

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11954 - L2 Version 2
Chandra X-Ray Center

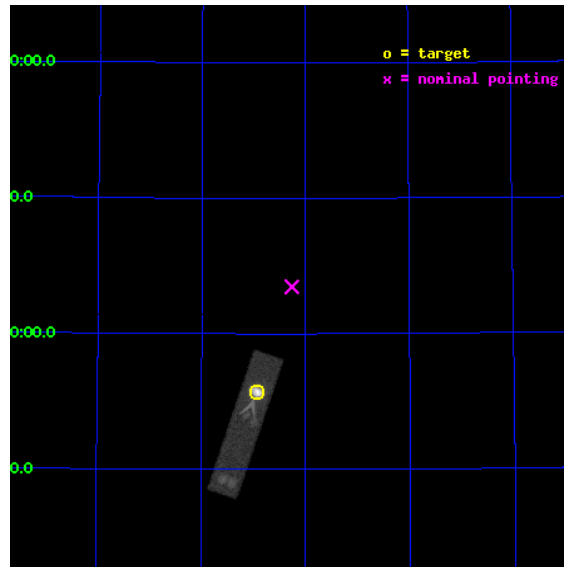
L2 Processing Date : Jul 5 2012

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1 Front

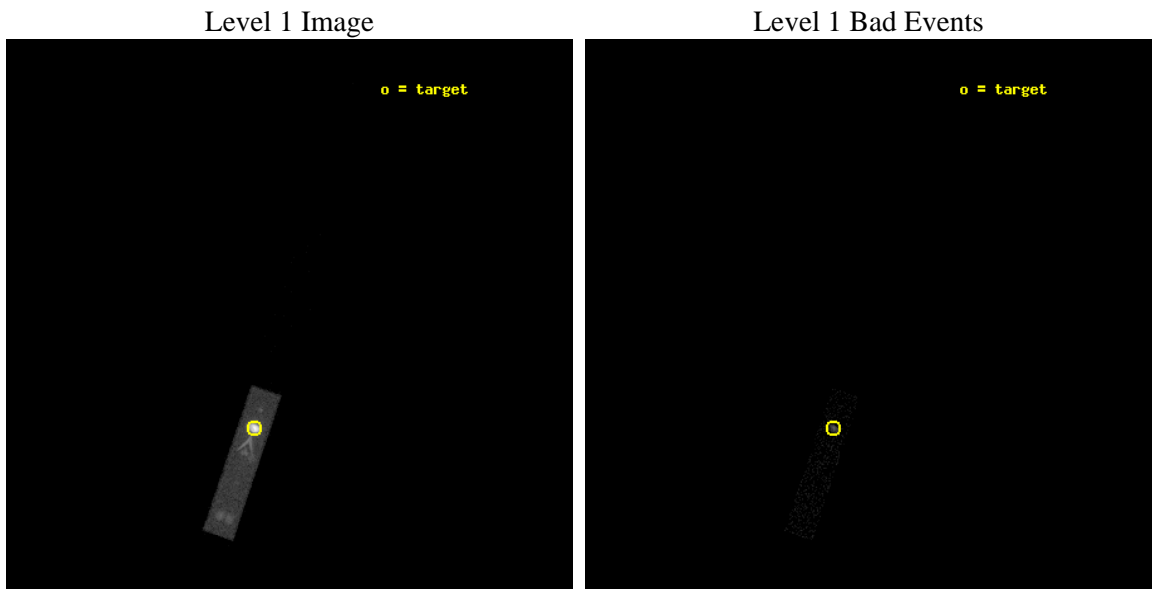
seq_num	290943	Sequence number
obs_id	11954	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.06545108035	Nominal RA [deg]
dec_nom	39.173558525345	Nominal Dec [deg]
roll_nom	288.76043842188	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1189.1281887293	[s]
liveltime	484.61387670937	Ontime multiplied by DTCOR
l2events	210733	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1190.2813110948	[s]
caldbver	4.5.0	 	l1events	251652	Number of level 1 events
date	2012-07-05T05:49:46	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

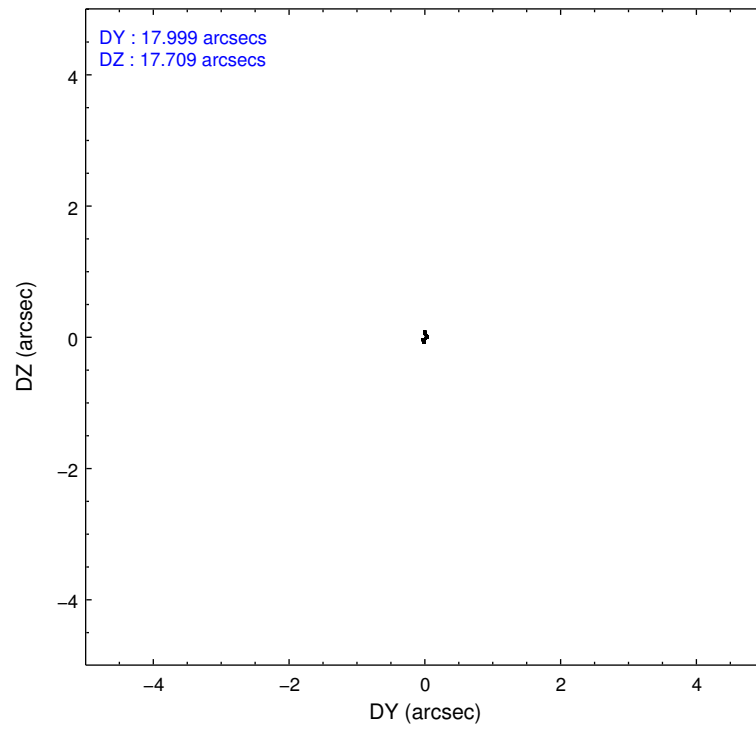
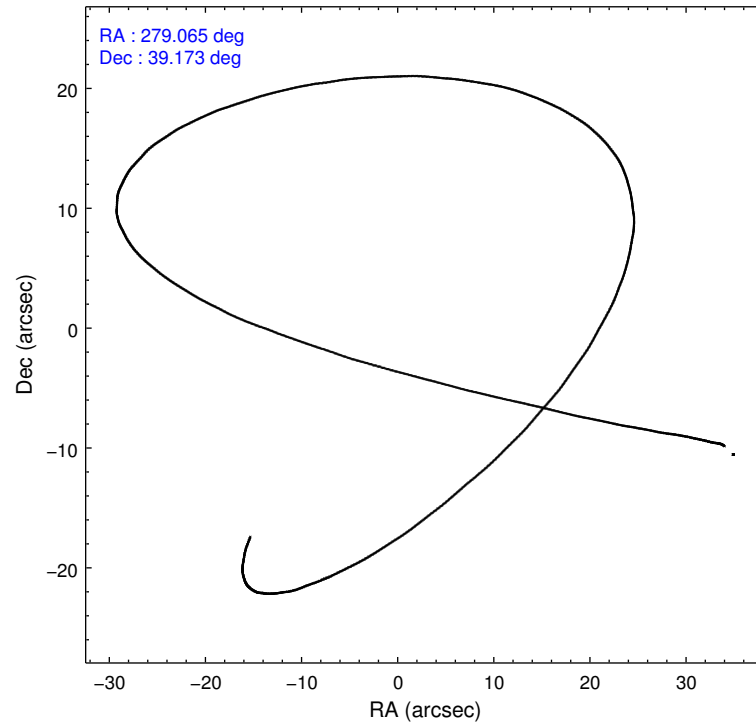
	segment 1	segment 2	segment 3
level 1 events	2	36	251614
rejected events	2	21	32364
rejected %	100%	58%	12%

