

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6482 - L2 Version 3
Chandra X-Ray Center

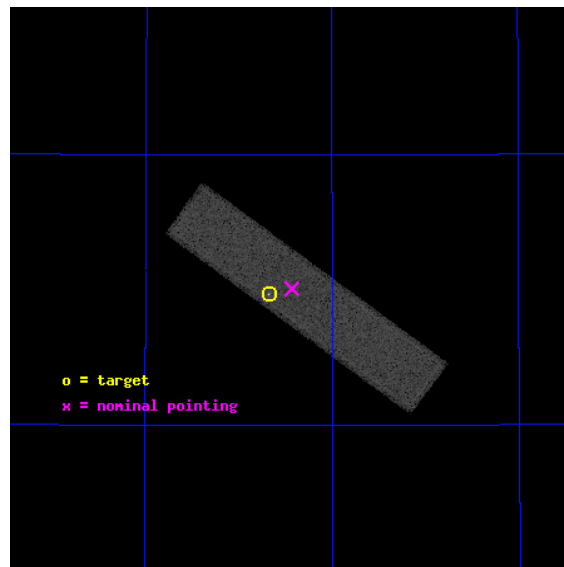
L2 Processing Date : Aug 11 2012

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

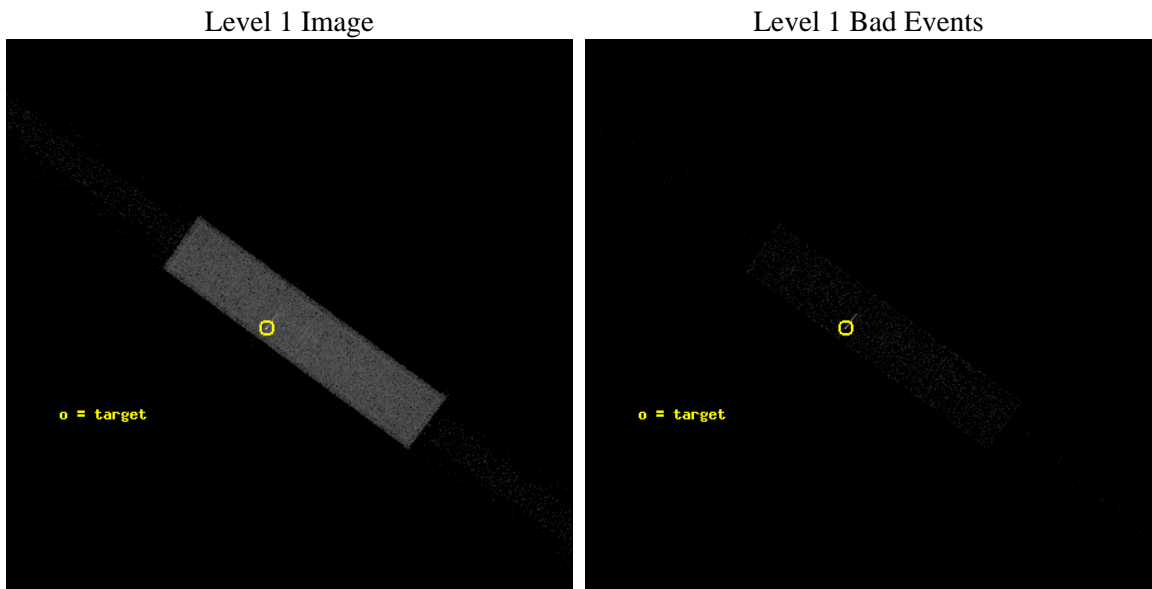
seq_num	290575	Sequence number
obs_id	6482	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.10800388963	Nominal RA [deg]
dec_nom	45.752597475413	Nominal Dec [deg]
roll_nom	35.910121394284	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313035667	[s]
livetime	1142.1394867354	Ontime multiplied by DTCOR
l2events	65762	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	1151.3313035667	[s]
caldbver	4.5.1.1	 	l1events	105370	Number of level 1 events
date	2012-08-11T03:33:56	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

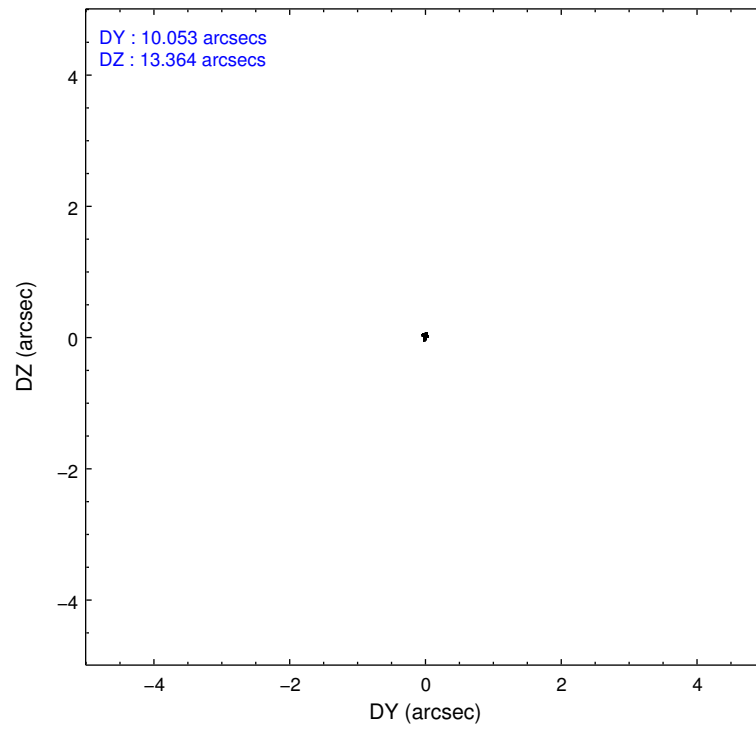
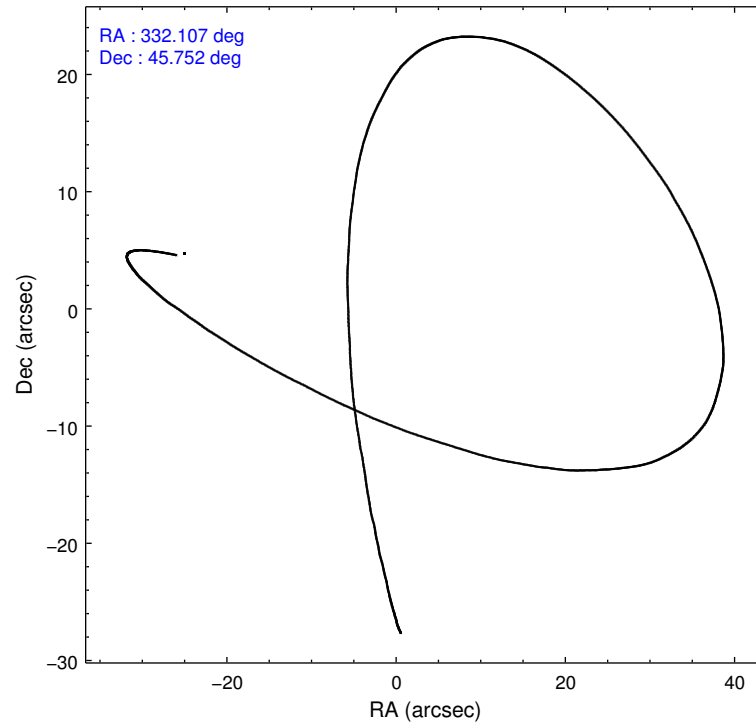
	segment 1	segment 2	segment 3
level 1 events	967	103451	952
rejected events	967	24841	952
rejected %	100%	24%	100%

