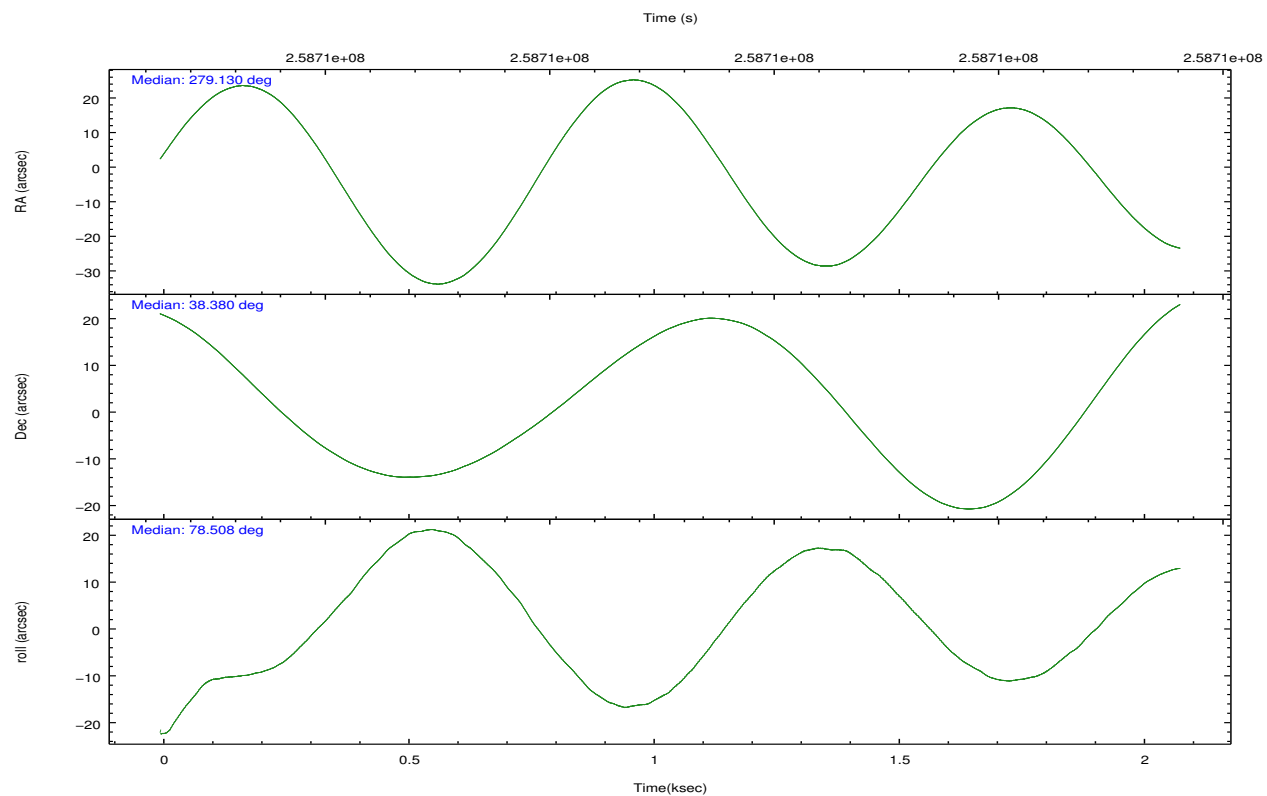
2.2 Compared Parameters

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	279.142597	279.1297074818727
[deg] Pointing Dec	38.353520	38.3798596691033
[deg] Pointing Roll	78.439140	78.51445367097755
[s] Window start time (MET)	255139265.184000	255139265.184000
[s] Window stop time (MET)	260150465.184000	260150465.184000
[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)	258709901.184000	258709525.45598
Observation start date	2006-03-14T07:50:36	2006-03-14T07:45:25
[s] Observation end time (MET)	258711801.184000	258713057.60614
Observation end date	2006-03-14T08:22:16	2006-03-14T08:44:17

