

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14243 - L2 Version 4
Chandra X-Ray Center

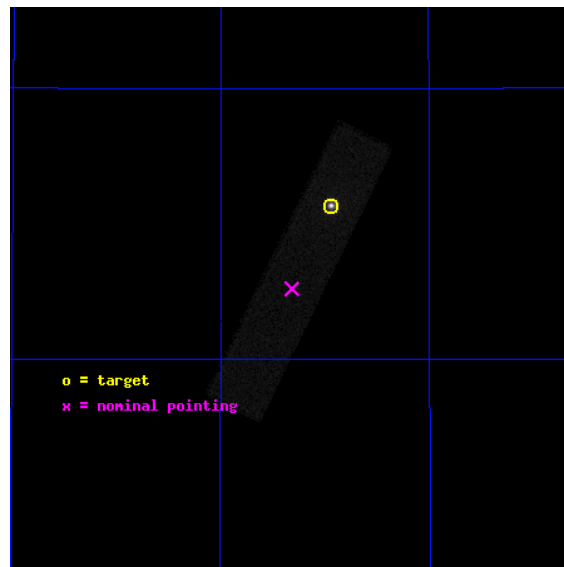
L2 Processing Date : Aug 9 2012

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1 Front

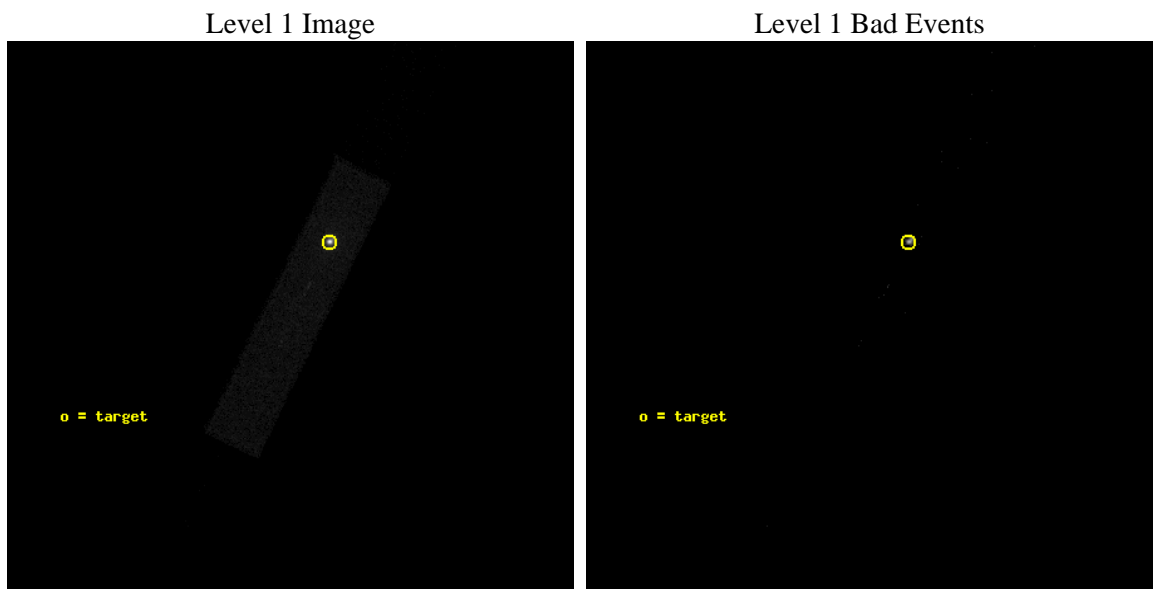
seq_num	291016	Sequence number
obs_id	14243	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.32929620334	Nominal RA [deg]
dec_nom	38.631195566491	Nominal Dec [deg]
roll_nom	296.17448476474	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1161.5813111663	[s]
liveltime	1028.152982234	Ontime multiplied by DTCOR
l2events	203961	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1161.5813111663	[s]
caldsver	4.5.1.1	 	l1events	268425	Number of level 1 events
date	2012-08-10T02:40:36	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

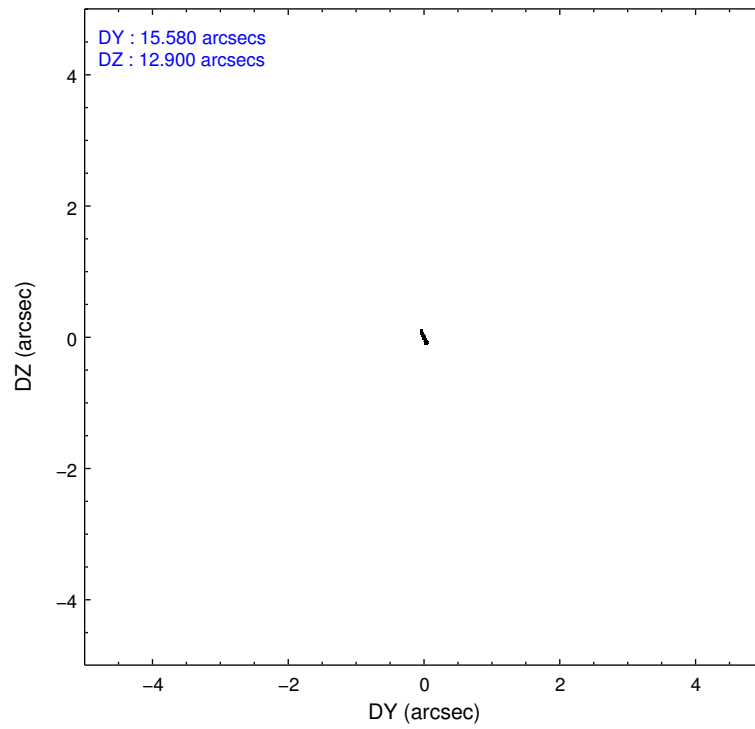
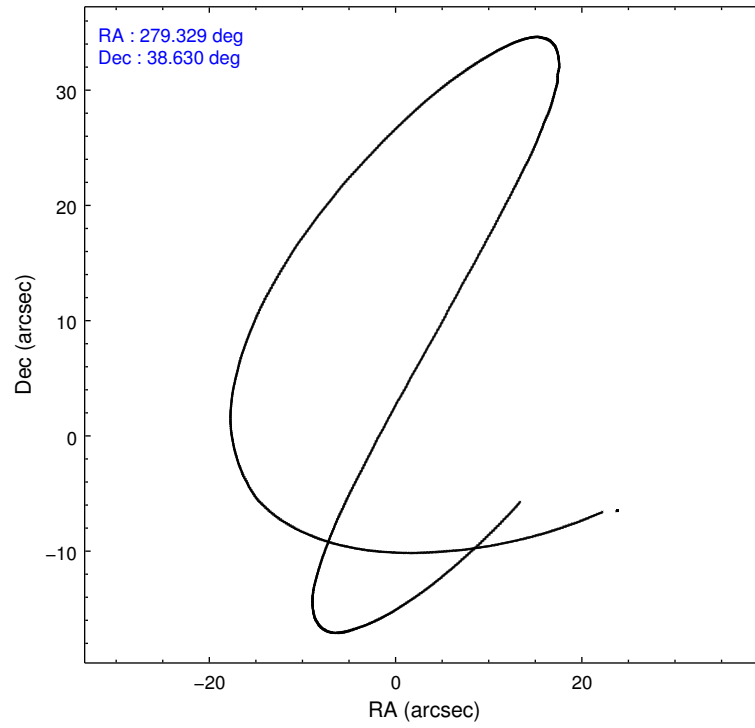
	segment 1	segment 2	segment 3
level 1 events	5566	261573	1286
rejected events	5542	47431	1264
rejected %	99%	18%	98%

