

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13076 - L2 Version 4
Chandra X-Ray Center

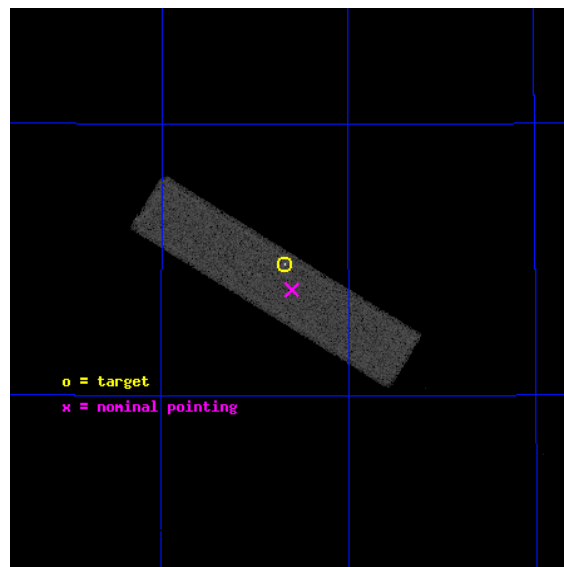
L2 Processing Date : Aug 9 2012

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1 Front

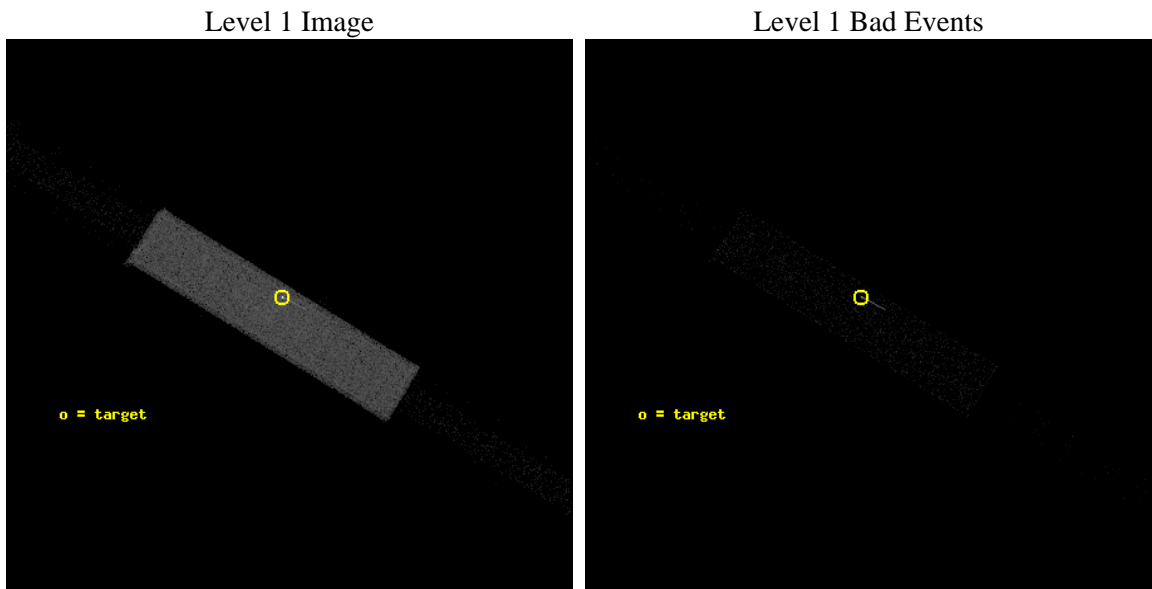
seq_num	290995	Sequence number
obs_id	13076	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15121322891	Nominal RA [deg]
dec_nom	45.695336026709	Nominal Dec [deg]
roll_nom	211.39655857476	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1149.2813103199	[s]
livetime	1141.2245573905	Ontime multiplied by DTCOR
l2events	60232	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1149.2813103199	[s]
caldbver	4.5.1.1	 	l1events	94100	Number of level 1 events
date	2012-08-10T01:50:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

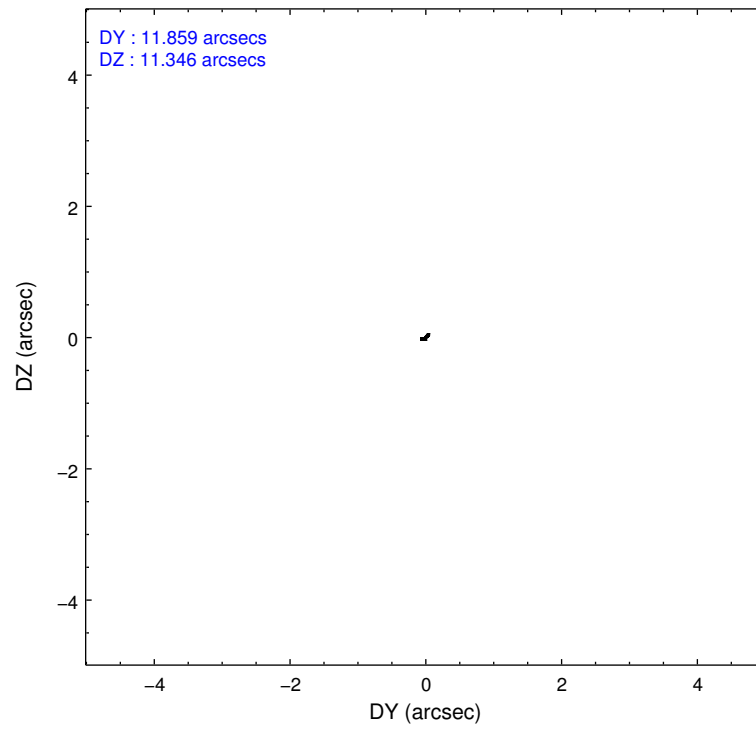
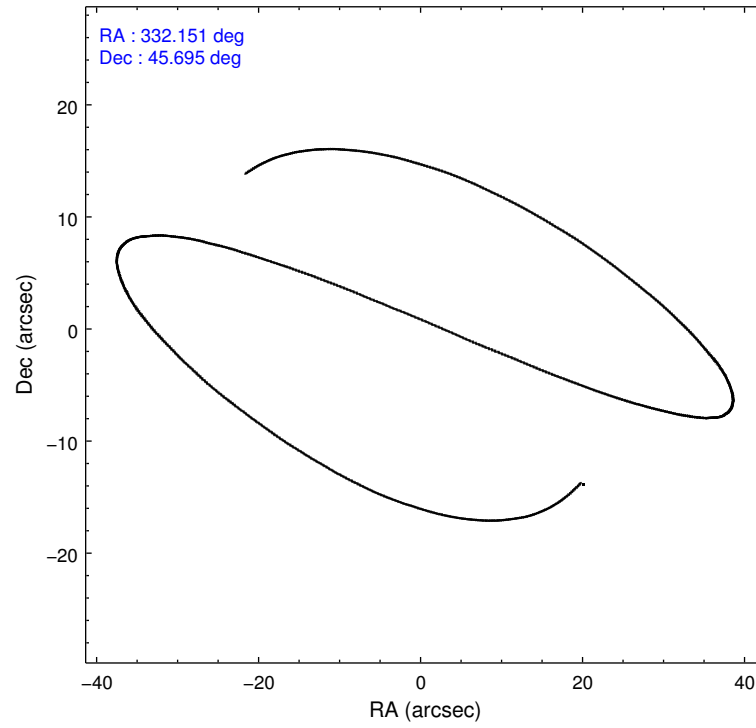
	segment 1	segment 2	segment 3
level 1 events	857	92439	804
rejected events	857	21673	798
rejected %	100%	23%	99%

