

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14252 - L2 Version 3
Chandra X-Ray Center

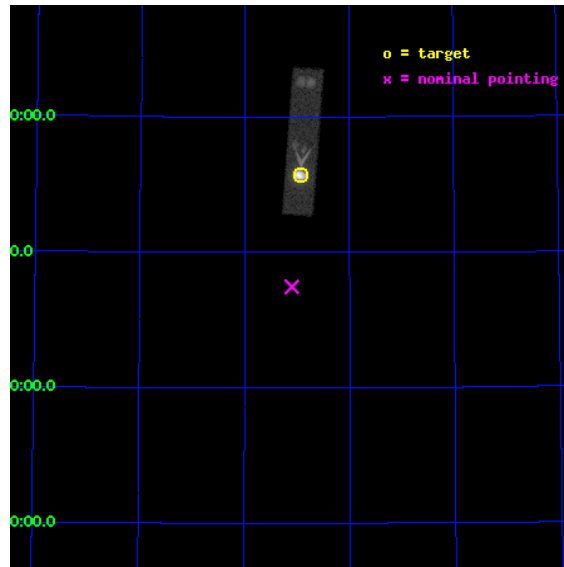
L2 Processing Date : Aug 10 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

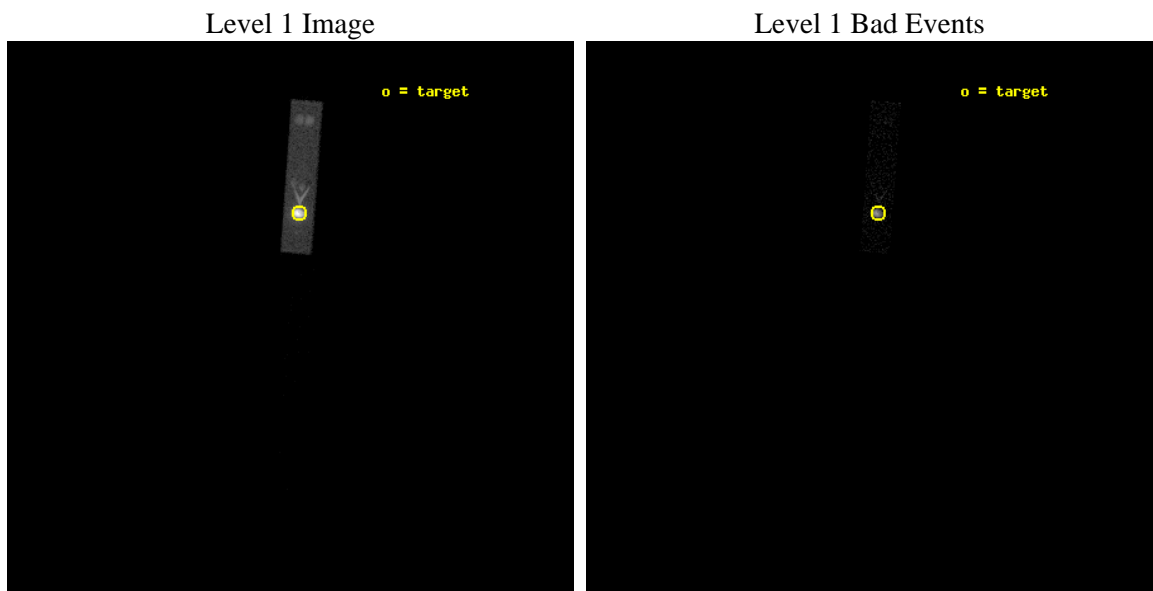
seq_num	291025	Sequence number
obs_id	14252	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.27460246163	Nominal RA [deg]
dec_nom	38.372933649542	Nominal Dec [deg]
roll_nom	94.217507987369	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1173.8813120723	[s]
liveltime	469.06066036312	Ontime multiplied by DTCOR
l2events	208548	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	1173.8813120723	[s]
caldbver	4.5.1.1	 	l1events	280800	Number of level 1 events
date	2012-08-10T05:06:27	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

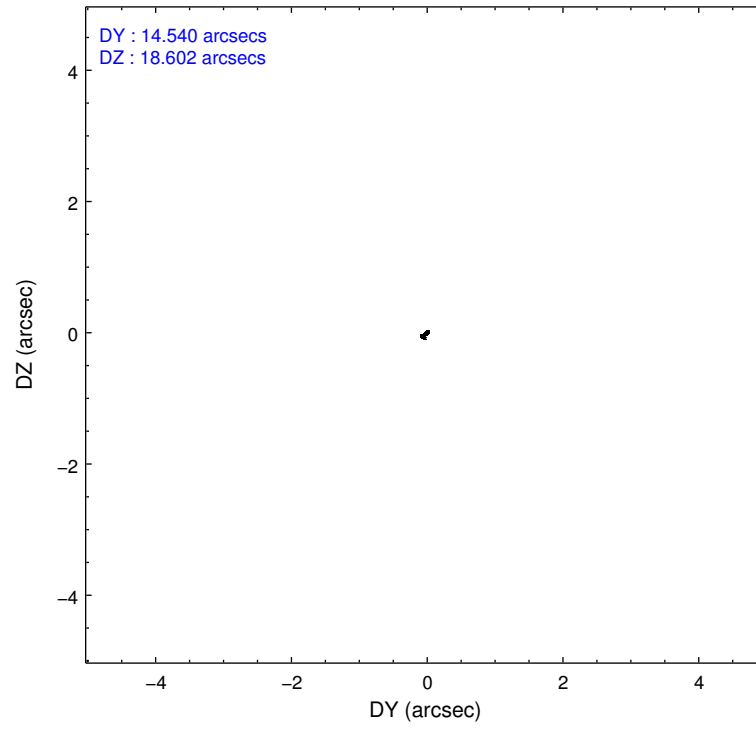
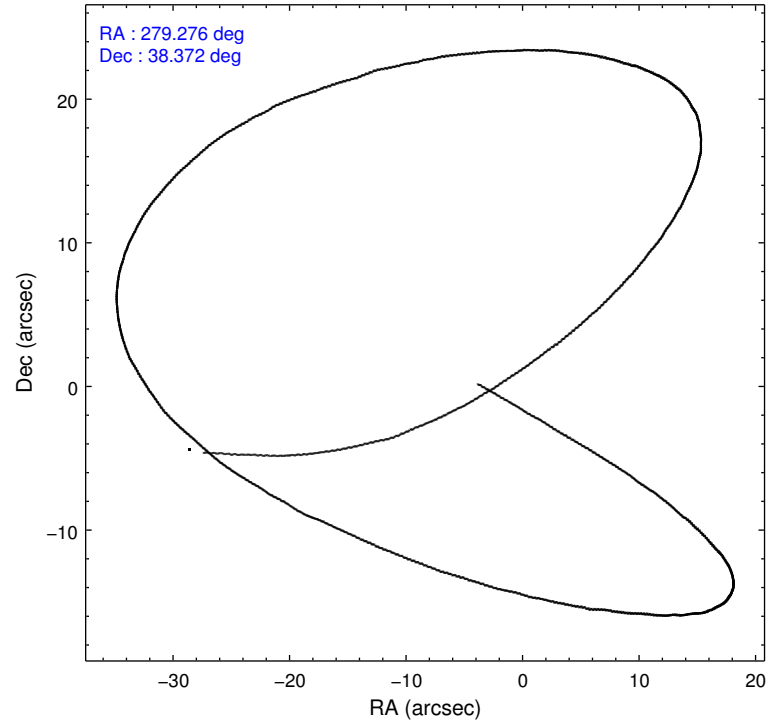
	segment 1	segment 2	segment 3
level 1 events	2	56	280742
rejected events	2	47	64301
rejected %	100%	83%	22%