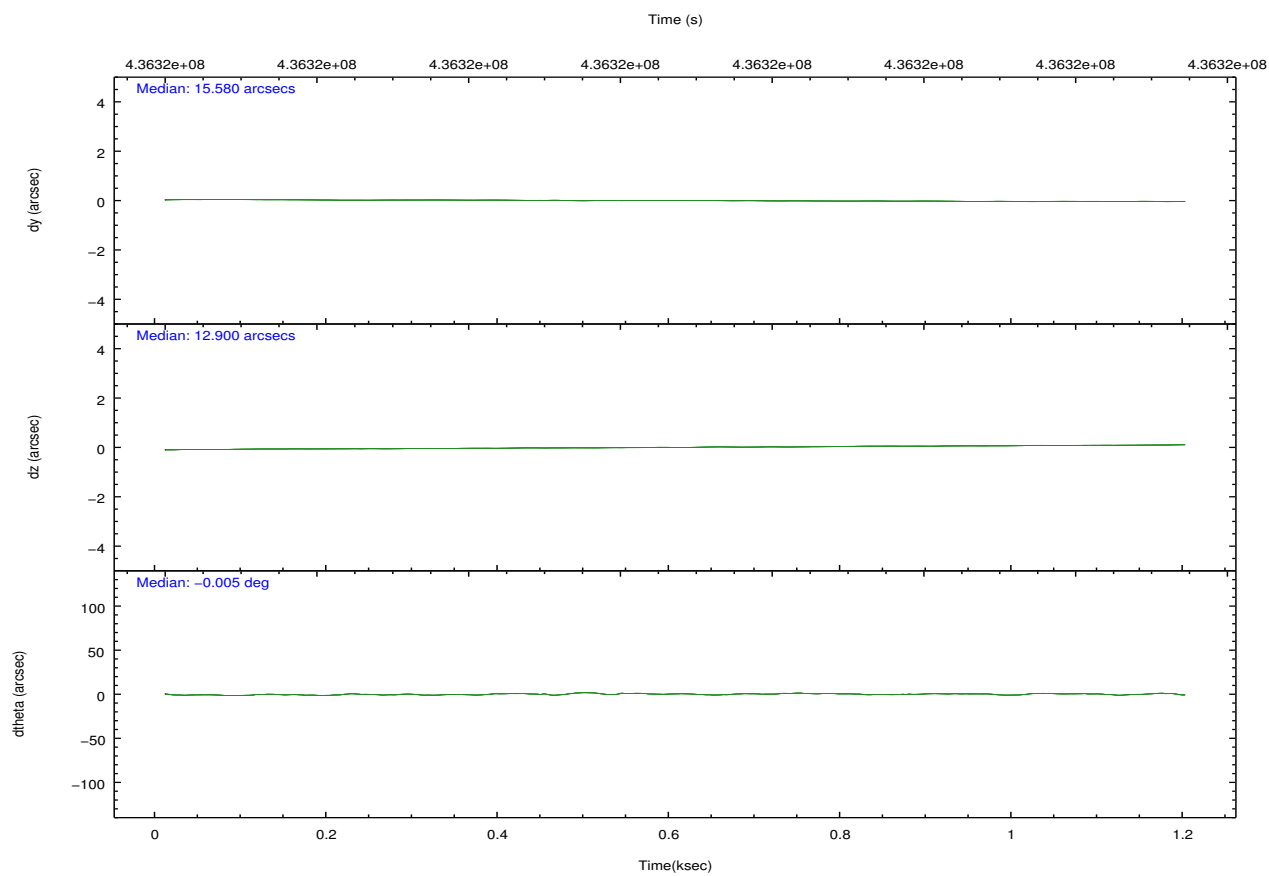
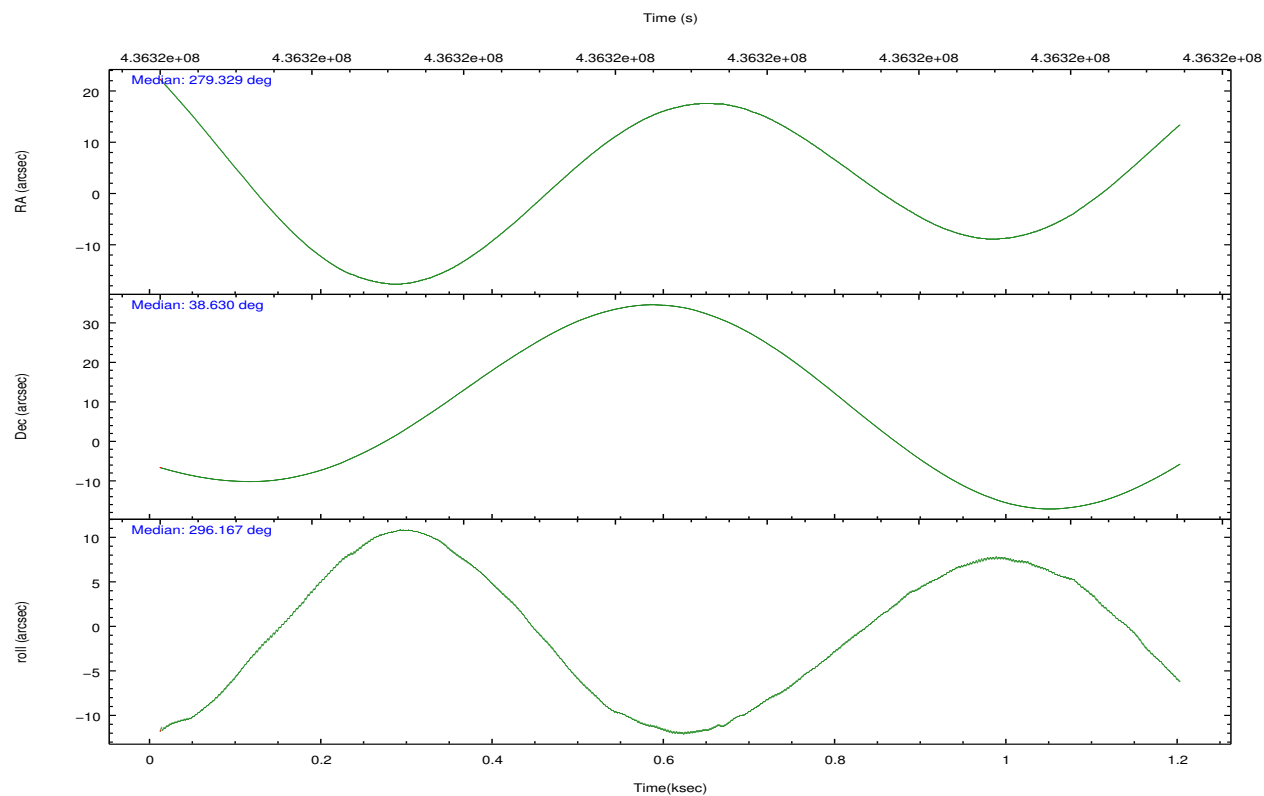
2.2 Compared Parameters

