

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14244 - L2 Version 4
Chandra X-Ray Center

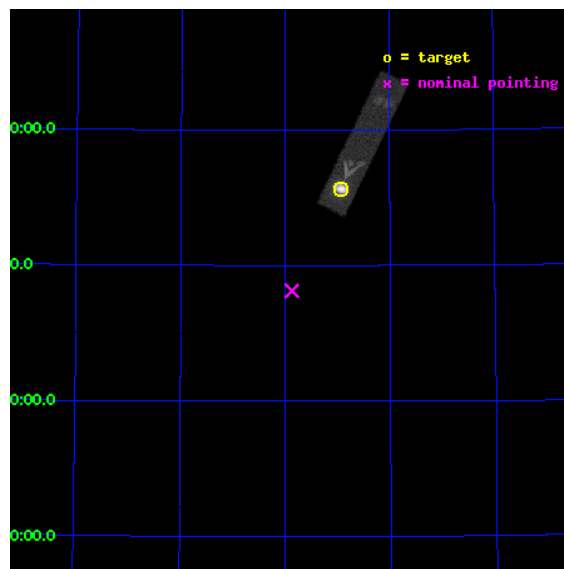
L2 Processing Date : Aug 10 2012

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1 Front

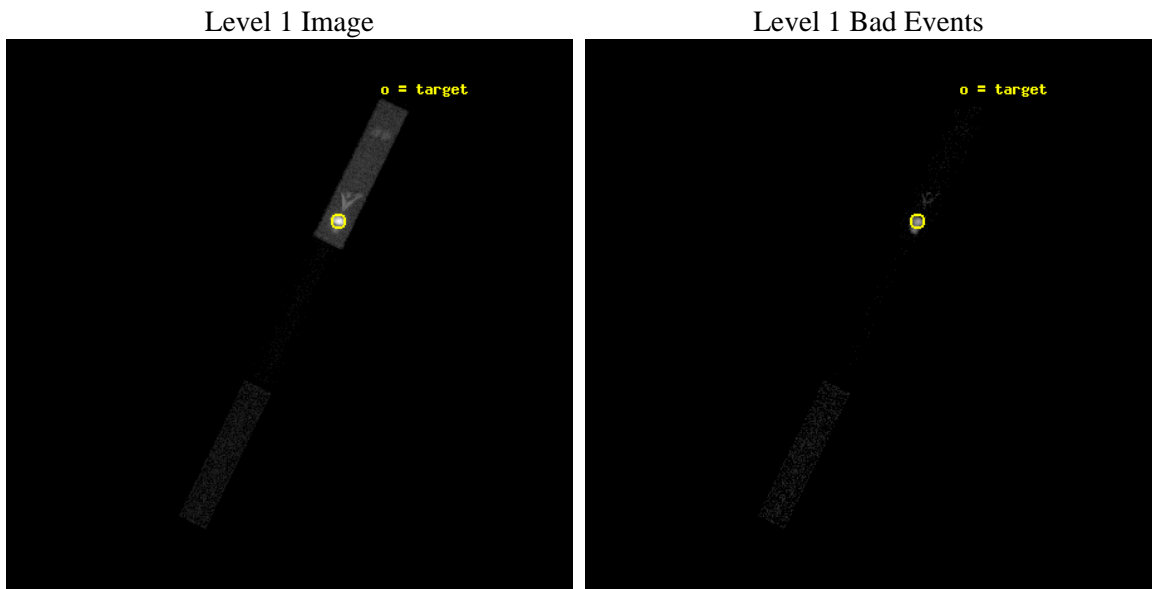
seq_num	291017	Sequence number
obs_id	14244	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.46901891053	Nominal RA [deg]
dec_nom	38.407326689822	Nominal Dec [deg]
roll_nom	296.06059774213	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.7250618339	[s]
liveltime	485.38186235347	Ontime multiplied by DTCOR
l2events	210337	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	1177.7250618339	[s]
caldbver	4.5.1.1	 	l1events	267467	Number of level 1 events
date	2012-08-10T03:51:15	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

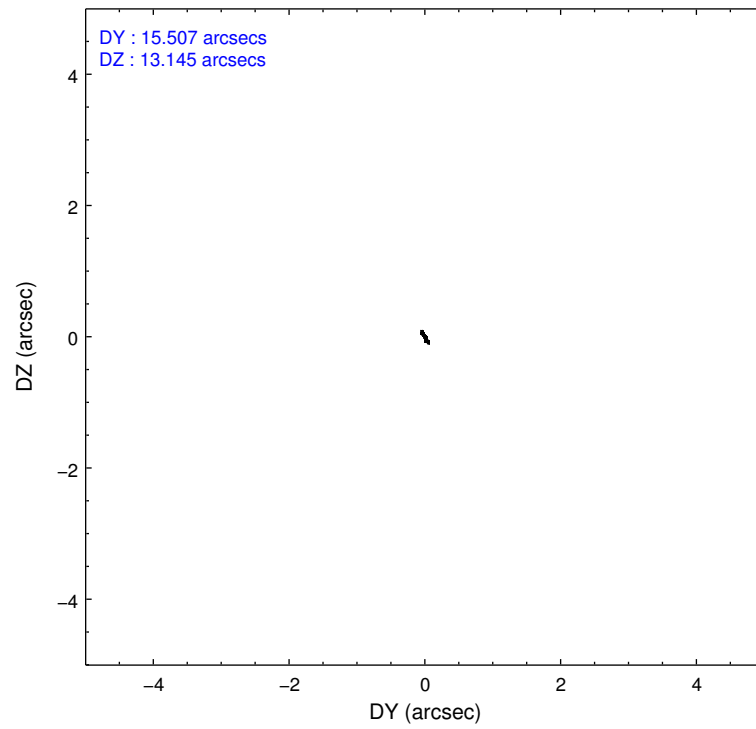
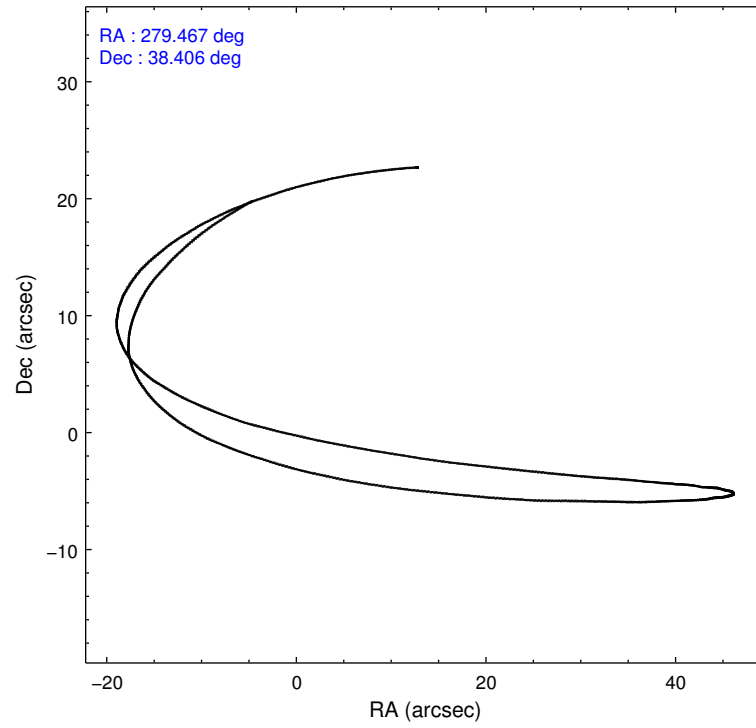
	segment 1	segment 2	segment 3
level 1 events	262568	341	4558
rejected events	45420	331	4558
rejected %	17%	97%	100%