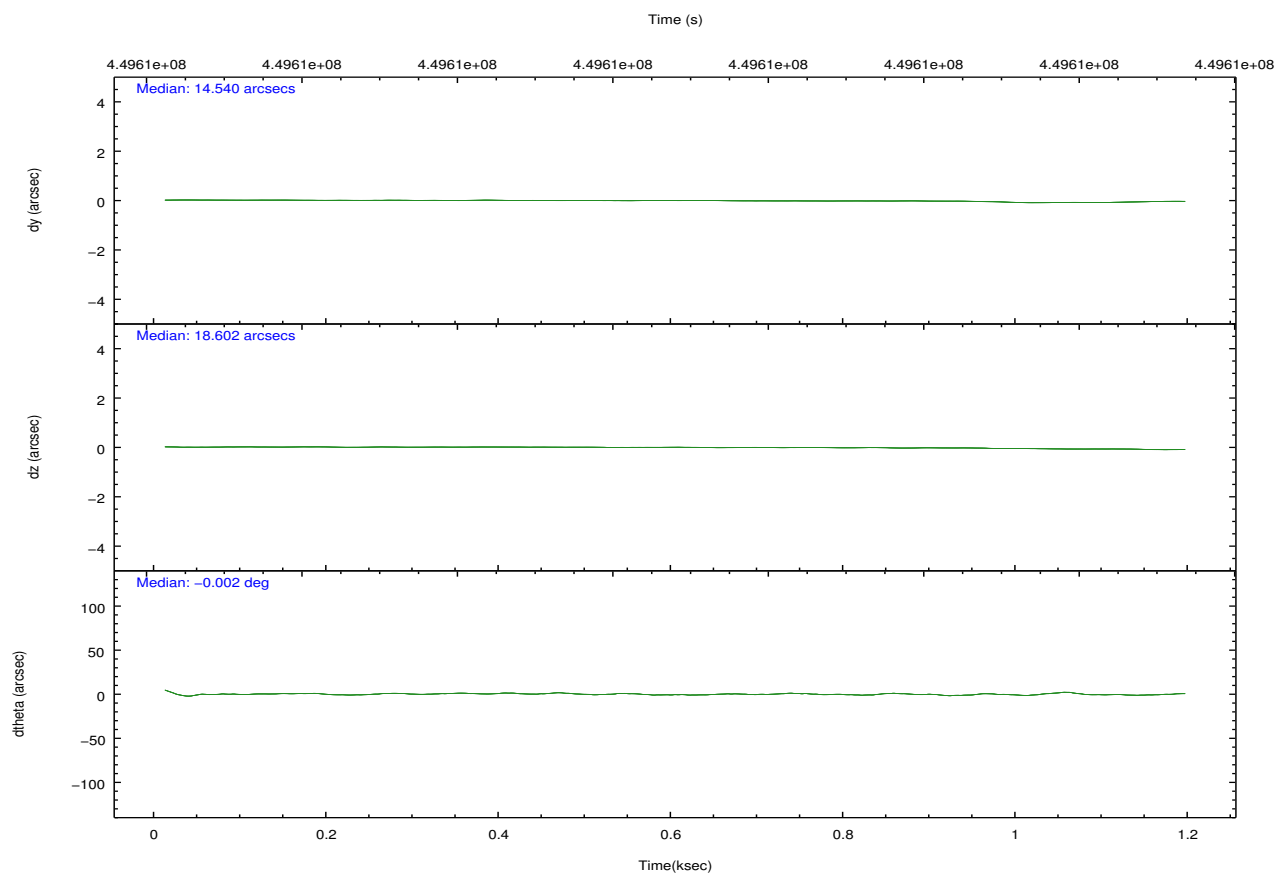
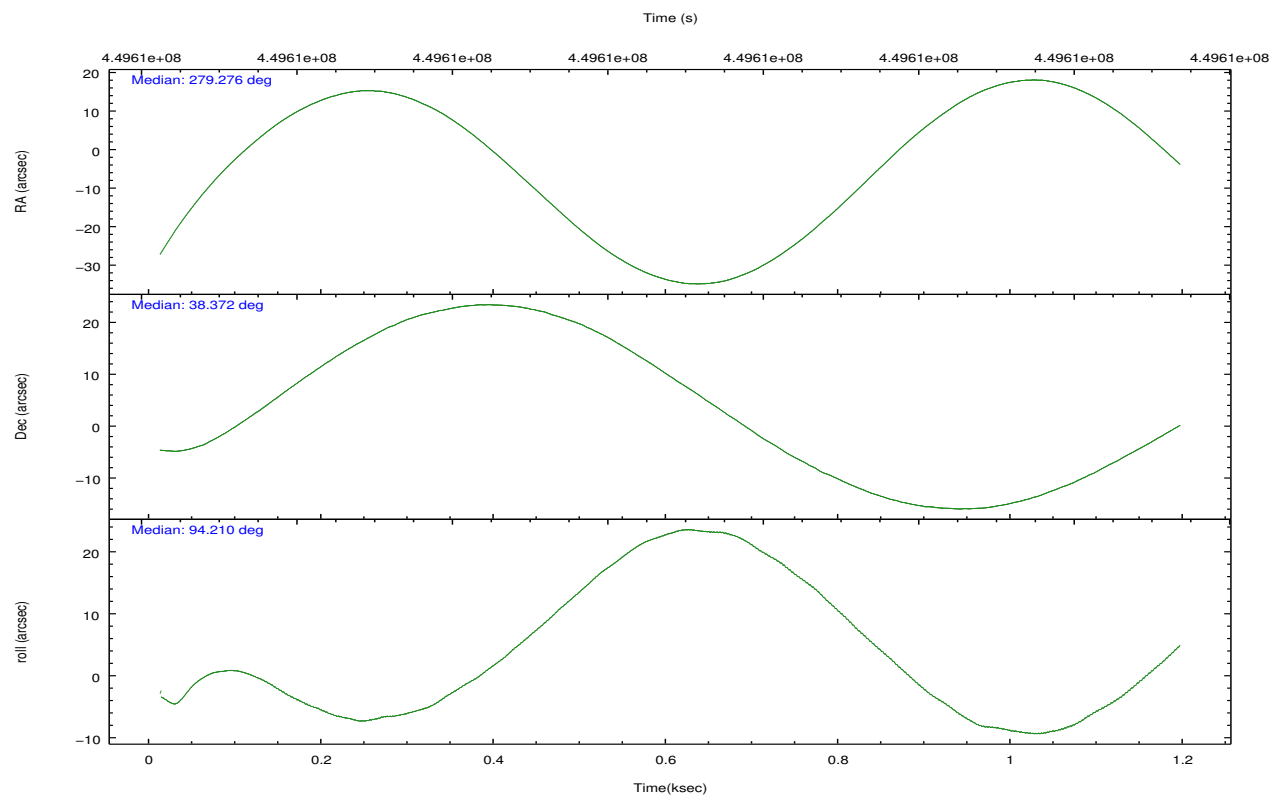
2.2 Compared Parameters

