

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10631 - L2 Version 3
Chandra X-Ray Center

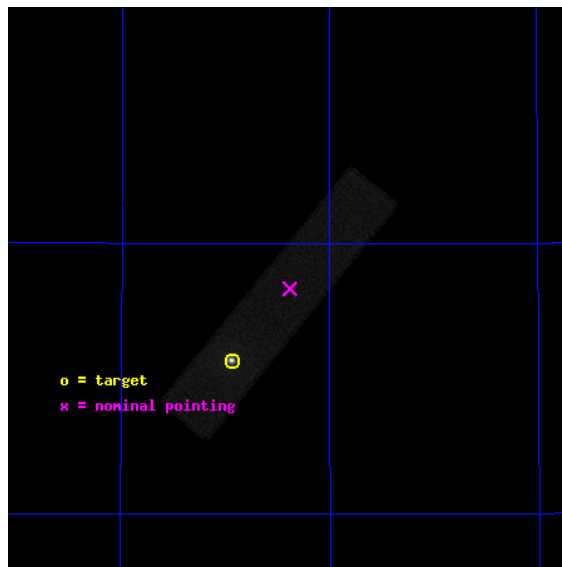
L2 Processing Date : Aug 13 2012

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1 Front

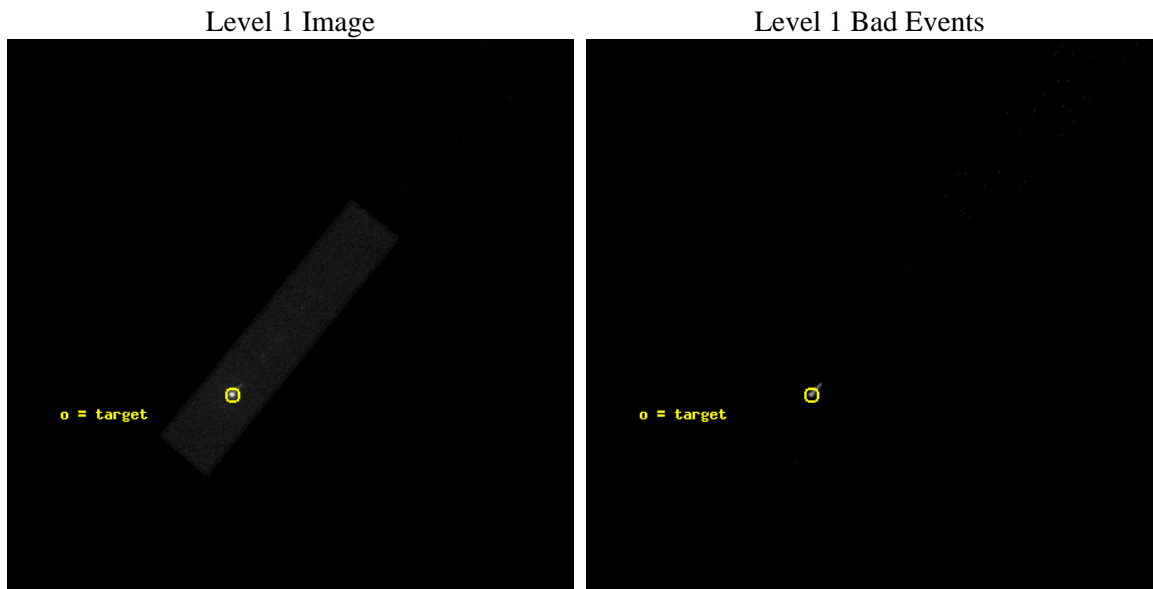
seq_num	290867	Sequence number
obs_id	10631	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.09613361904	Nominal RA [deg]
dec_nom	38.91680380756	Nominal Dec [deg]
roll_nom	129.28322465318	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.325109005	[s]
livetime	1664.1917246072	Ontime multiplied by DTCOR
l2events	379711	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2186.325109005	[s]
caldbver	4.5.1.1	 	l1events	454292	Number of level 1 events
date	2012-08-13T07:36:20	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

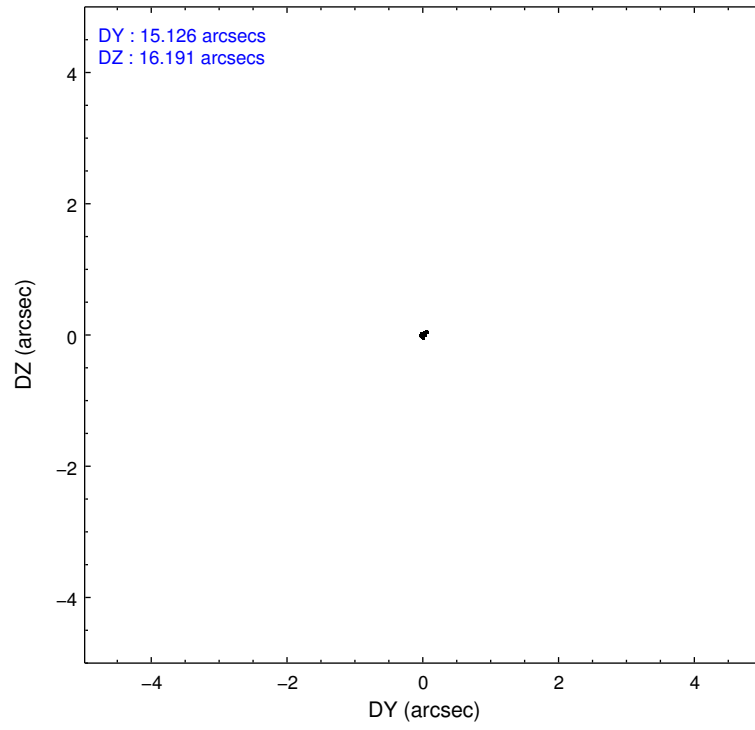
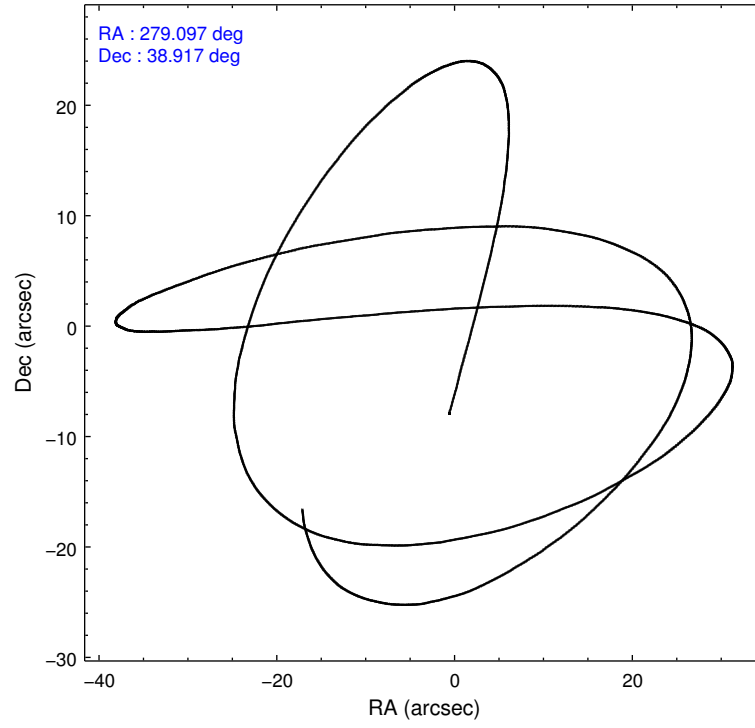
	segment 1	segment 2	segment 3
level 1 events	1492	445660	7140
rejected events	1492	42526	7140
rejected %	100%	9%	100%