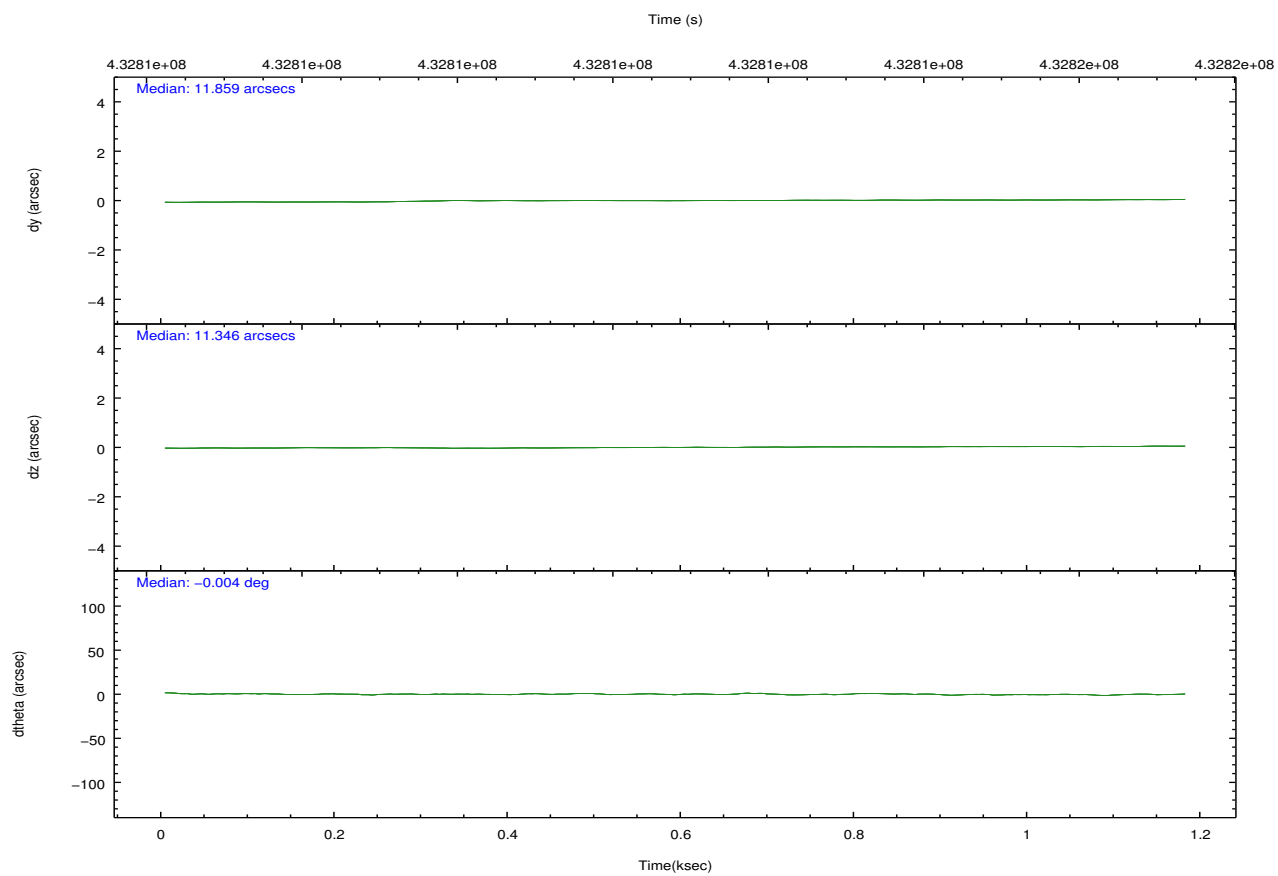
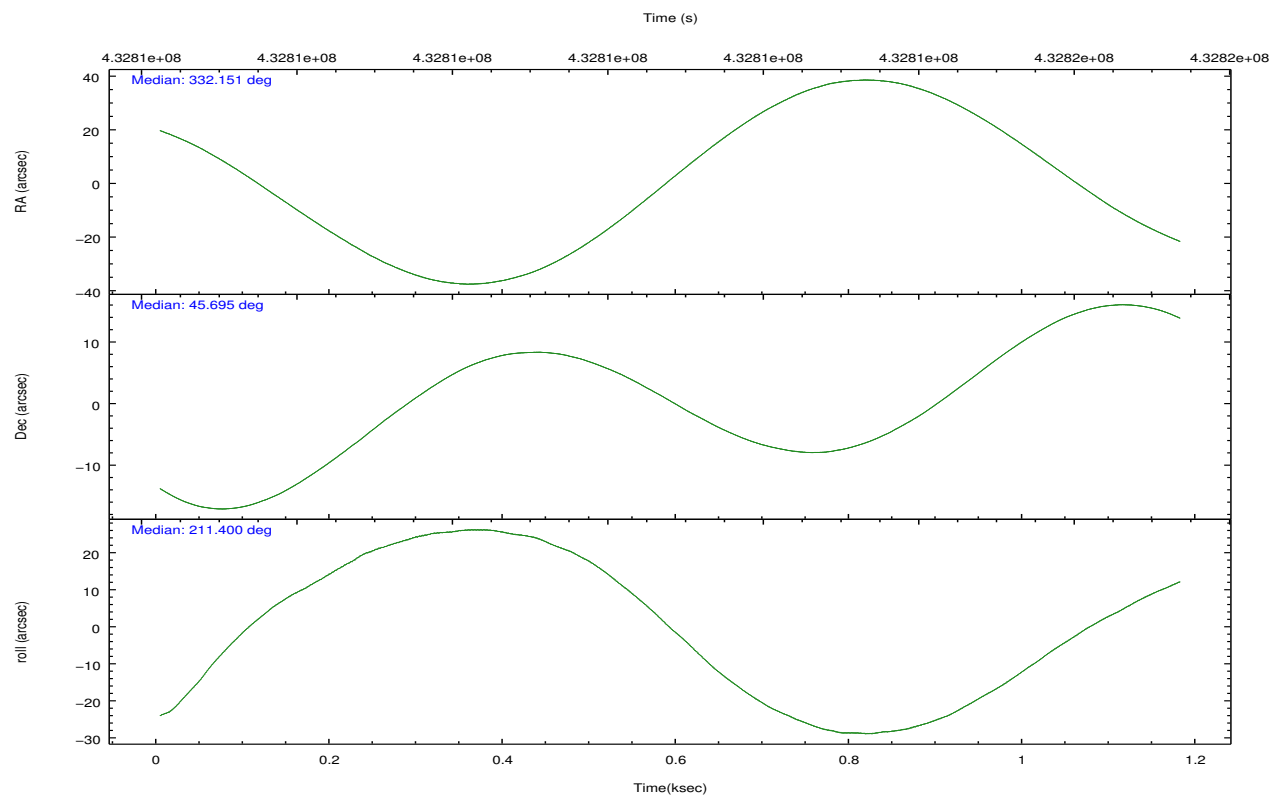
2.2 Compared Parameters

