

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6450 - L2 Version 3
Chandra X-Ray Center

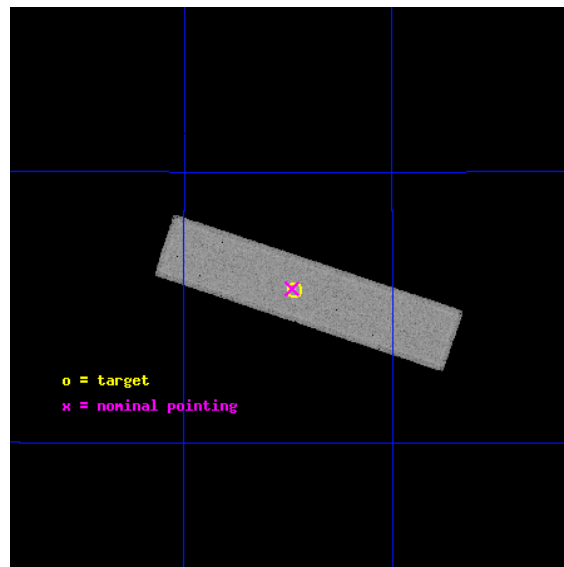
L2 Processing Date : Aug 10 2012

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

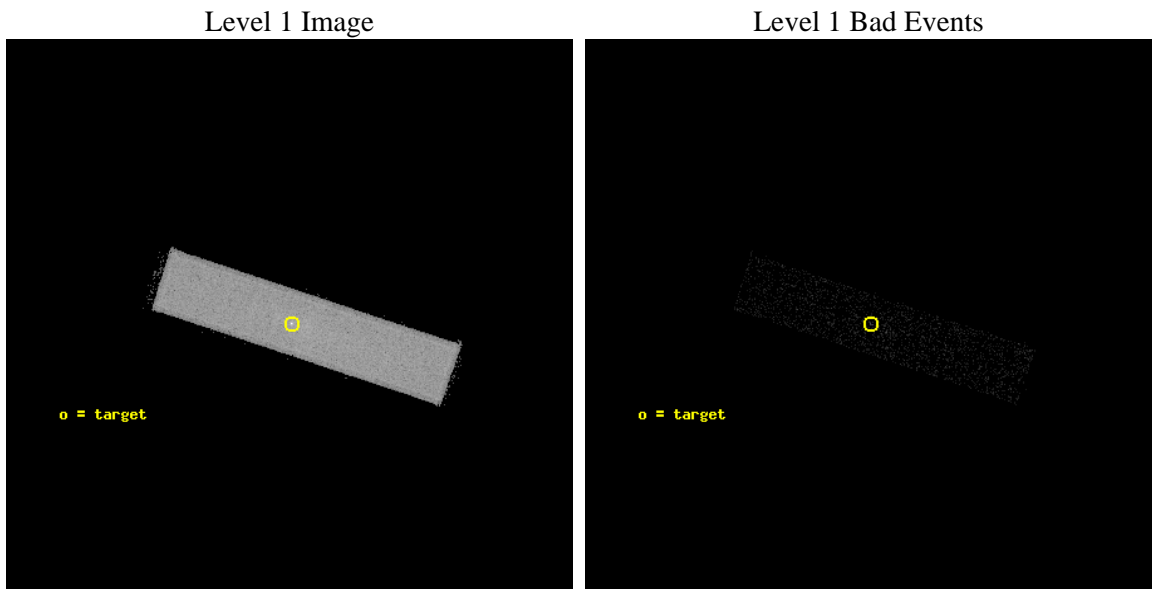
seq_num	290543	Sequence number
obs_id	6450	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24071989025	Nominal RA [deg]
dec_nom	38.785217833529	Nominal Dec [deg]
roll_nom	18.199336825946	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563497722	[s]