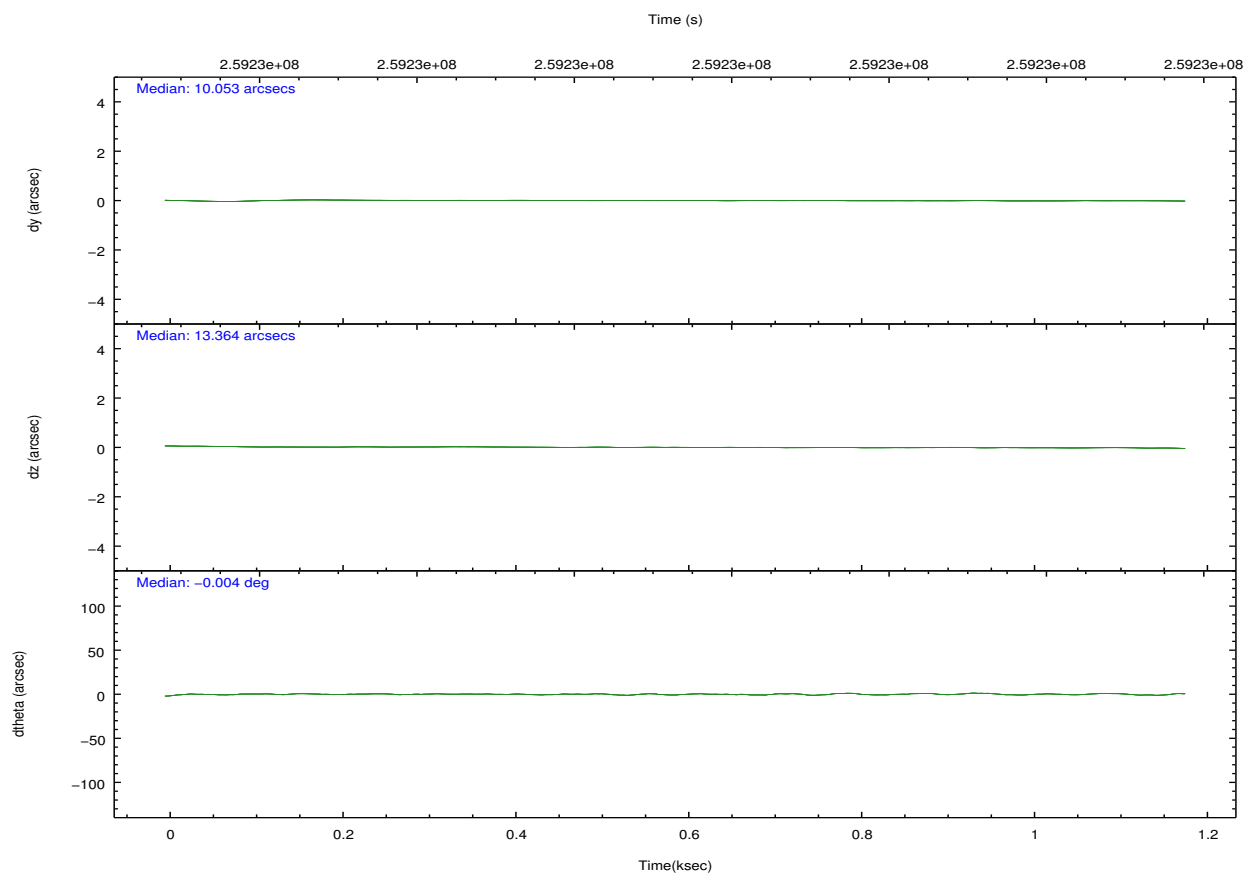
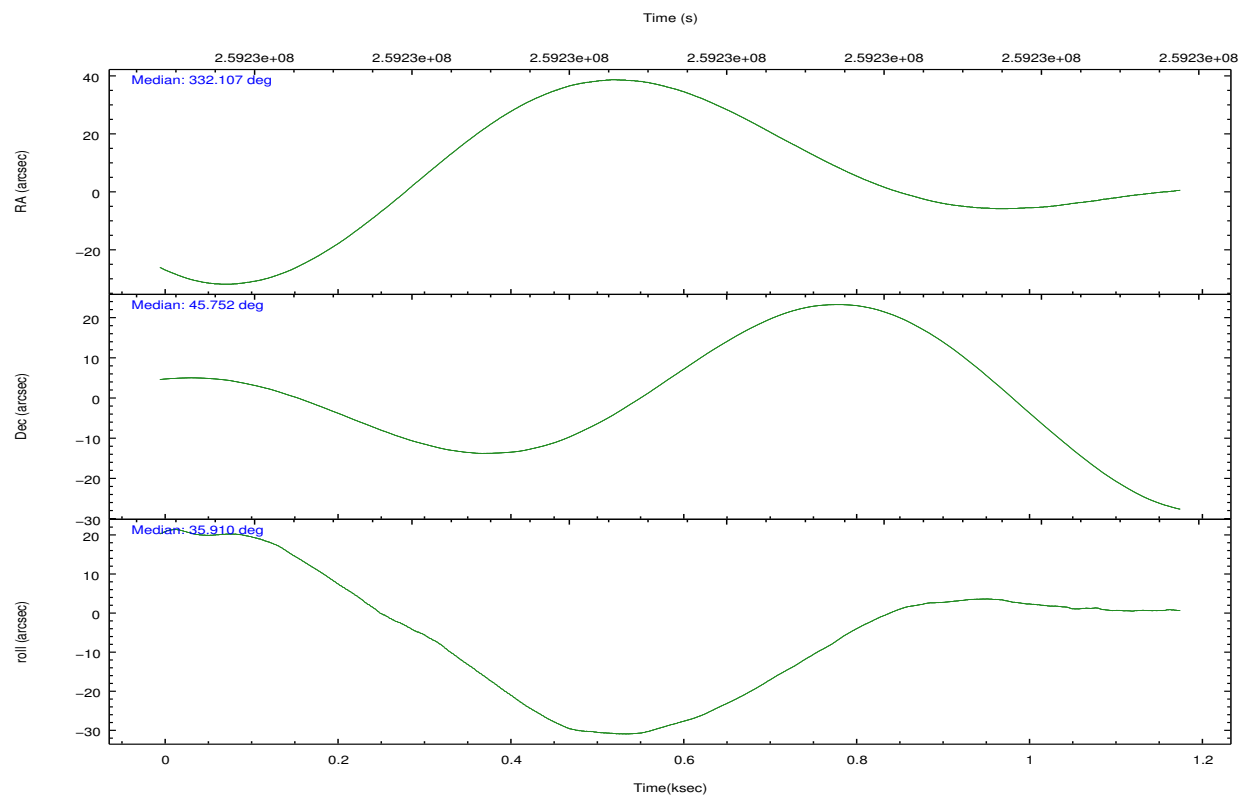
2.2 Compared Parameters