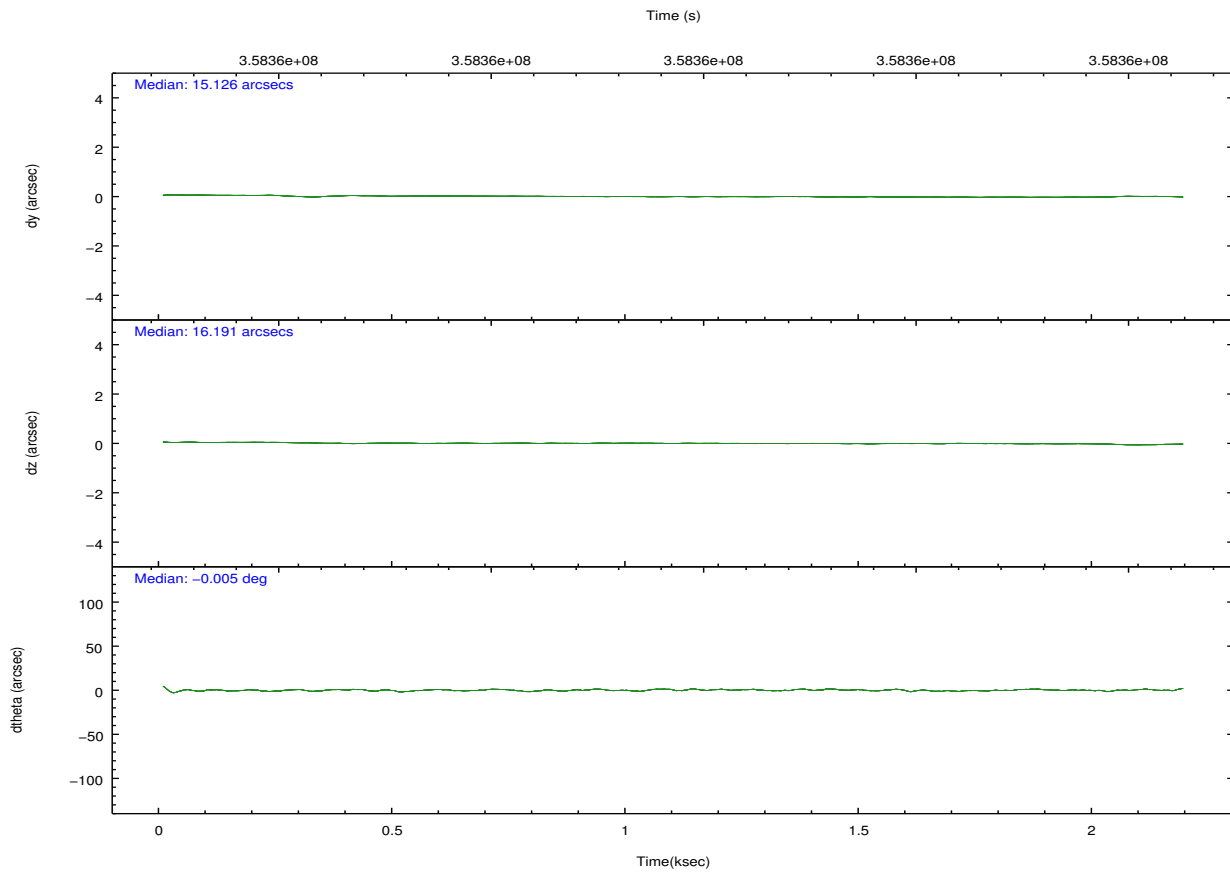
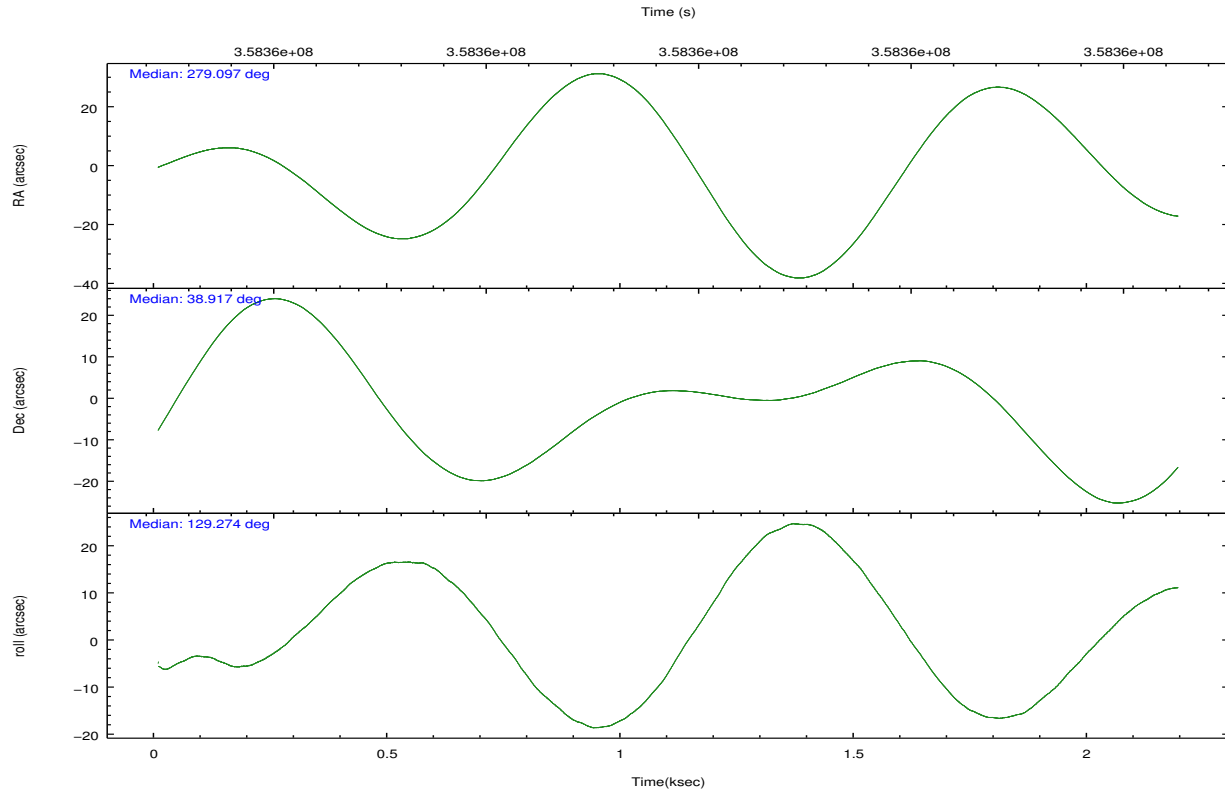
2.2 Compared Parameters