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

2.3 Aspect



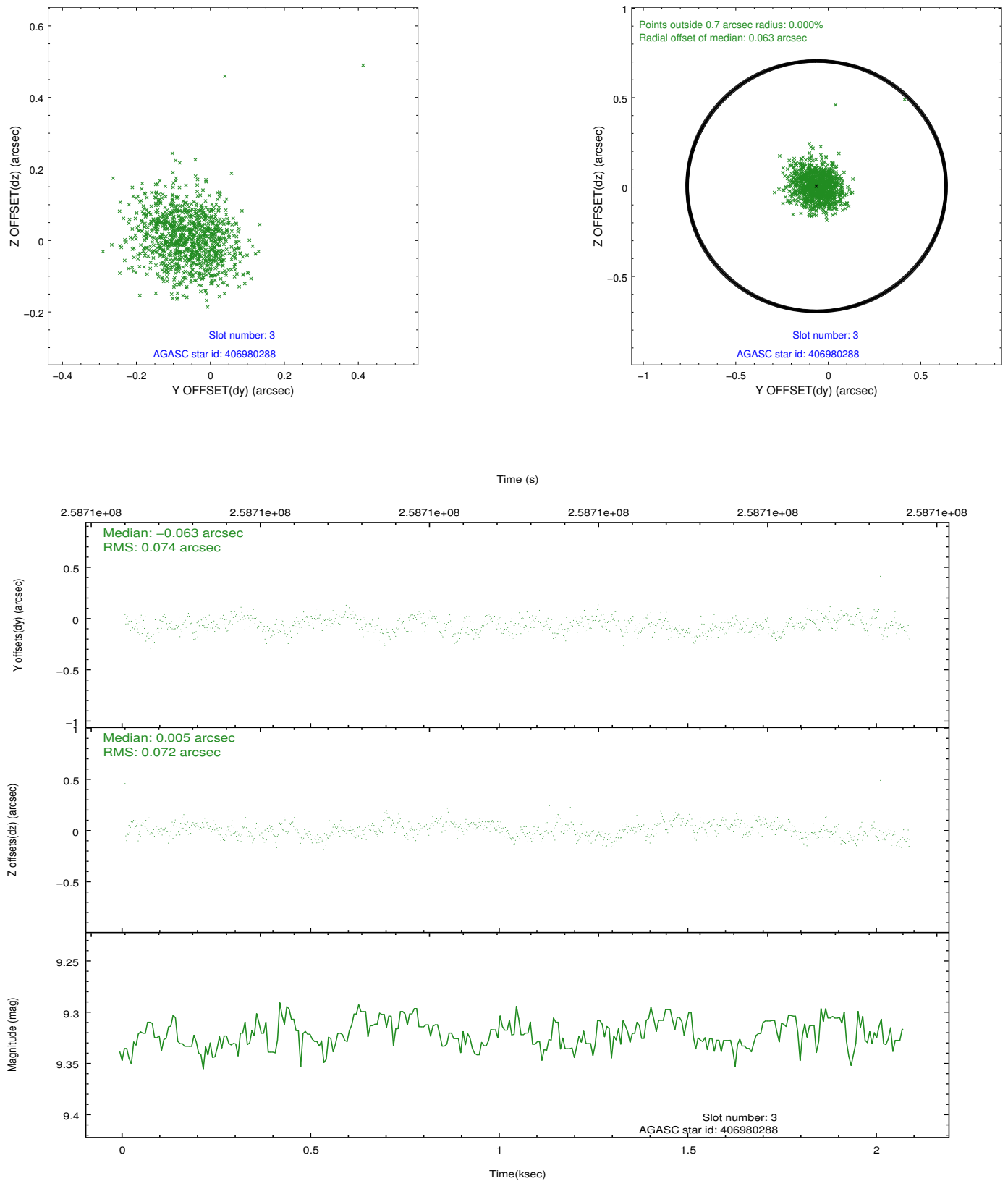


Slot Statistics

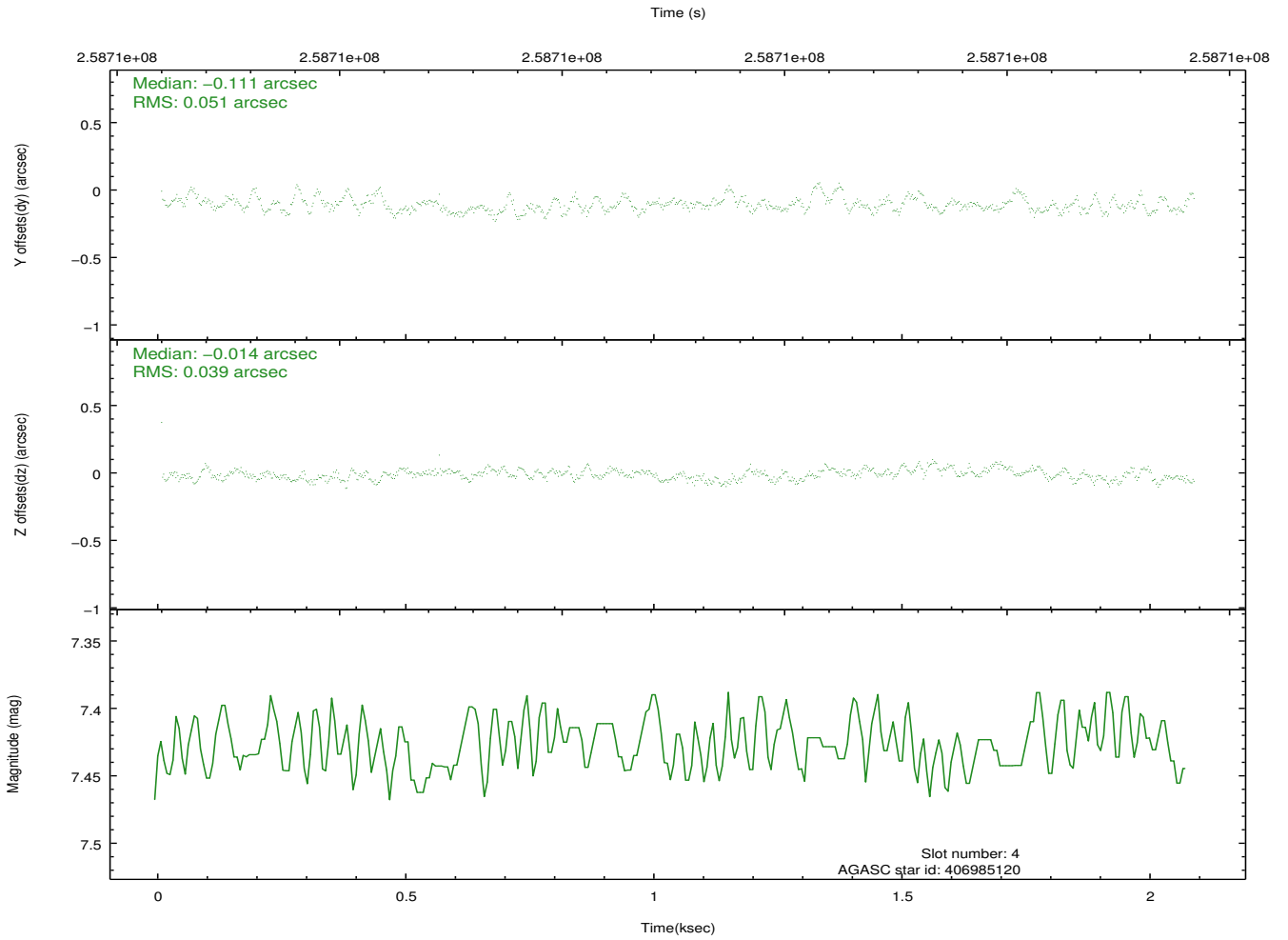
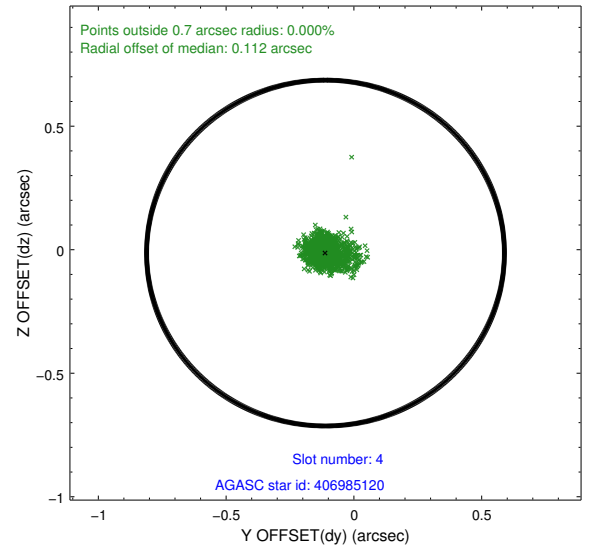
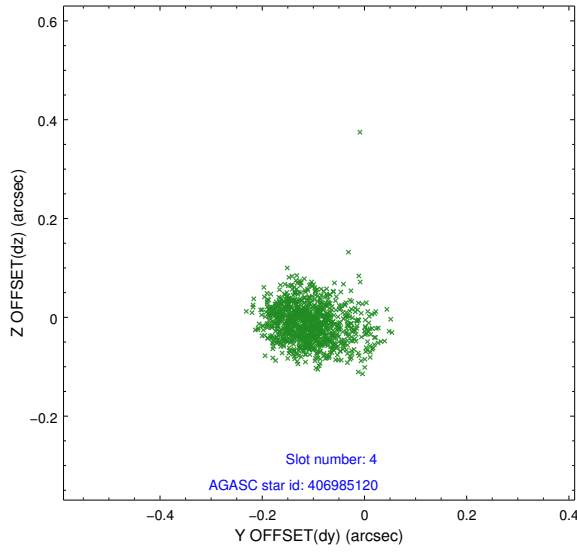
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	508	0.083	-0.140	0.004	0.008	0.000000	0.000000	-1162.93	-460.07
1	FID	HRC-S-2	7.02	508	0.097	-0.142	0.009	0.016	0.000000	0.000000	1234.45	-453.59
2	FID	HRC-S-4	6.99	508	0.223	-0.022	0.009	0.015	0.000000	0.000000	1237.86	571.26
3	GUIDE	406980288	9.32	1015	-0.063	0.005	0.107	0.172	278.903147	39.061646	2366.77	1167.92
4	GUIDE	406985120	7.43	1016	-0.111	-0.014	0.066	0.114	278.839732	38.894839	1743.64	1225.00
5	GUIDE	406987272	6.93	1016	-0.033	-0.208	0.060	0.098	278.536588	38.437504	-37.97	1738.57
6	GUIDE	406987384	8.96	1016	0.186	-0.015	0.083	0.143	278.815518	38.115336	-1023.05	739.15
7	GUIDE	406992968	7.65	1015	0.019	0.222	0.065	0.105	279.925490	37.993090	-816.37	-2431.70