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	332.094010	332.1080038896339
[deg] Pointing Dec	45.725803	45.75259747541325
[deg] Pointing Roll	35.852867	35.91012139428425
[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)	259229519.184000	259229143.08014
Observation start date	2006-03-20T08:10:54	2006-03-20T08:05:43
[s] Observation end time (MET)	259230519.184000	259230653.41771
Observation end date	2006-03-20T08:27:34	2006-03-20T08:30:53

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

2.3 Aspect



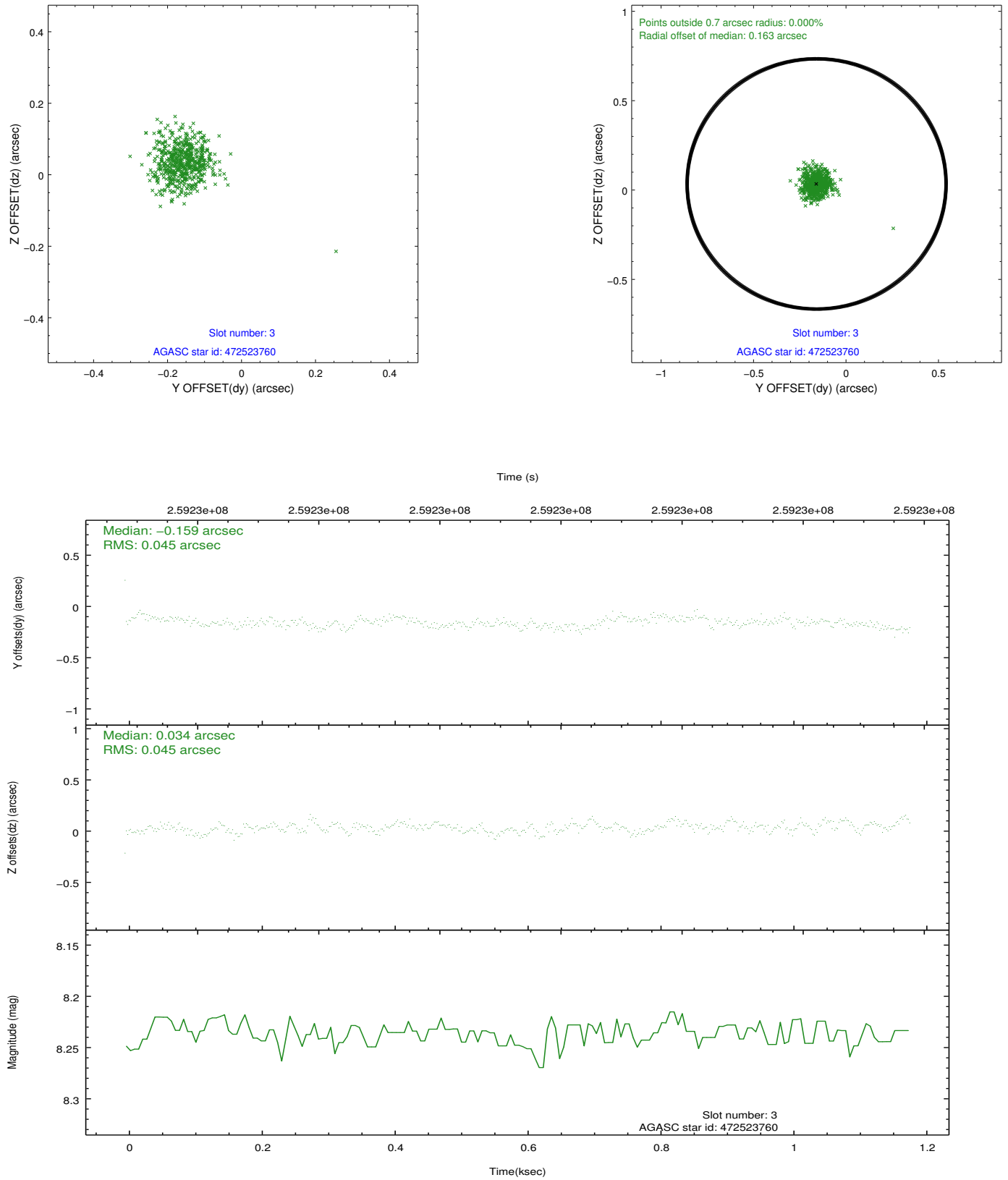


Slot Statistics

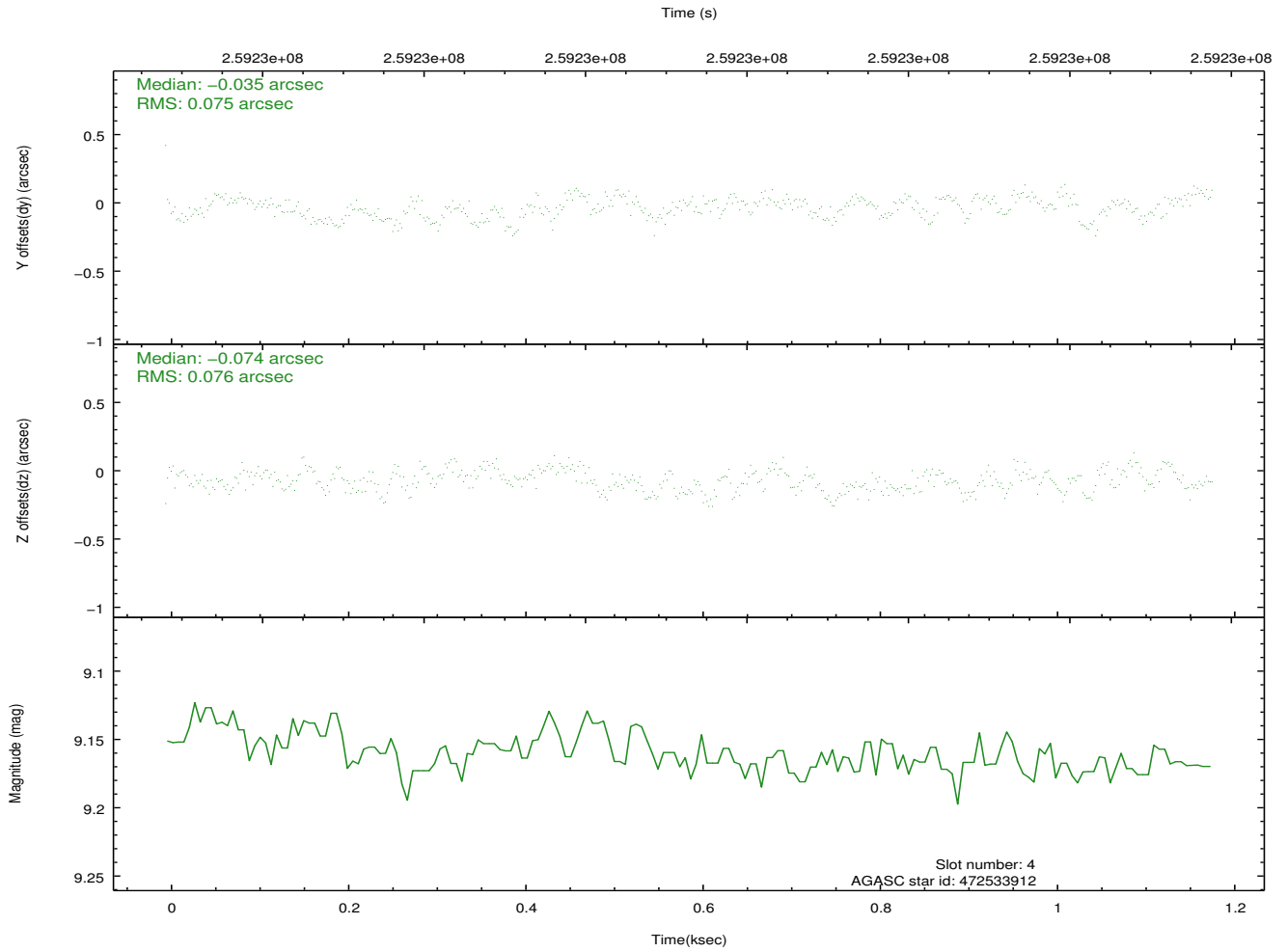
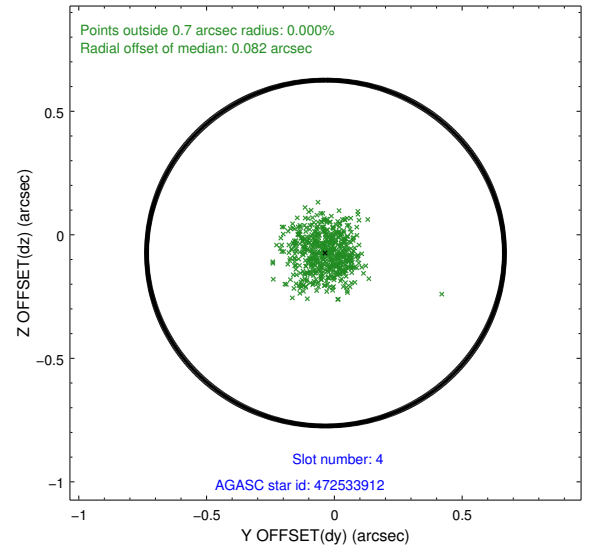
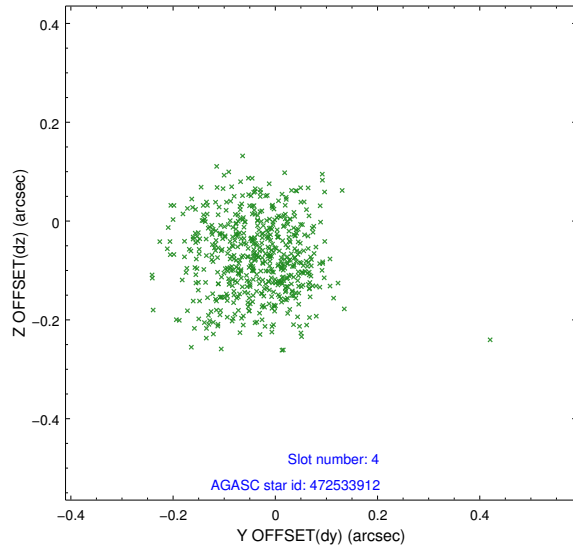
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	288	0.134	-0.169	0.007	0.010	0.000000	0.000000	-1164.25	-462.17
1	FID	HRC-S-2	7.05	288	0.137	-0.105	0.004	0.008	0.000000	0.000000	1231.37	-456.33
2	FID	HRC-S-3	7.06	288	0.119	-0.028	0.006	0.011	0.000000	0.000000	-1162.72	565.90
3	GUIDE	472523760	8.24	577	-0.159	0.034	0.065	0.107	331.645363	45.403260	-1595.92	-275.82
4	GUIDE	472533912	9.16	577	-0.035	-0.074	0.113	0.179	331.791136	46.368695	745.41	2315.78
5	GUIDE	472655152	9.42	571	0.138	0.167	0.107	0.182	332.504239	45.862991	1127.44	-197.15
6	GUIDE	420754040	9.07	574	0.044	0.002	0.096	0.150	331.917939	44.882543	-2137.37	-2199.33
7	GUIDE	472659832	9.47	575	0.016	-0.111	0.107	0.167	332.780399	46.098139	2176.10	83.53