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	279.295404	279.2746024616275
[deg] Pointing Dec	38.350064	38.37293364954247
[deg] Pointing Roll	94.137508	94.21750798736939
[s] Window start time (MET)	446947266.184000	446947266.184000
[s] Window stop time (MET)	452131266.184000	452131266.184000
[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)	449608487.184000	449607596.43607
Observation start date	2012-03-31T19:13:41	2012-03-31T18:59:56
[s] Observation end time (MET)	449609487.184000	449610283.98621
Observation end date	2012-03-31T19:30:21	2012-03-31T19:44:43

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

2.3 Aspect



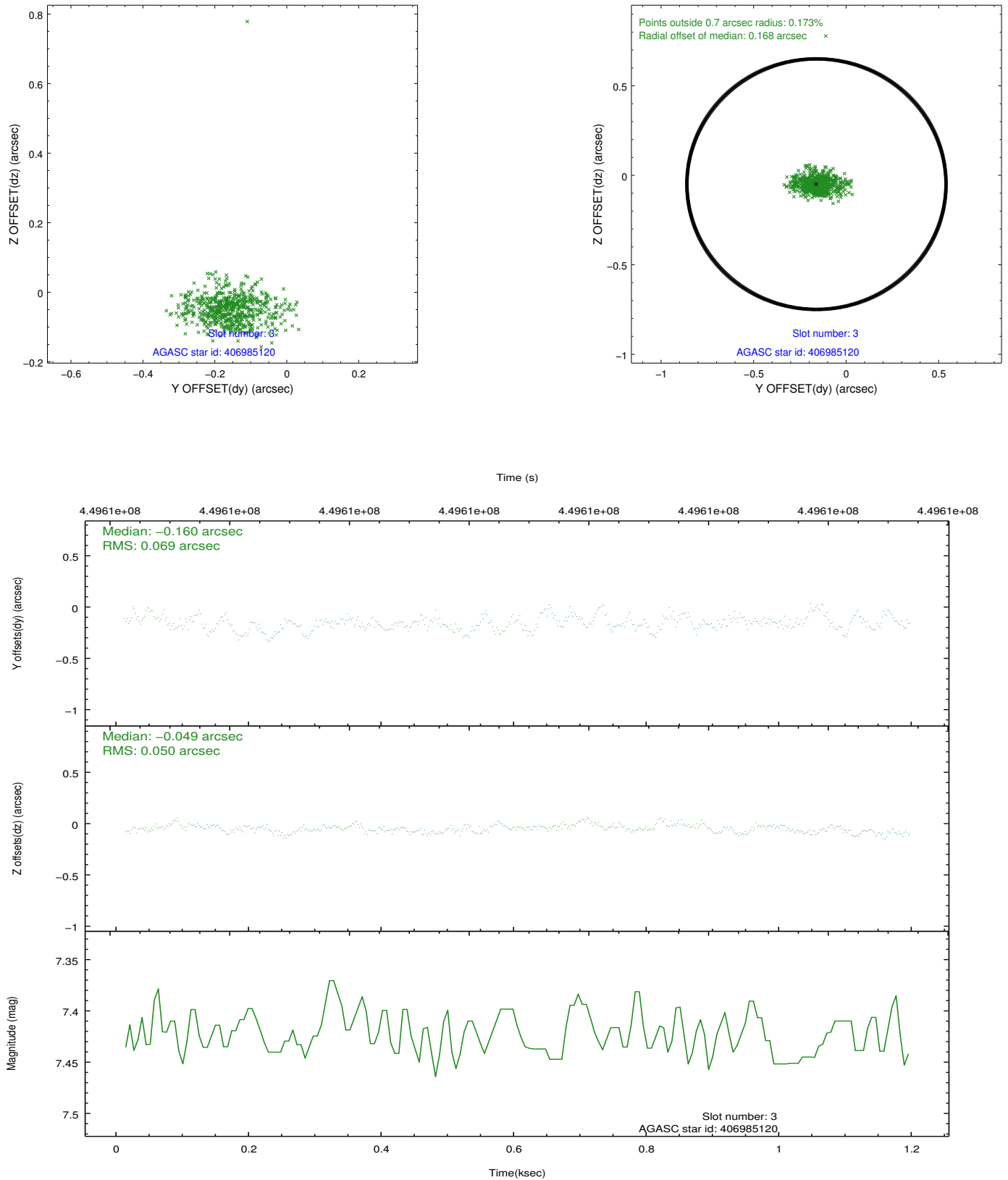


Slot Statistics

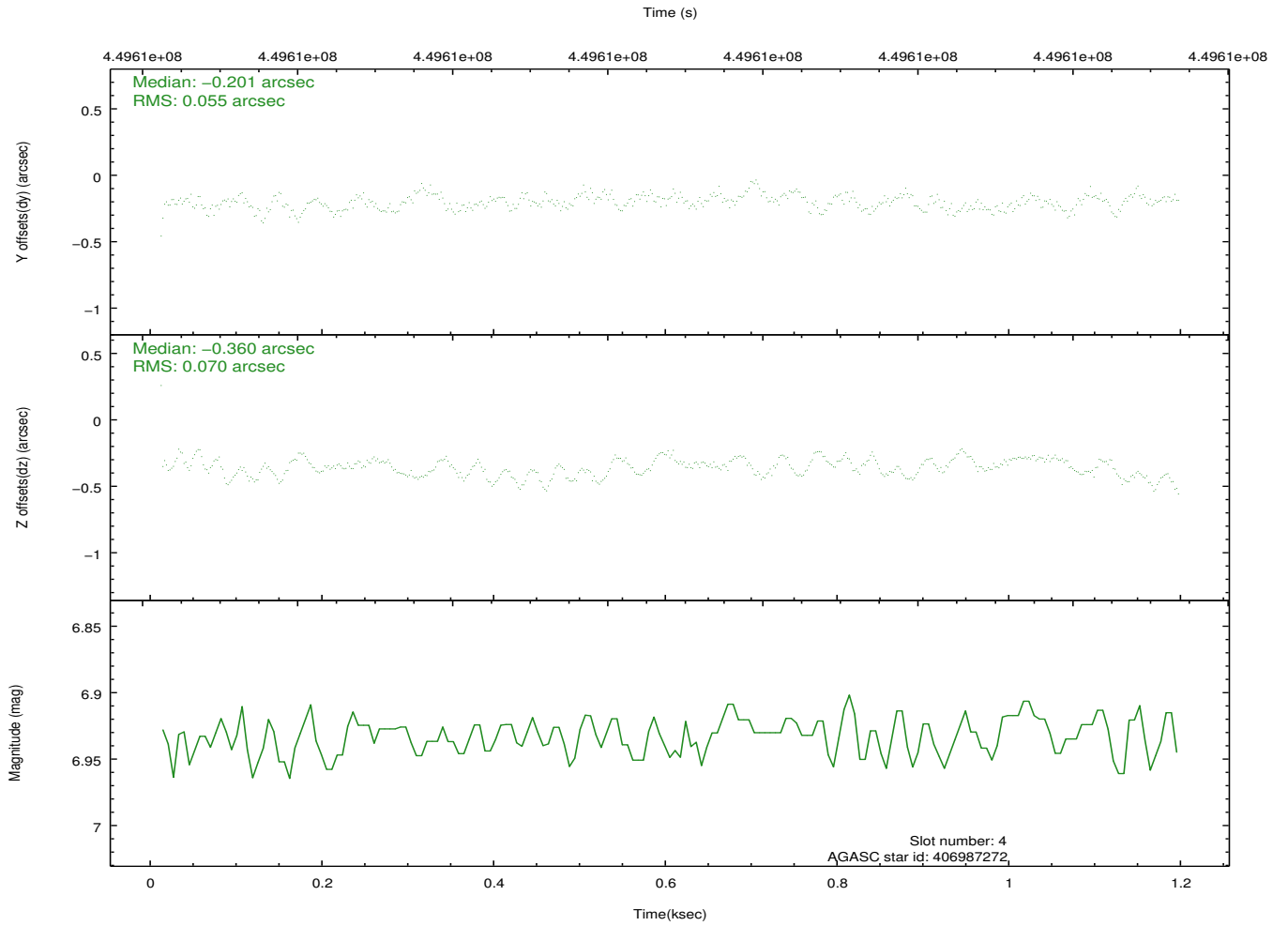
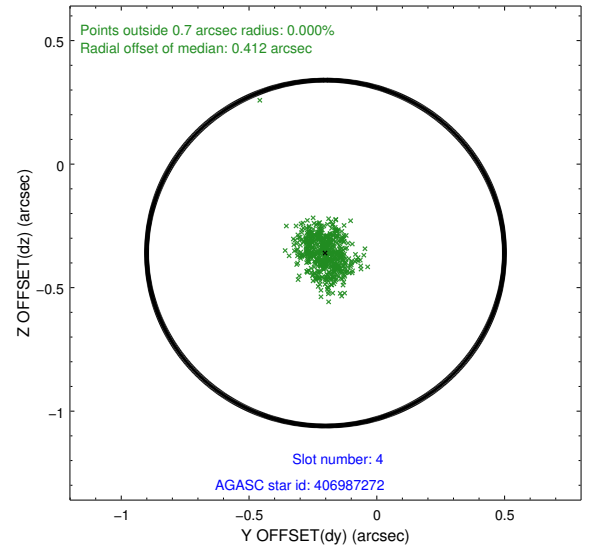
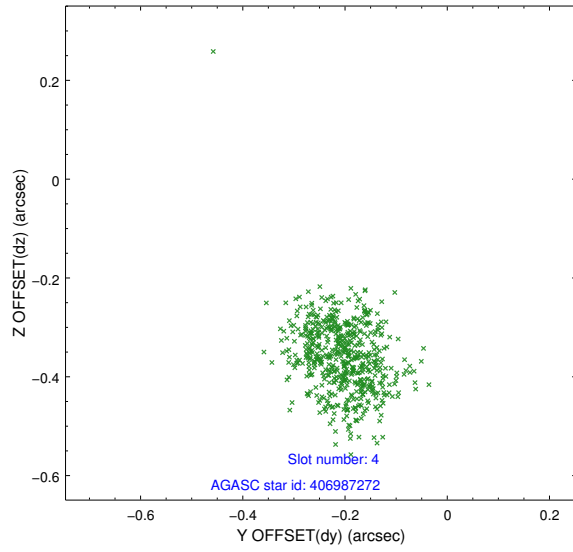
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.09	289	0.180	-0.167	0.009	0.014	0.000000	0.000000	1230.85	-460.22
1	FID	HRC-S-3	7.11	289	0.032	-0.079	0.005	0.010	0.000000	0.000000	-1167.39	560.50
2	FID	HRC-S-4	7.08	289	0.194	-0.049	0.008	0.014	0.000000	0.000000	1225.43	566.56
3	GUIDE	406985120	7.42	579	-0.160	-0.049	0.080	0.146	278.839732	38.894839	2051.62	1135.70
4	GUIDE	406987272	6.93	579	-0.201	-0.360	0.094	0.140	278.536588	38.437504	481.42	2116.52
5	GUIDE	406992968	7.64	579	0.122	0.298	0.074	0.117	279.925490	37.993090	-1402.35	-1682.90
6	GUIDE	406992120	8.72	579	0.168	0.069	0.089	0.142	278.923185	37.670464	-2362.24	1235.21
7	GUIDE	406983600	8.92	577	0.067	0.050	0.111	0.206	279.940957	39.020708	2279.75	-1970.41