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	332.169076	332.1512132289142
[deg] Pointing Dec	45.721243	45.69533602670891
[deg] Pointing Roll	211.316403	211.3965585747636
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432814072.184000	432813695.94998
Observation start date	2011-09-19T10:06:46	2011-09-19T10:01:35
[s] Observation end time (MET)	432815072.184000	432815205.77506
Observation end date	2011-09-19T10:23:26	2011-09-19T10:26:45

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

2.3 Aspect



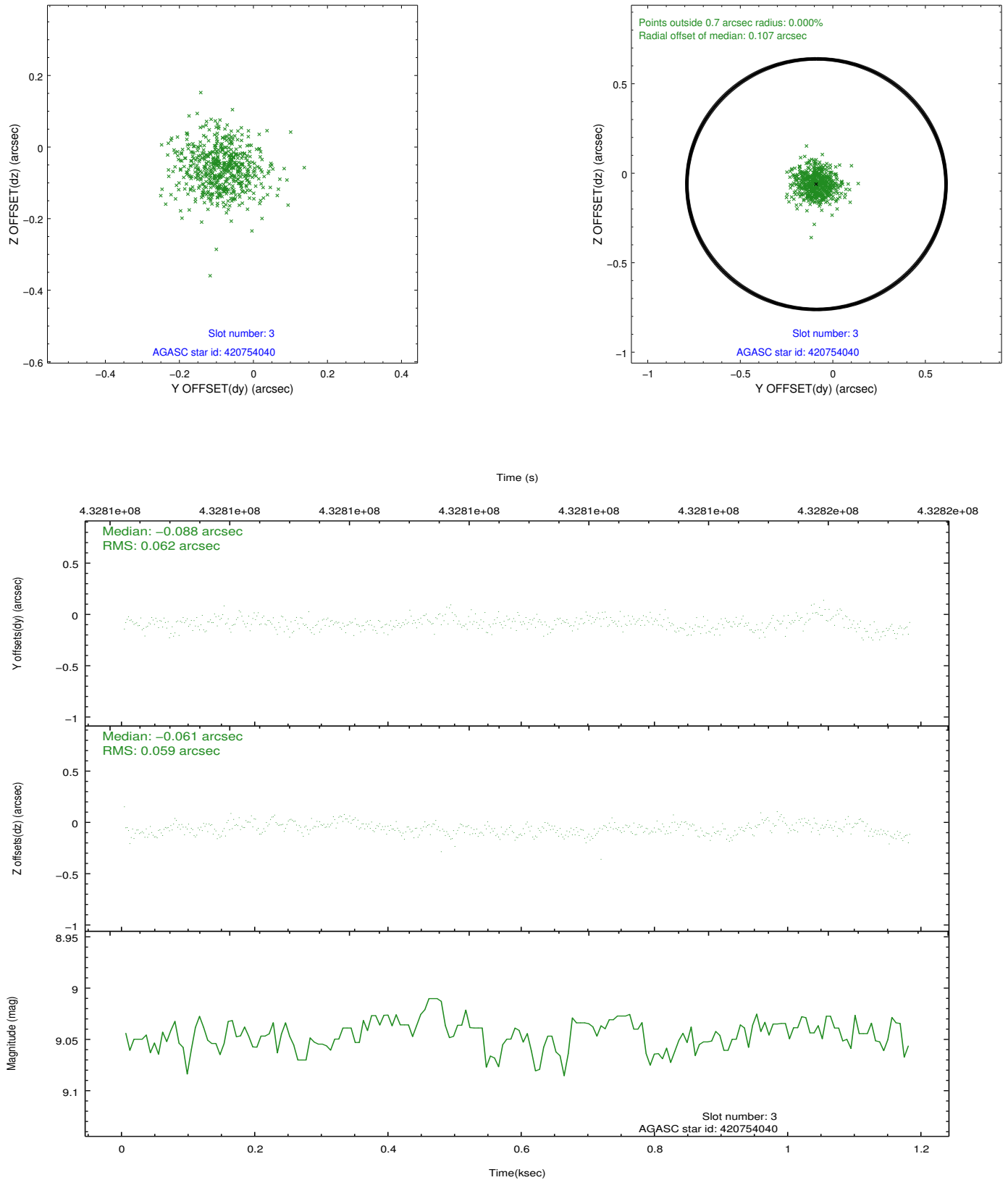


Slot Statistics

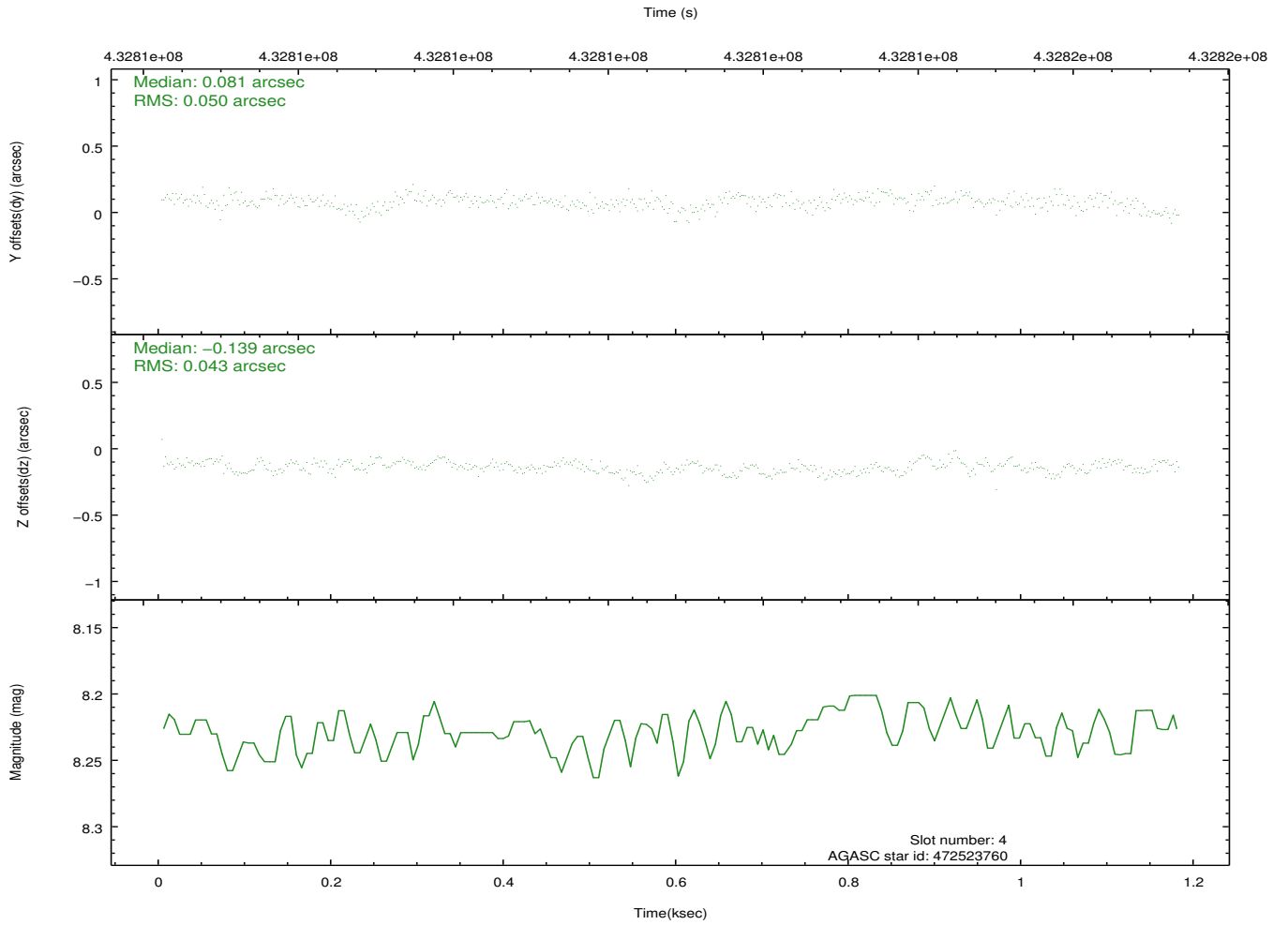
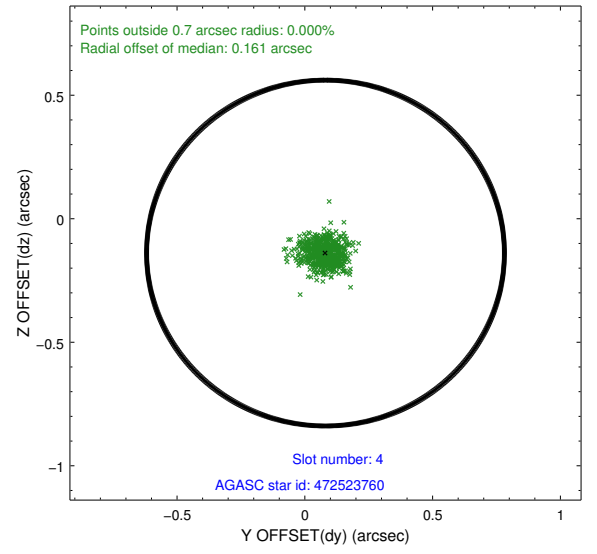
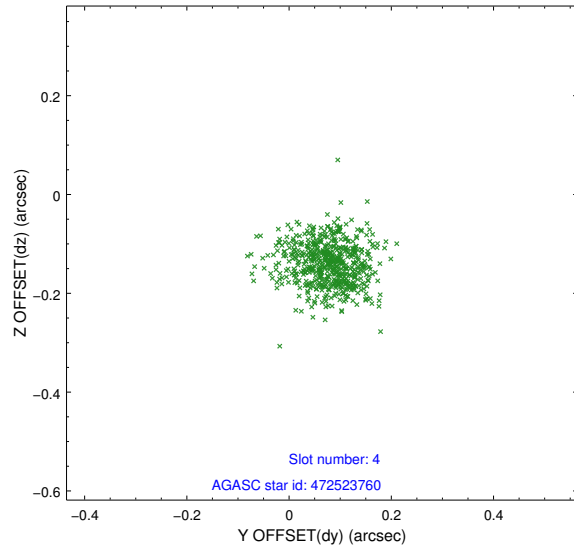
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.044	-0.131	0.007	0.012	0.000000	0.000000	-1166.20	-460.01
1	FID	HRC-S-2	6.97	288	0.290	-0.132	0.005	0.009	0.000000	0.000000	1229.65	-454.23
2	FID	HRC-S-3	6.99	288	0.056	-0.039	0.007	0.013	0.000000	0.000000	-1164.65	568.02
3	GUIDE	420754040	9.04	576	-0.088	-0.061	0.088	0.149	331.917939	44.882543	2114.92	2245.88
4	GUIDE	472523760	8.23	575	0.081	-0.139	0.068	0.115	331.645363	45.403260	1727.56	290.00
5	GUIDE	472525528	6.63	576	-0.358	0.052	0.083	0.138	331.551102	45.248694	2221.89	634.60
6	GUIDE	472665256	9.01	576	0.282	0.041	0.090	0.145	332.808125	46.195041	-2246.18	-633.58
7	GUIDE	472659832	9.44	572	0.076	0.126	0.111	0.184	332.780399	46.098139	-2015.91	-371.68