2.4 Star Slots

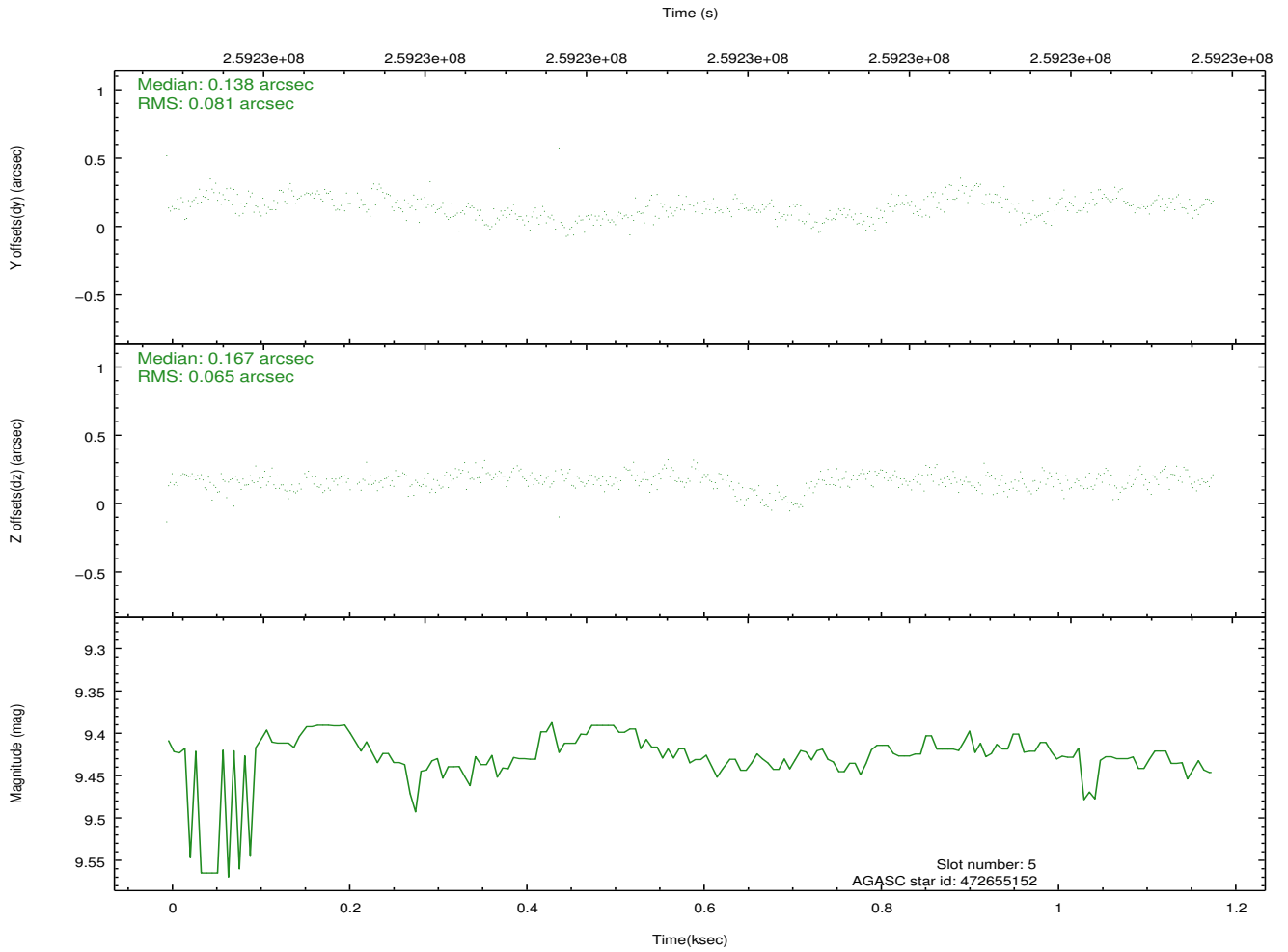
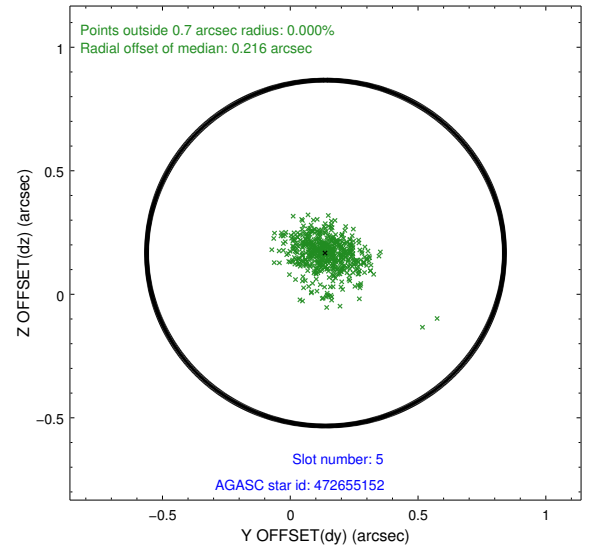
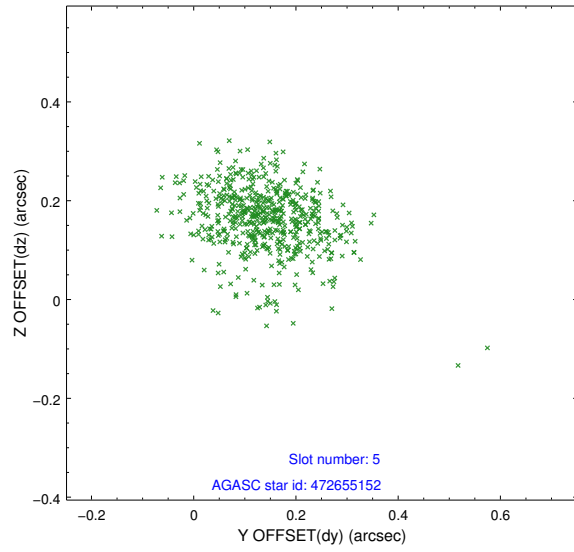