livetime	2138.2220824901	Ontime multiplied by DTCOR
l2events	97208	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2152.7563497722	[s]
caldbver	4.5.1.1	 	l1events	129507	Number of level 1 events
date	2012-08-10T23:17:36	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

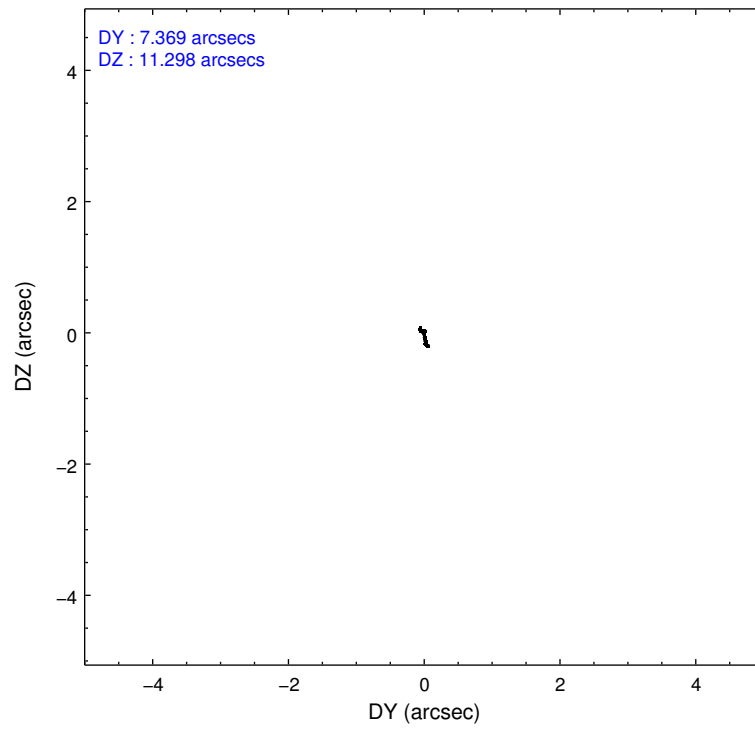
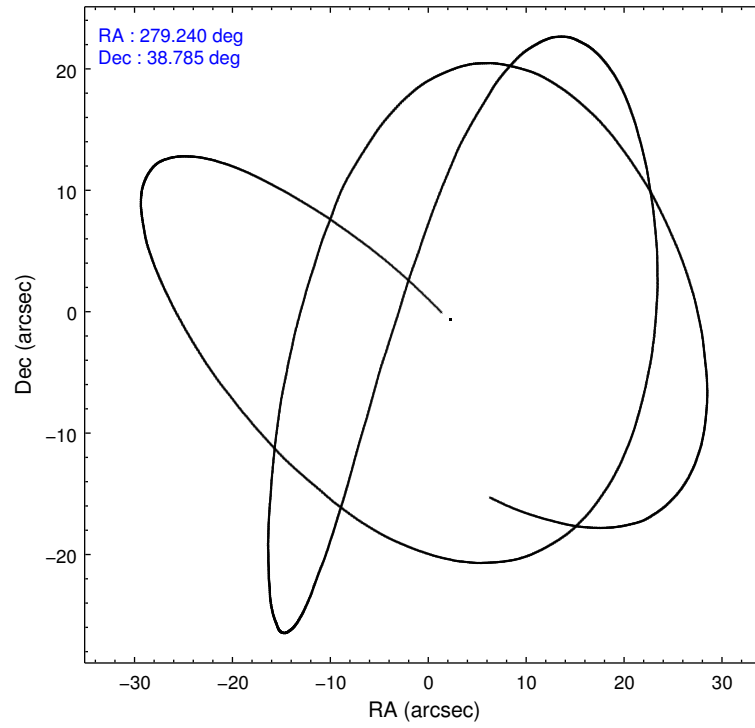
Level 1 Events

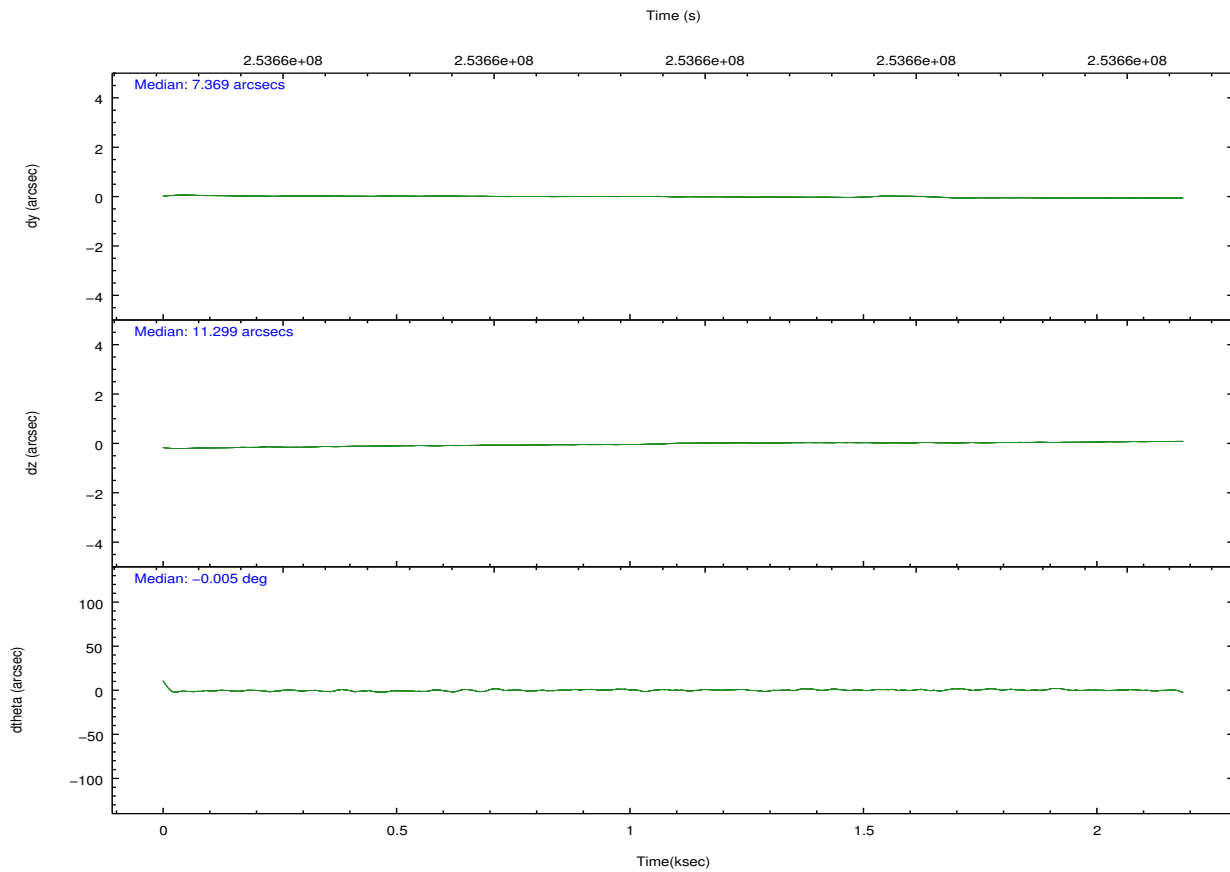
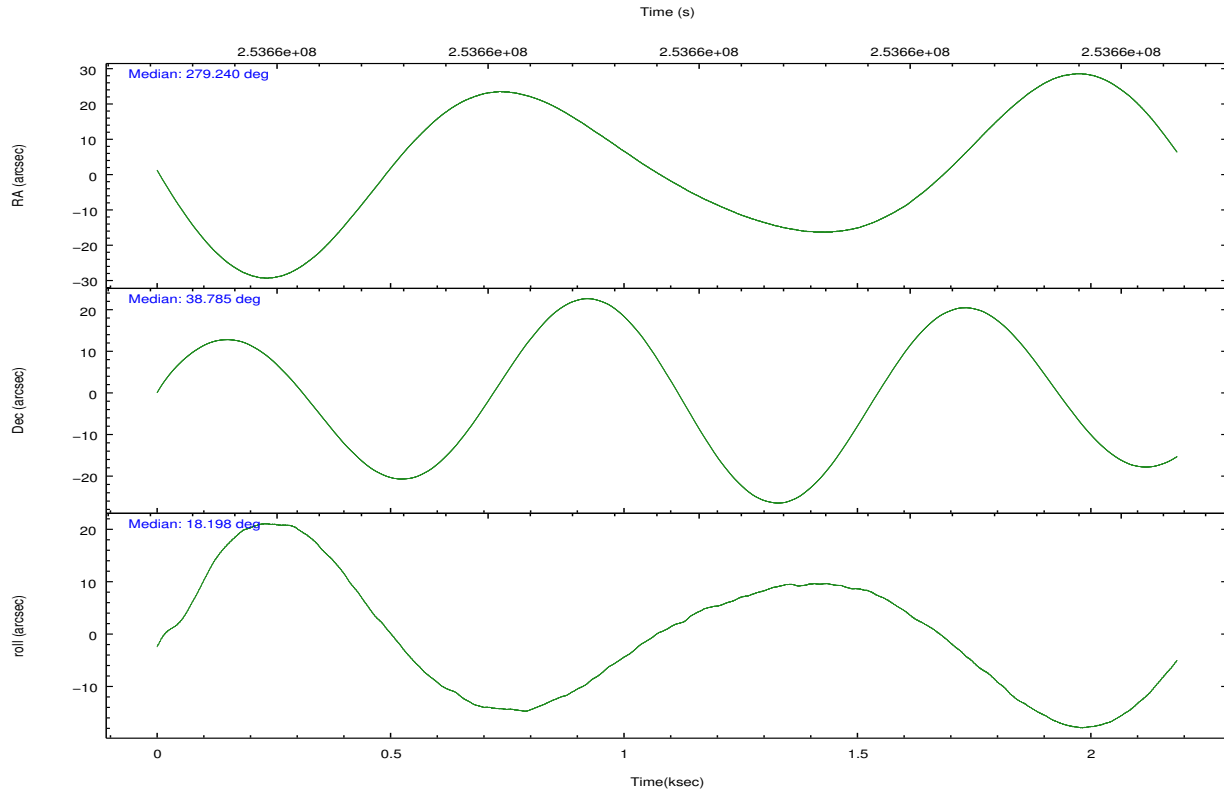
	segment 1	segment 2	segment 3