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	279.298774	279.3292962033424
[deg] Pointing Dec	38.646854	38.6311955664909
[deg] Pointing Roll	296.126236	296.1744847647401
[s] Window start time (MET)	431222466.184000	431222466.184000
[s] Window stop time (MET)	436320066.184000	436320066.184000
[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)	436316266.184000	436315890.29611
Observation start date	2011-10-29T22:56:40	2011-10-29T22:51:30
[s] Observation end time (MET)	436317266.184000	436317401.14619
Observation end date	2011-10-29T23:13:20	2011-10-29T23:16:41

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

2.3 Aspect



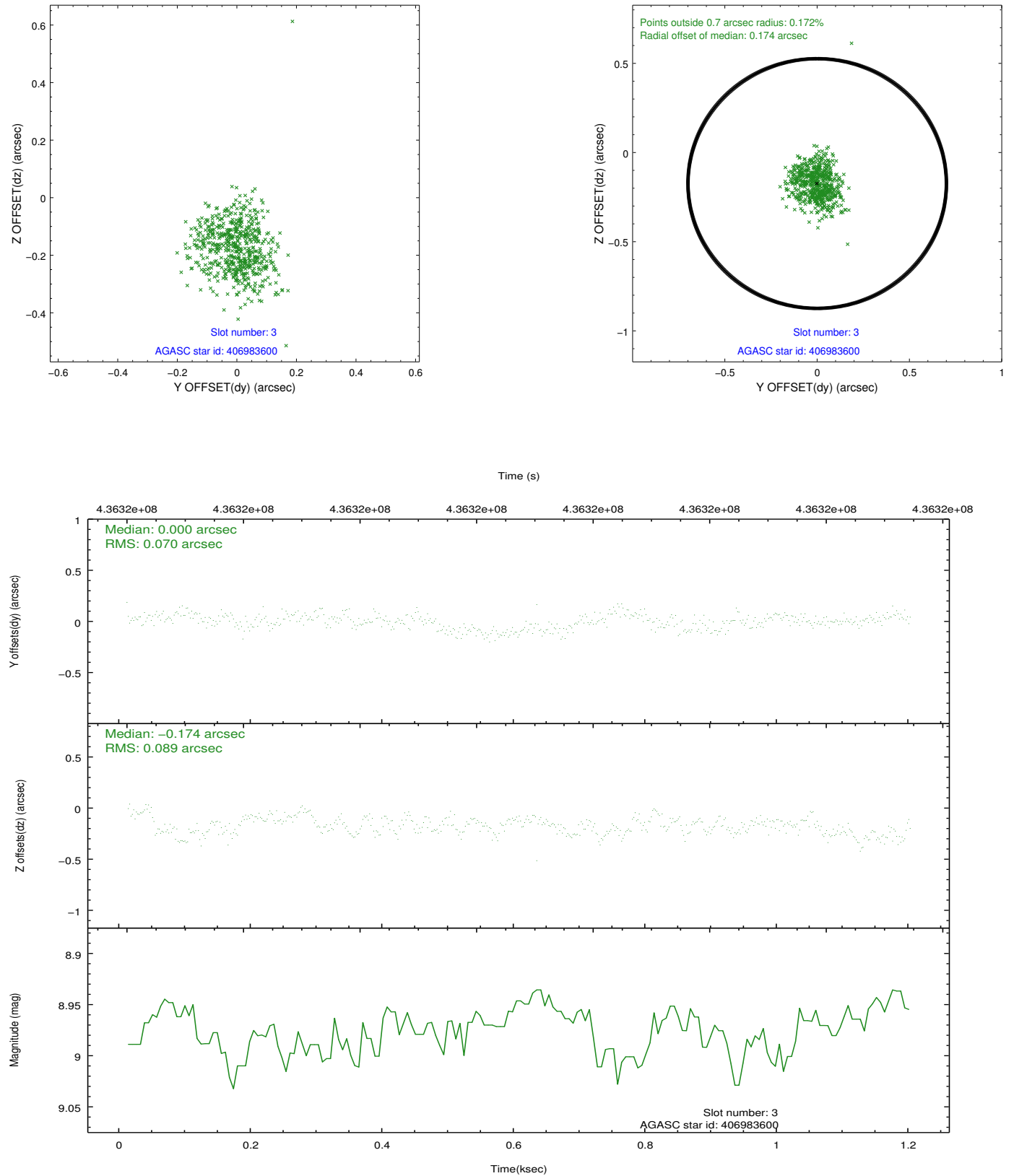


Slot Statistics

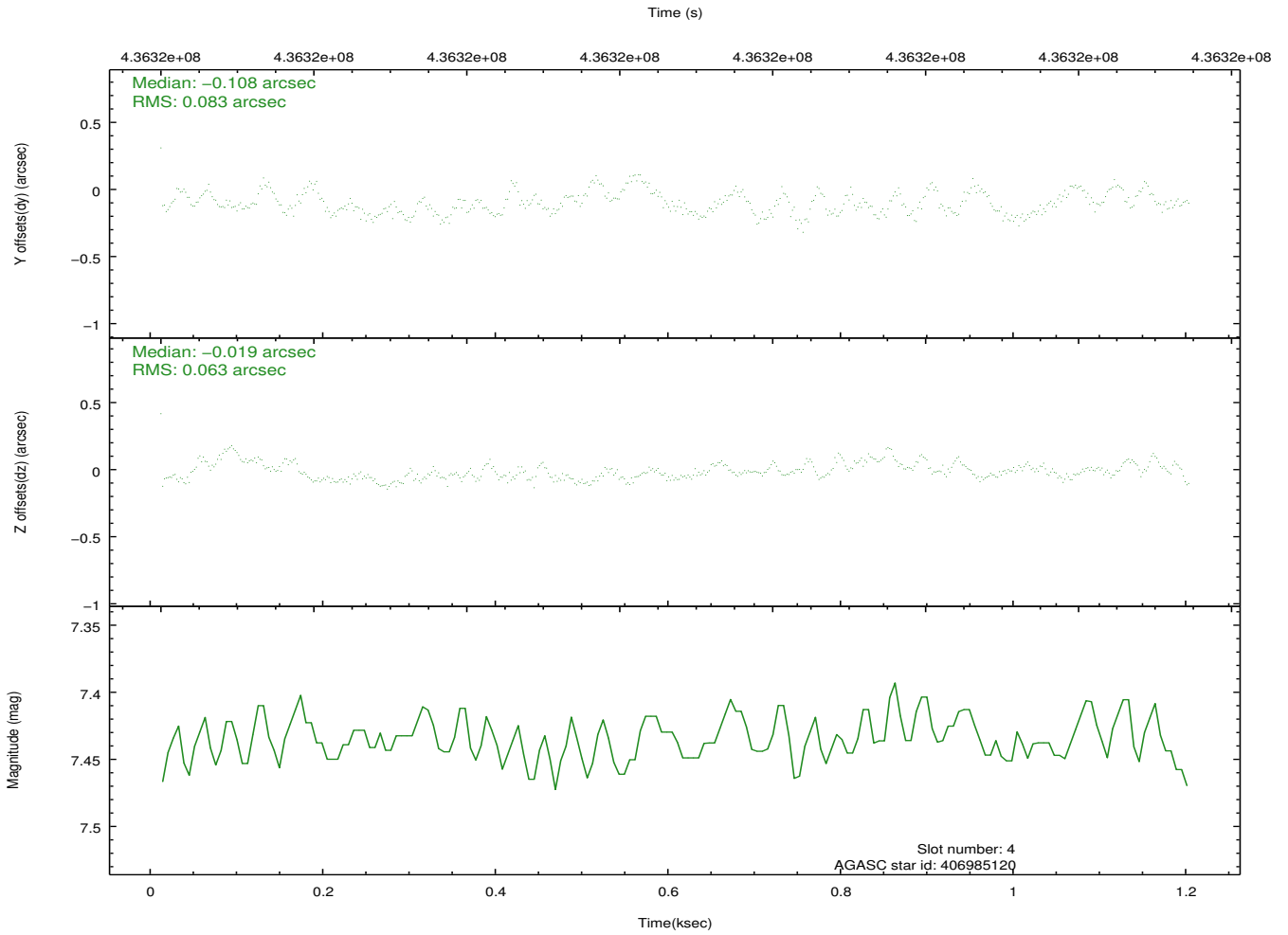
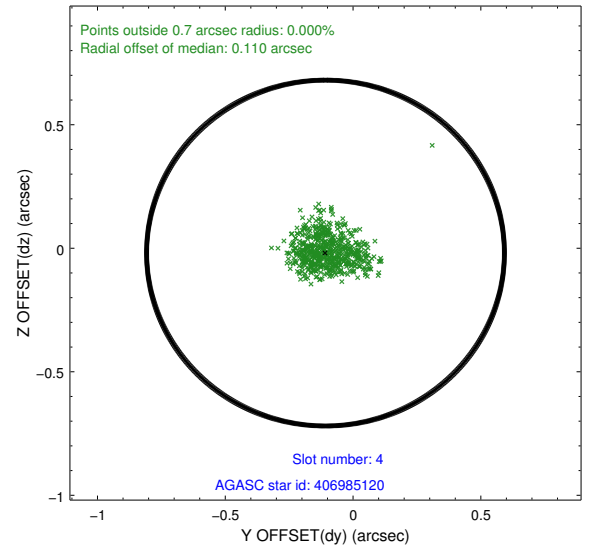
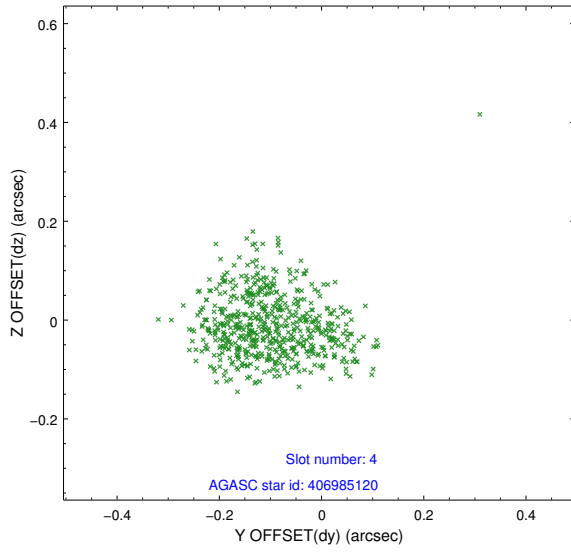
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	291	0.003	-0.120	0.006	0.009	0.000000	0.000000	-1170.06	-461.69
1	FID	HRC-S-2	6.93	291	0.308	-0.121	0.004	0.009	0.000000	0.000000	1225.88	-455.85
2	FID	HRC-S-3	6.96	291	0.080	-0.061	0.006	0.010	0.000000	0.000000	-1168.52	566.32
3	GUIDE	406983600	8.98	582	0.000	-0.174	0.117	0.179	279.940957	39.020708	-423.31	2212.58
4	GUIDE	406985120	7.44	582	-0.108	-0.019	0.109	0.172	278.839732	38.894839	-1372.78	-752.40
5	GUIDE	406987272	6.96	582	-0.031	0.108	0.075	0.127	278.536588	38.437504	-281.79	-2254.59
6	GUIDE	406993992	7.65	582	0.109	0.028	0.085	0.142	279.053714	38.034587	1671.20	-1593.11
7	GUIDE	407521232	8.65	581	0.021	0.056	0.090	0.171	279.628883	39.431715	-2132.80	2070.41