2.4 Star Slots

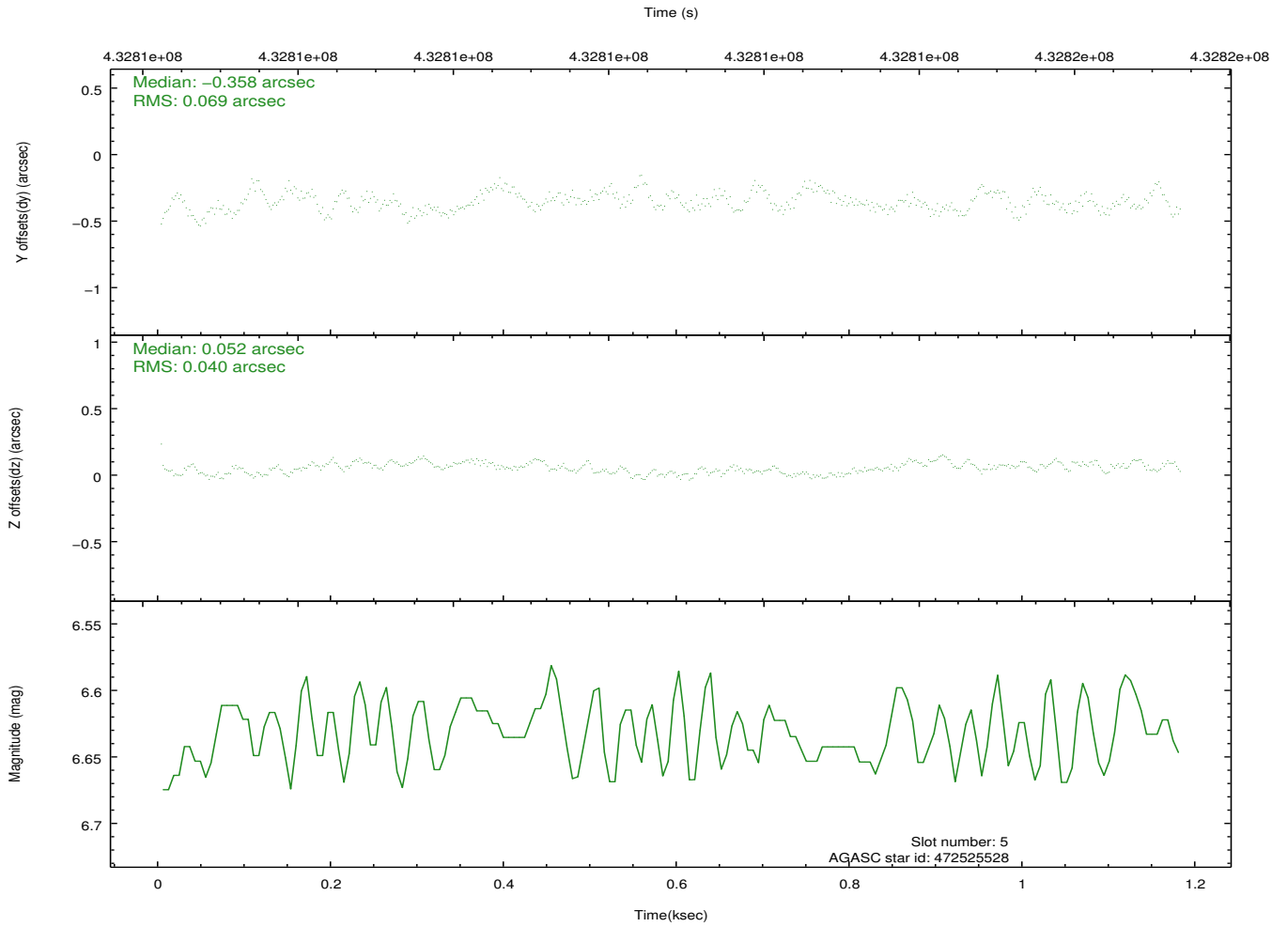
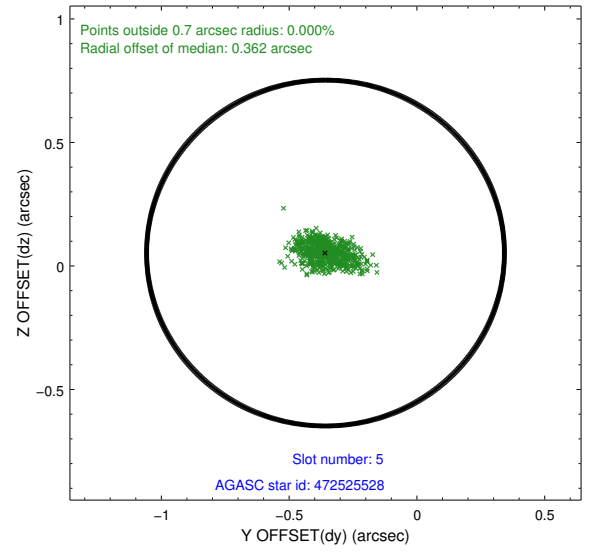
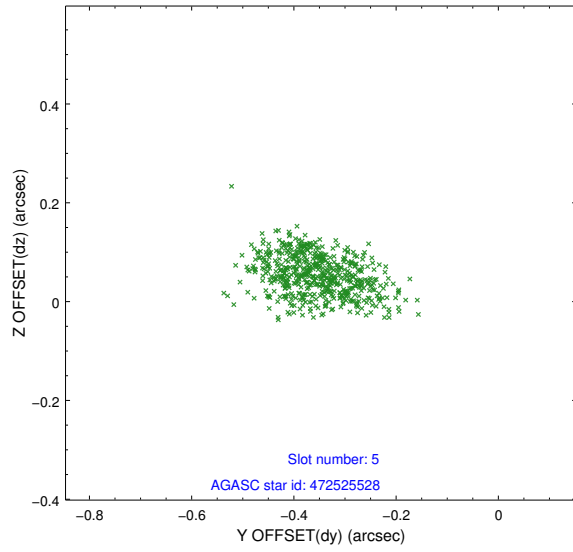
2.4.1 Slot 3