2.4.1 Slot 3



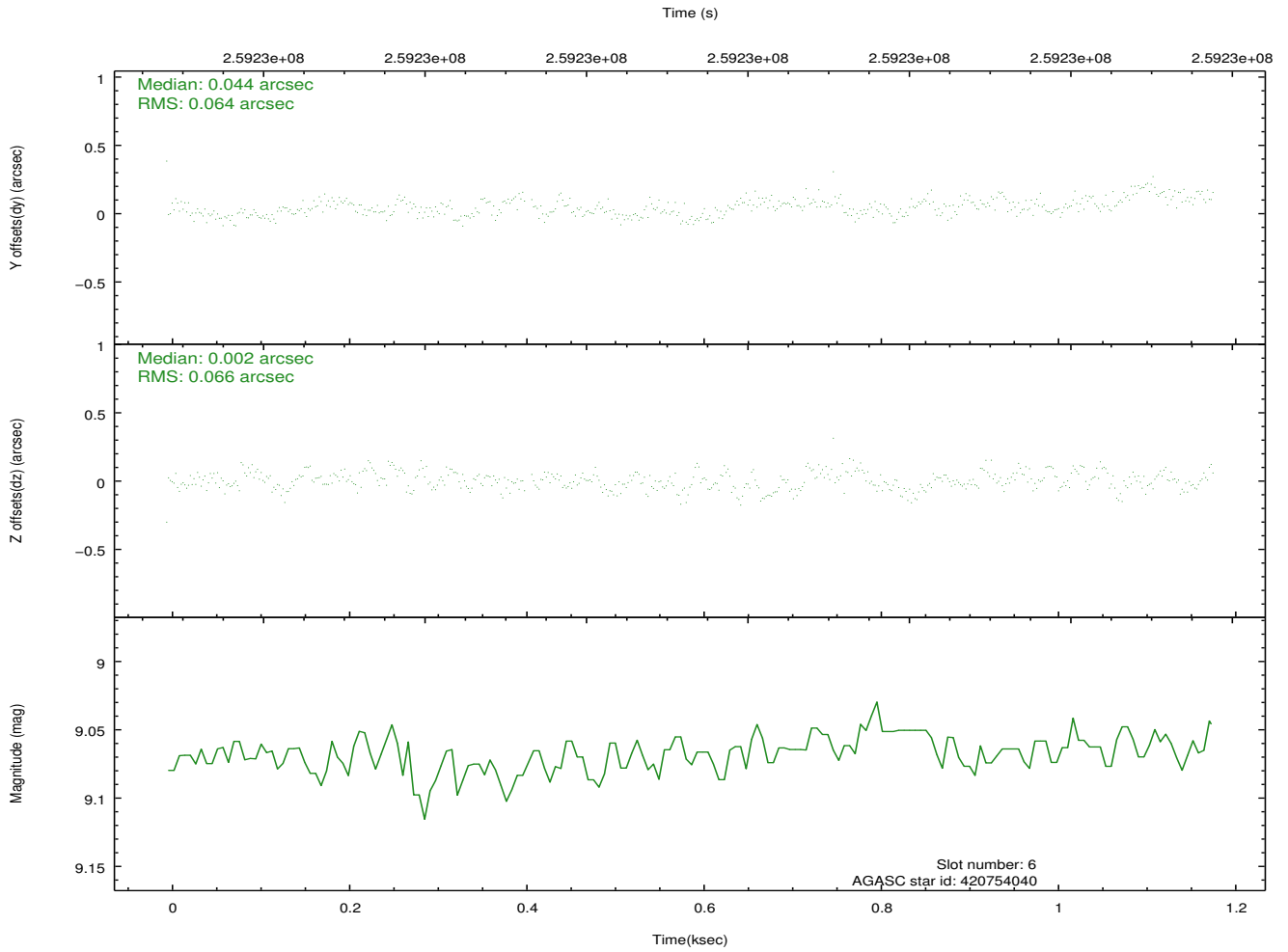
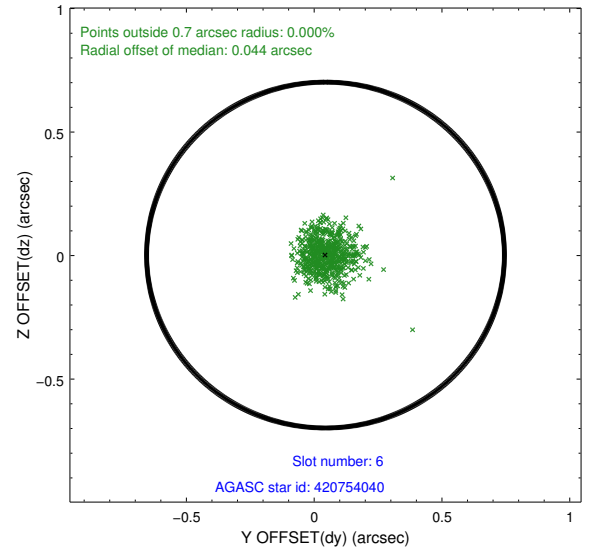
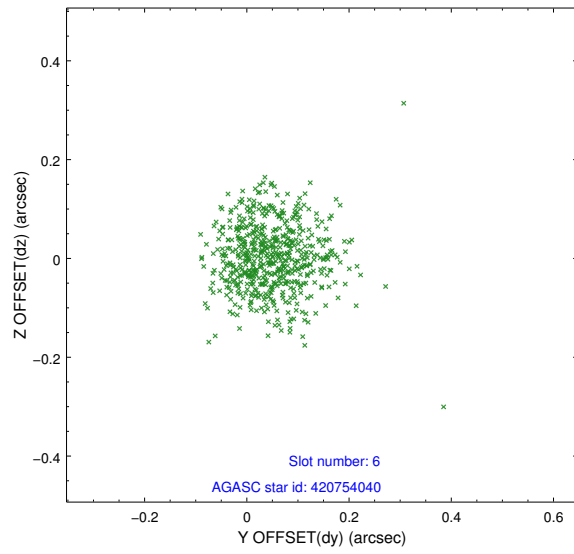
2.4.2 Slot 4