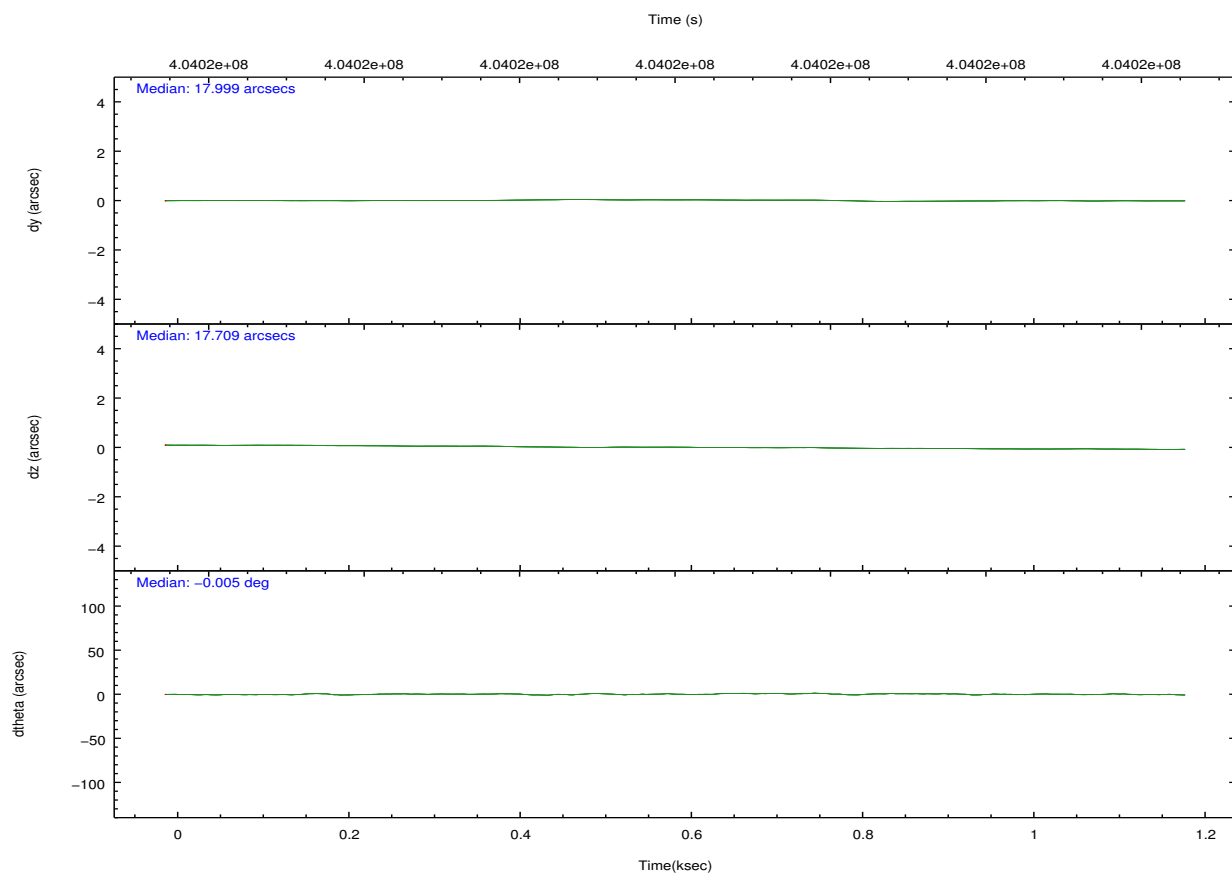
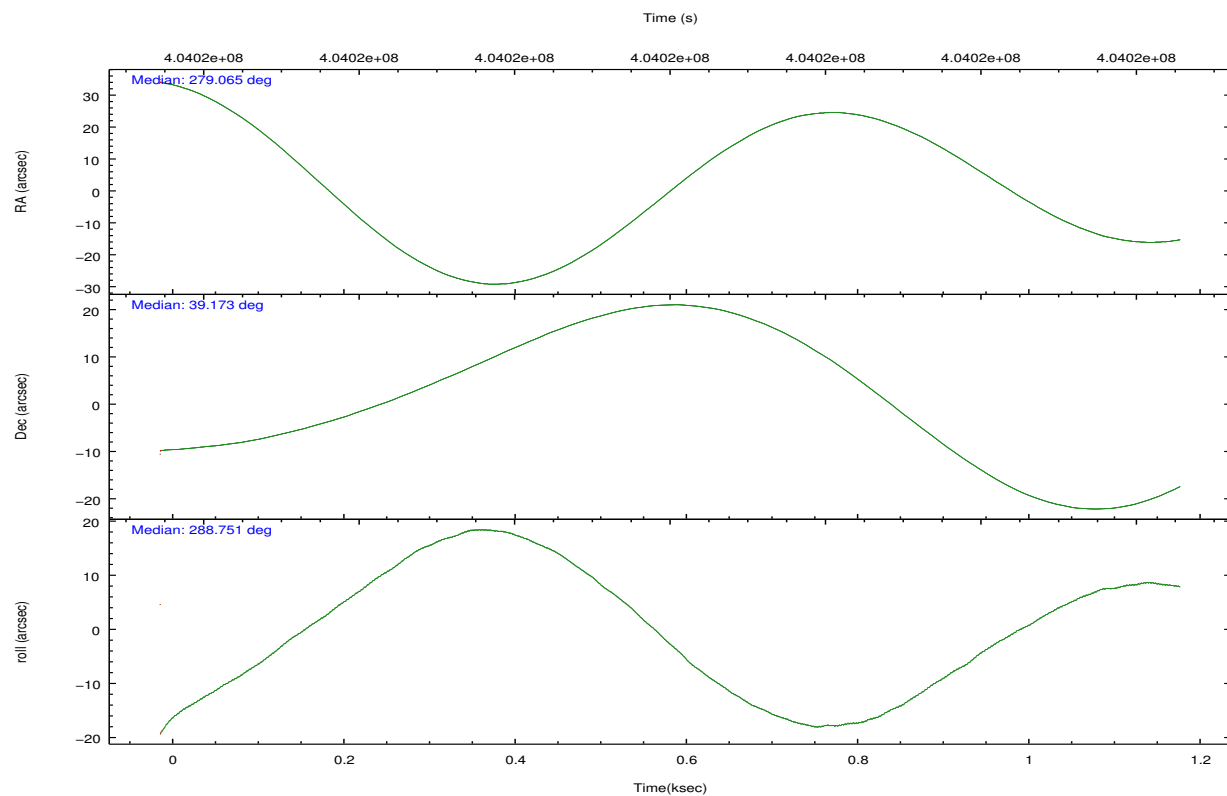
2.2 Compared Parameters