2.4 Star Slots

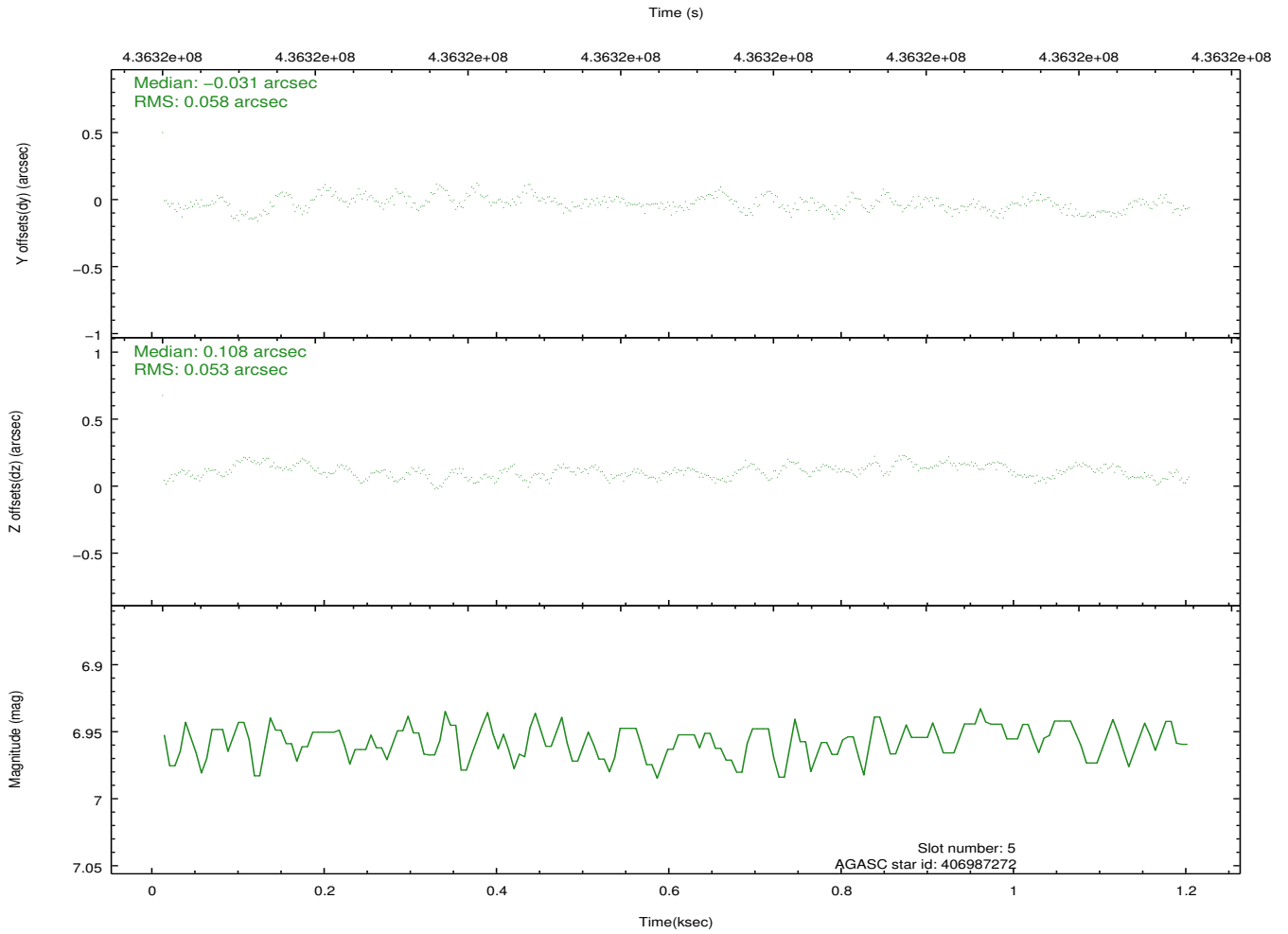
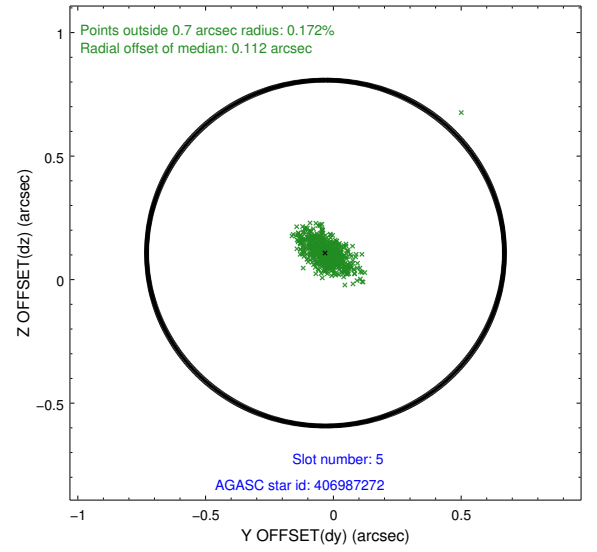
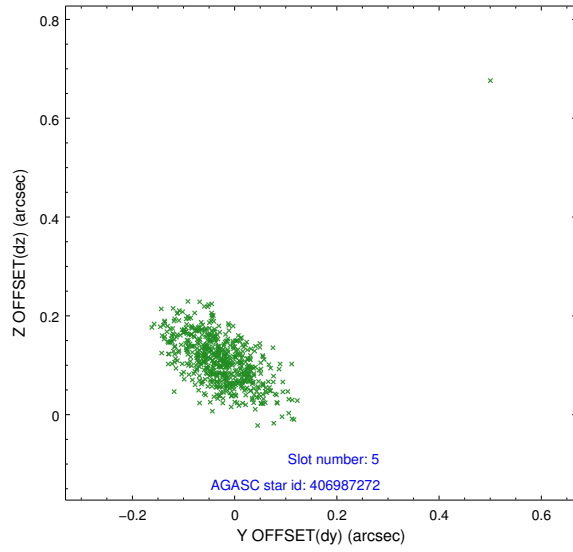
2.4.1 Slot 3