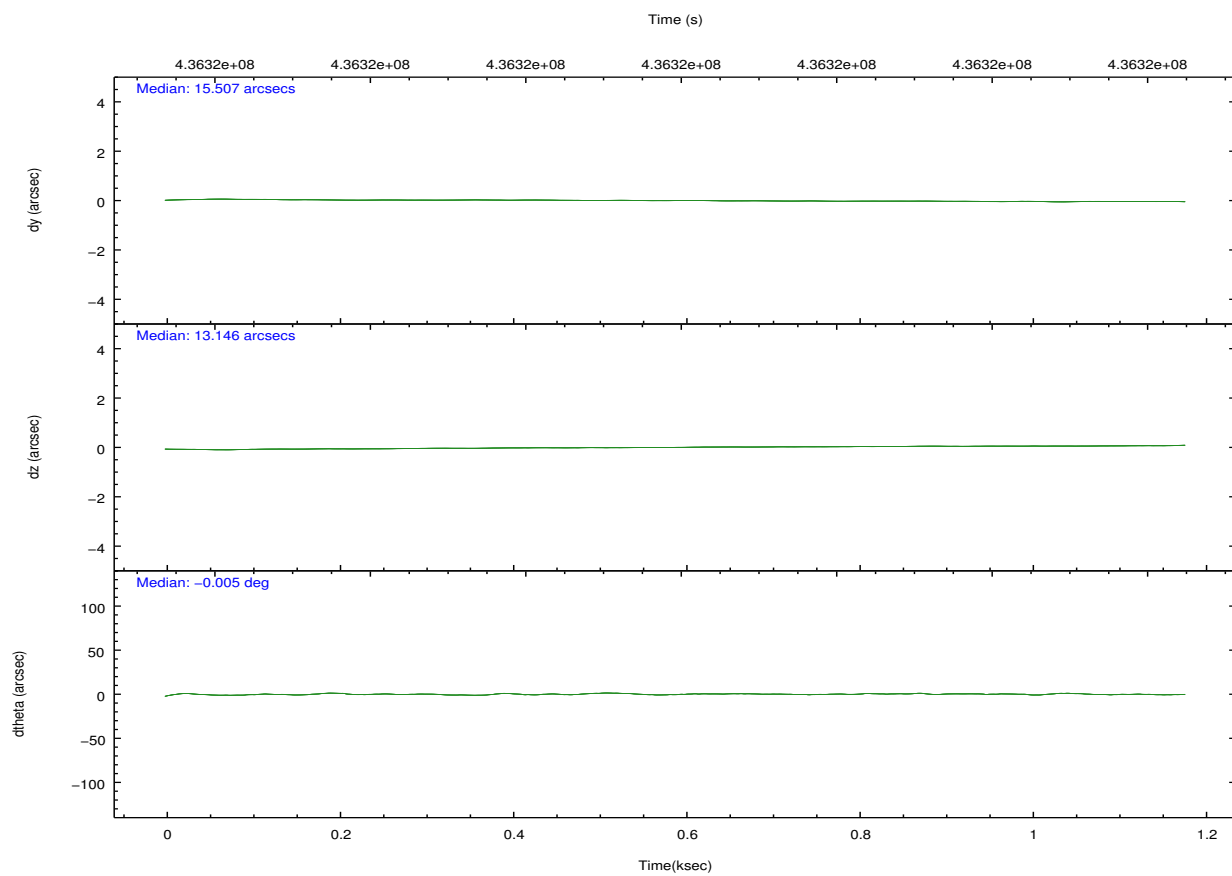
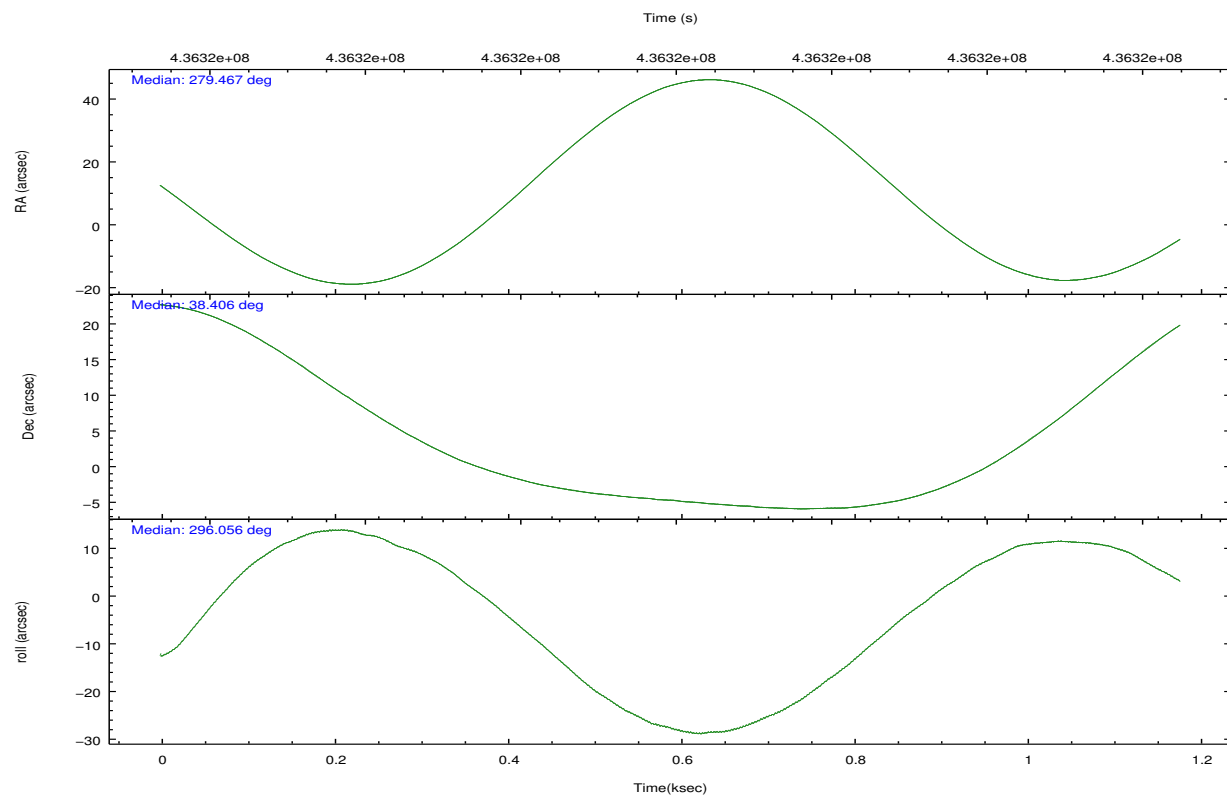
2.2 Compared Parameters