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	279.036542	279.065451080352
[deg] Pointing Dec	39.191872	39.17355852534499
[deg] Pointing Roll	288.711347	288.7604384218785
[s] Window start time (MET)	399686466.184000	399686466.184000
[s] Window stop time (MET)	407462466.184000	407462466.184000
[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)	404019184.184000	404018808.52758
Observation start date	2010-10-21T03:31:58	2010-10-21T03:26:48
[s] Observation end time (MET)	404020184.184000	404021035.85269
Observation end date	2010-10-21T03:48:38	2010-10-21T04:03:55

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

2.3 Aspect



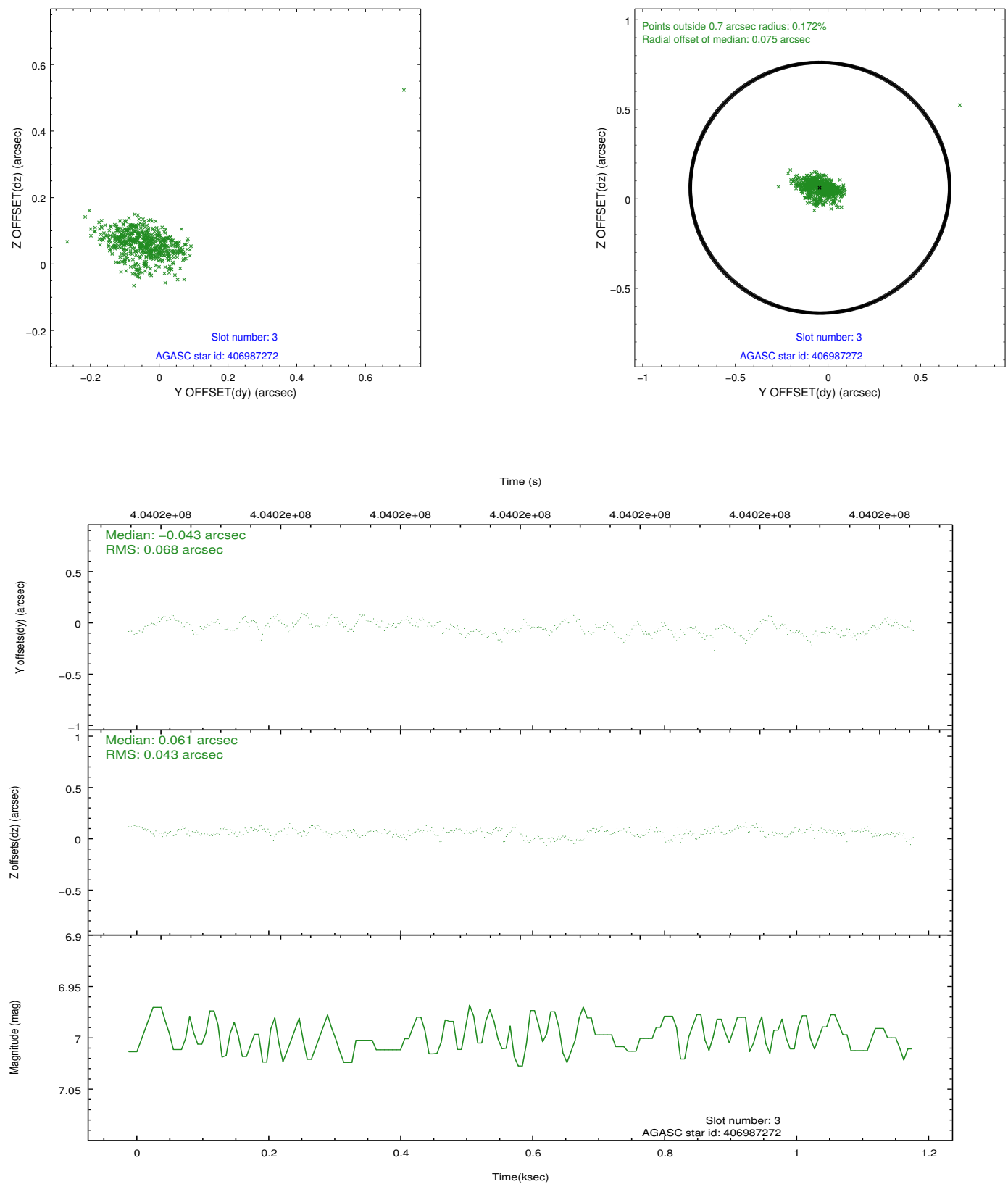


Slot Statistics

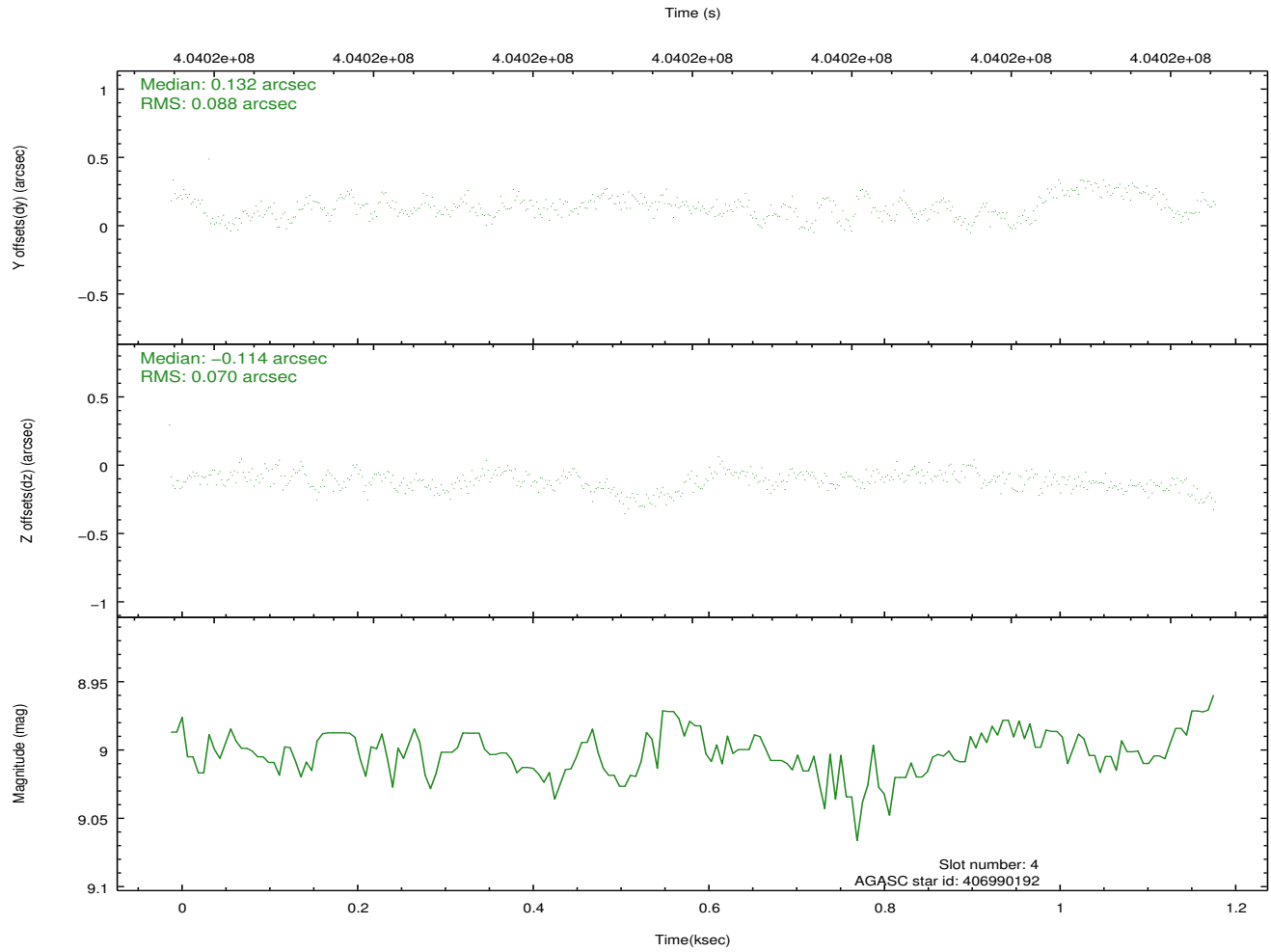
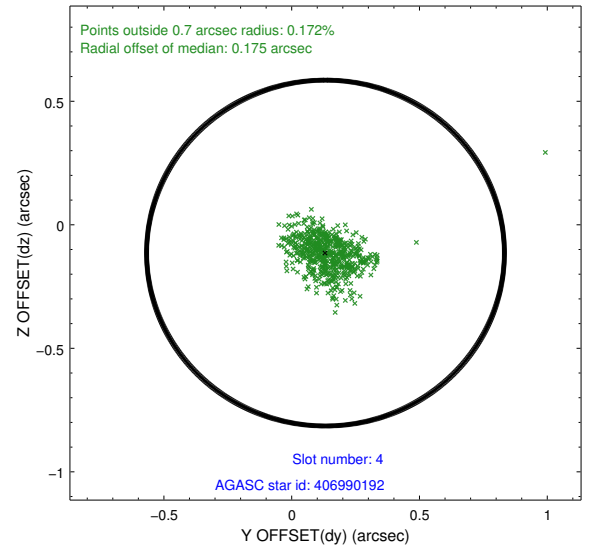
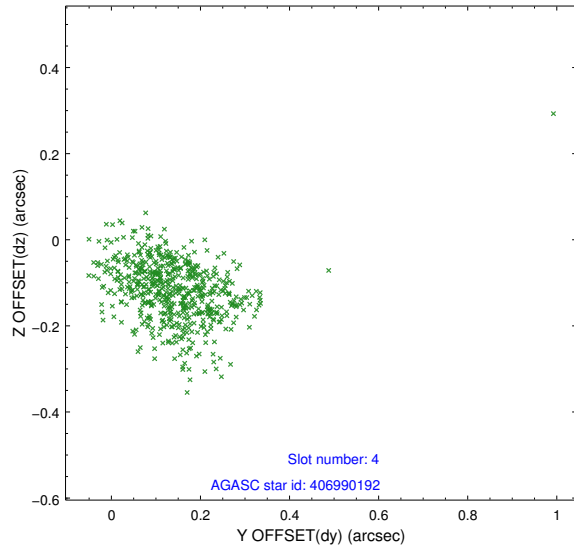