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	279.131134	279.0961336190425
[deg] Pointing Dec	38.907913	38.91680380756032
[deg] Pointing Roll	129.193904	129.2832246531774
[s] Window start time (MET)	352252866.184000	352252866.184000
[s] Window stop time (MET)	360115266.184000	360115266.184000
[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)	358362020.184000	358361643.89162
Observation start date	2009-05-10T16:59:14	2009-05-10T16:54:03
[s] Observation end time (MET)	358364020.184000	358364154.11675
Observation end date	2009-05-10T17:32:34	2009-05-10T17:35:54

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

2.3 Aspect



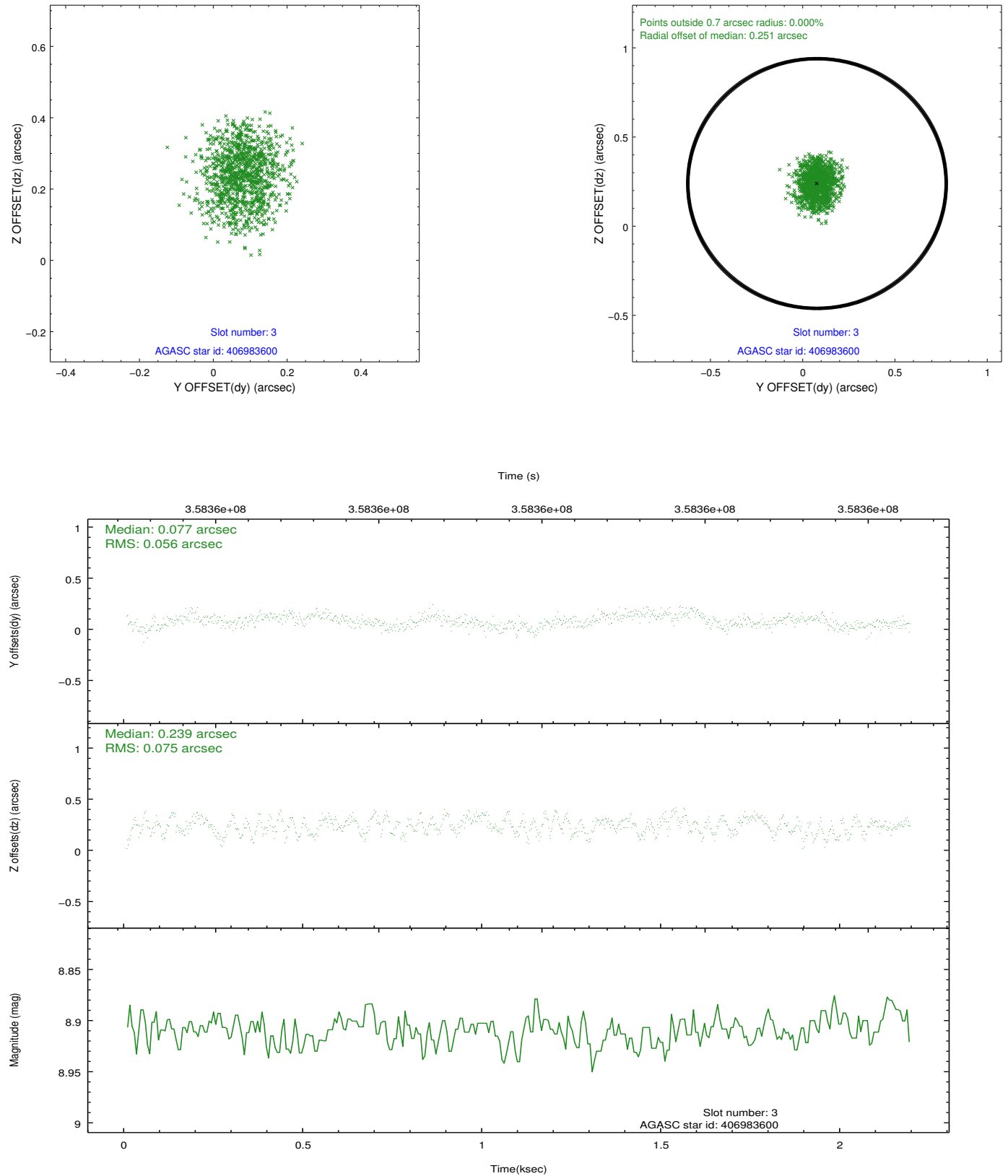


Slot Statistics

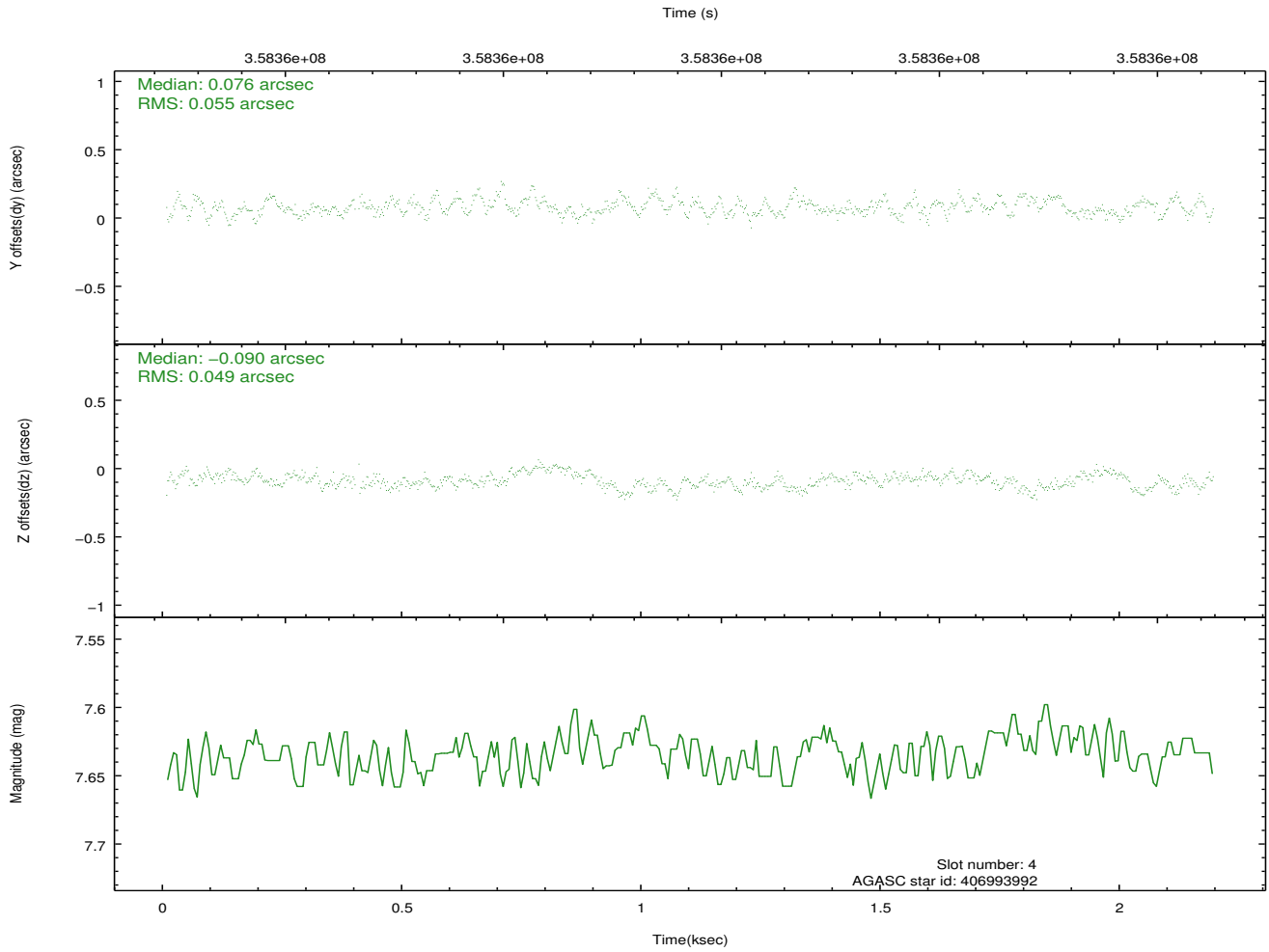
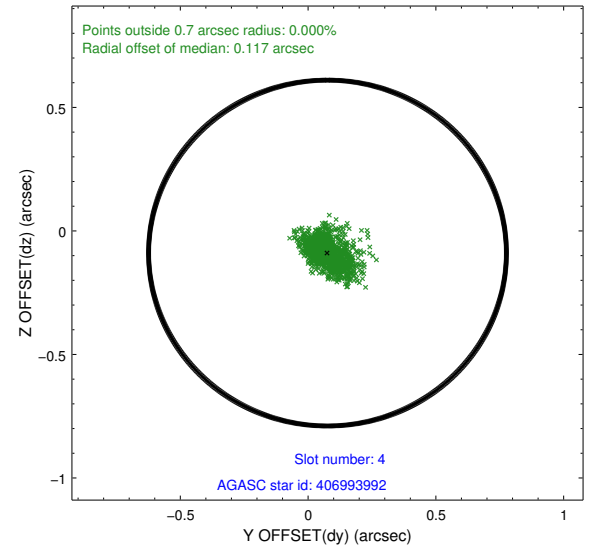
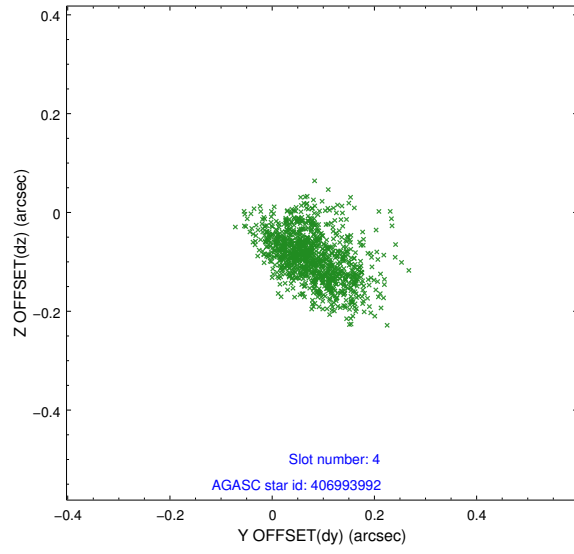