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	279.439073	279.4690189105331
[deg] Pointing Dec	38.422246	38.40732668982155
[deg] Pointing Roll	296.011904	296.0605977421342
[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)	436317776.184000	436317401.14619
Observation start date	2011-10-29T23:21:50	2011-10-29T23:16:41
[s] Observation end time (MET)	436318776.184000	436318910.45877
Observation end date	2011-10-29T23:38:30	2011-10-29T23:41:50

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

2.3 Aspect



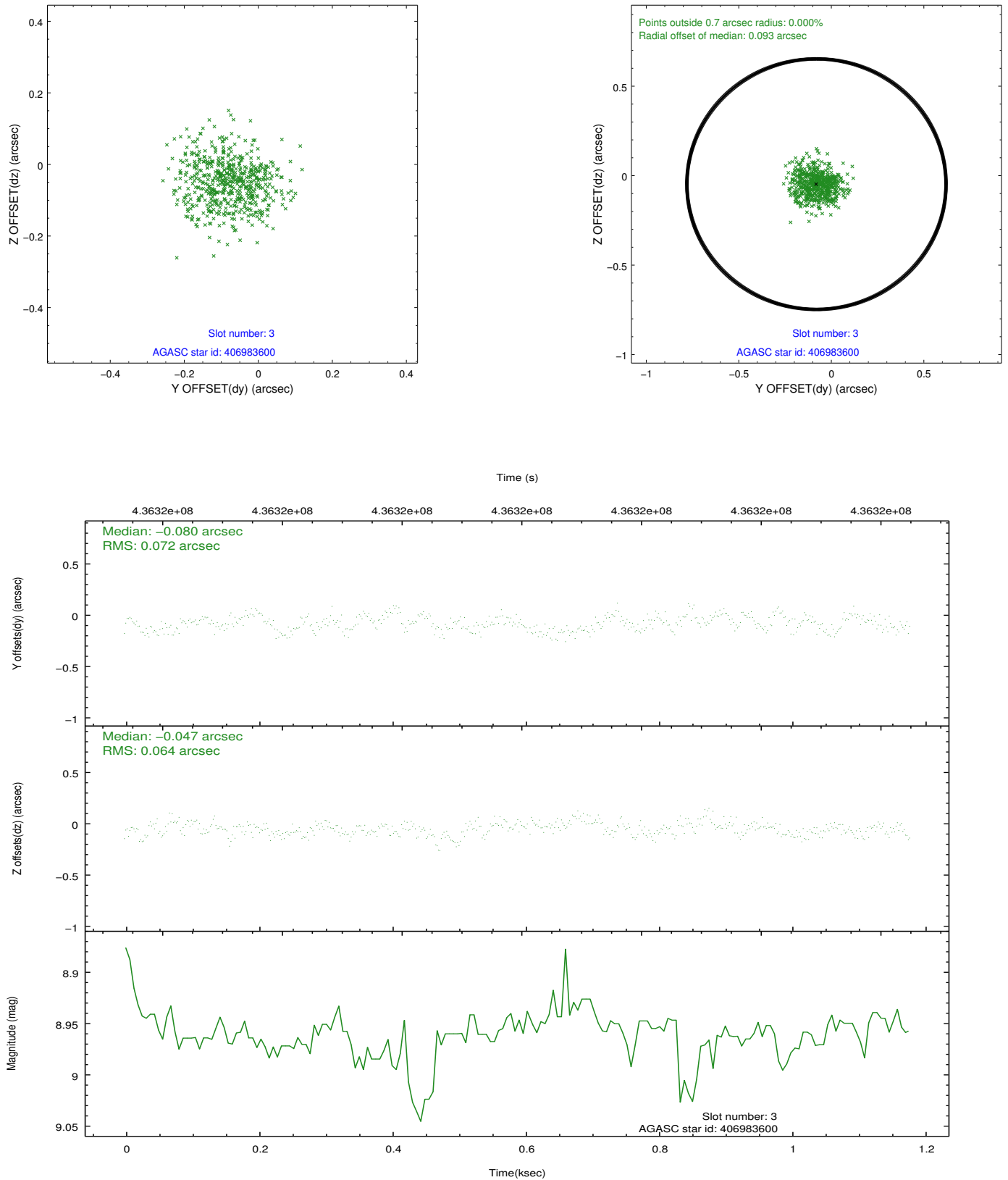


Slot Statistics

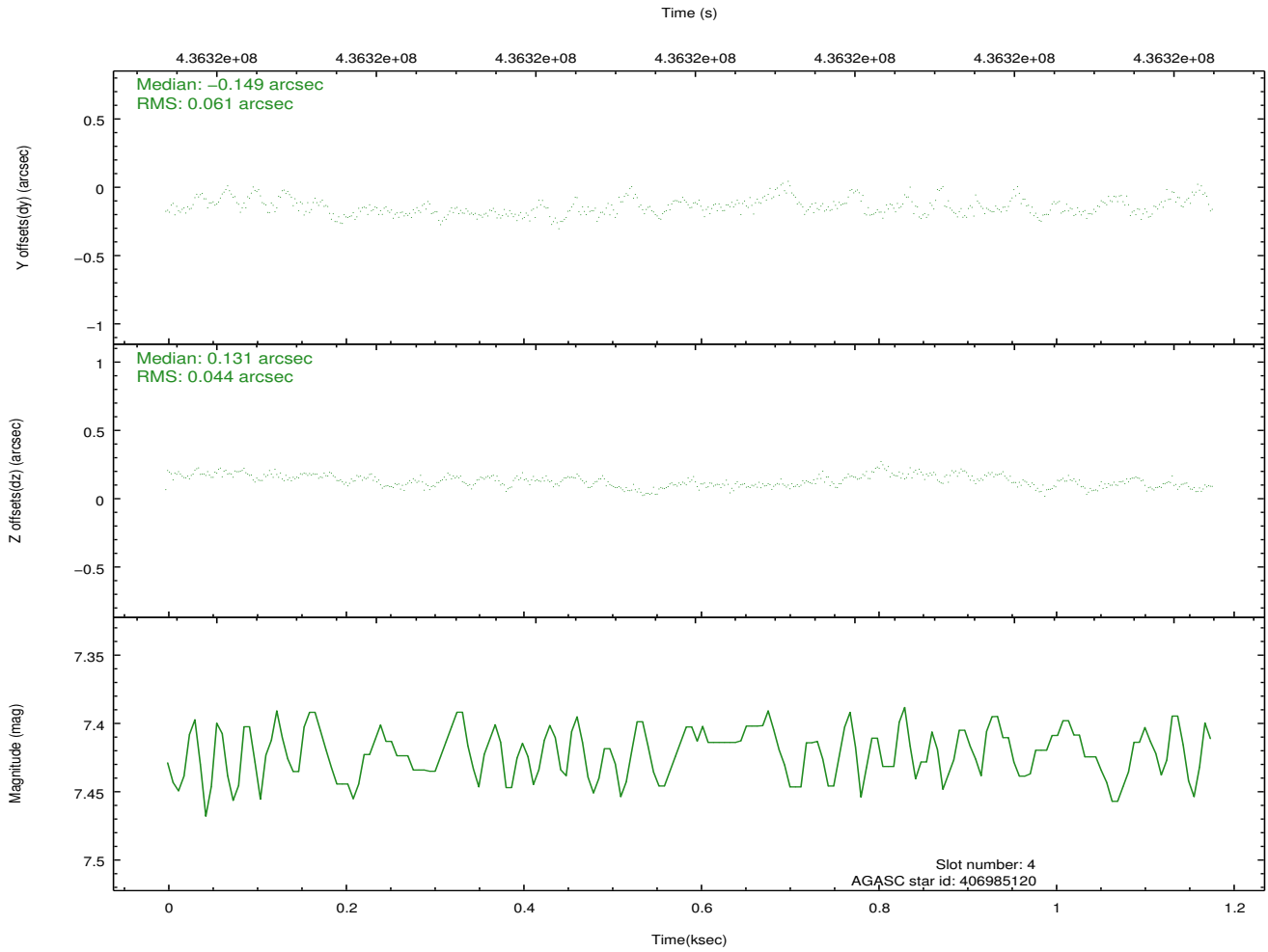
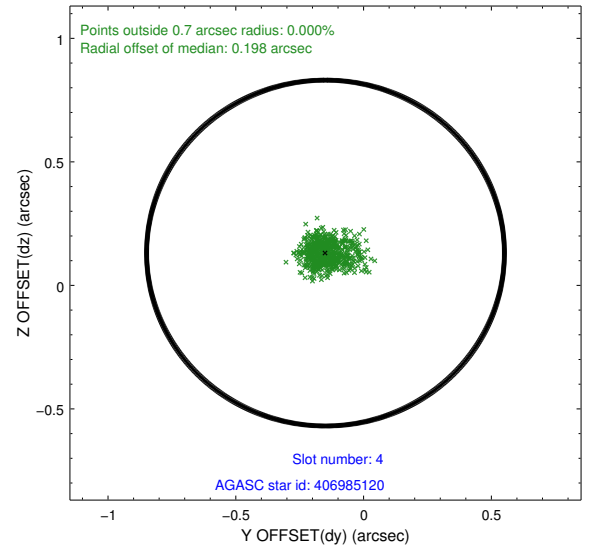
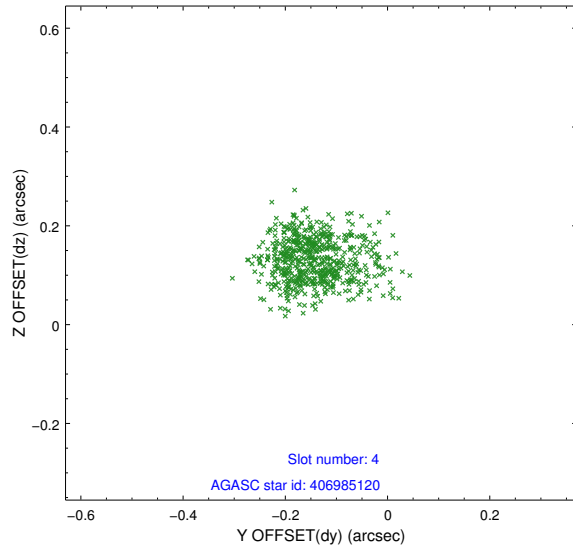
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	288	0.008	-0.131	0.007	0.012	0.000000	0.000000	-1169.98	-461.95