2.4 Star Slots

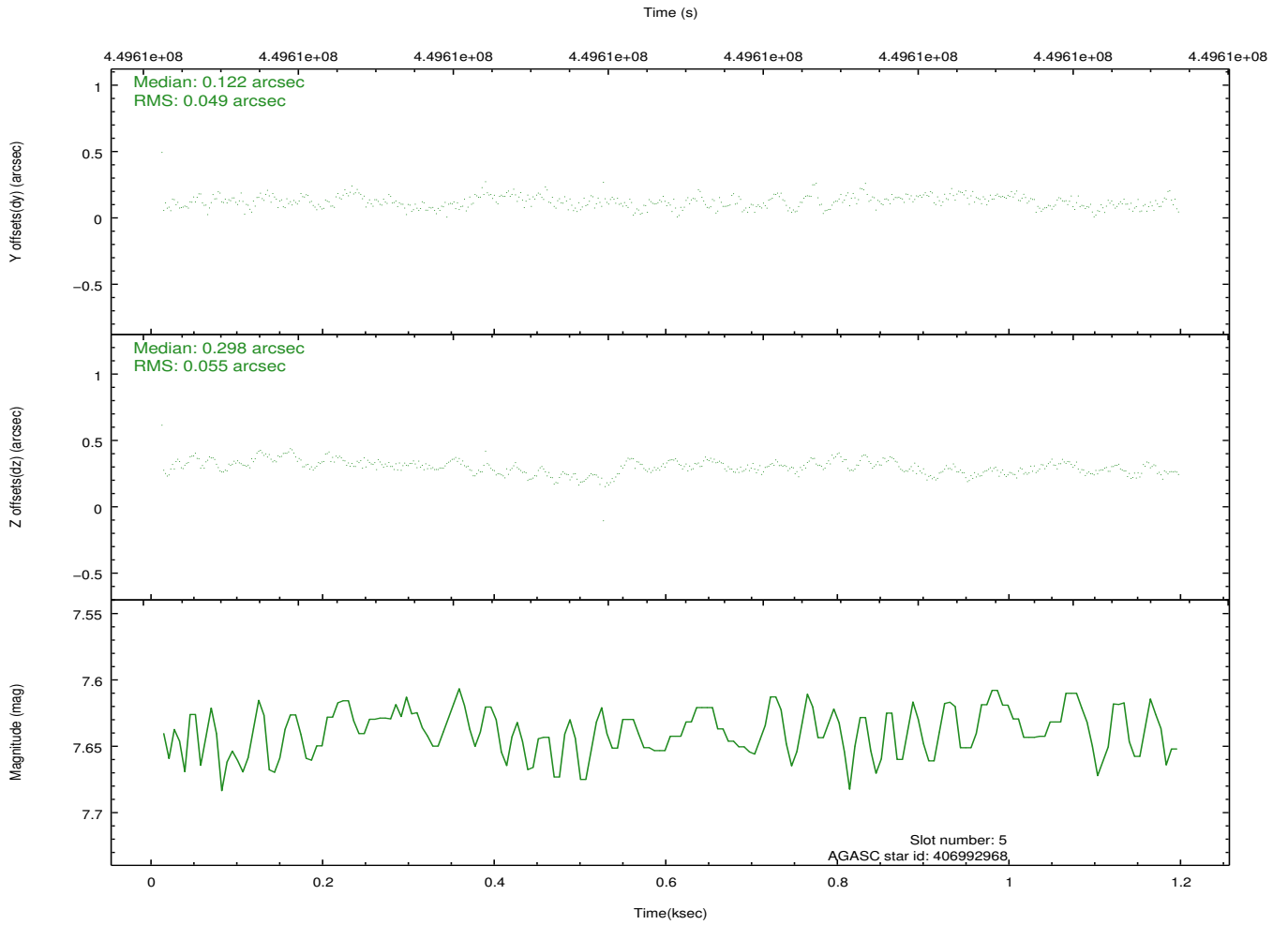
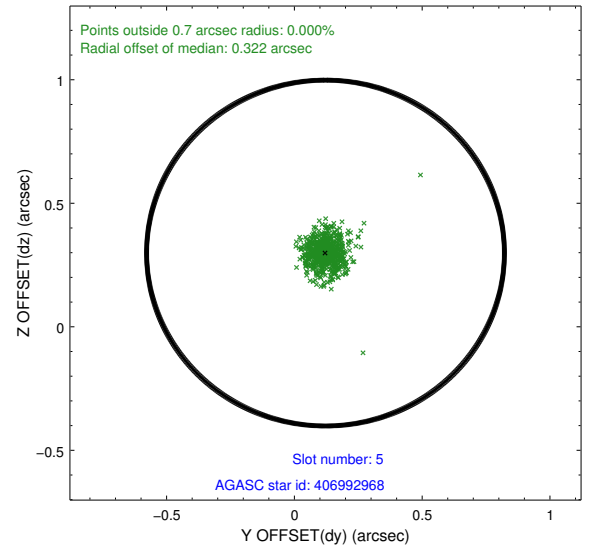
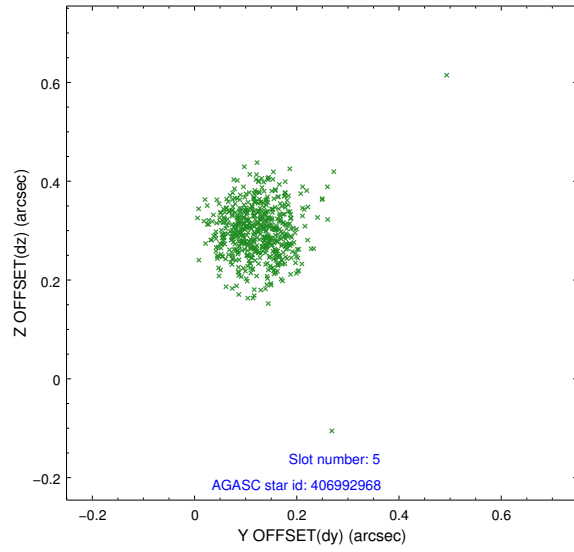
2.4.1 Slot 3