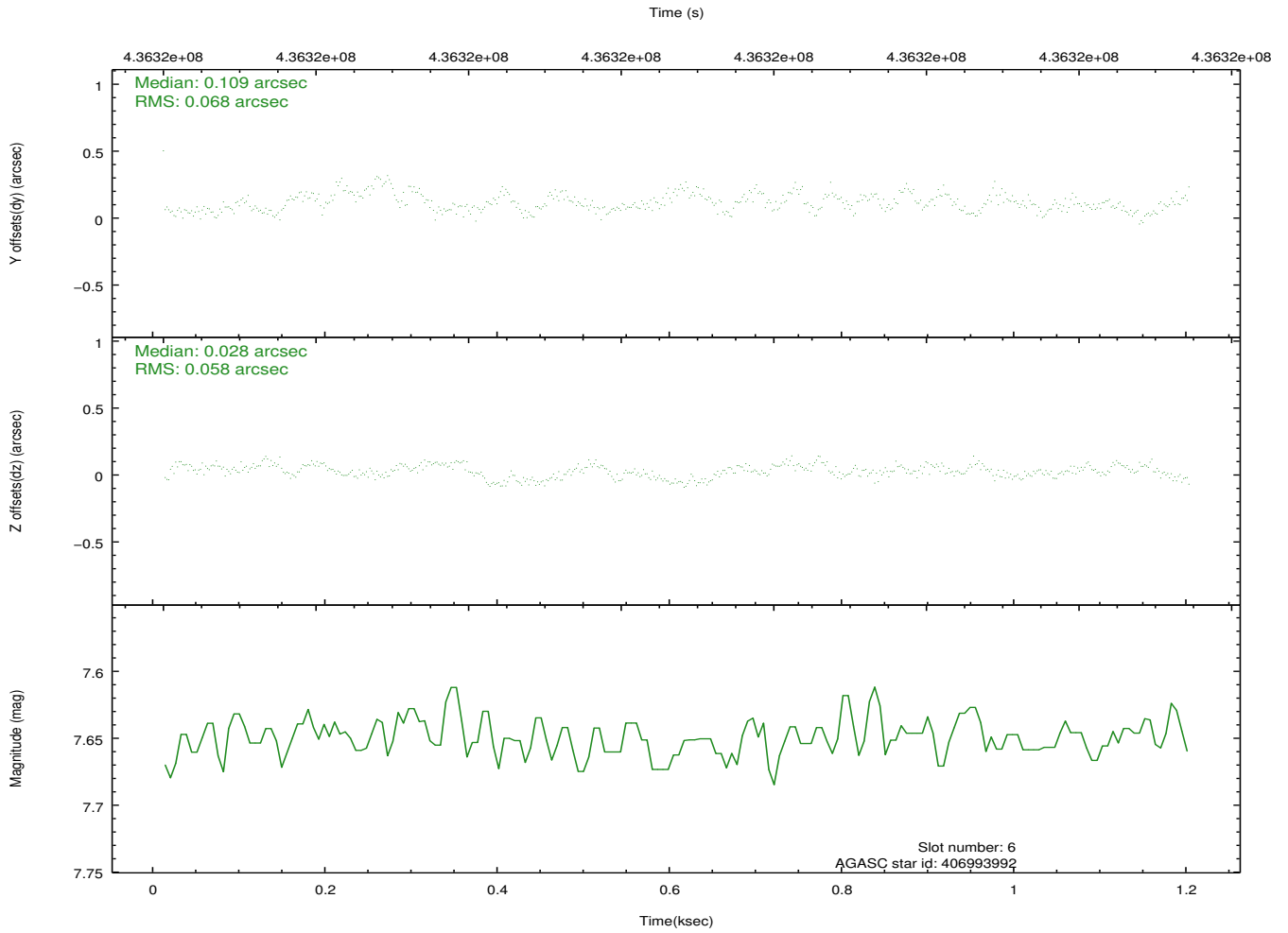
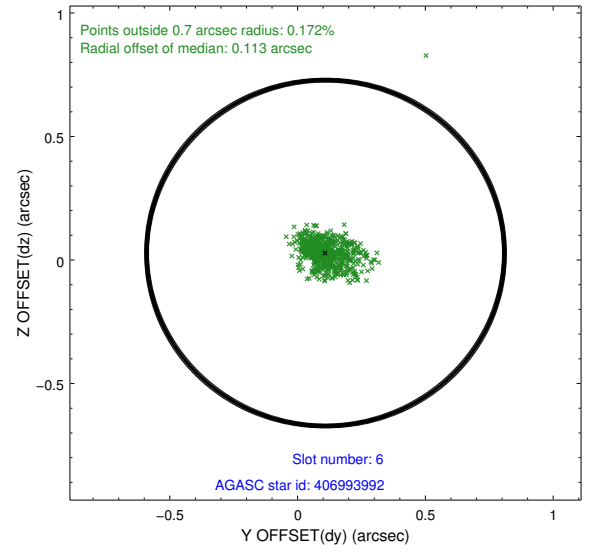
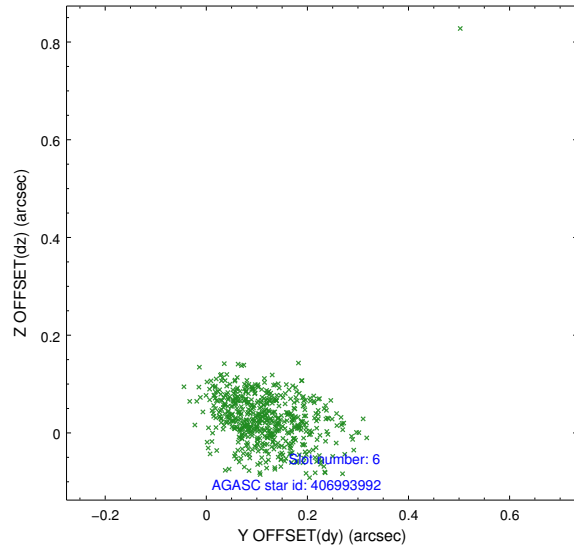
2.4.2 Slot 4