1	FID	HRC-S-2	6.93	288	0.302	-0.121	0.006	0.012	0.000000	0.000000	1225.91	-456.12
2	FID	HRC-S-3	6.96	288	0.080	-0.049	0.007	0.011	0.000000	0.000000	-1168.39	566.07
3	GUIDE	406983600	8.96	575	-0.080	-0.047	0.104	0.165	279.940957	39.020708	-1321.16	2212.57
4	GUIDE	406985120	7.42	576	-0.149	0.131	0.078	0.132	278.839732	38.894839	-2270.95	-752.86
5	GUIDE	406990192	9.00	575	0.162	0.038	0.103	0.171	278.510952	38.533654	-1520.36	-2164.60
6	GUIDE	406992968	7.66	576	-0.027	-0.172	0.065	0.108	279.925490	37.993090	1988.84	564.61
7	GUIDE	406993992	7.63	575	0.085	0.062	0.079	0.126	279.053714	38.034587	778.87	-1587.51

2.4 Star Slots

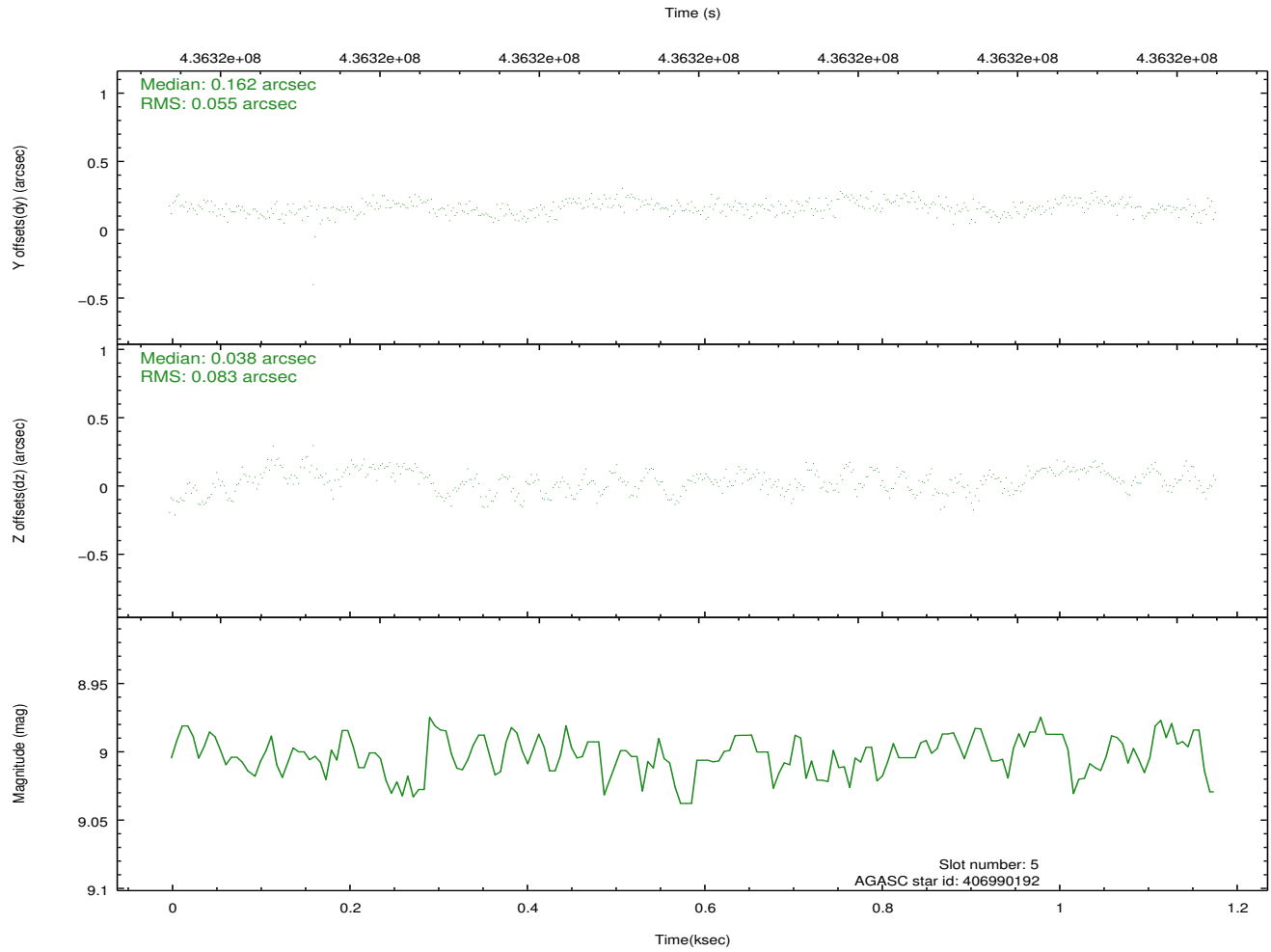
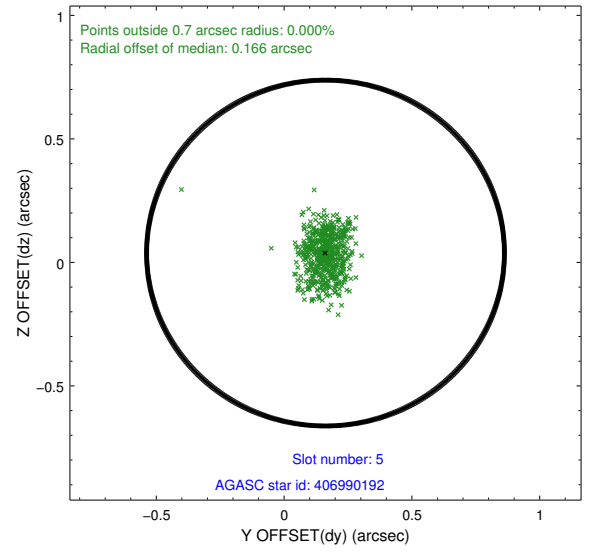
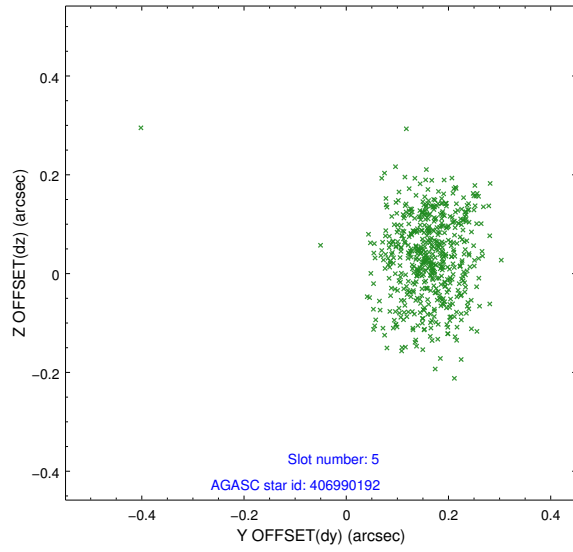
2.4.1 Slot 3