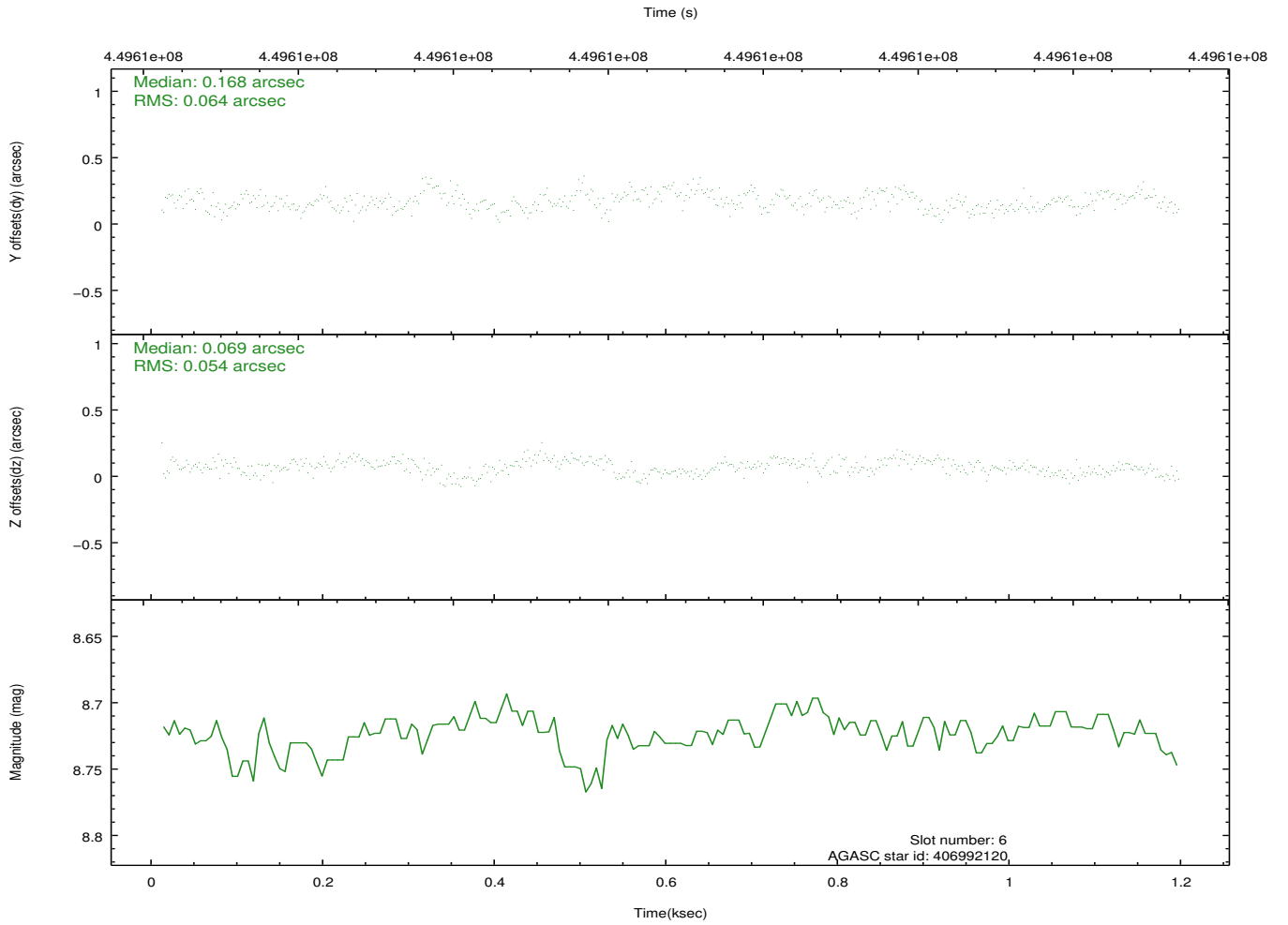
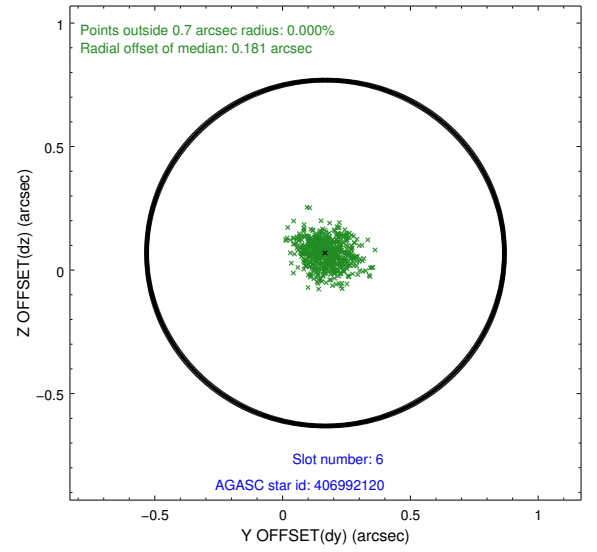
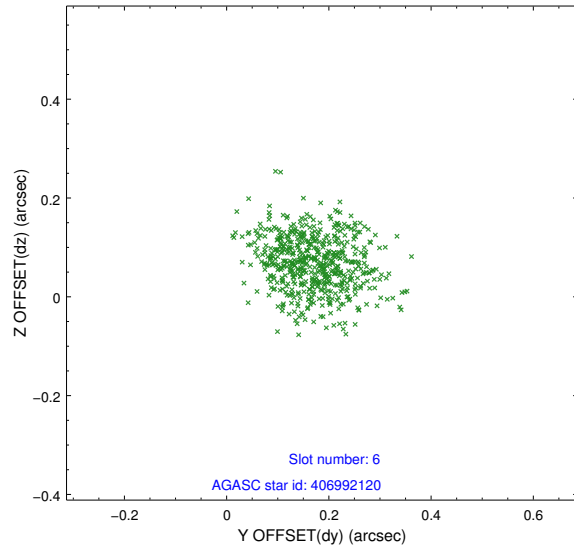
2.4.2 Slot 4