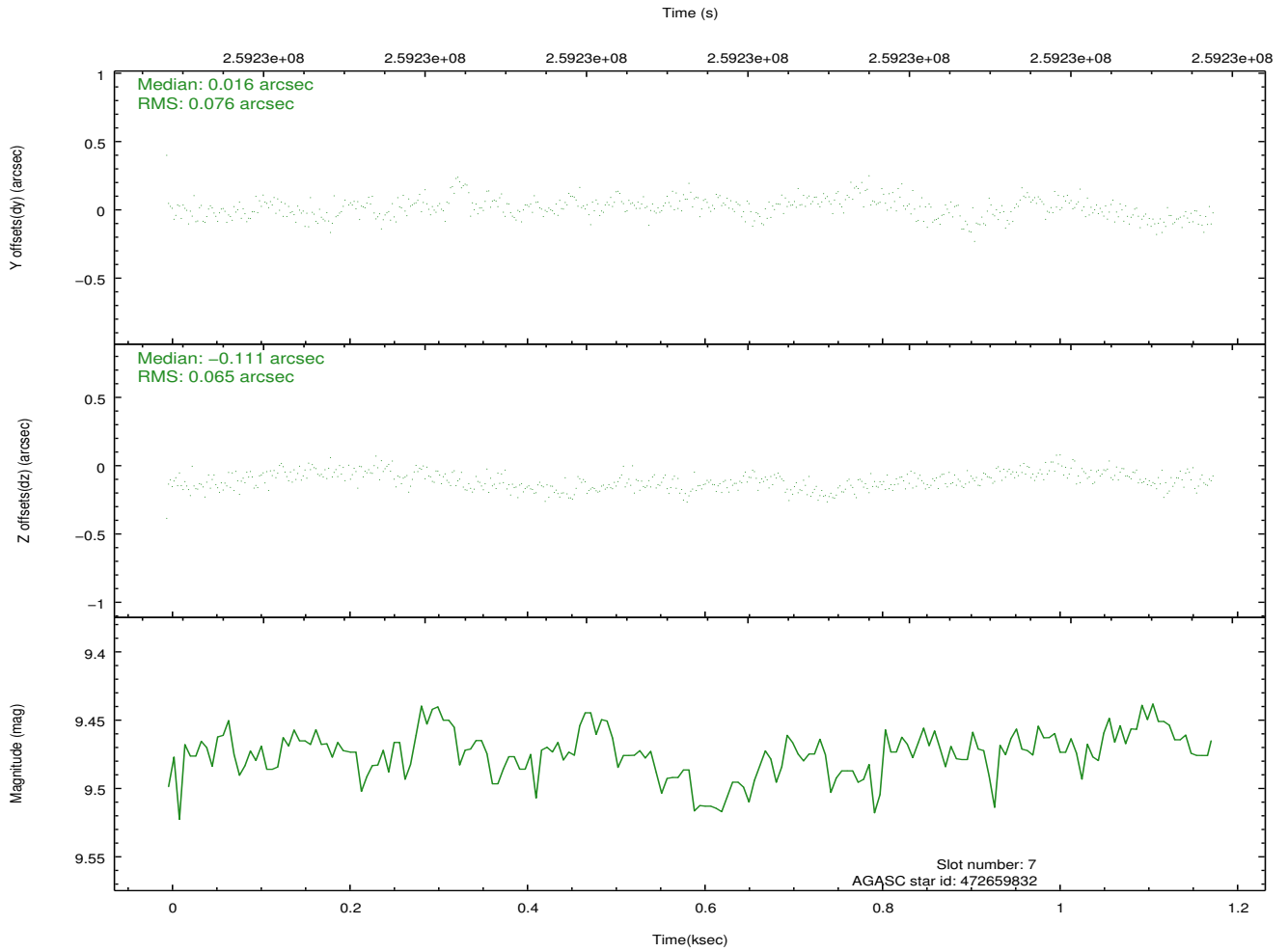
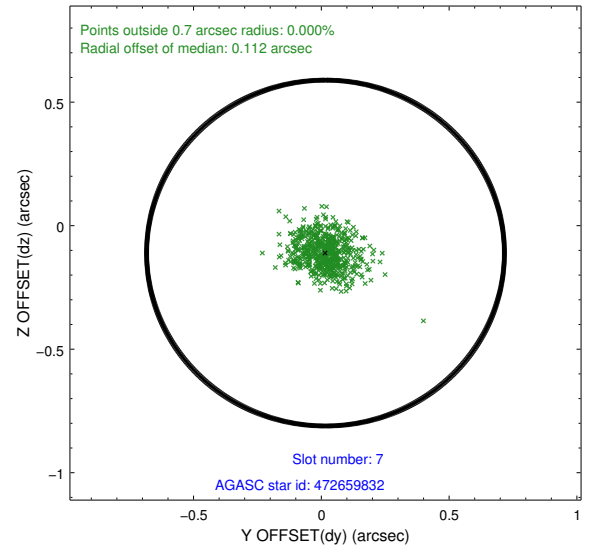
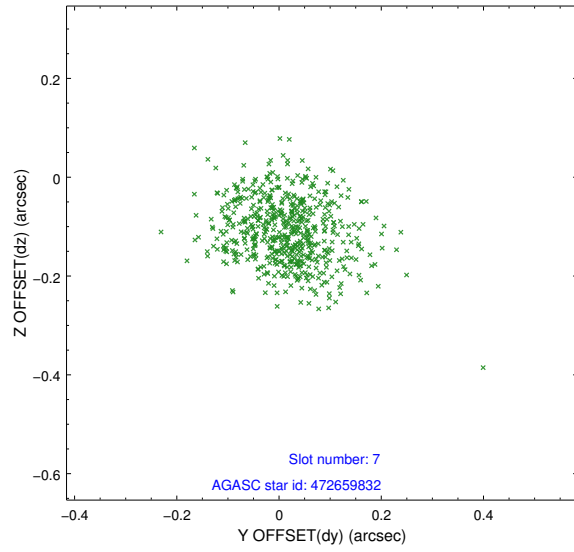
2.4.3 Slot 5