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	291	0.065	-0.168	0.006	0.013	0.000000	0.000000	-1172.47	-466.69
1	FID	HRC-S-2	6.98	291	0.211	-0.108	0.004	0.007	0.000000	0.000000	1223.30	-460.82
2	FID	HRC-S-3	7.01	291	0.113	-0.027	0.006	0.012	0.000000	0.000000	-1170.96	561.39
3	GUIDE	406987272	7.00	582	-0.043	0.061	0.077	0.126	278.536588	38.437504	2114.86	-2203.84
4	GUIDE	406990192	9.00	582	0.132	-0.114	0.113	0.185	278.510952	38.533654	1768.50	-2163.14
5	GUIDE	407510432	8.15	582	-0.102	0.164	0.082	0.124	278.762778	39.530640	-1398.21	-330.92
6	GUIDE	407521232	8.64	578	0.073	0.014	0.094	0.160	279.628883	39.431715	-298.38	1839.39
7	GUIDE	407521584	8.94	580	-0.065	-0.098	0.090	0.160	279.676096	39.795417	-1498.32	2378.47

2.4 Star Slots

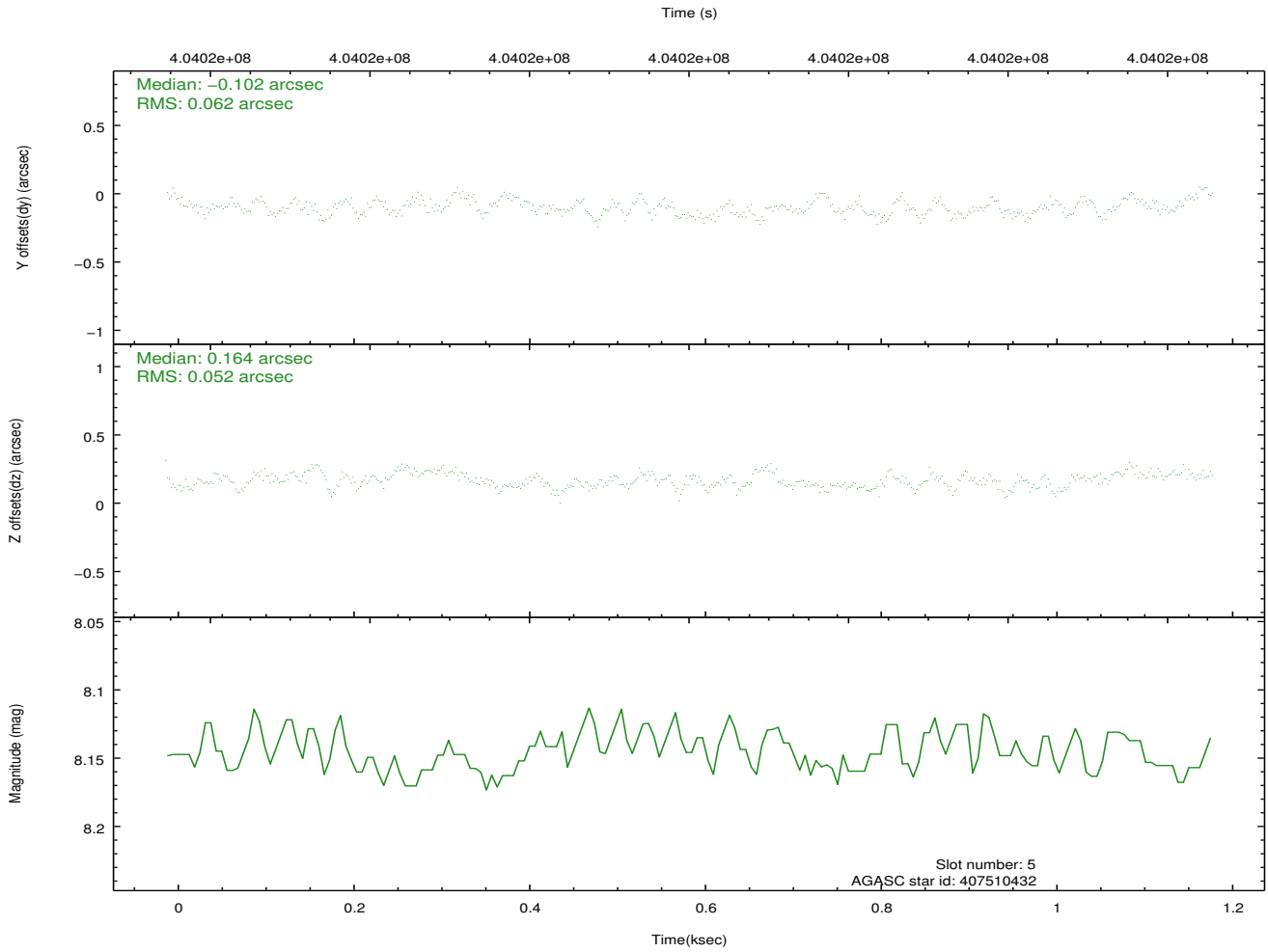
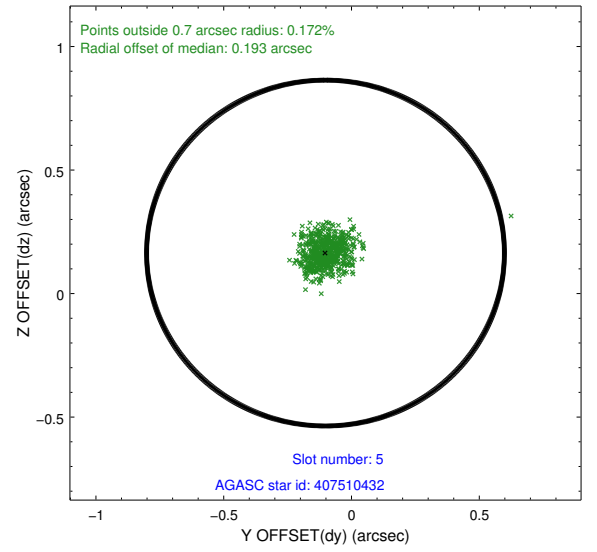
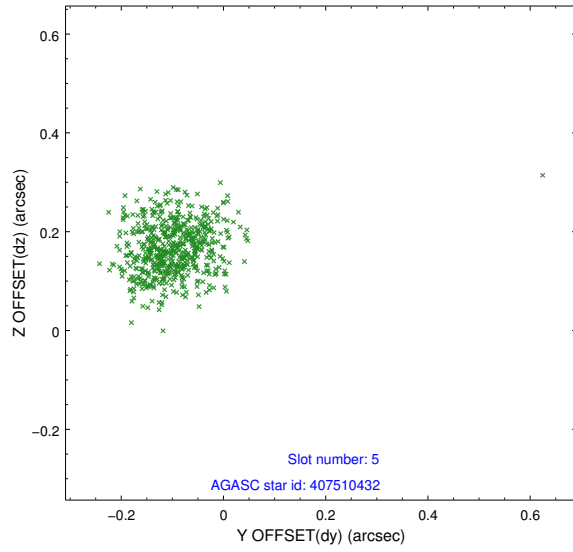
2.4.1 Slot 3