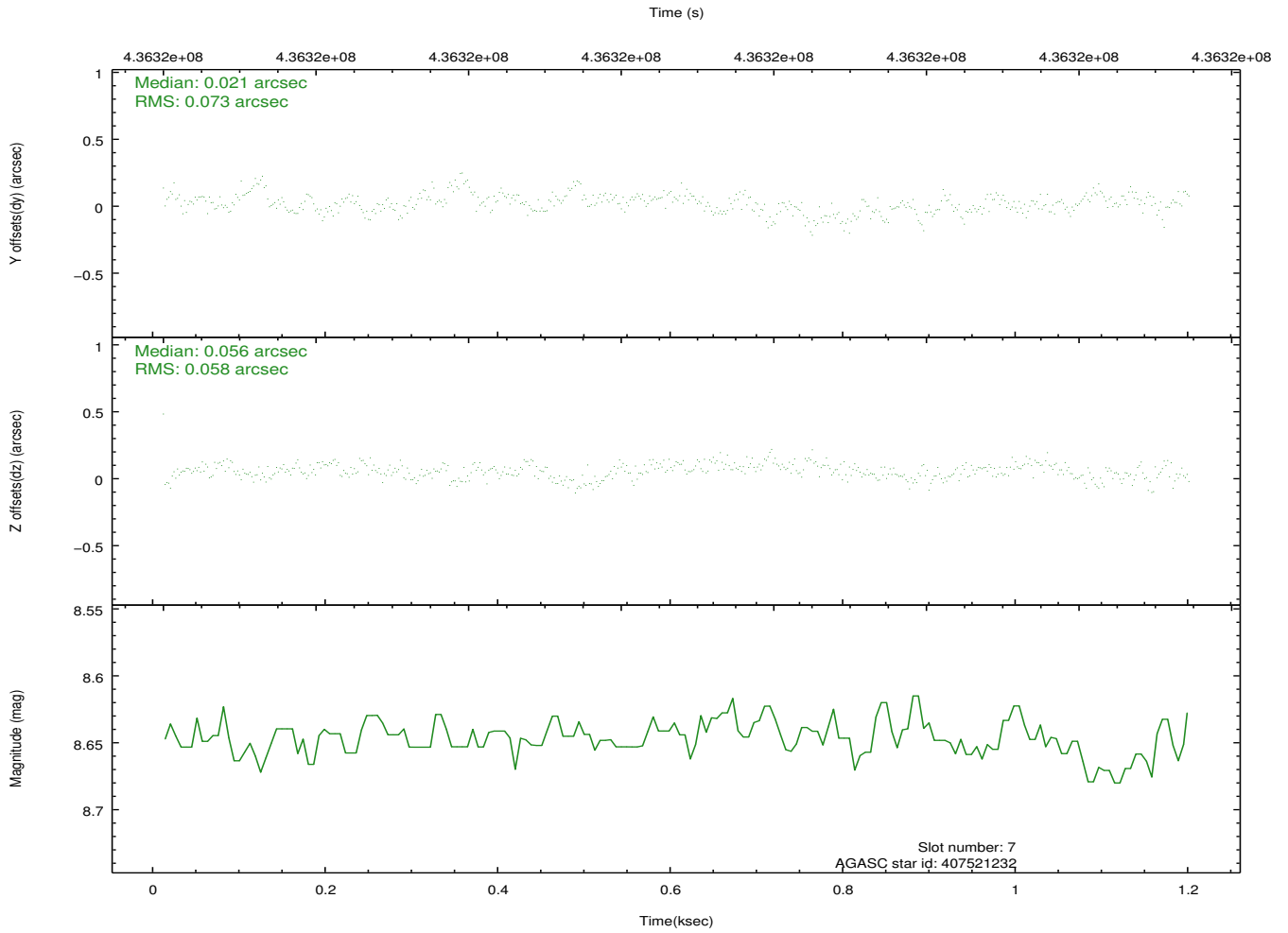
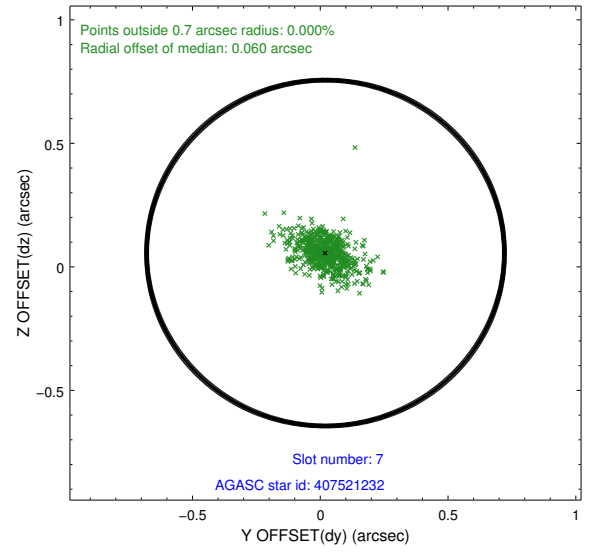
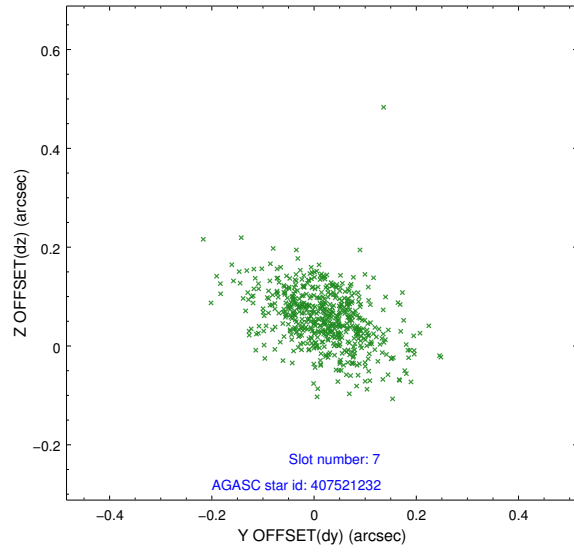
2.4.3 Slot 5