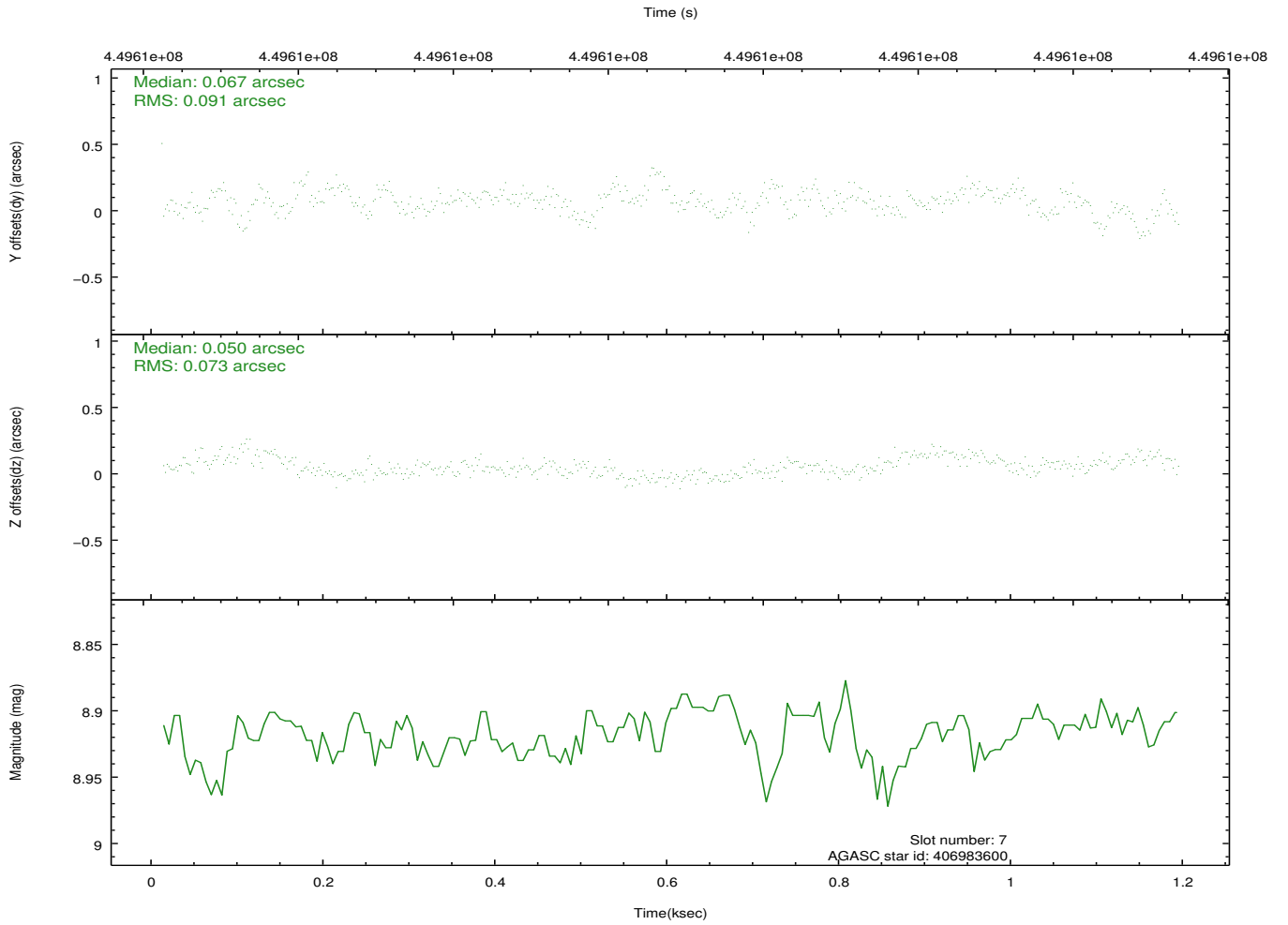
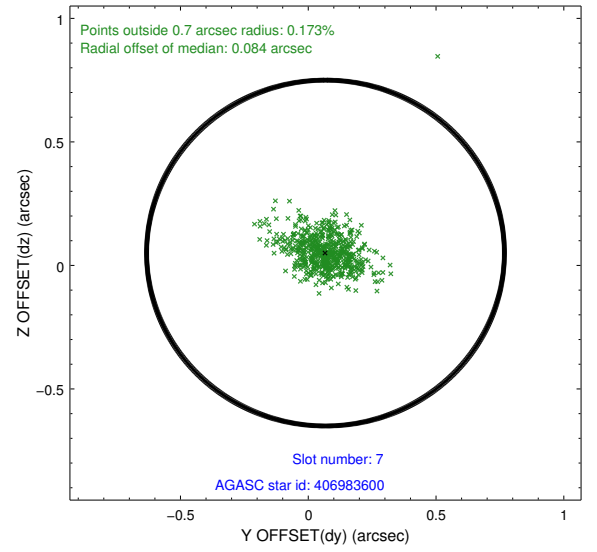
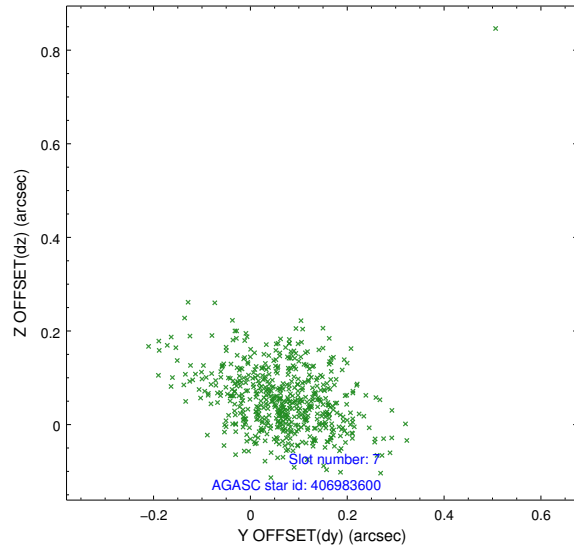
2.4.3 Slot 5