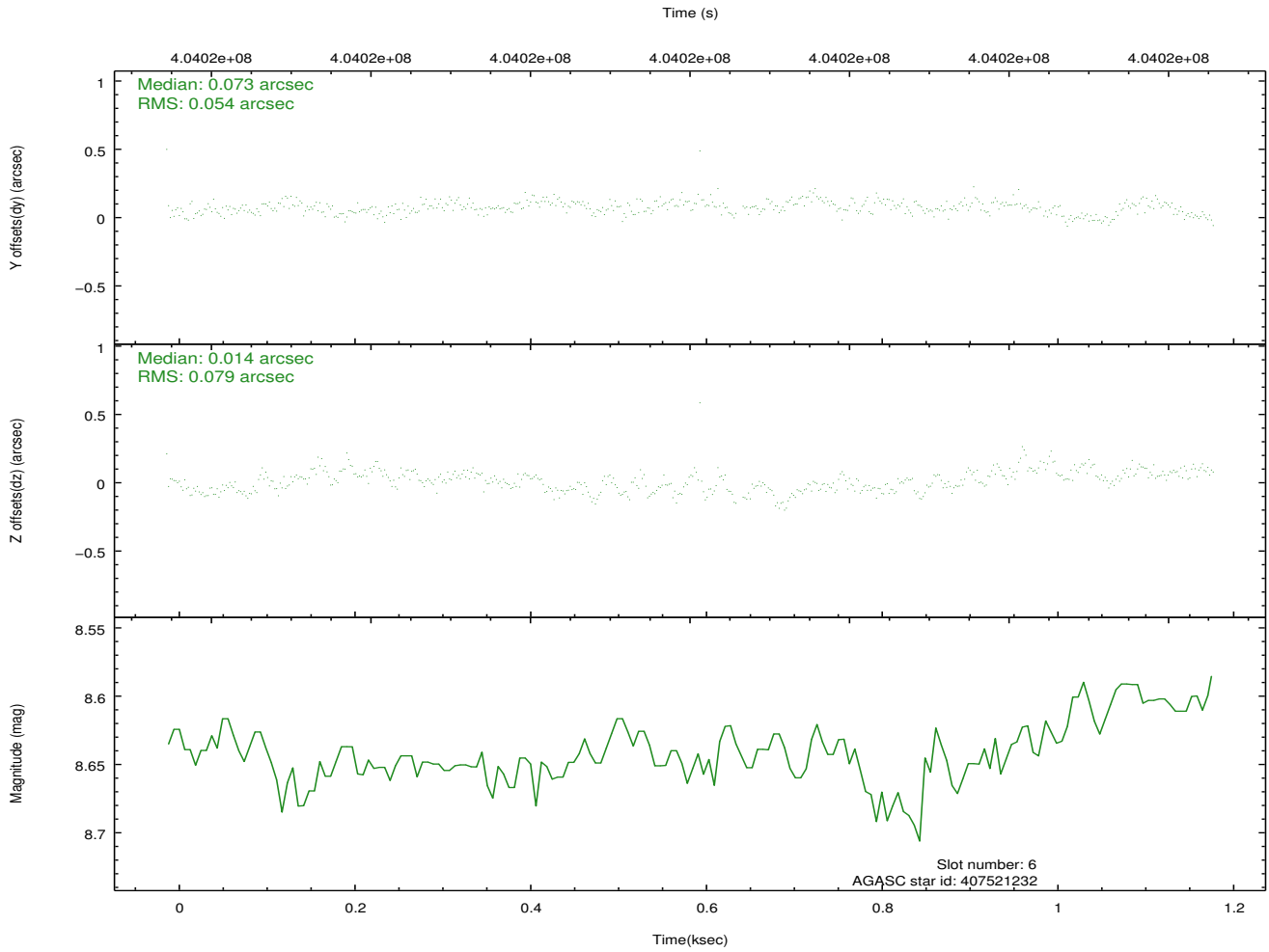
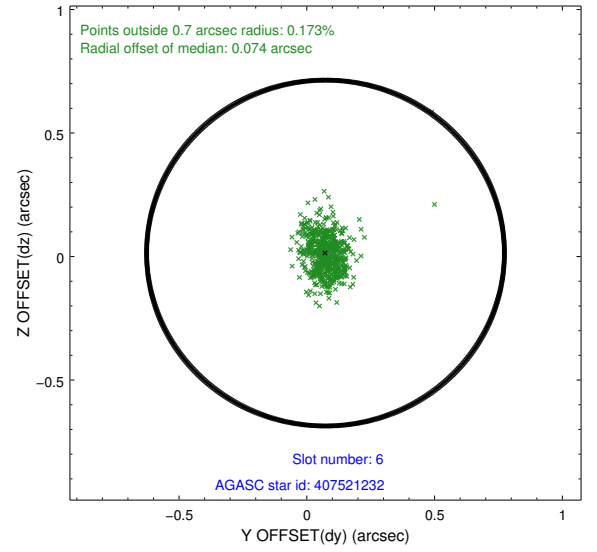
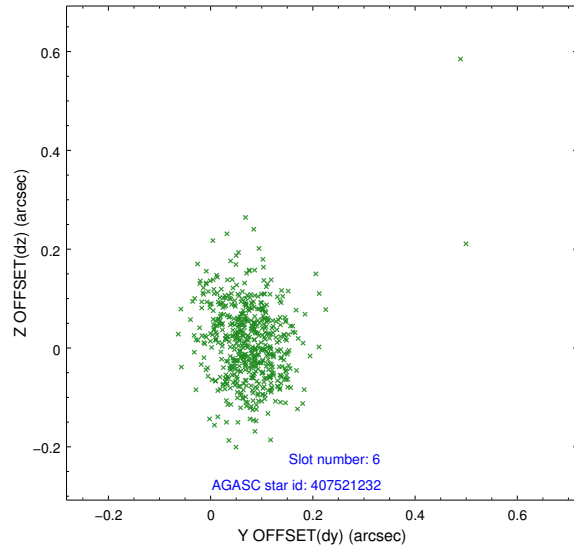
2.4.2 Slot 4