2.4.4 Slot 6

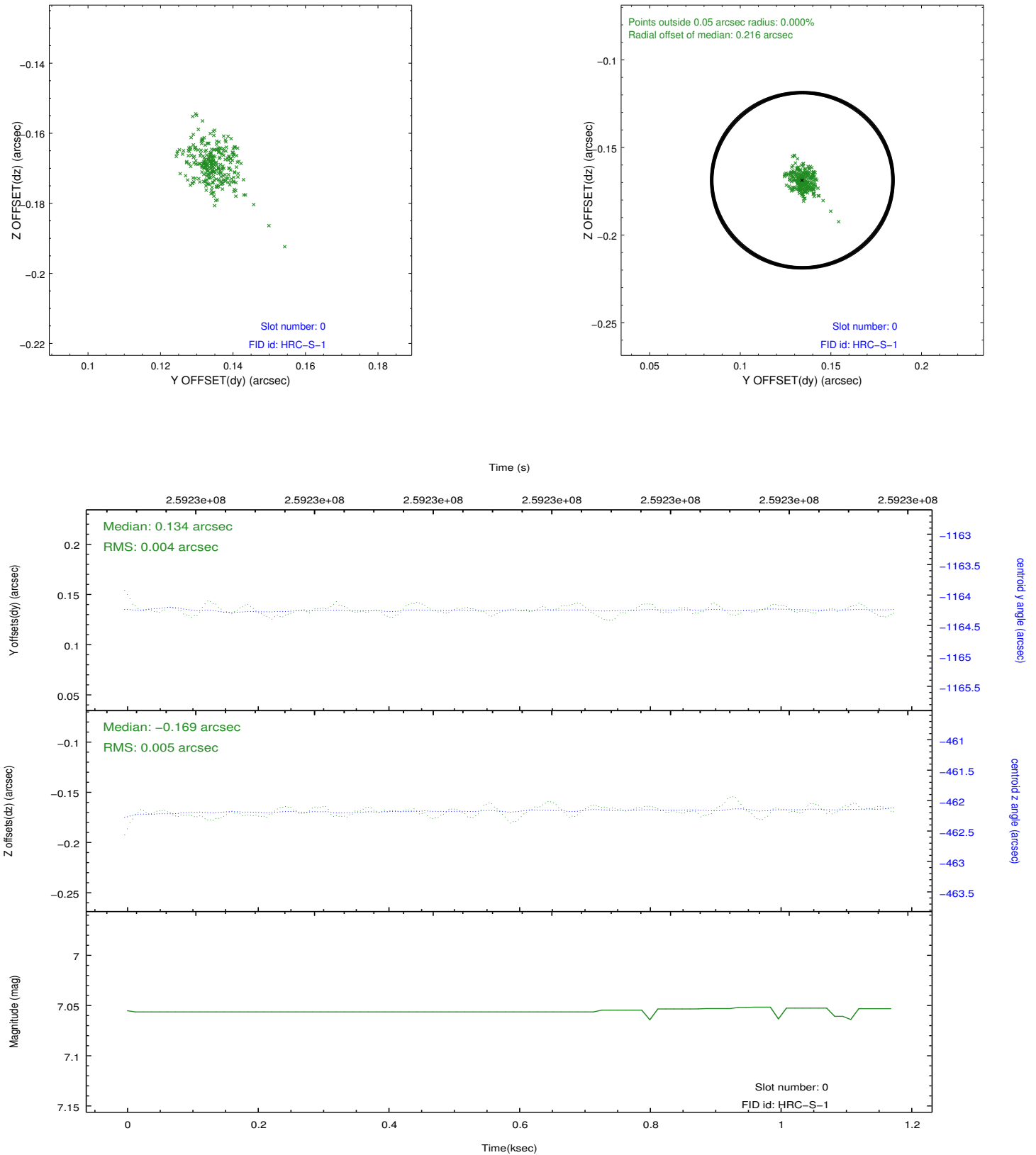


2.4.5 Slot 7

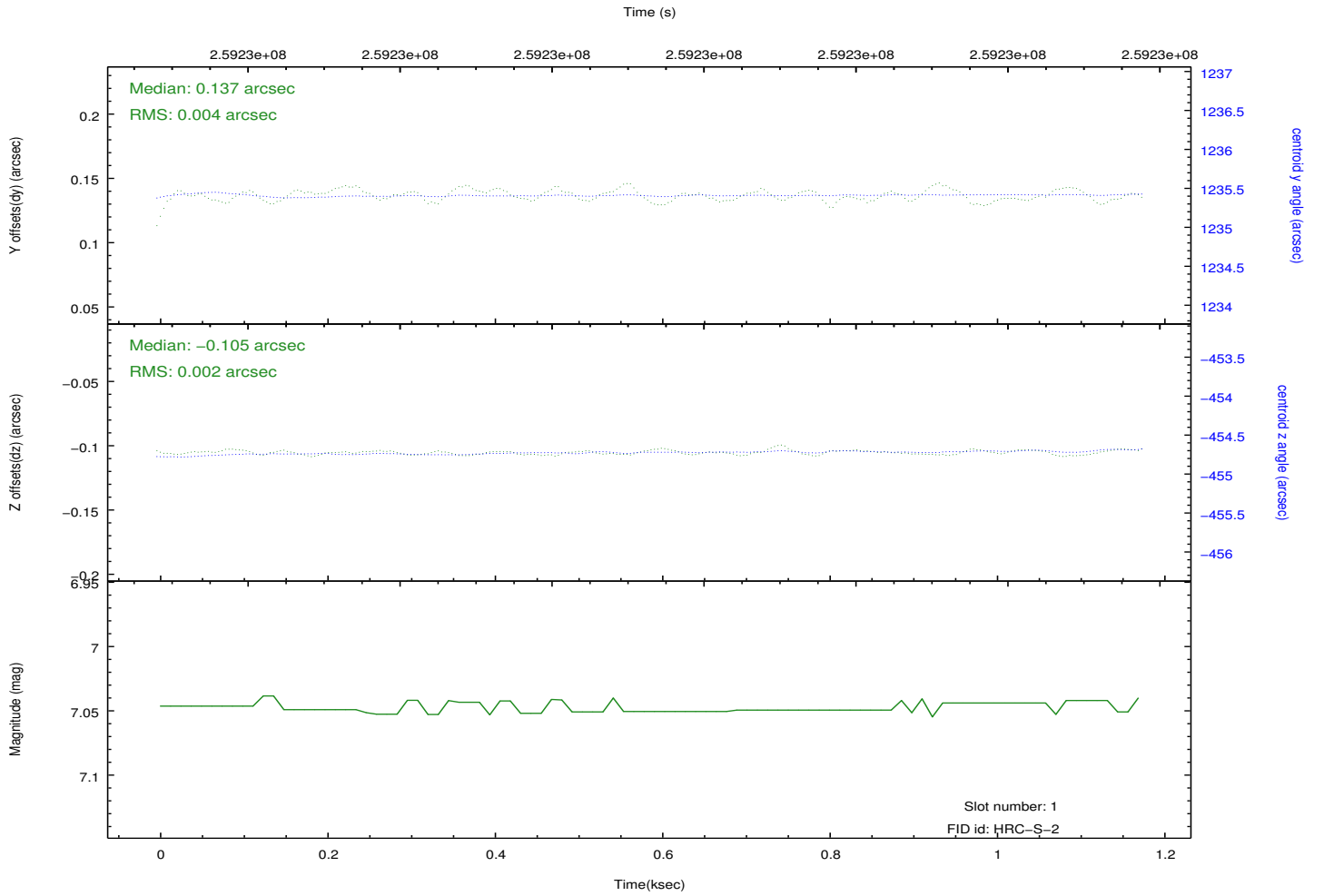
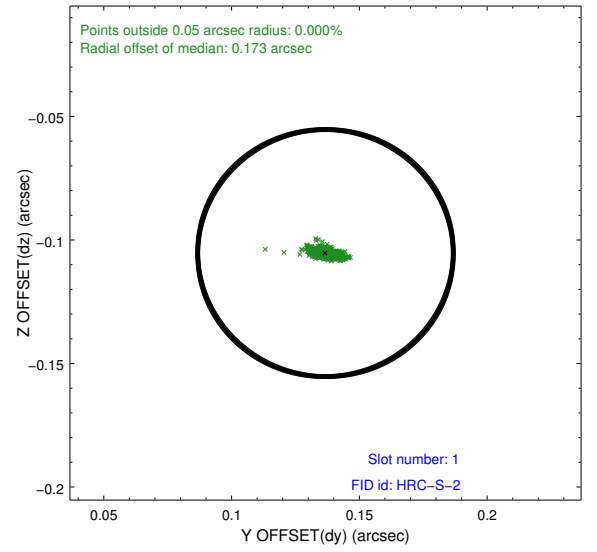