2.4 Star Slots

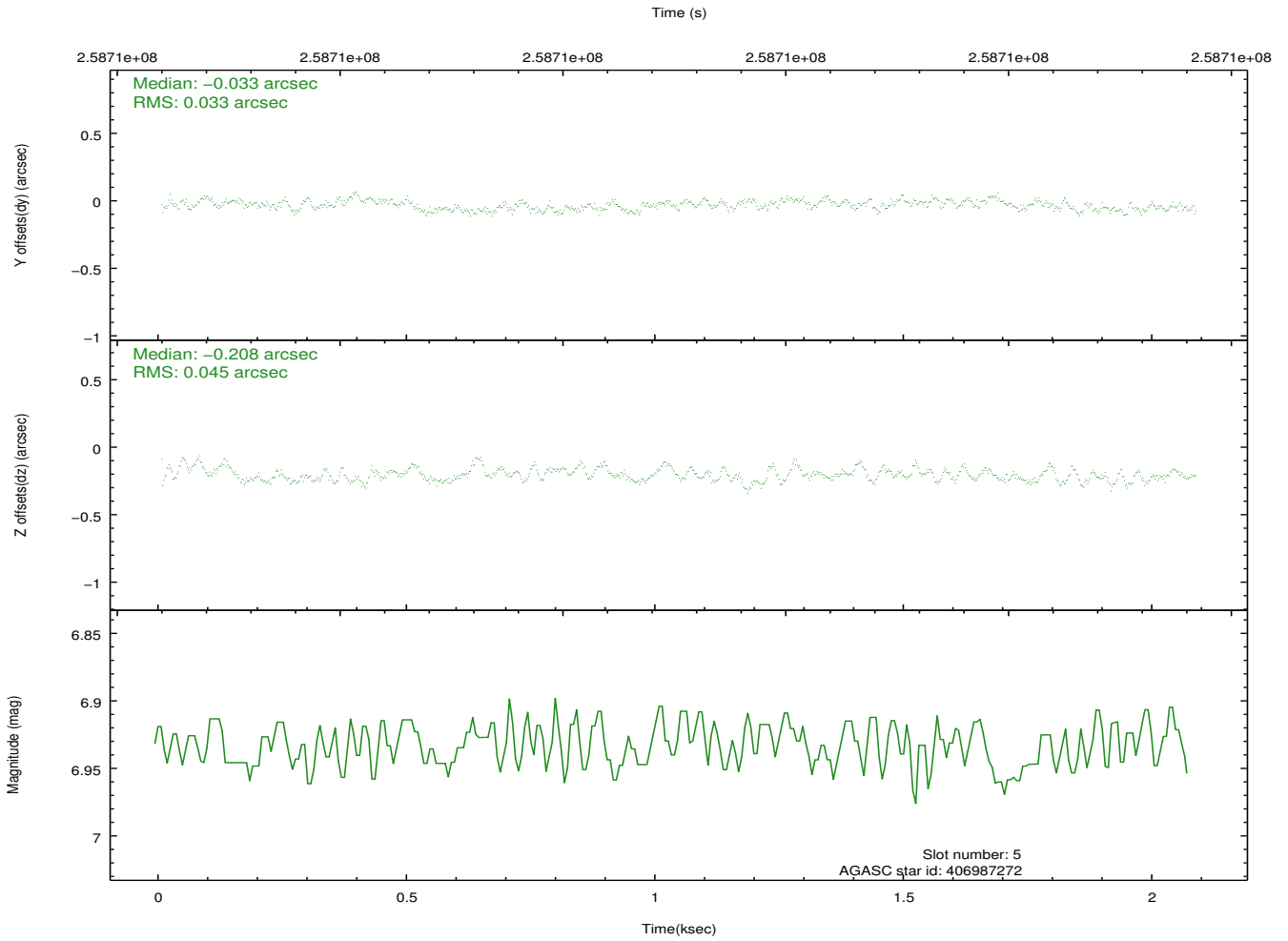
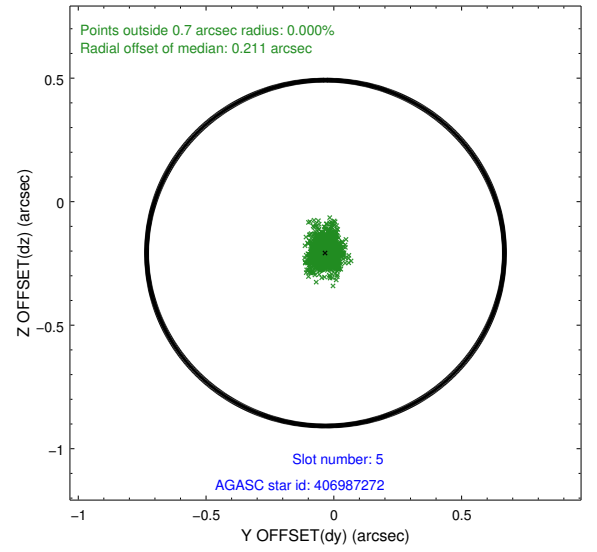
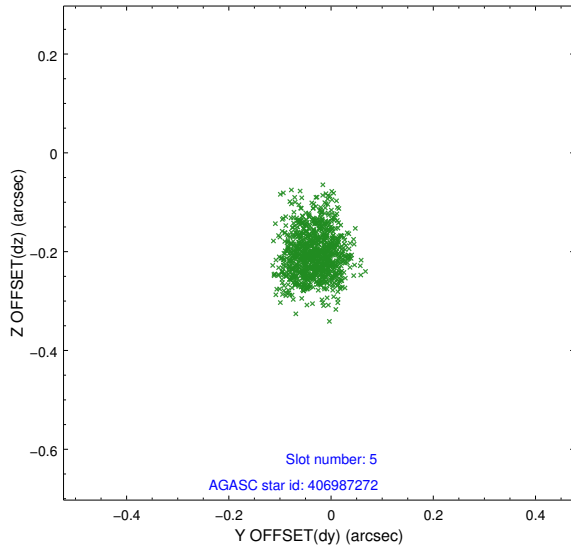
2.4.1 Slot 3