2.4.4 Slot 6

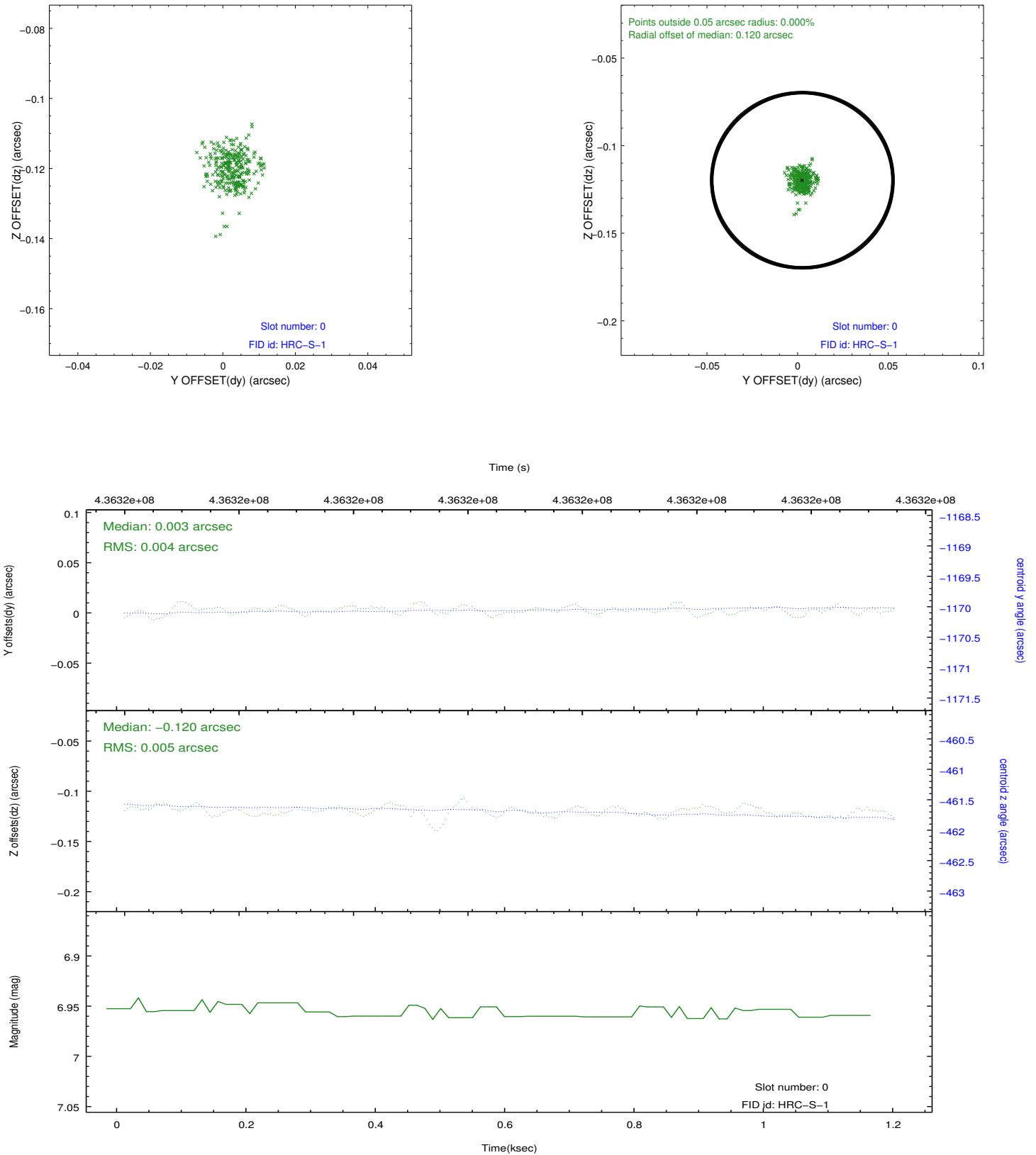


2.4.5 Slot 7

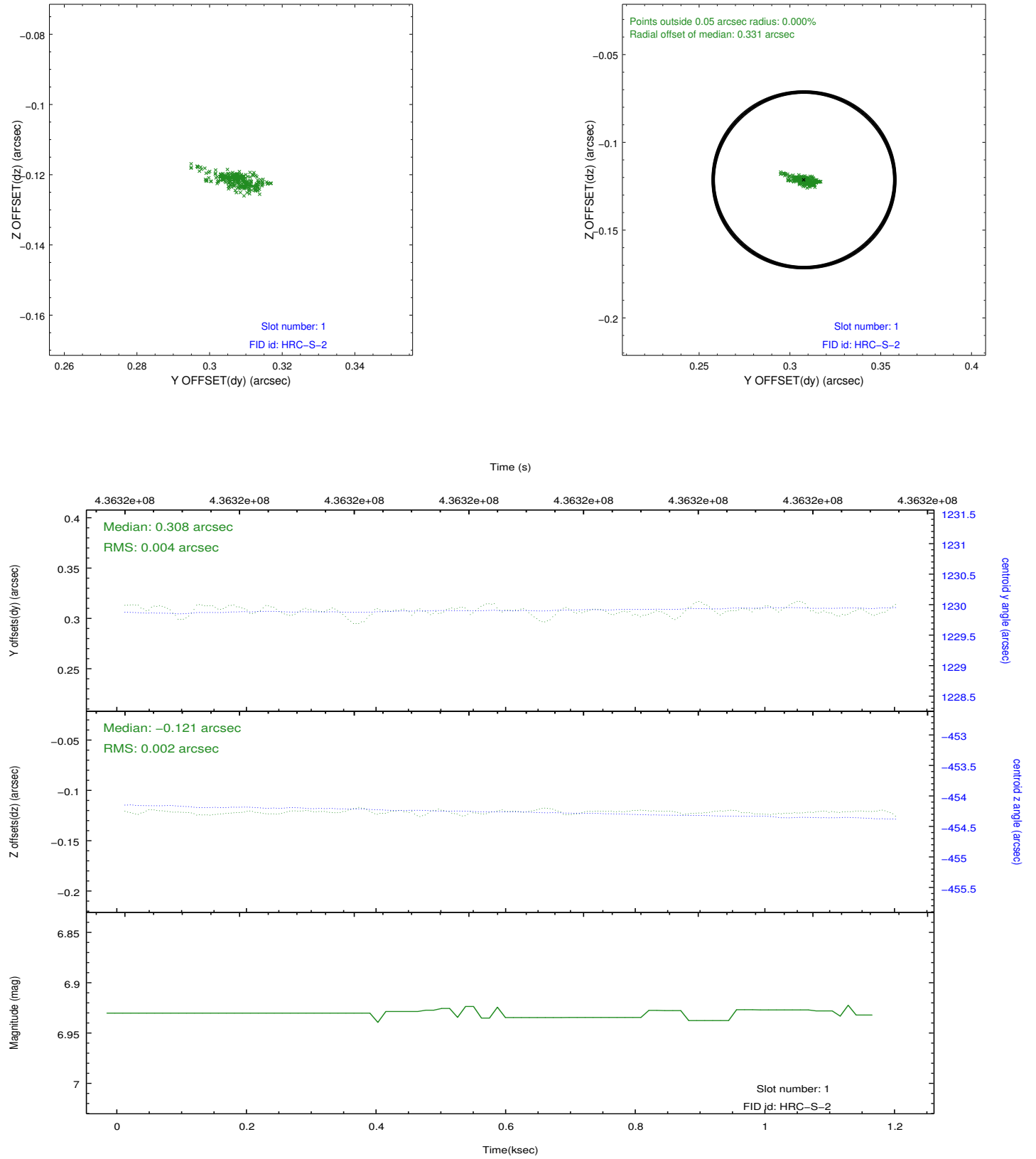


2.5 FID Slots