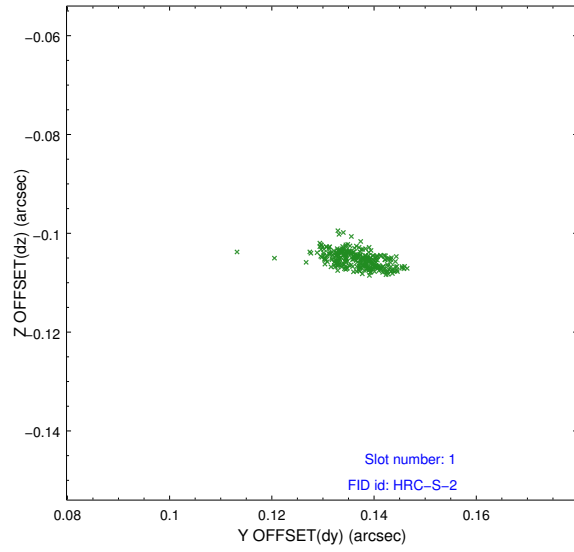


2.5 FID Slots

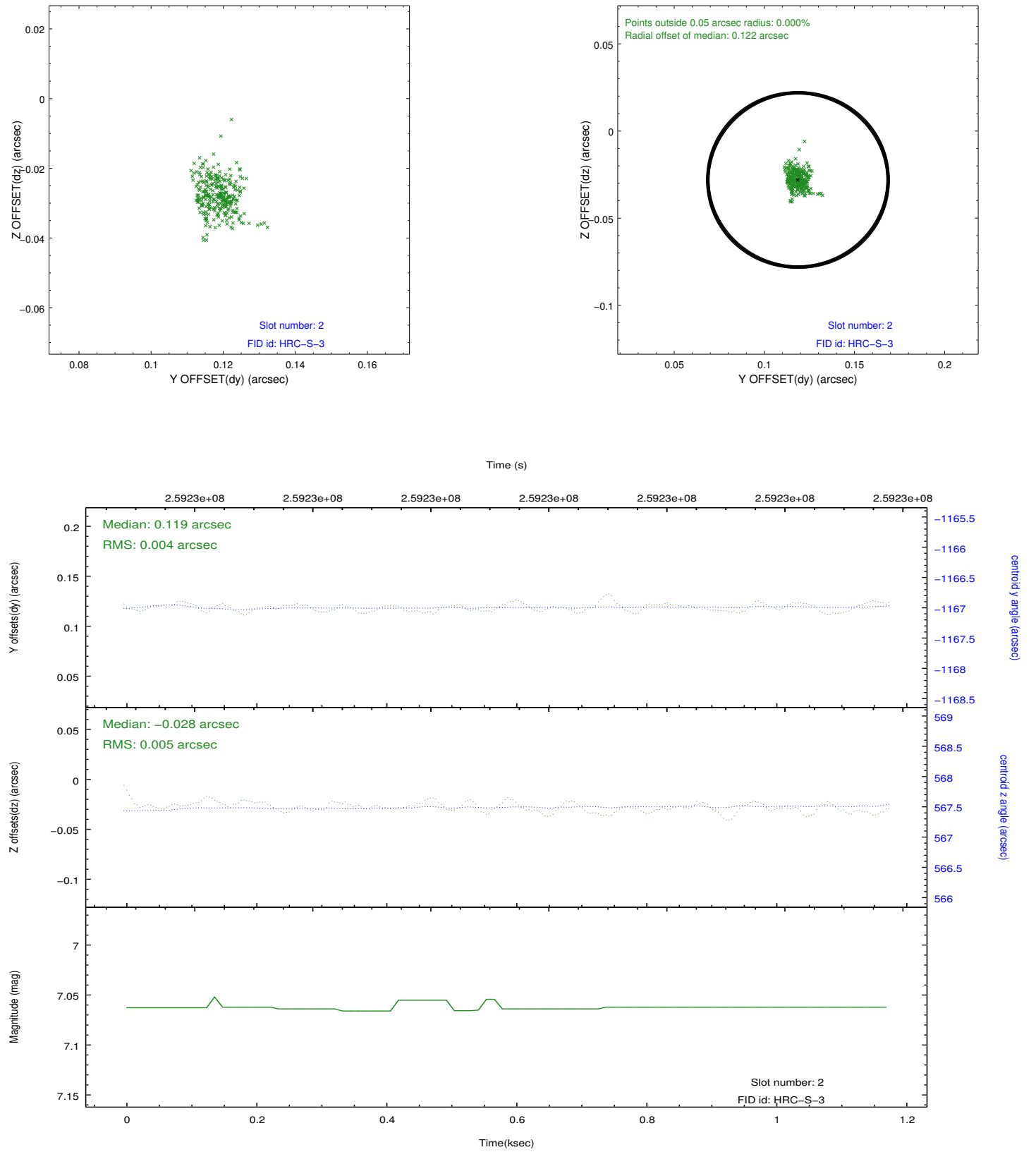
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.15107505

A.2 Comments