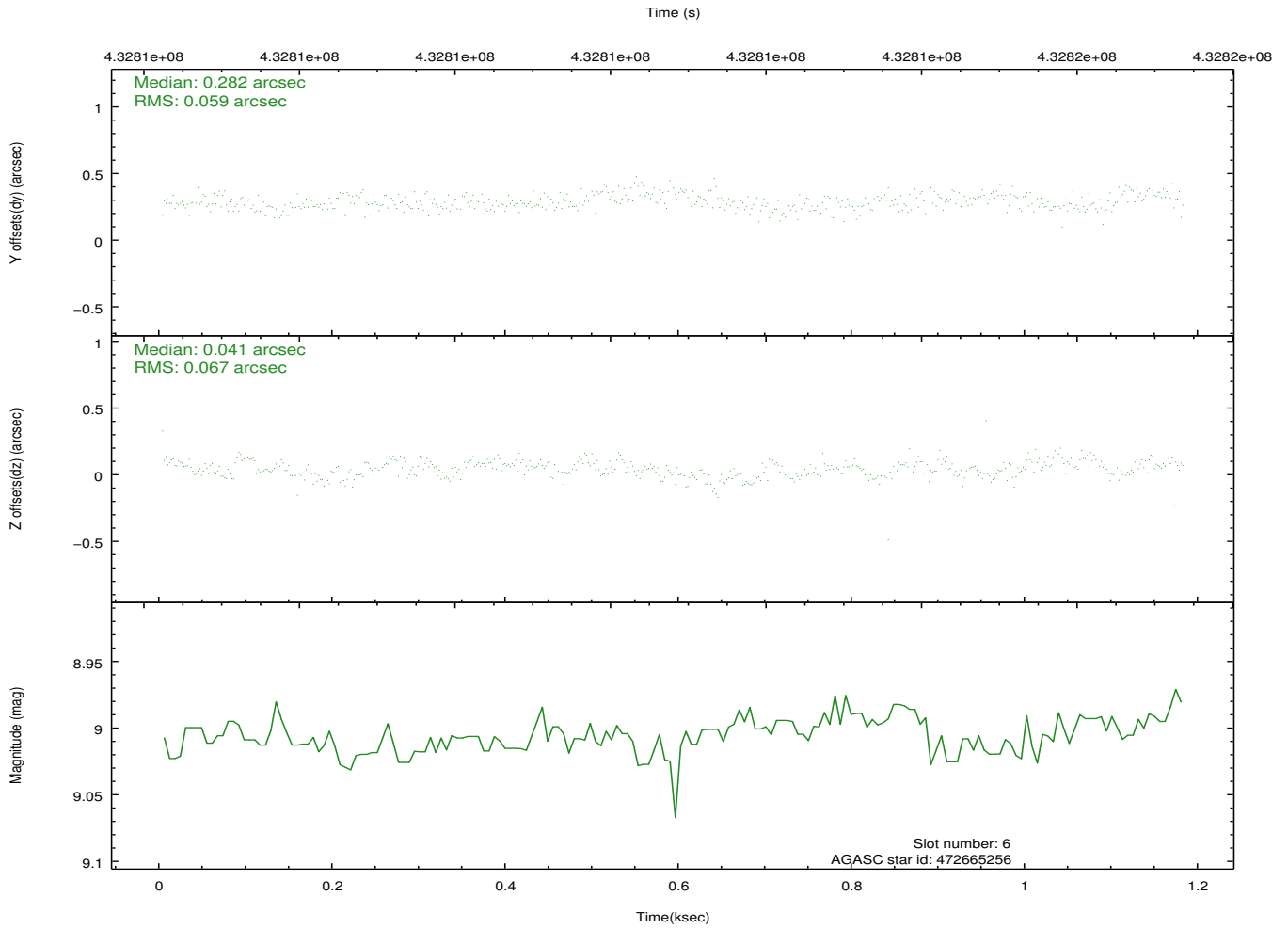
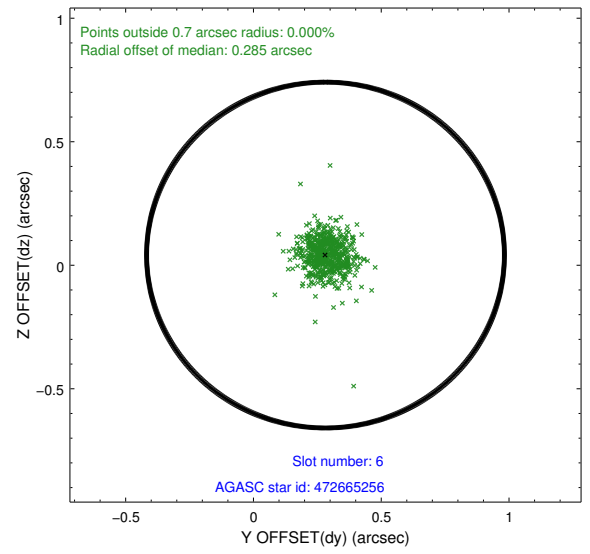
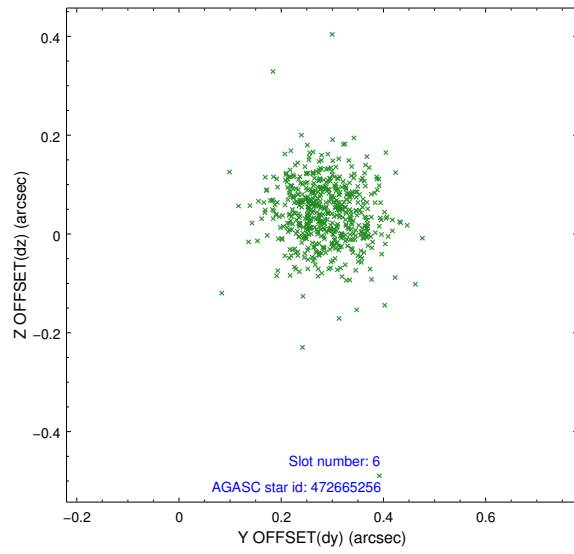
2.4.2 Slot 4