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	534	0.009	-0.137	0.005	0.008	0.000000	0.000000	-1169.58	-465.09
1	FID	HRC-S-2	7.01	534	0.180	-0.135	0.008	0.016	0.000000	0.000000	1228.06	-458.53
2	FID	HRC-S-4	6.97	534	0.214	-0.032	0.007	0.013	0.000000	0.000000	1231.13	566.31
3	GUIDE	406983600	8.91	1068	0.077	0.239	0.101	0.154	279.940957	39.020708	-1109.49	-2017.62
4	GUIDE	406993992	7.63	1065	0.076	-0.090	0.078	0.130	279.053714	38.034587	-2299.36	2155.30
5	GUIDE	407510432	8.16	1068	-0.020	0.113	0.079	0.125	278.762778	39.530640	2383.49	-622.03
6	GUIDE	407521232	8.63	1068	-0.168	0.209	0.084	0.138	279.628883	39.431715	592.32	-2266.14
7	GUIDE	406987272	6.96	1067	0.026	-0.480	0.072	0.119	278.536588	38.437504	-247.84	2364.20

2.4 Star Slots

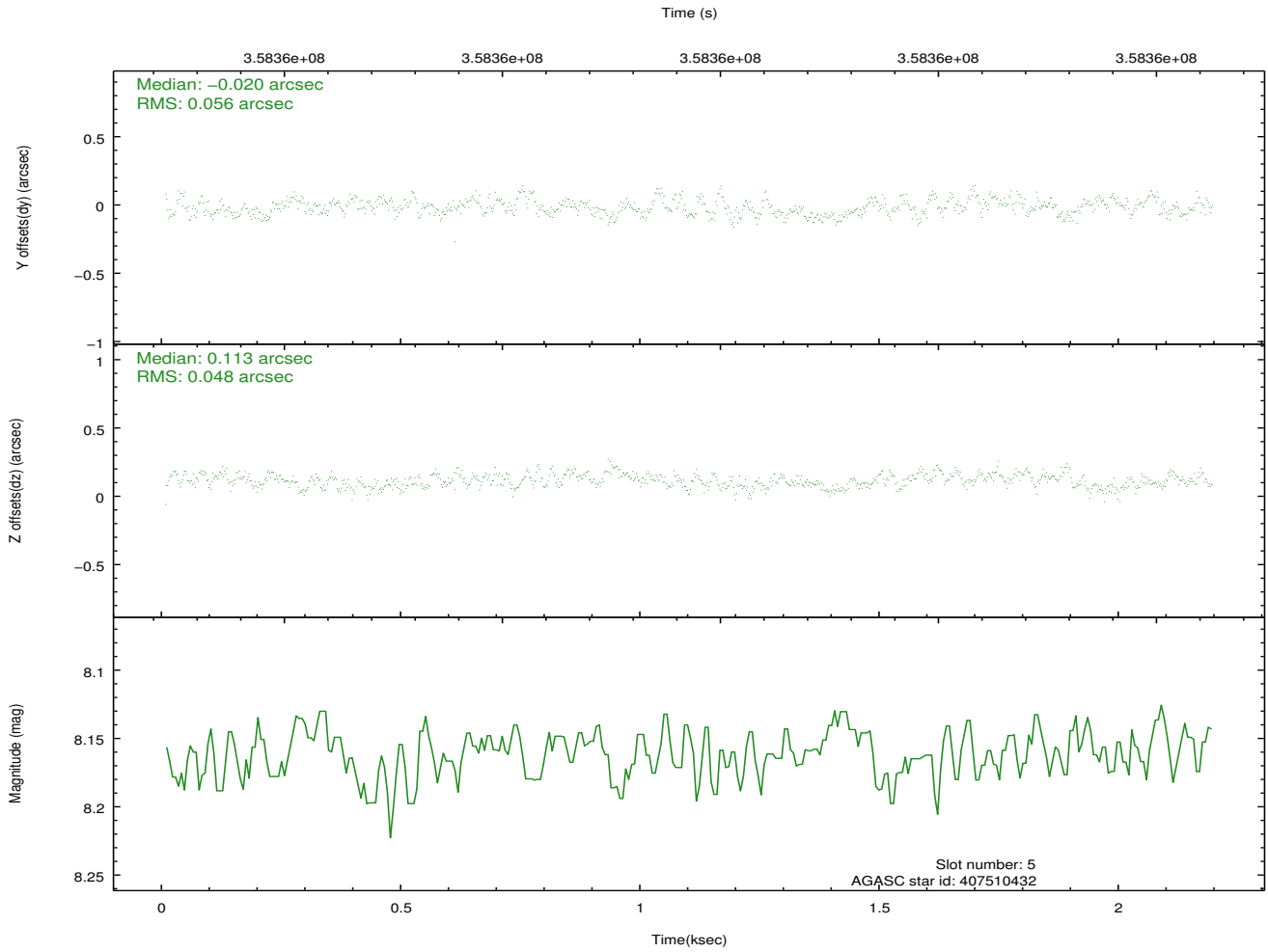
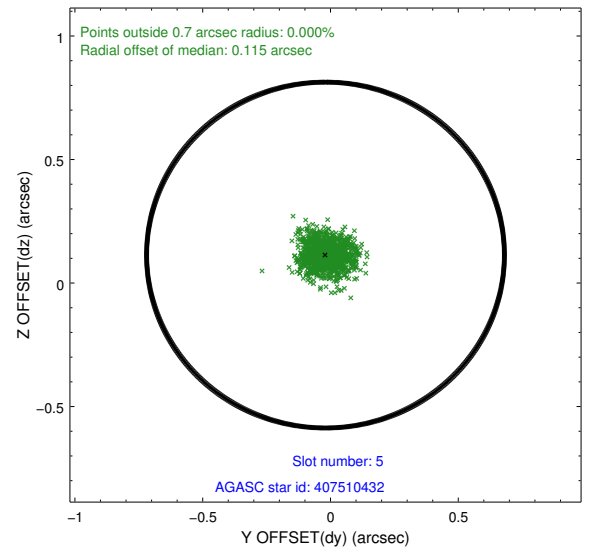
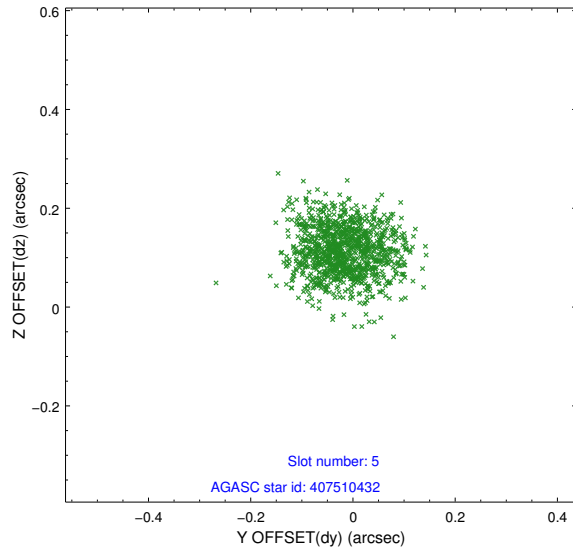
2.4.1 Slot 3