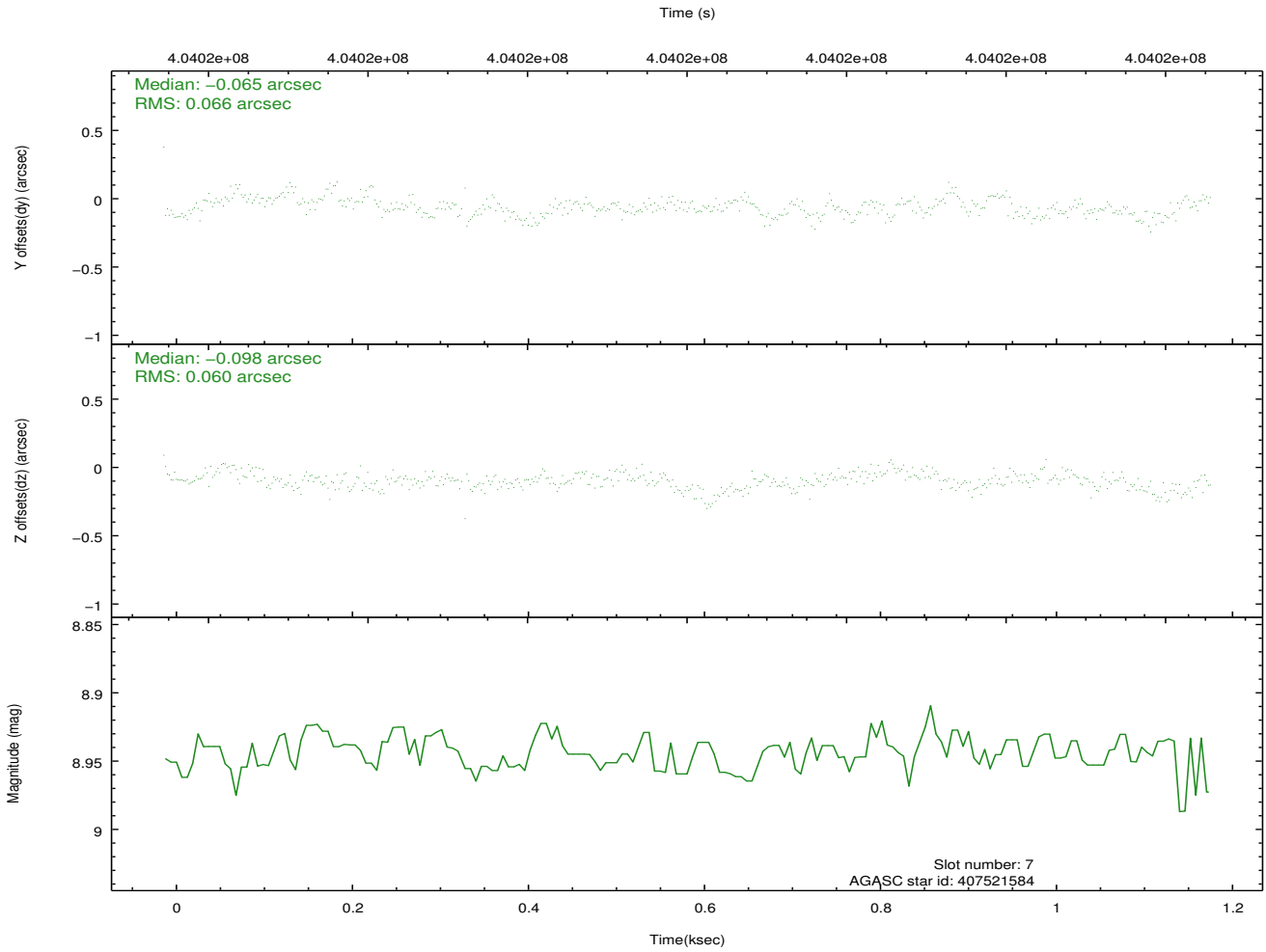
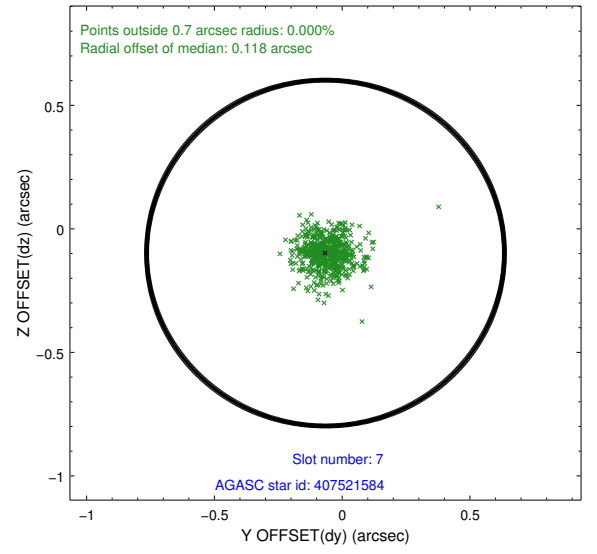
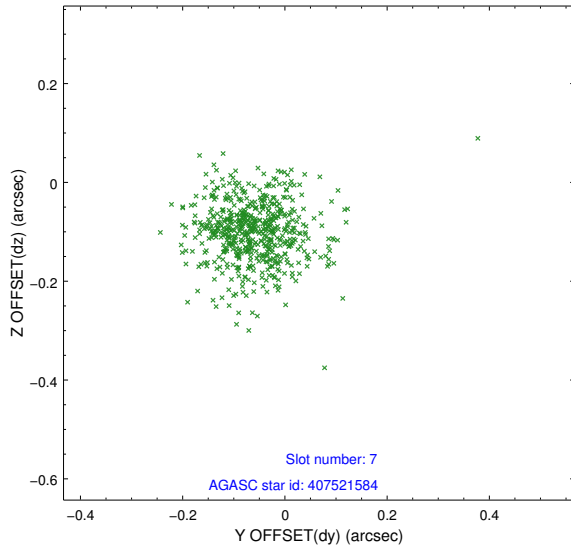
2.4.3 Slot 5