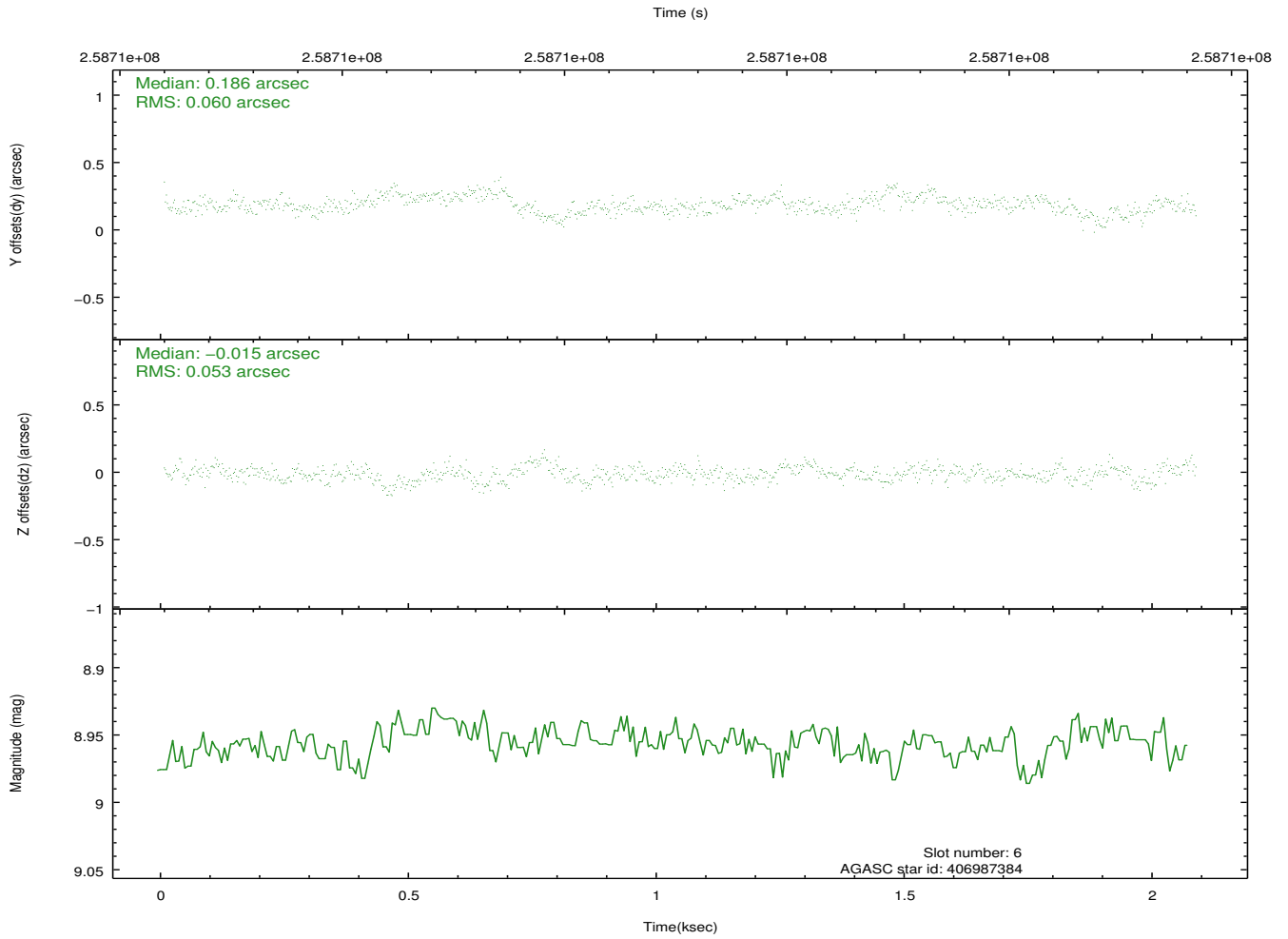
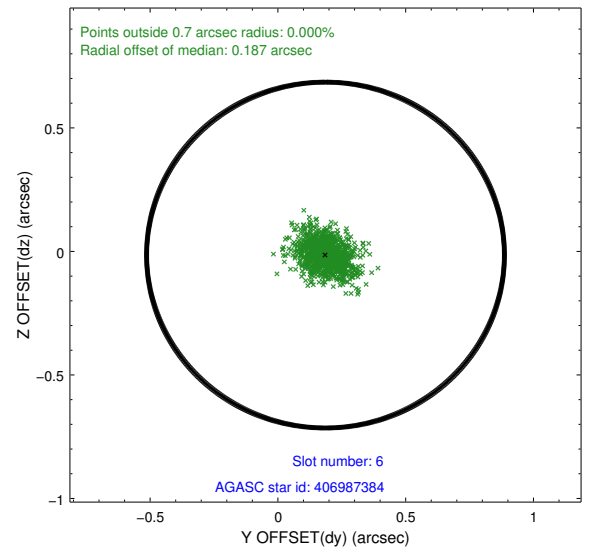
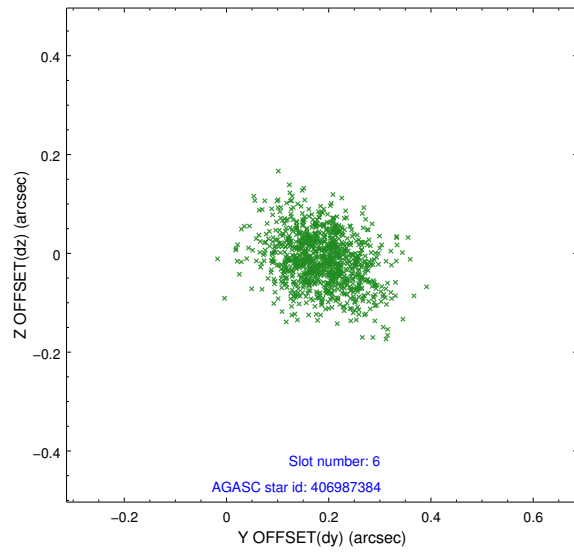
2.4.2 Slot 4