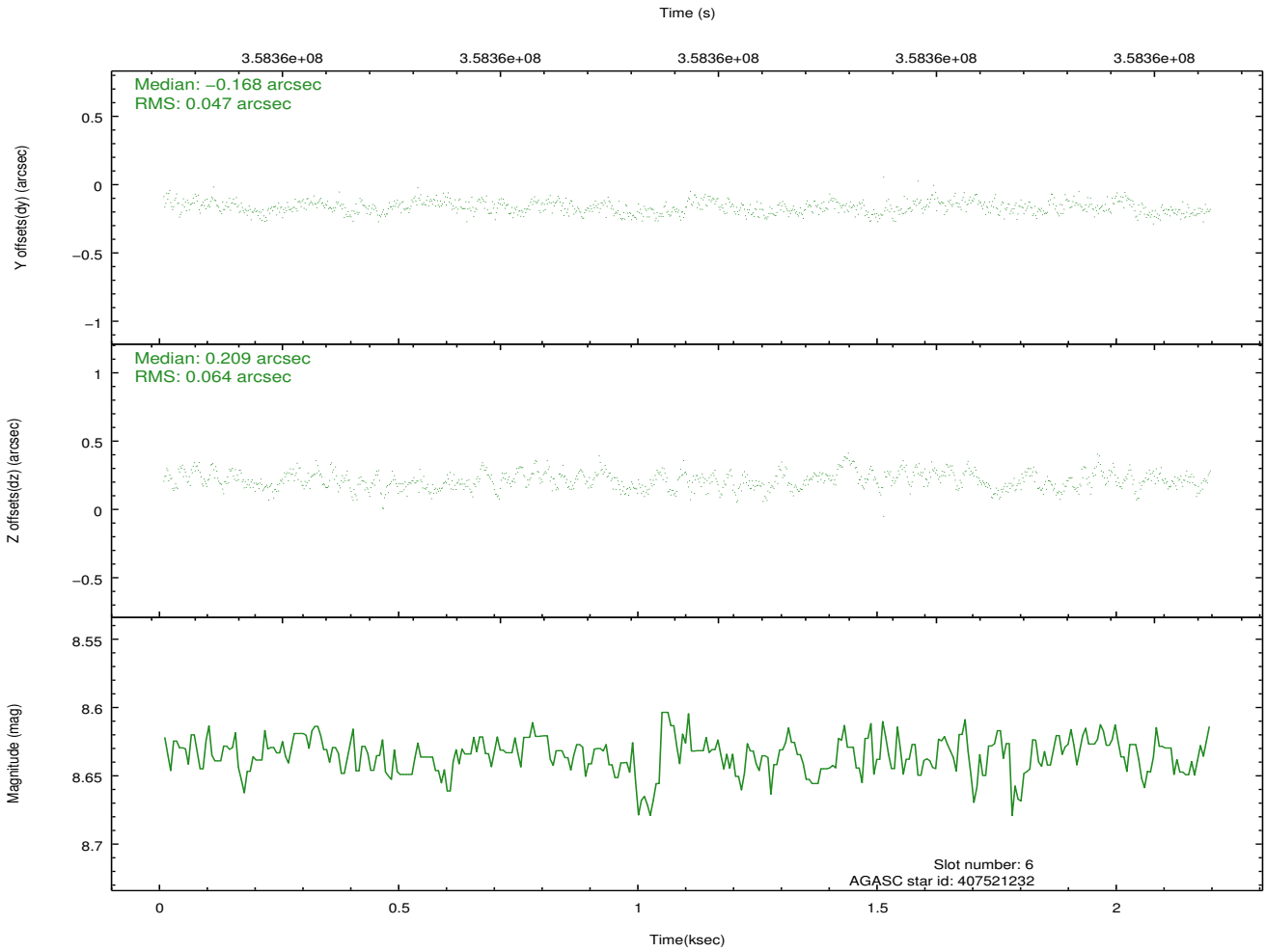
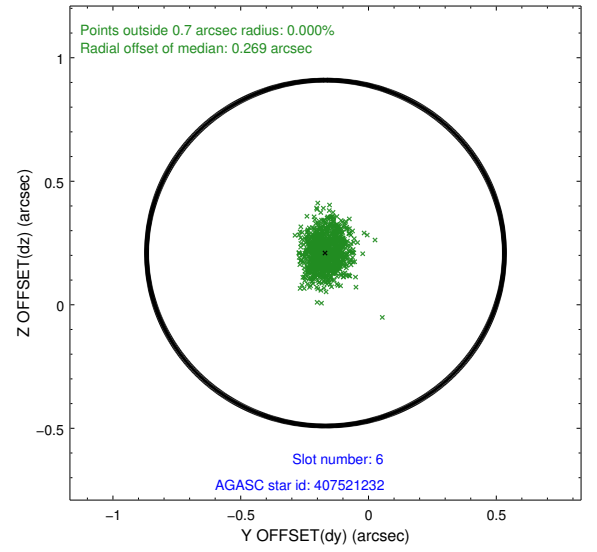
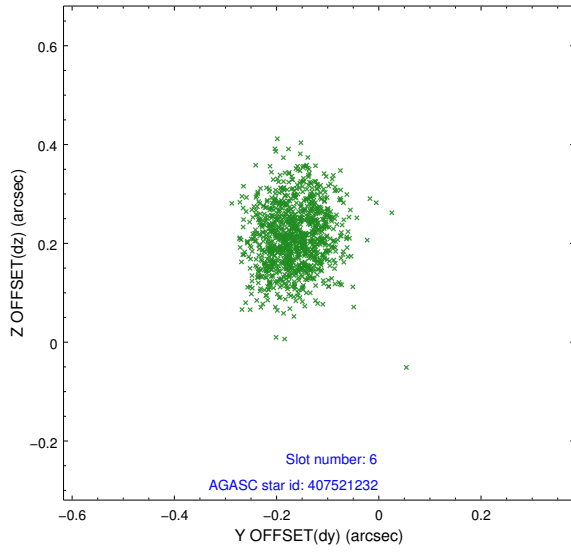
2.4.2 Slot 4