2.4.4 Slot 6

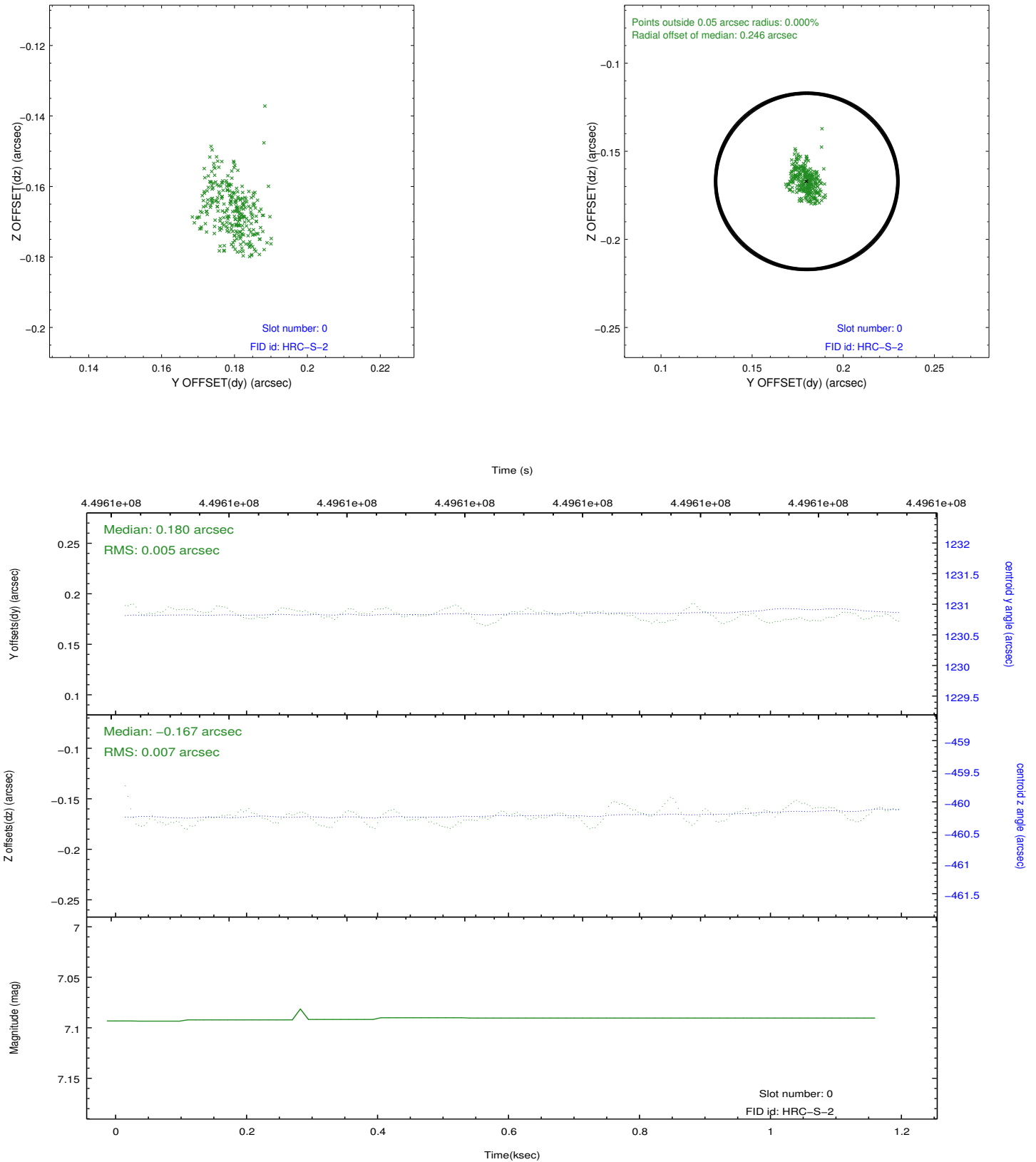


2.4.5 Slot 7

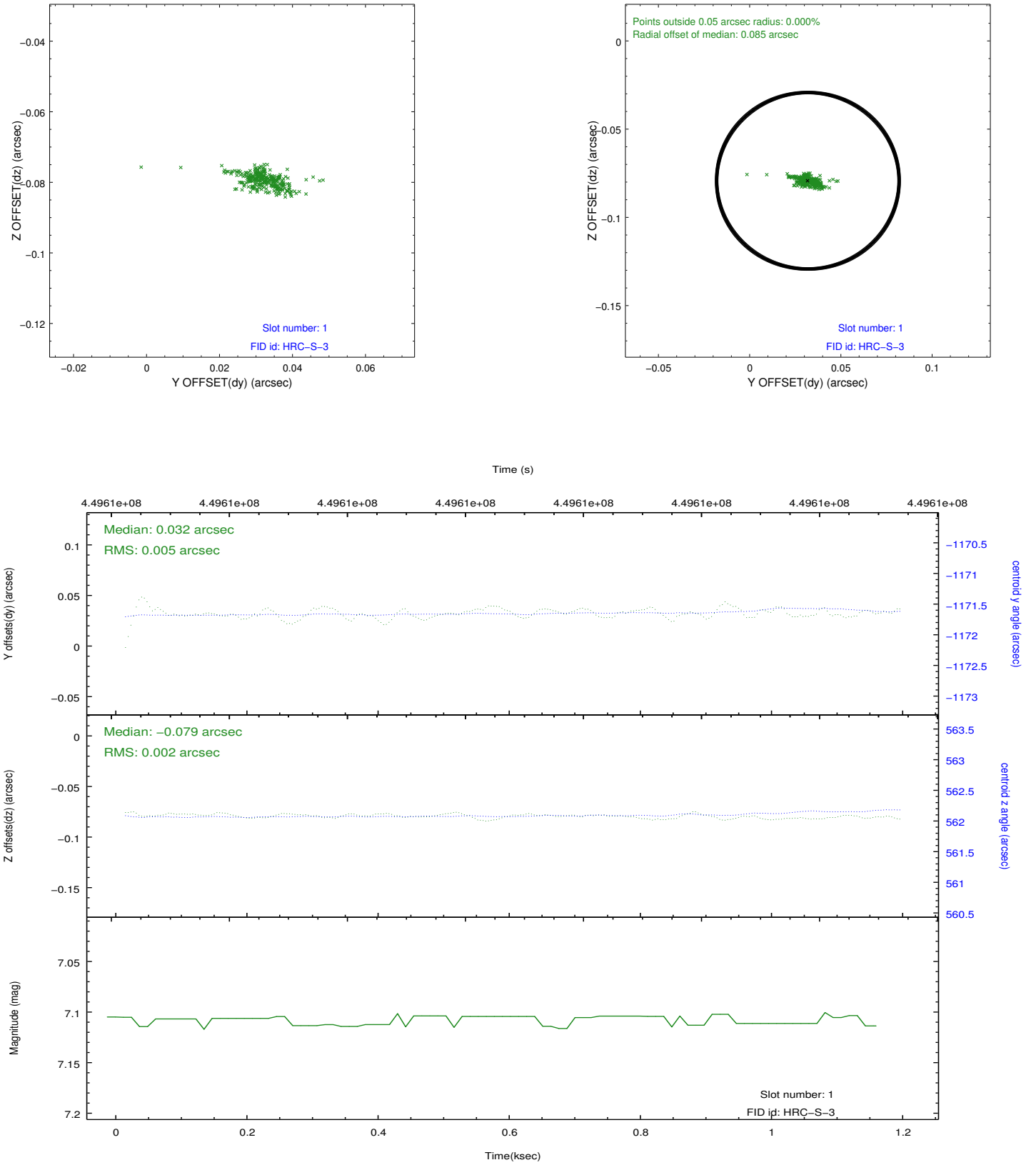


2.5 FID Slots