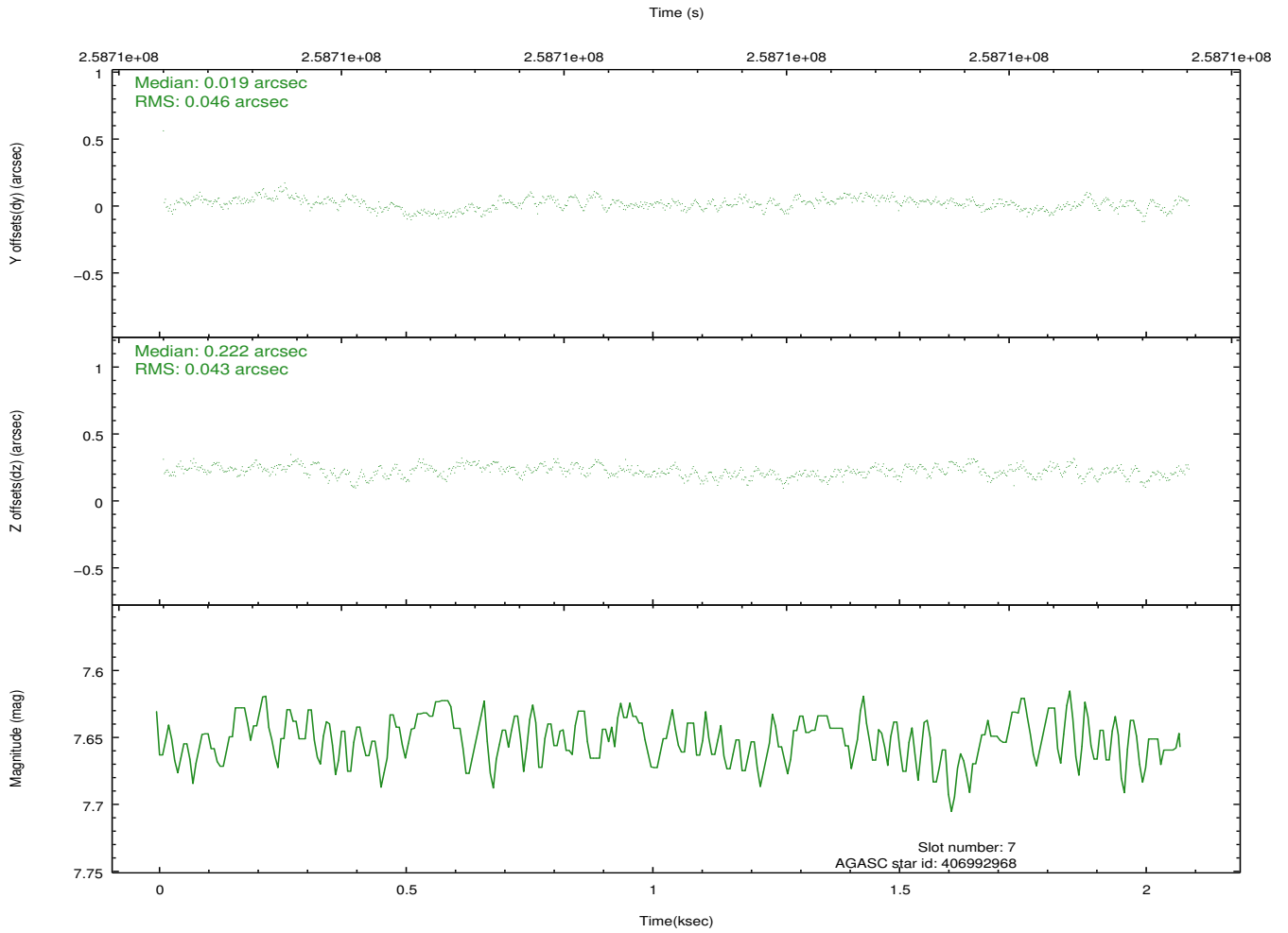
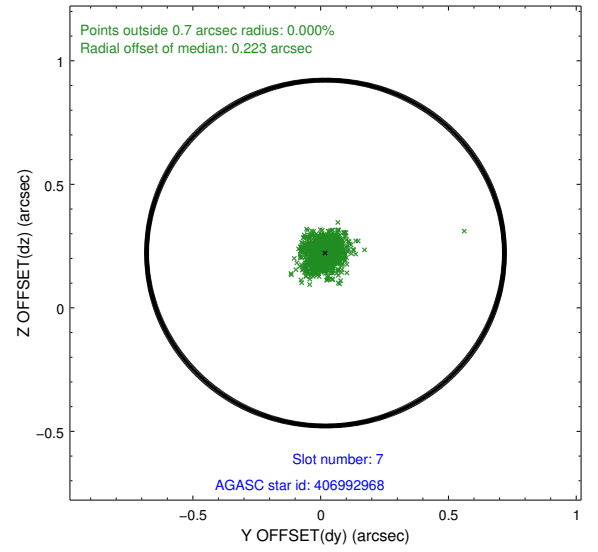
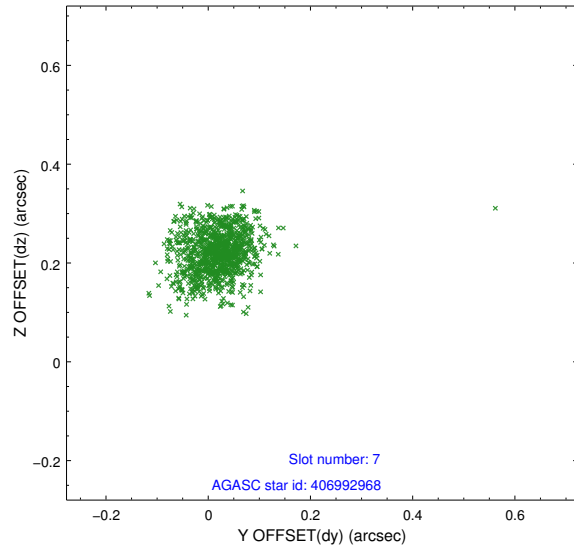
2.4.3 Slot 5