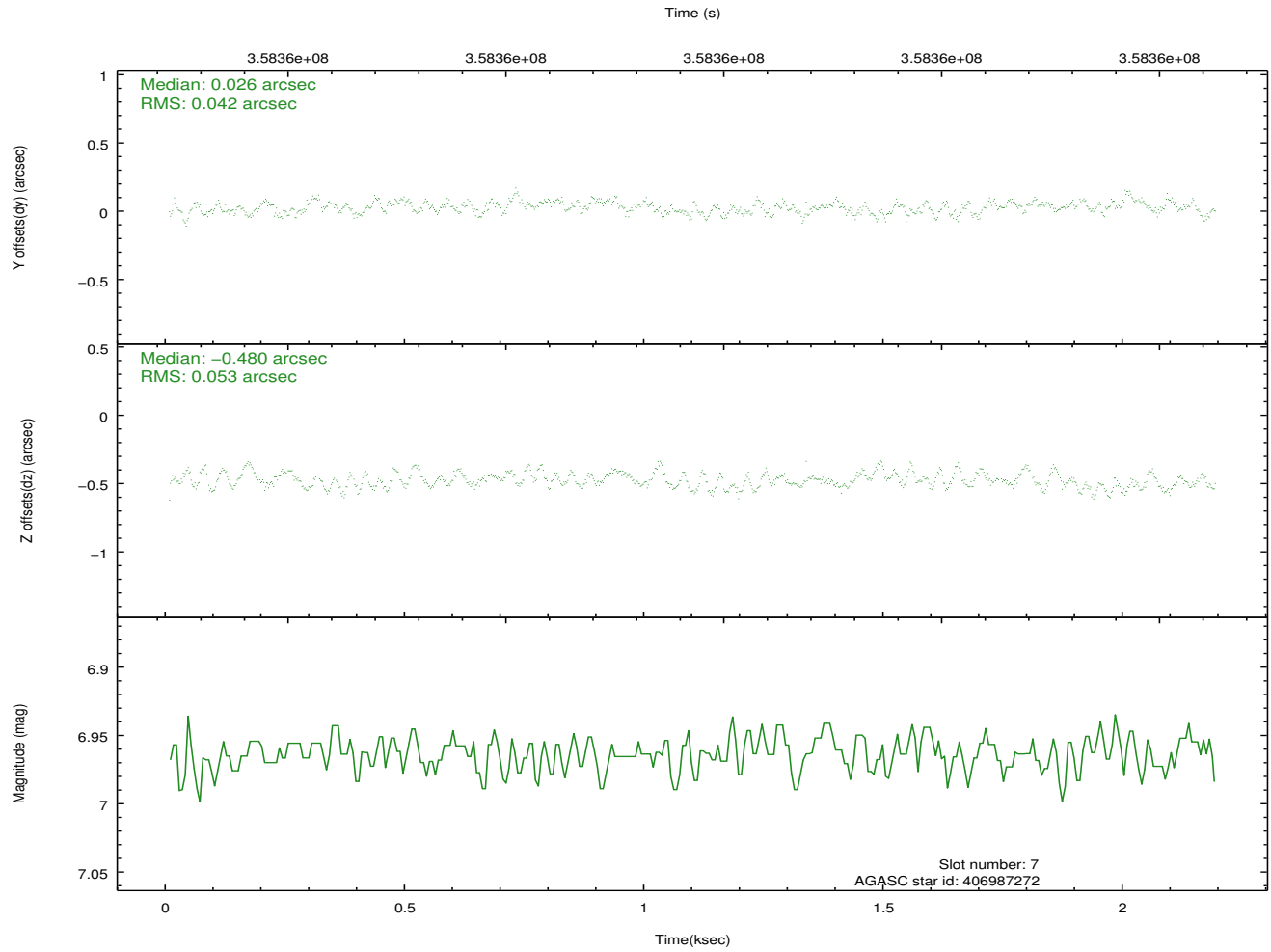
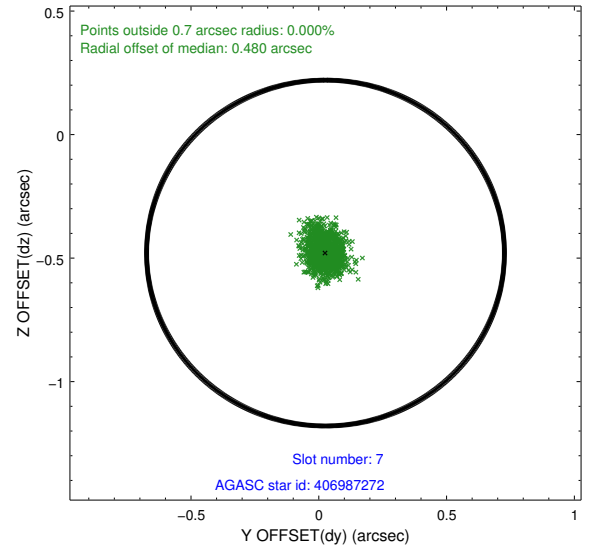
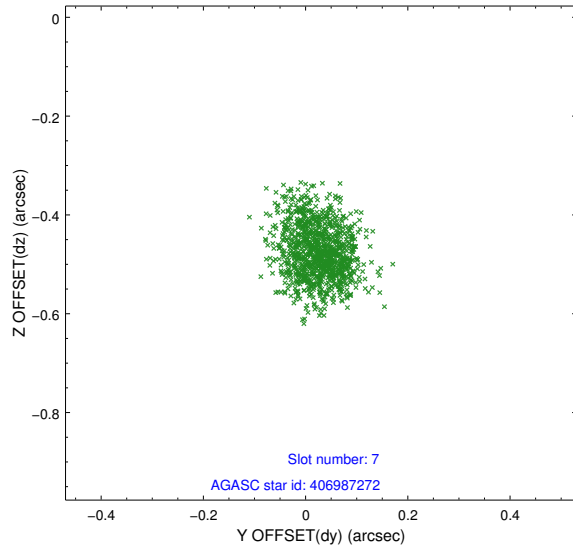
2.4.3 Slot 5