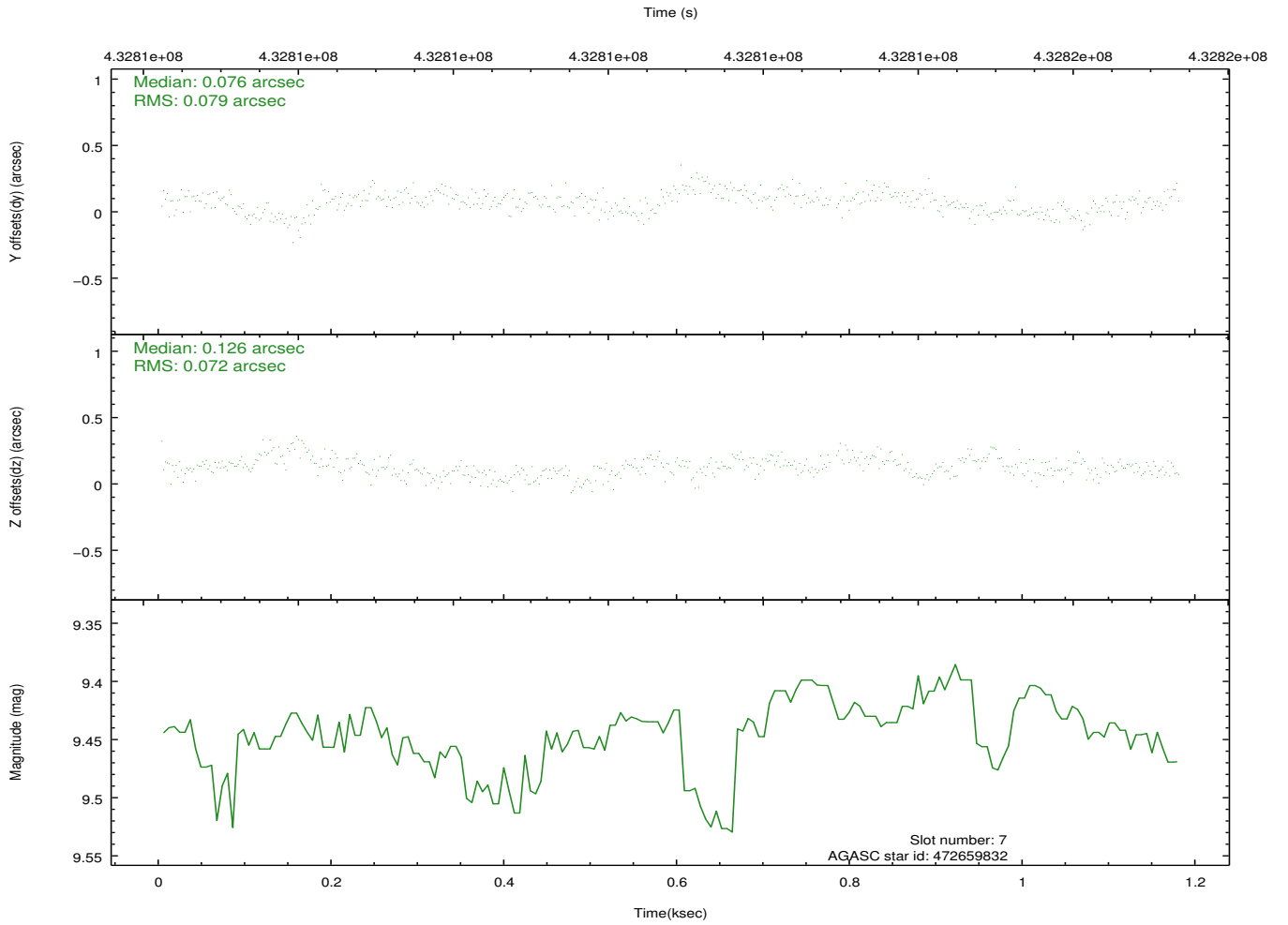
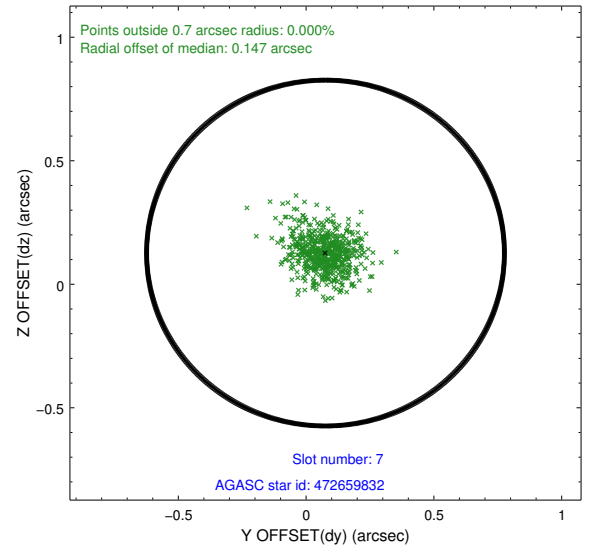
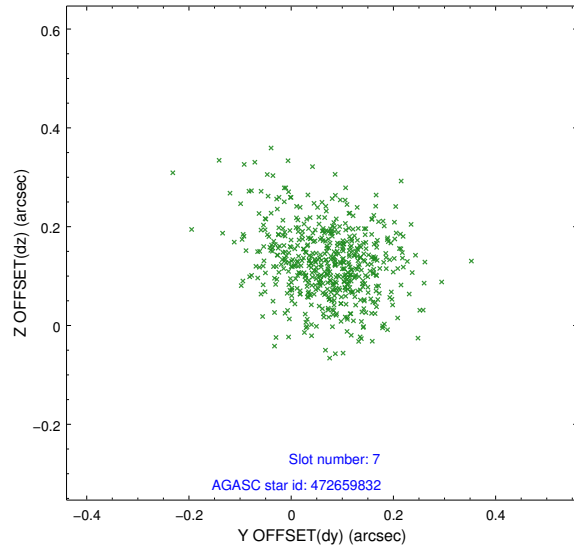
2.4.3 Slot 5