2.4.4 Slot 6

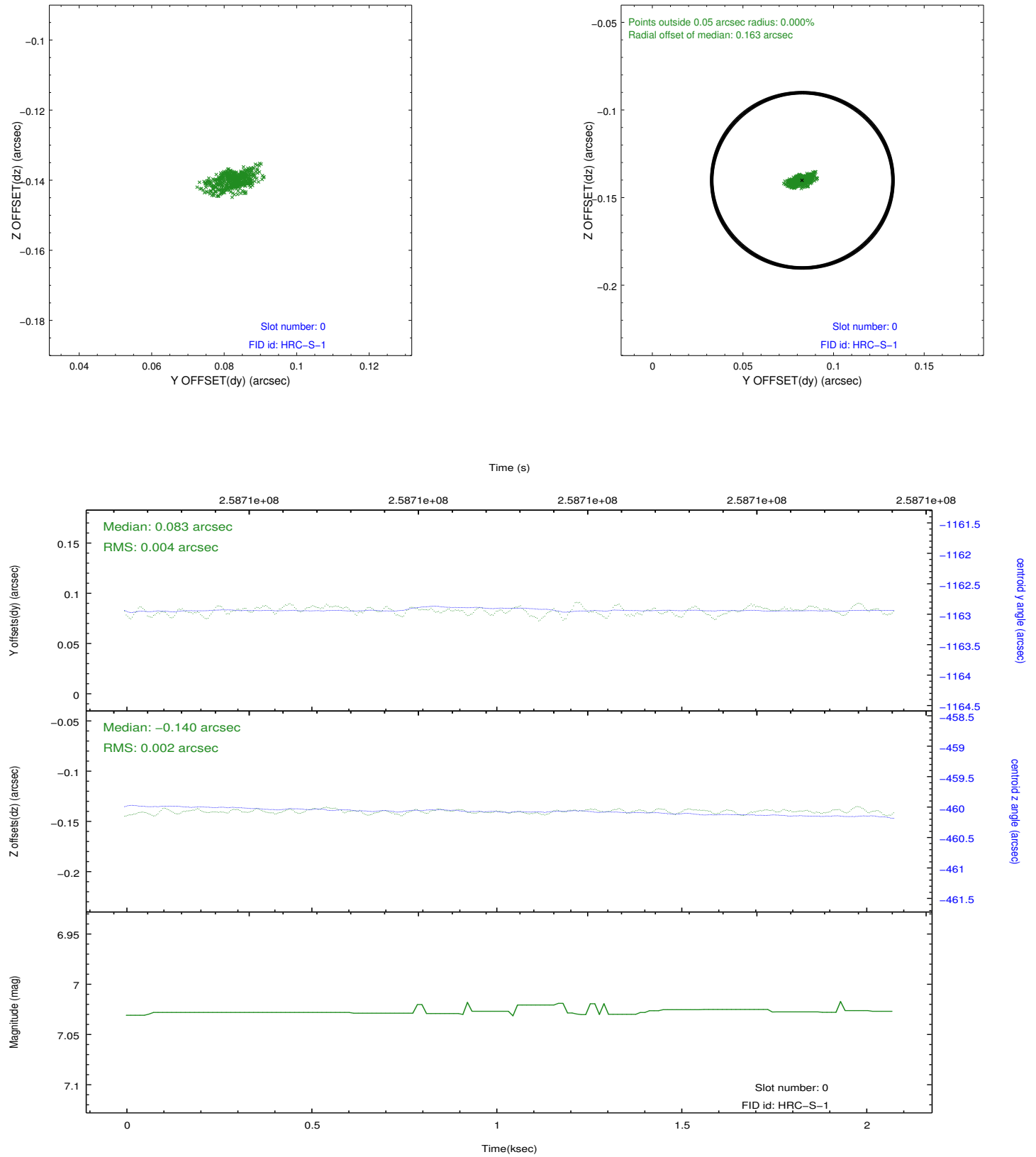


2.4.5 Slot 7

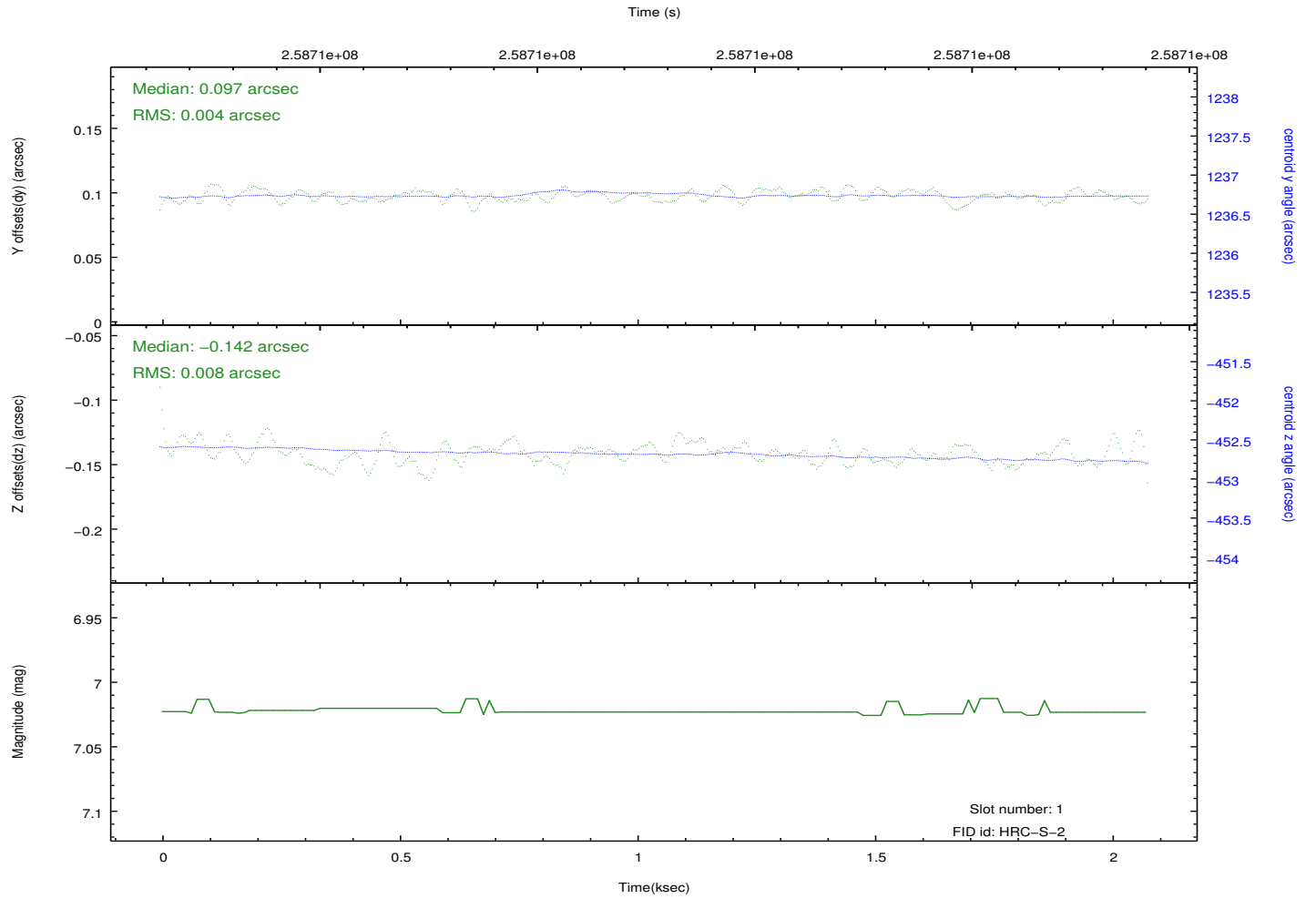
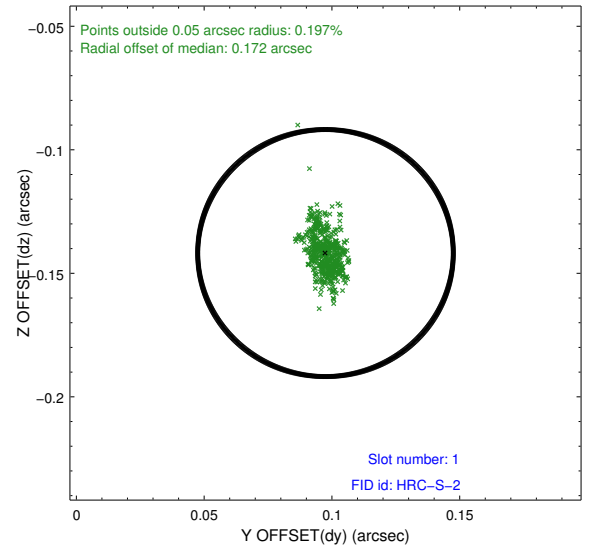
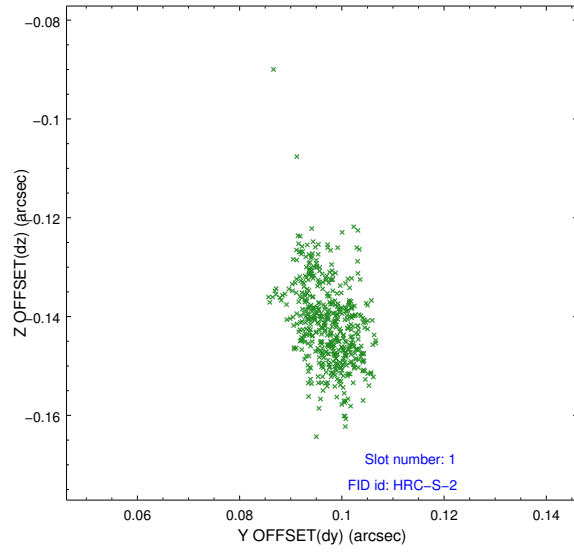