2.4.4 Slot 6

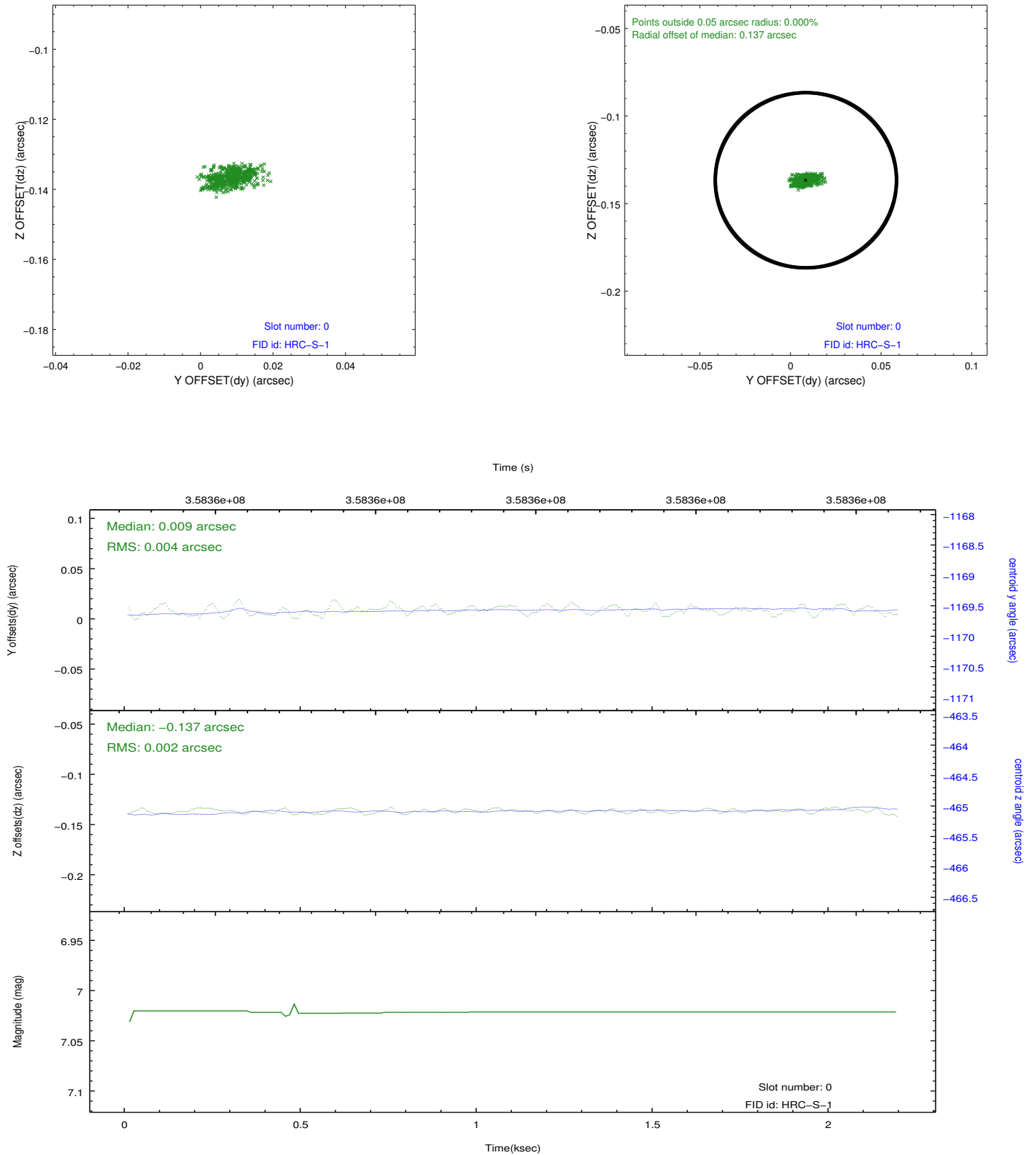


2.4.5 Slot 7

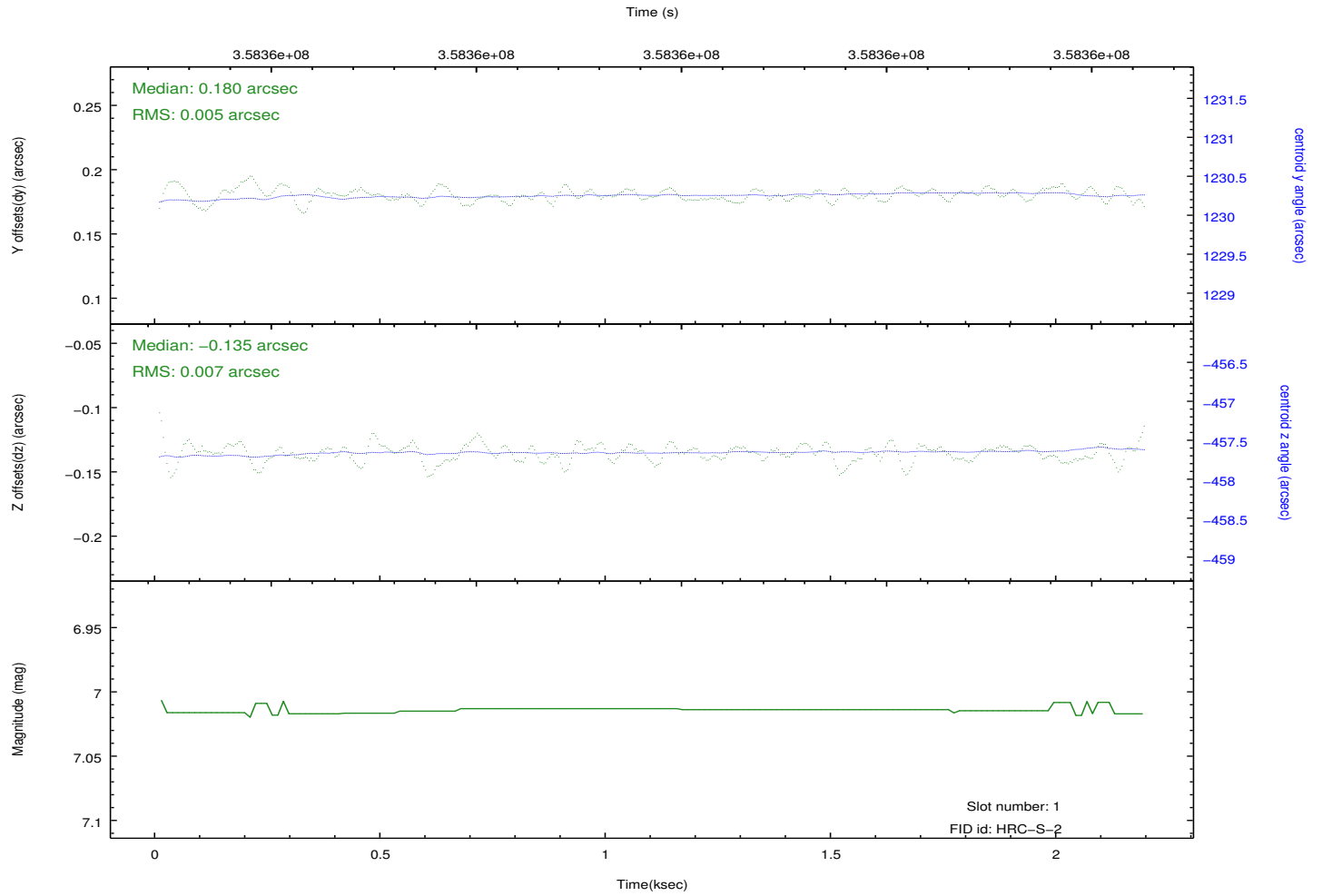
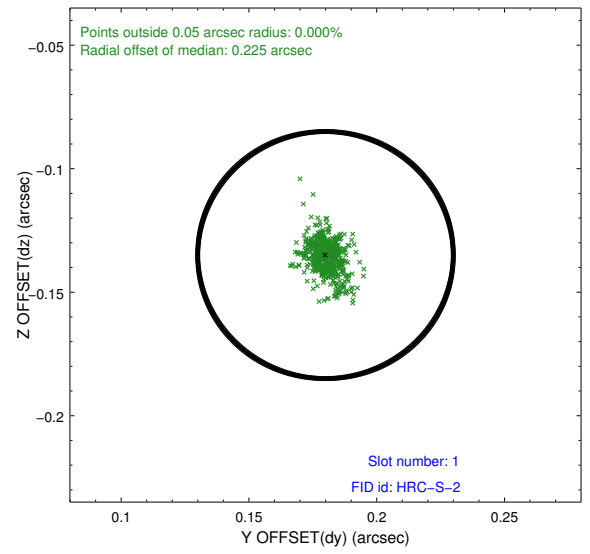
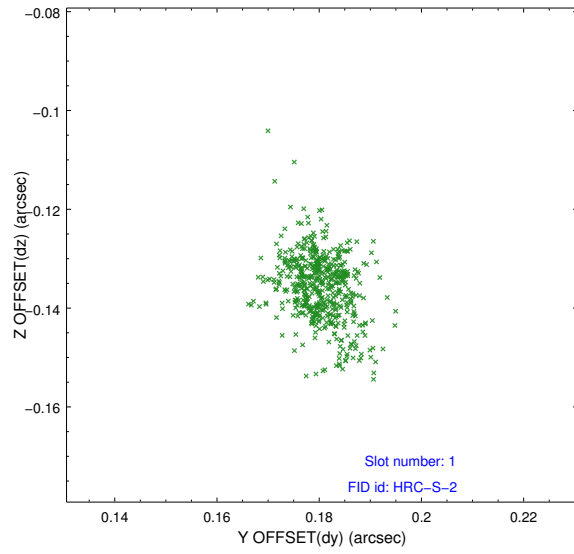