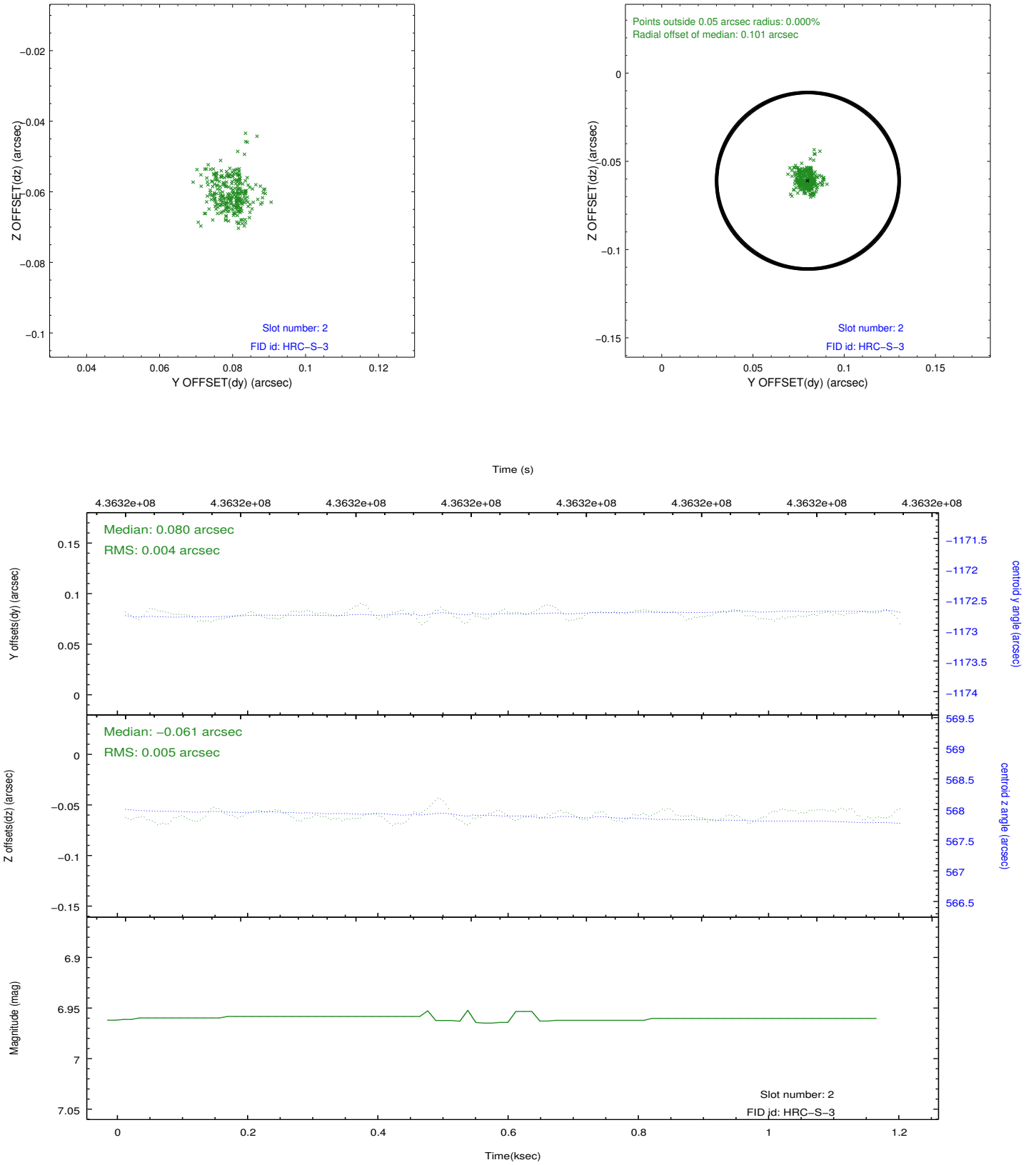
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1615813113451

A.2 Comments

Window preference met.