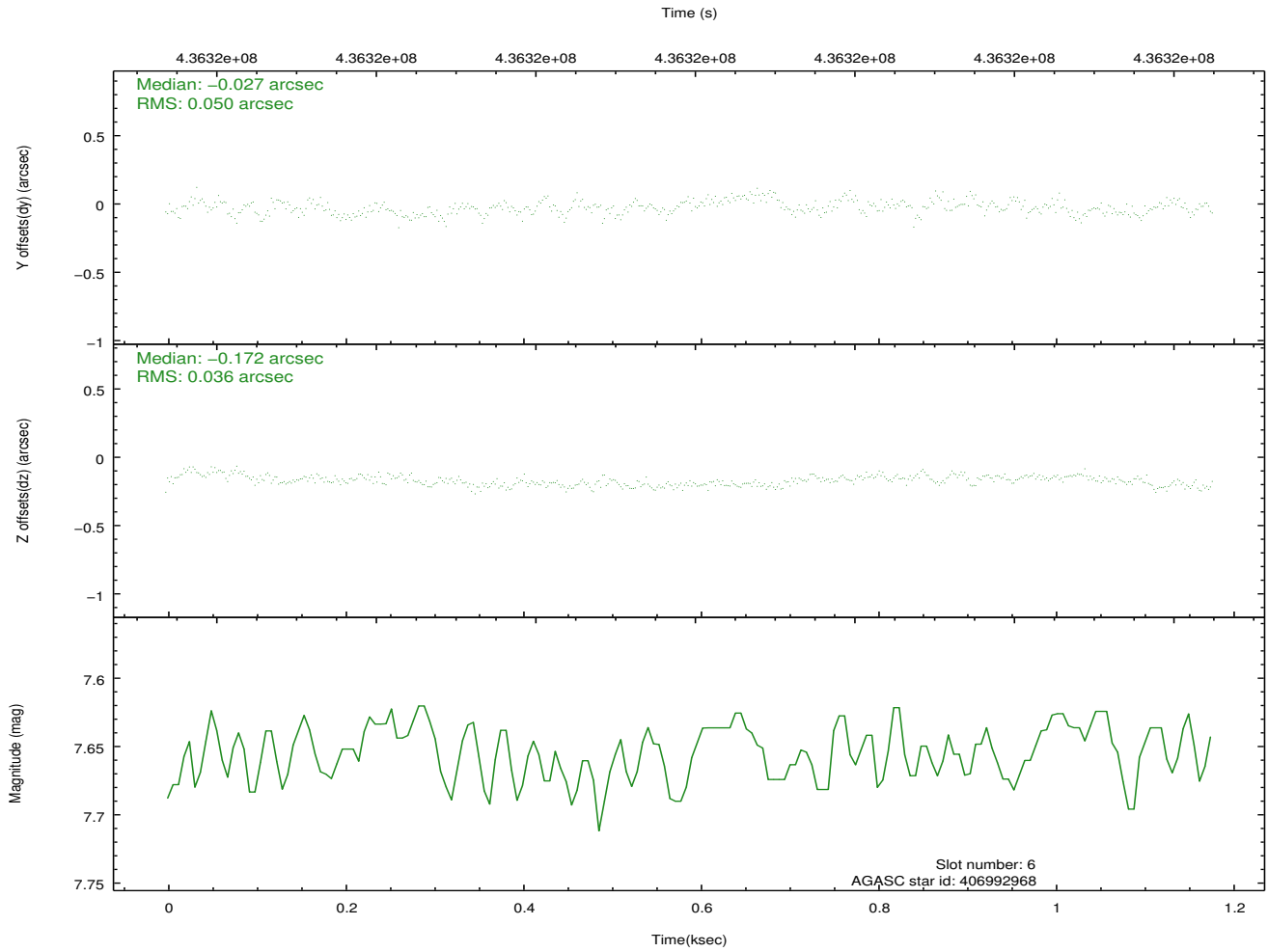
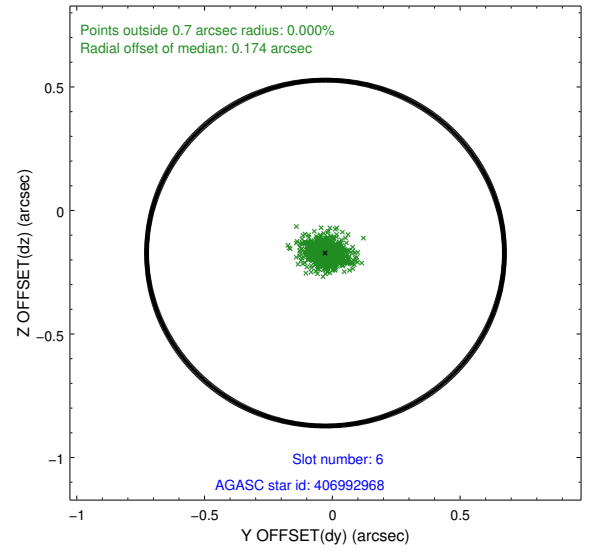
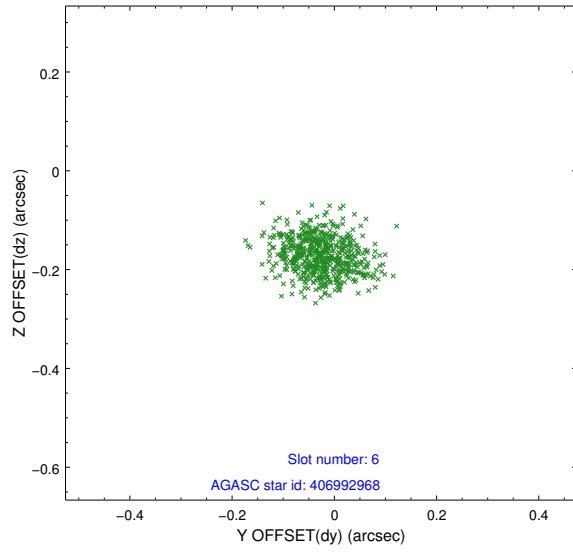
2.4.2 Slot 4