2.4.4 Slot 6

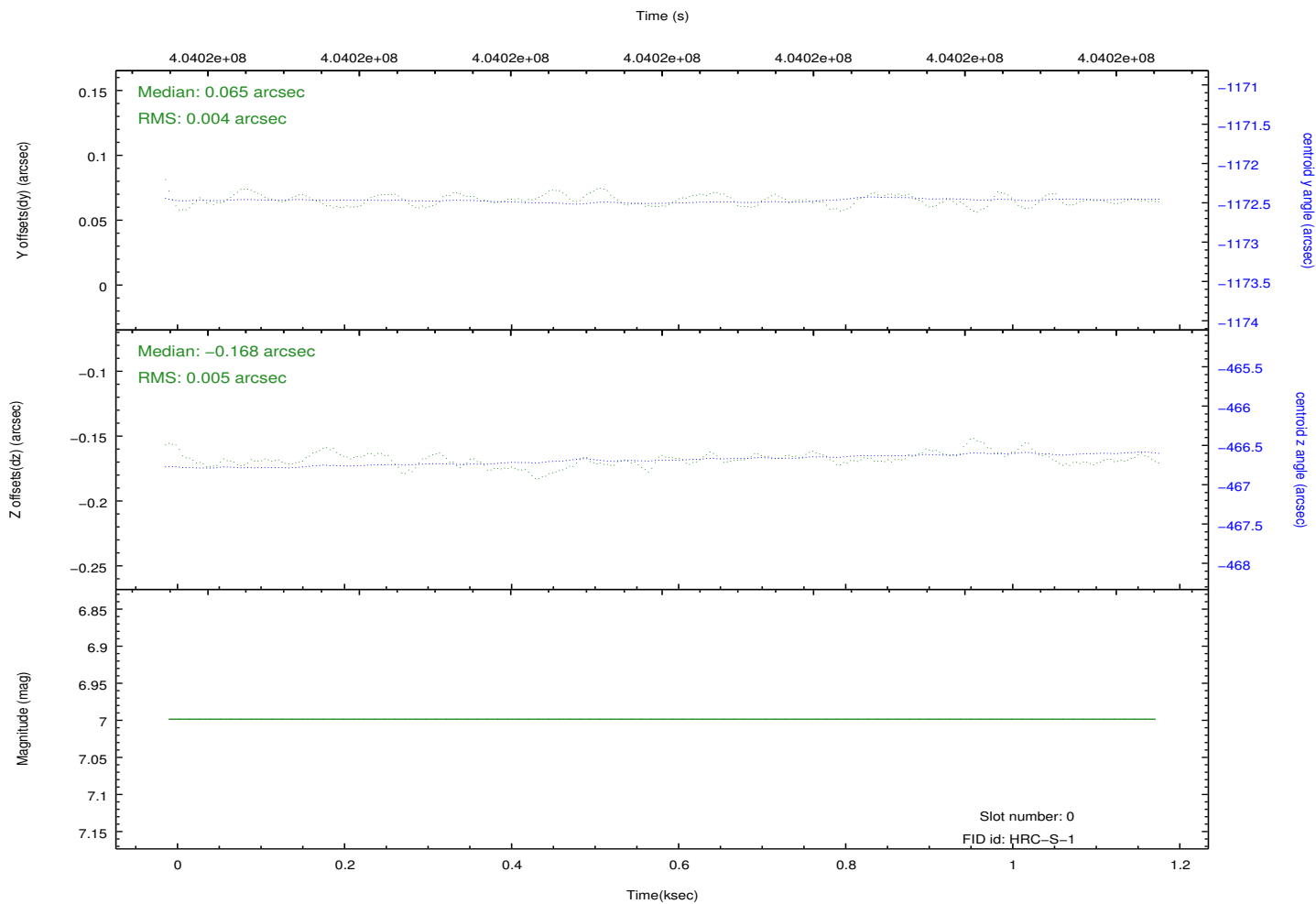
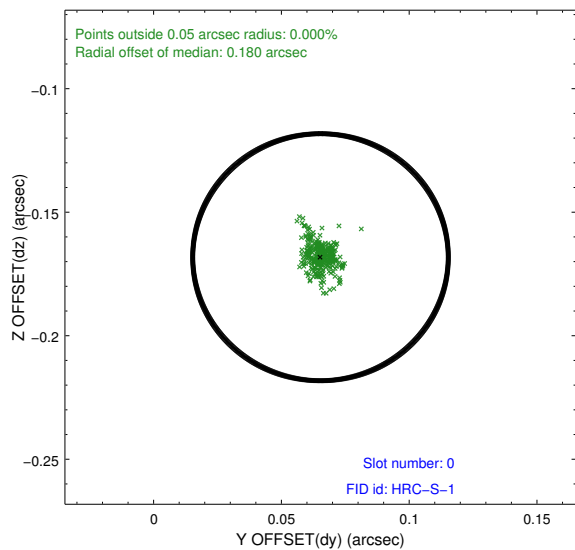
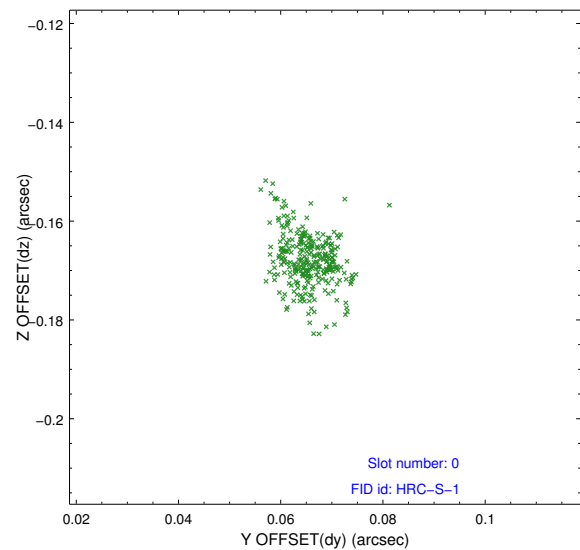