2.5 FID Slots

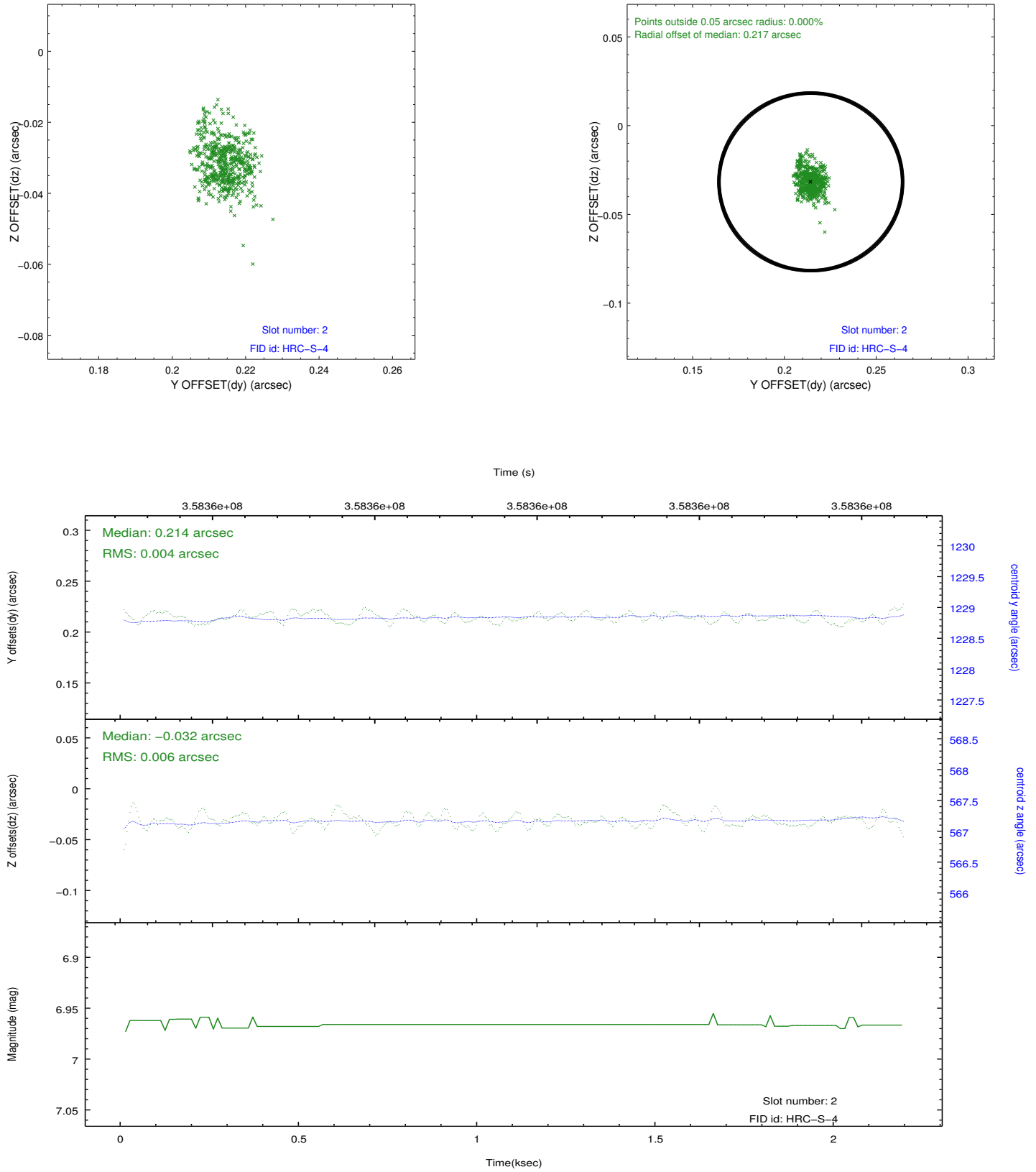
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1863251

A.2 Comments

Window constraint met.