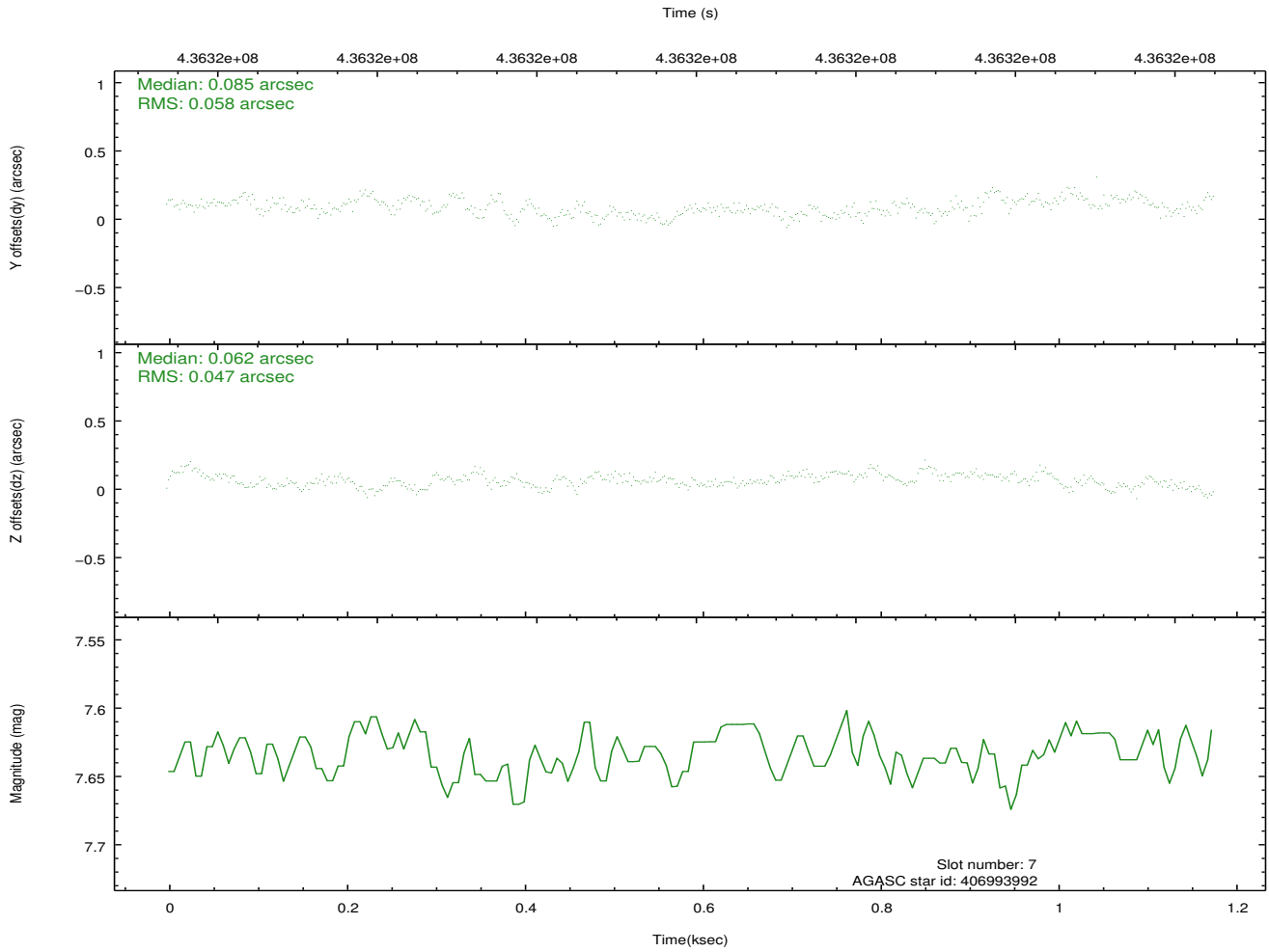
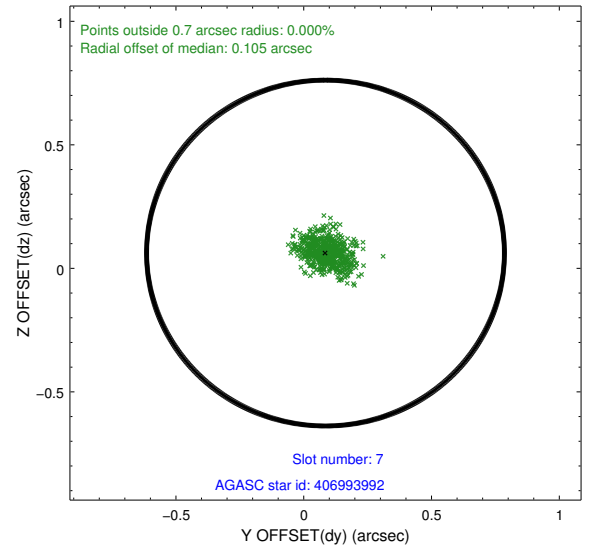
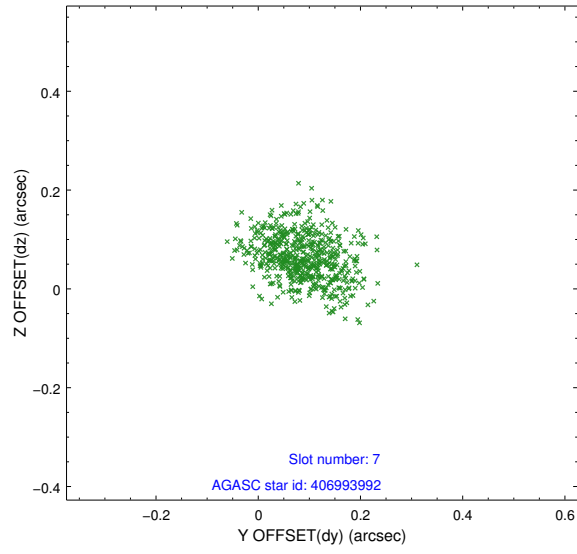
2.4.3 Slot 5