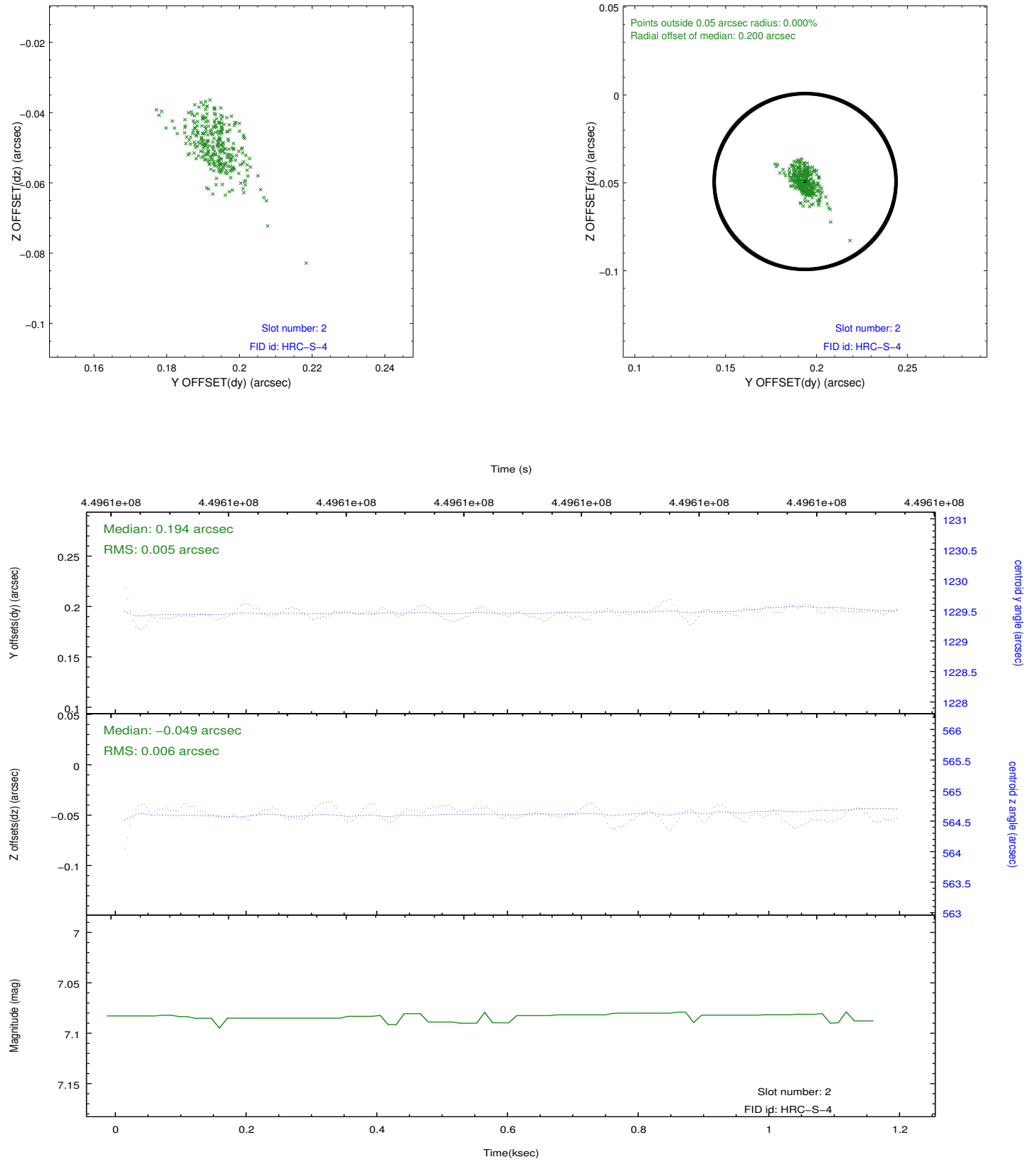
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1738813120723

A.2 Comments

Window constraint met.