2.4.4 Slot 6

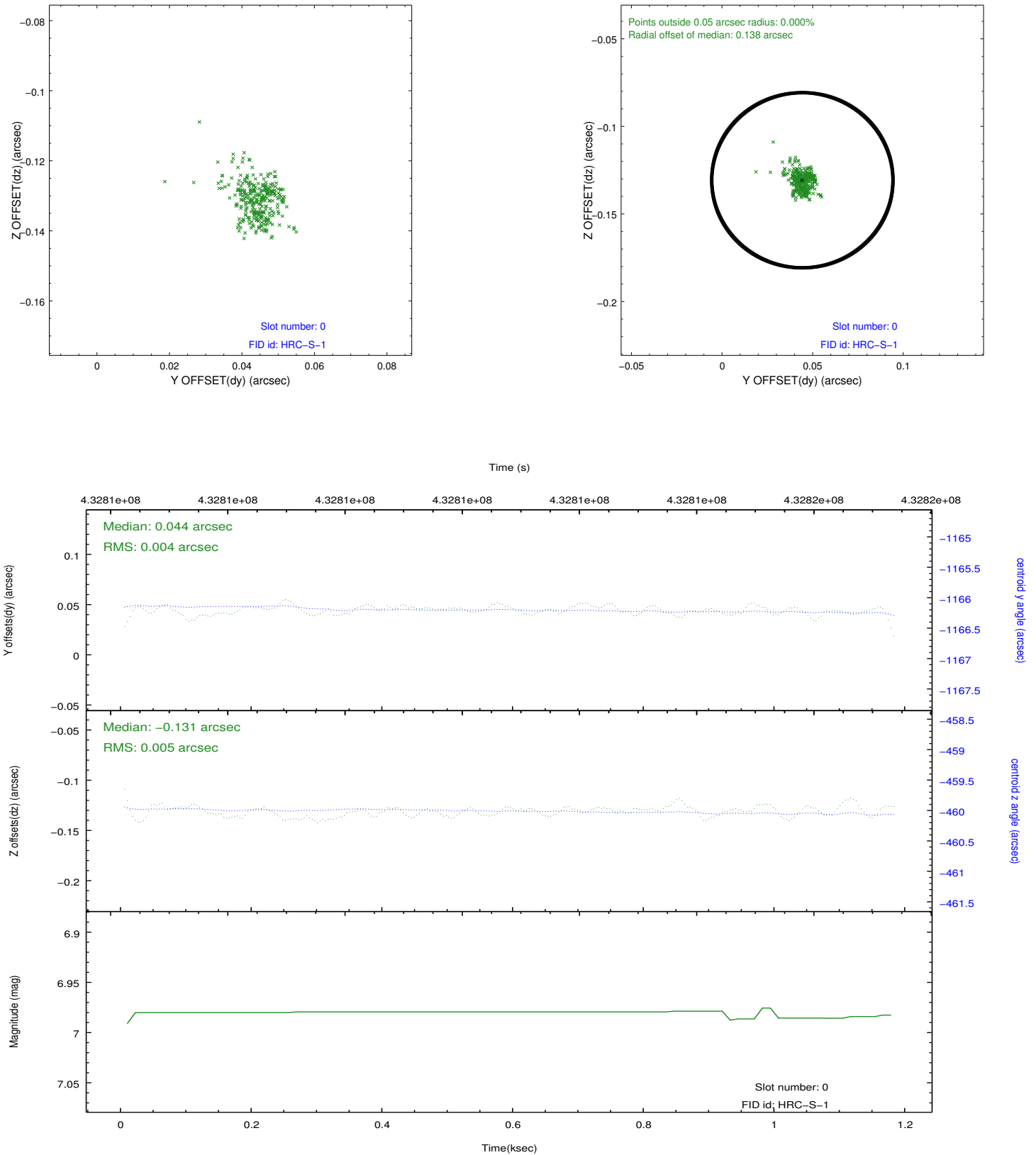


2.4.5 Slot 7

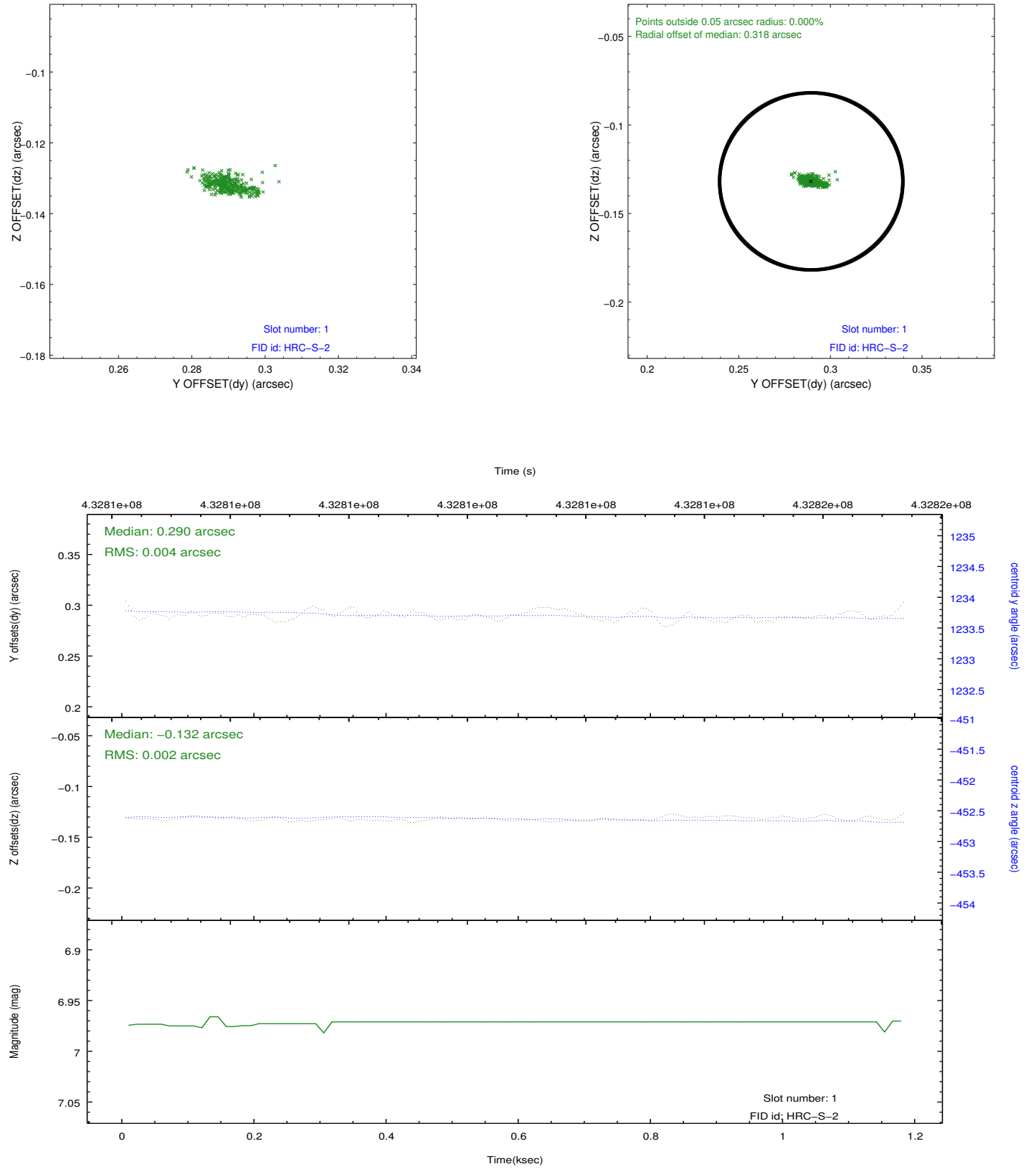


2.5 FID Slots