2.4.4 Slot 6

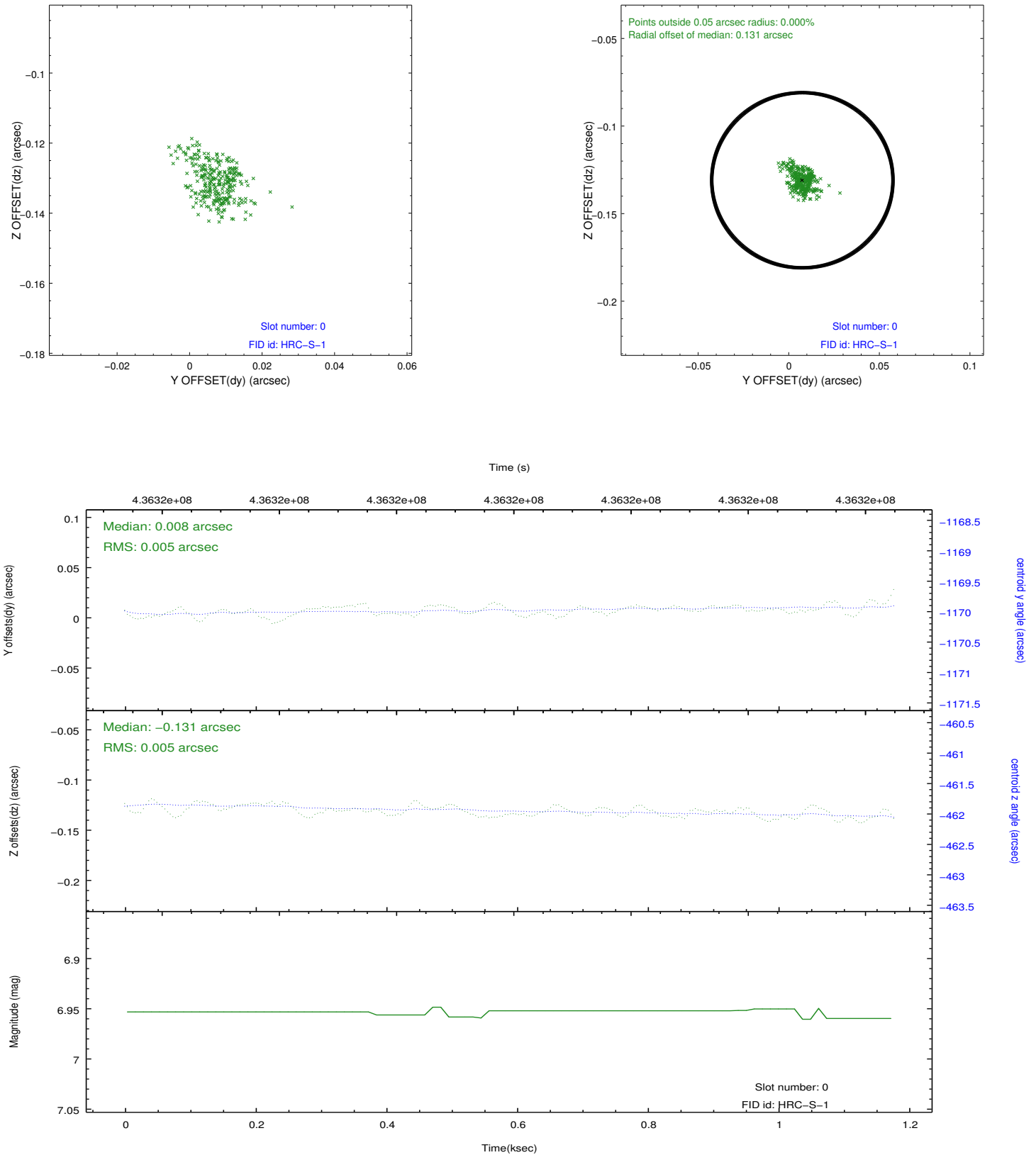


2.4.5 Slot 7

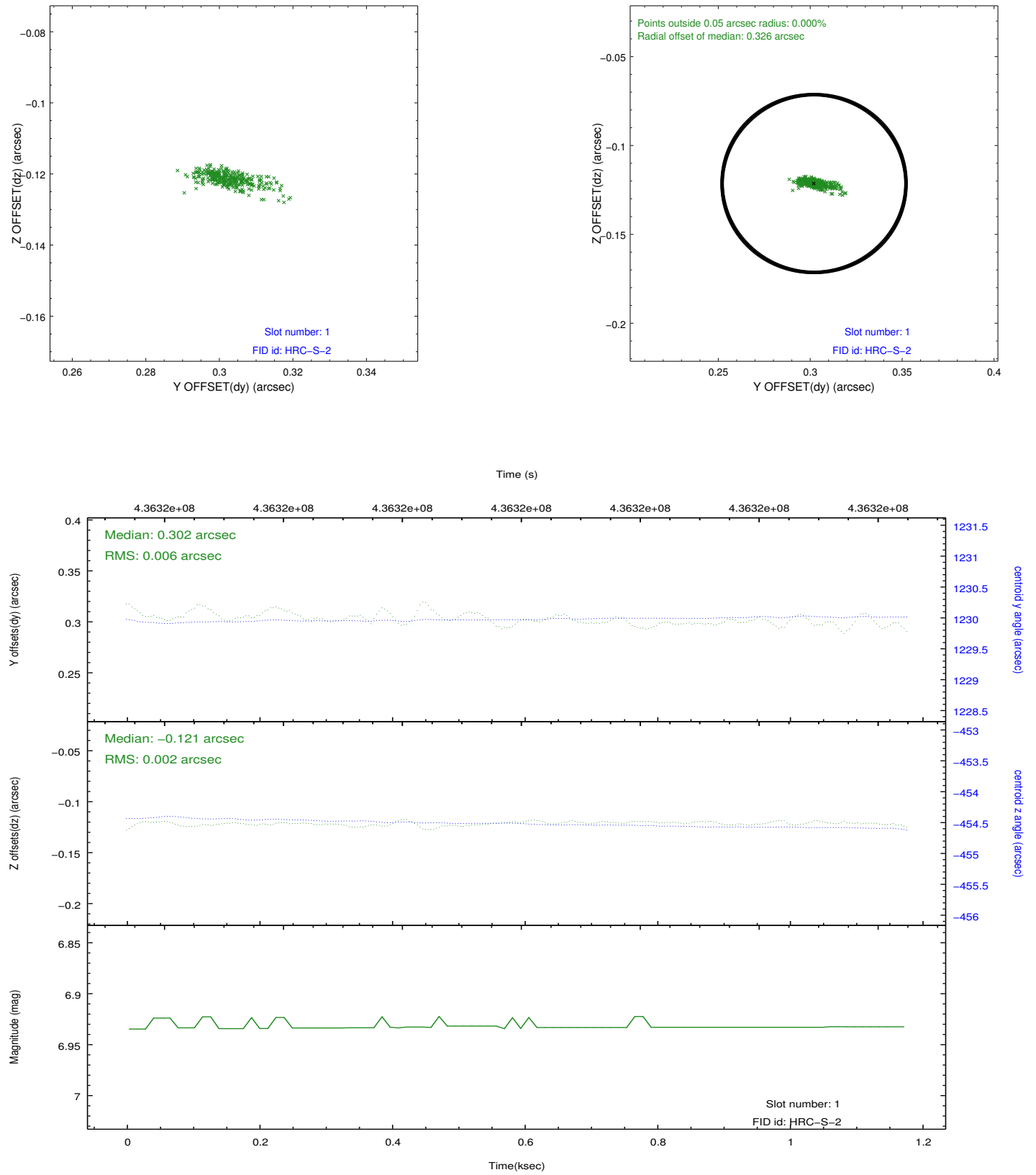


2.5 FID Slots

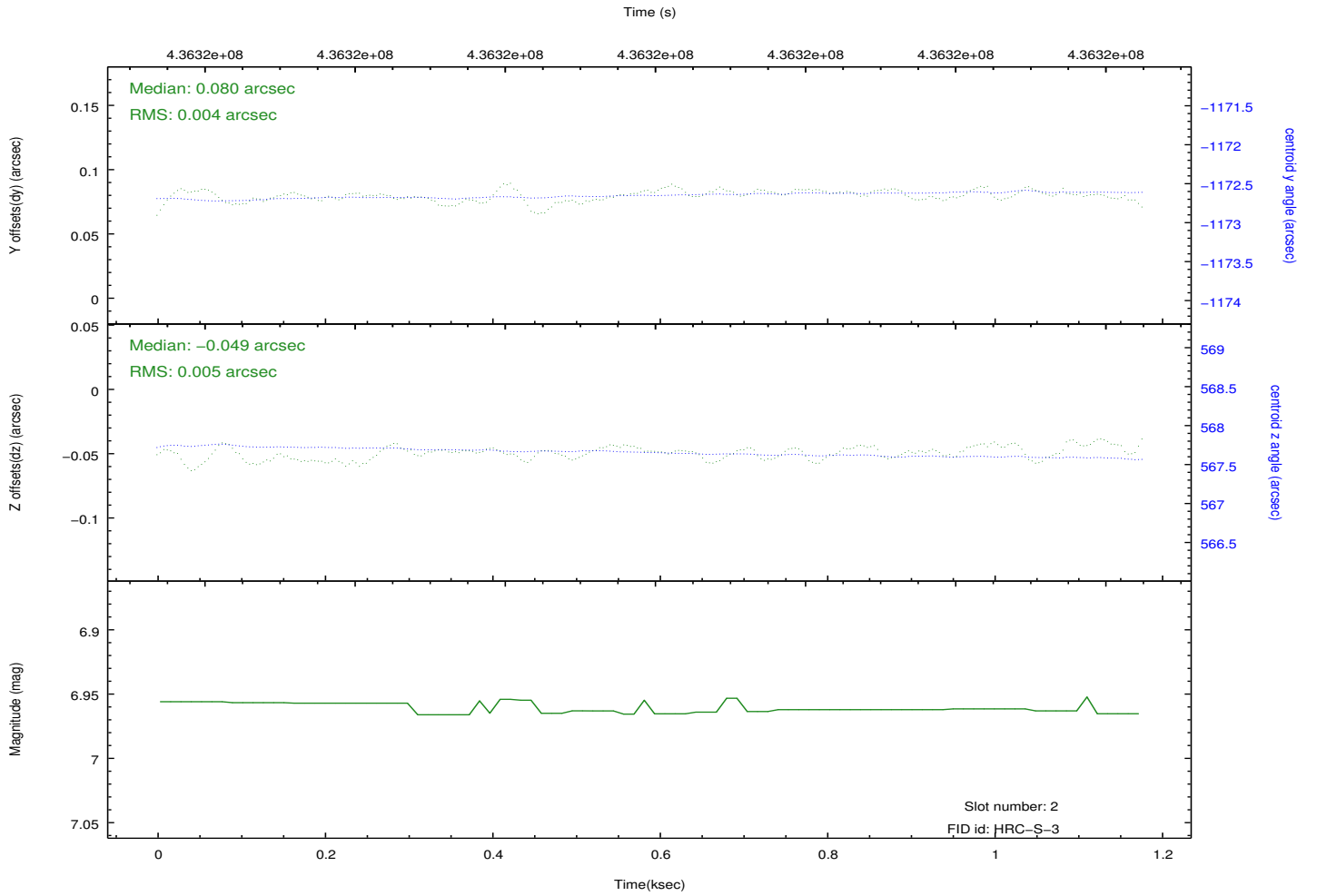