2.5 FID Slots

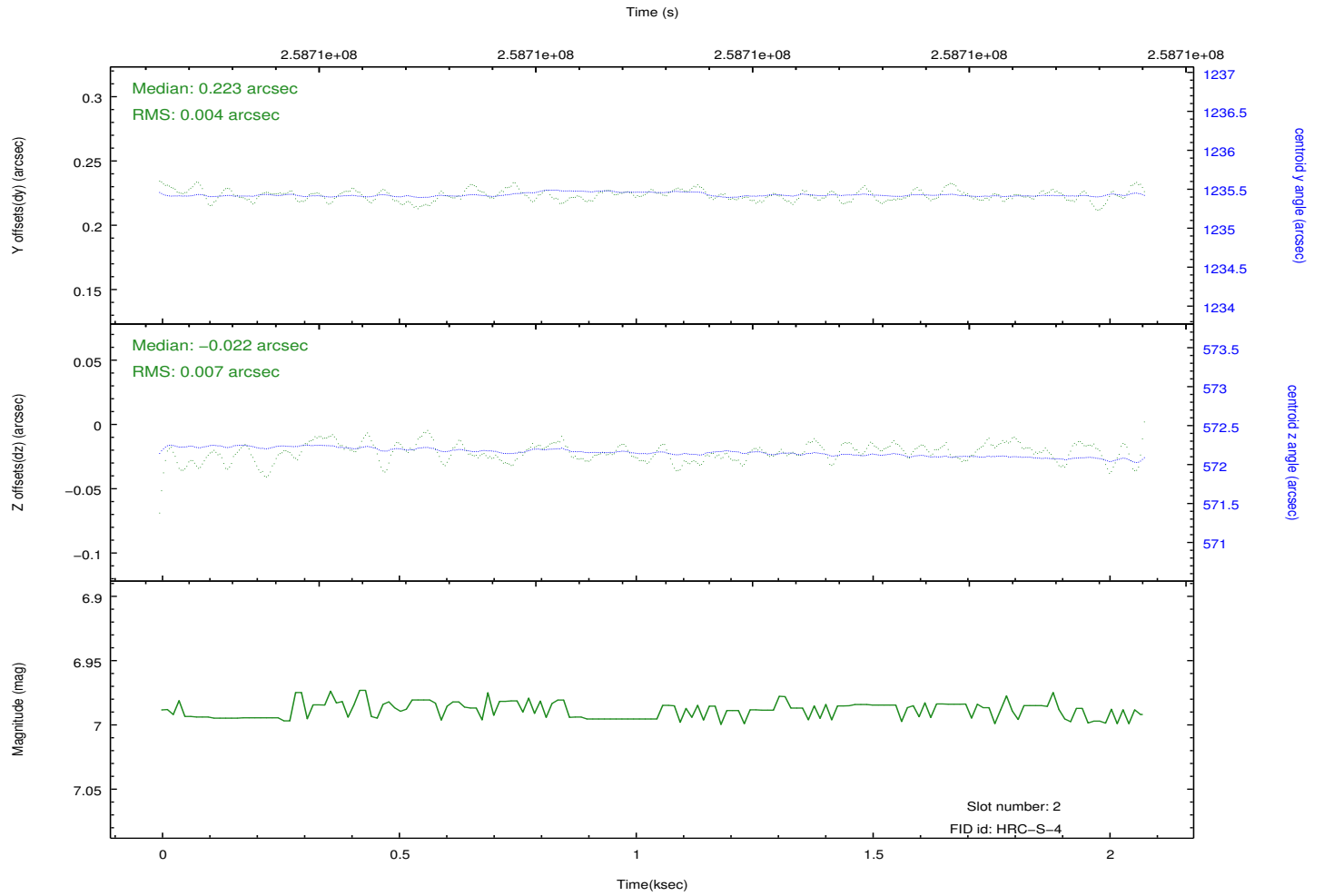
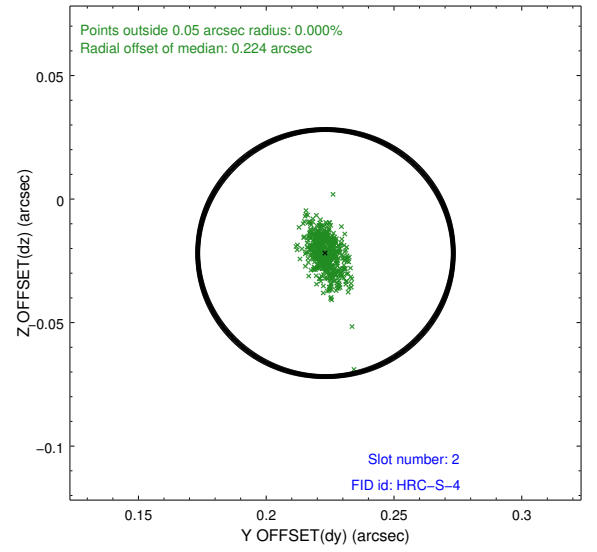
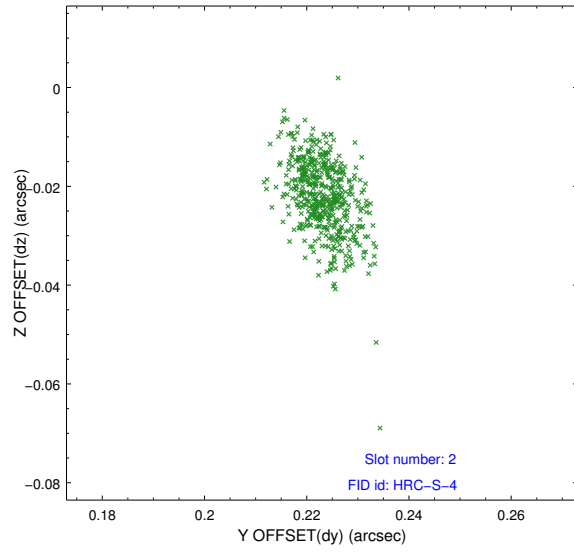
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.07972509

A.2 Comments

Window constraint satisfied.