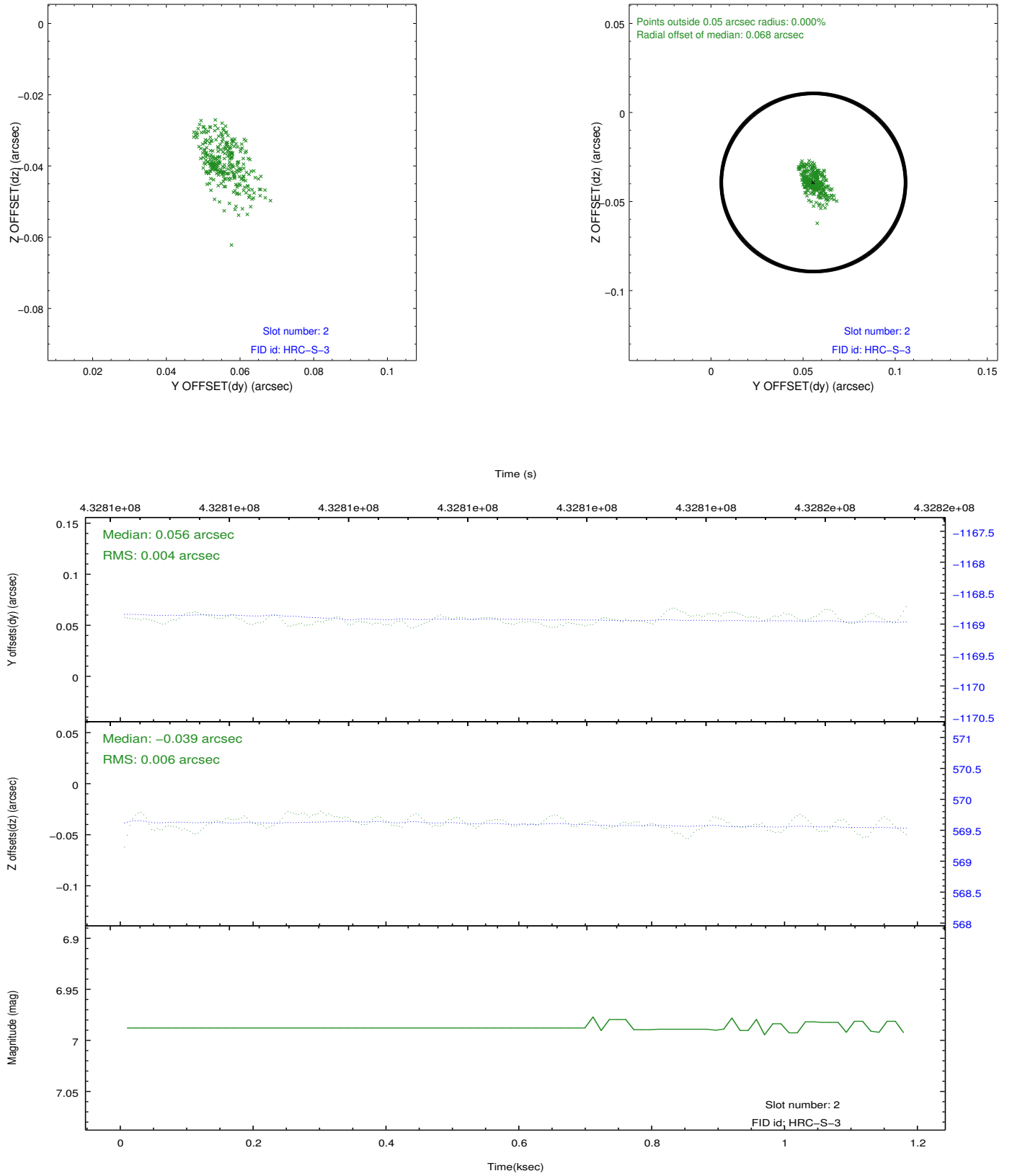
2.5.1 Slot 0



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	1.1492813102603

A.2 Comments