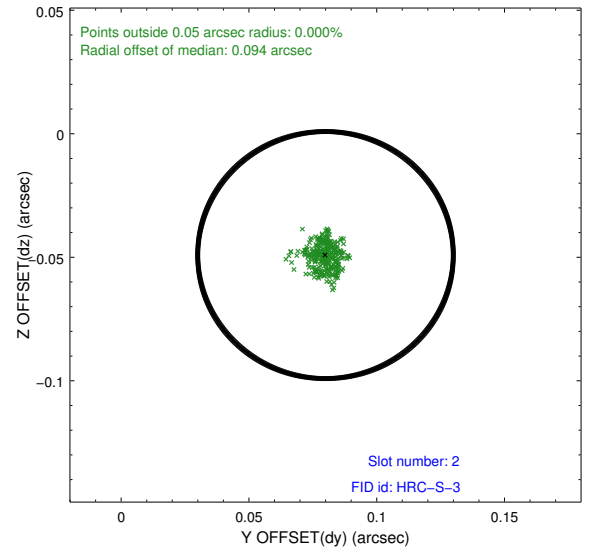
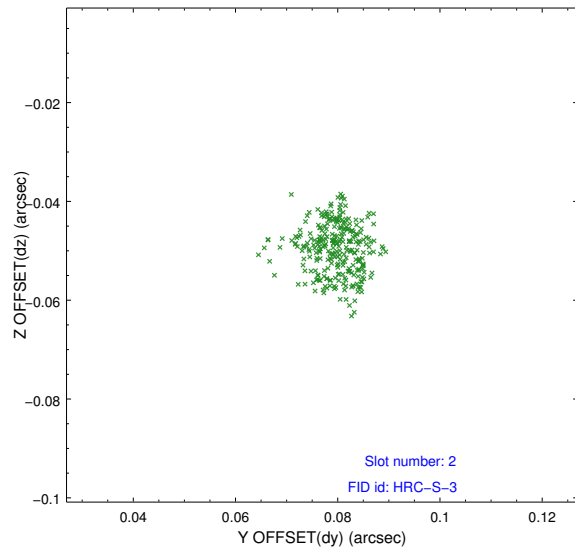
2.5.1 Slot 0



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	1.1779813121557

A.2 Comments

Window preference met.