2.4.5 Slot 7

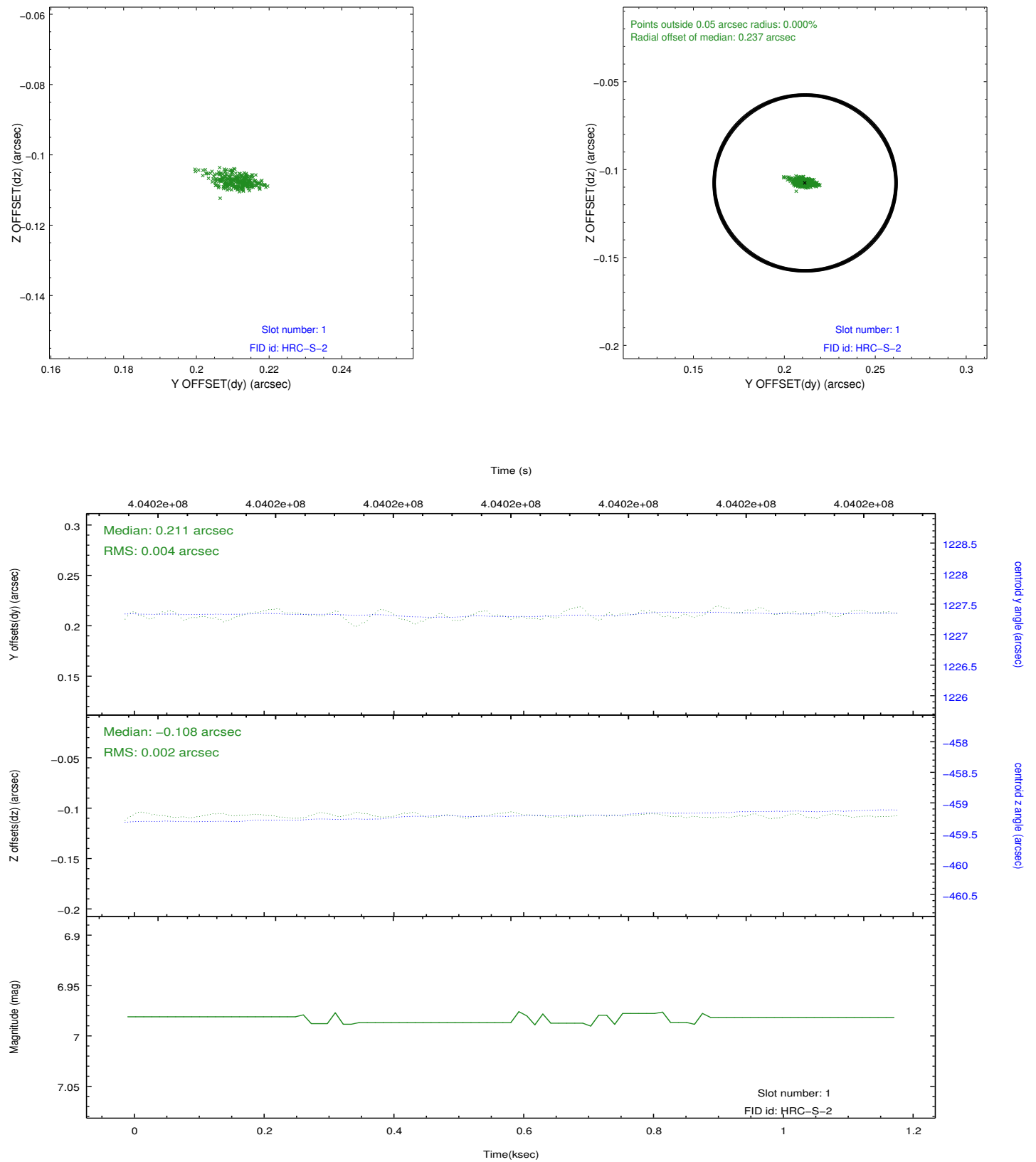


2.5 FID Slots

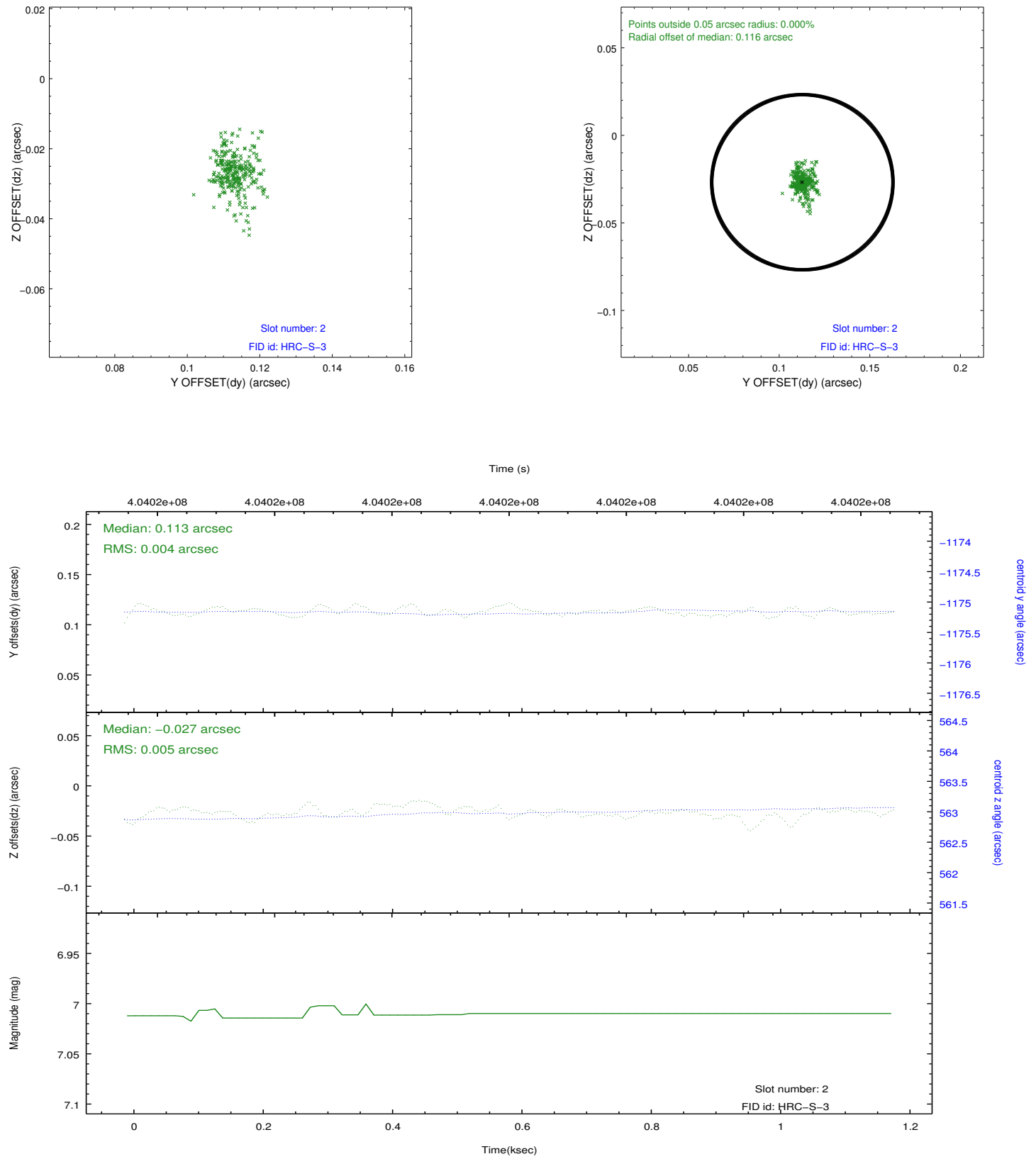
2.5.1 Slot 0



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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1891281890273

A.2 Comments

Window constraint met. Source is far off-axis.