level 1 events	0	129507	0
rejected events	0	9290	0
rejected %	0%	7%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.217697	279.2407198902456			
[deg] Pointing Dec	38.762863	38.78521783352861			
[deg] Pointing Roll	18.146429	18.19933682594642			
[s] Window start time (MET)	247190464.184000	247190464.184000			
[s] Window stop time (MET)	255052865.184000	255052865.184000			
[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)	253659514.184000	253659137.53398			
Observation start date	2006-01-14T20:57:29	2006-01-14T20:52:17			
[s] Observation end time (MET)	253661514.184000	253661647.2466			
Observation end date	2006-01-14T21:30:49	2006-01-14T21:34:07			

2.3 Aspect





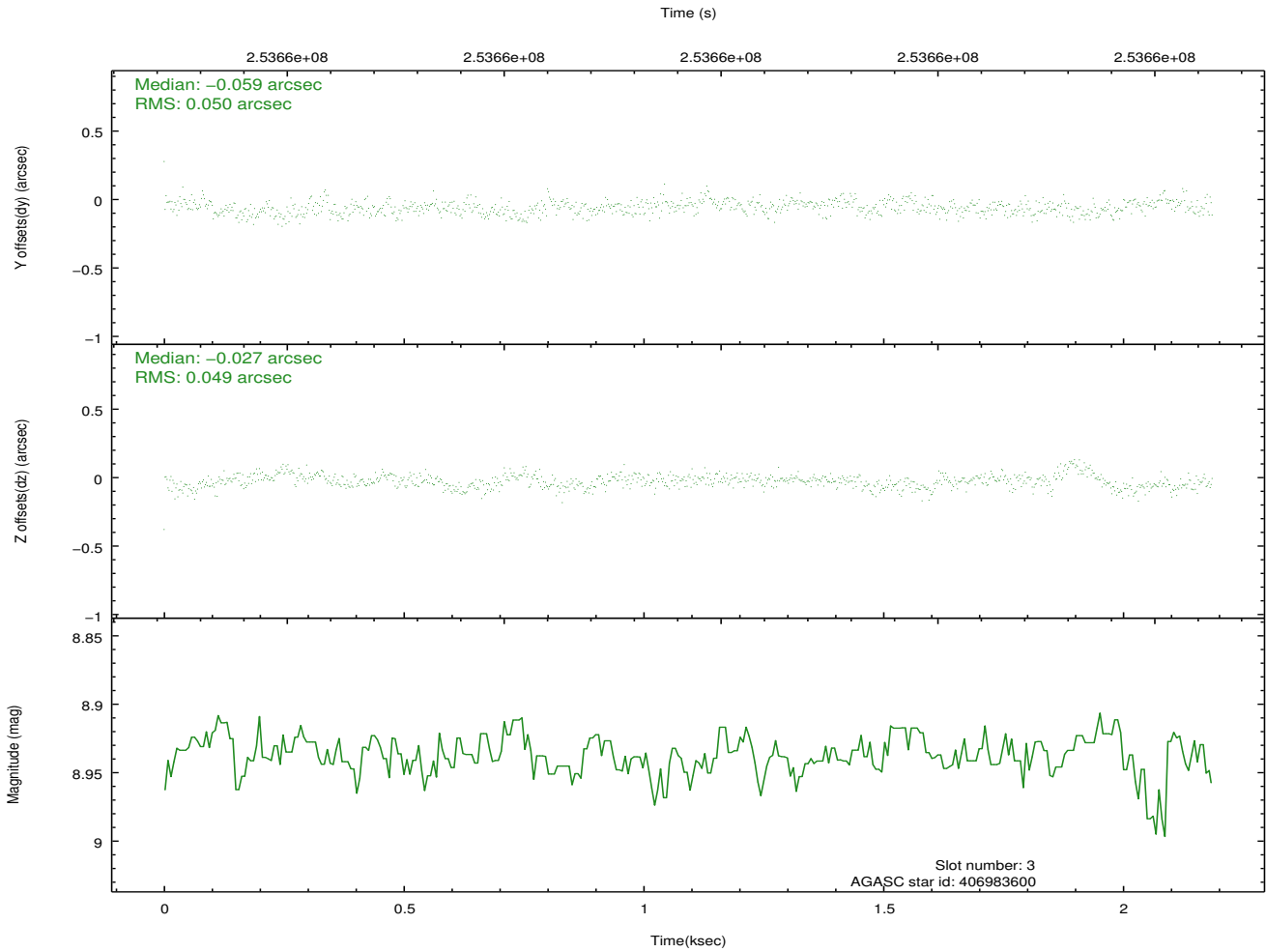
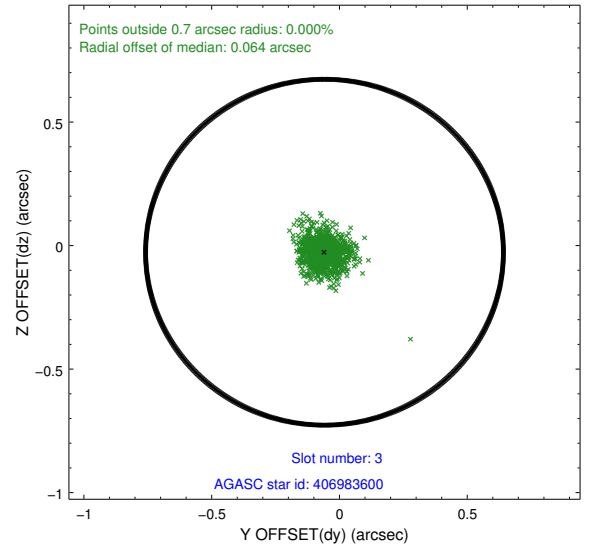
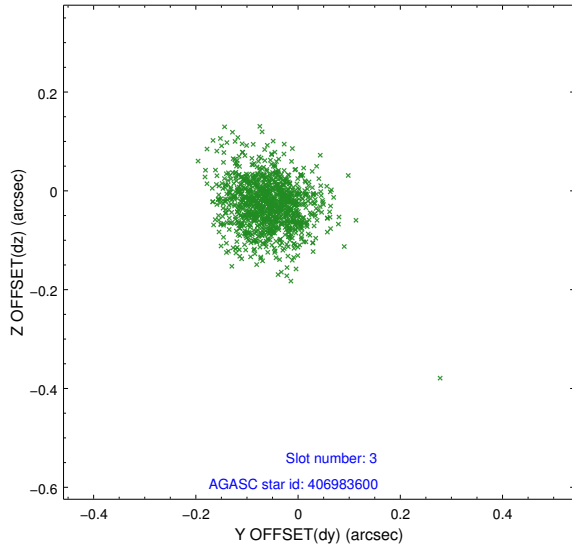
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	533	0.059	-0.136	0.004	0.007	0.000000	0.000000	-1161.56	-459.99
1	FID	HRC-S-2	7.01	533	0.130	-0.168	0.008	0.012	0.000000	0.000000	1235.99	-453.46
2	FID	HRC-S-4	6.97	533	0.214	0.000	0.007	0.011	0.000000	0.000000	1239.13	571.44
3	GUIDE	406983600	8.94	1067	-0.059	-0.027	0.071	0.122	279.940957	39.020708	2214.32	258.75
4	GUIDE	406985120	7.43	1067	-0.077	-0.073	0.072	0.127	278.839732	38.894839	-855.54	783.23
5	GUIDE	406987272	6.93	1067	0.064	0.086	0.055	0.088	278.536588	38.437504	-2188.29	-507.31
6	GUIDE	407521232	8.65	1066	0.004	-0.013	0.070	0.114	279.628883	39.431715	1835.33	1933.76
7	GUIDE	406993992	7.62	1066	0.064	0.035	0.069	0.114	279.053714	38.034587	-1256.10	-2344.91

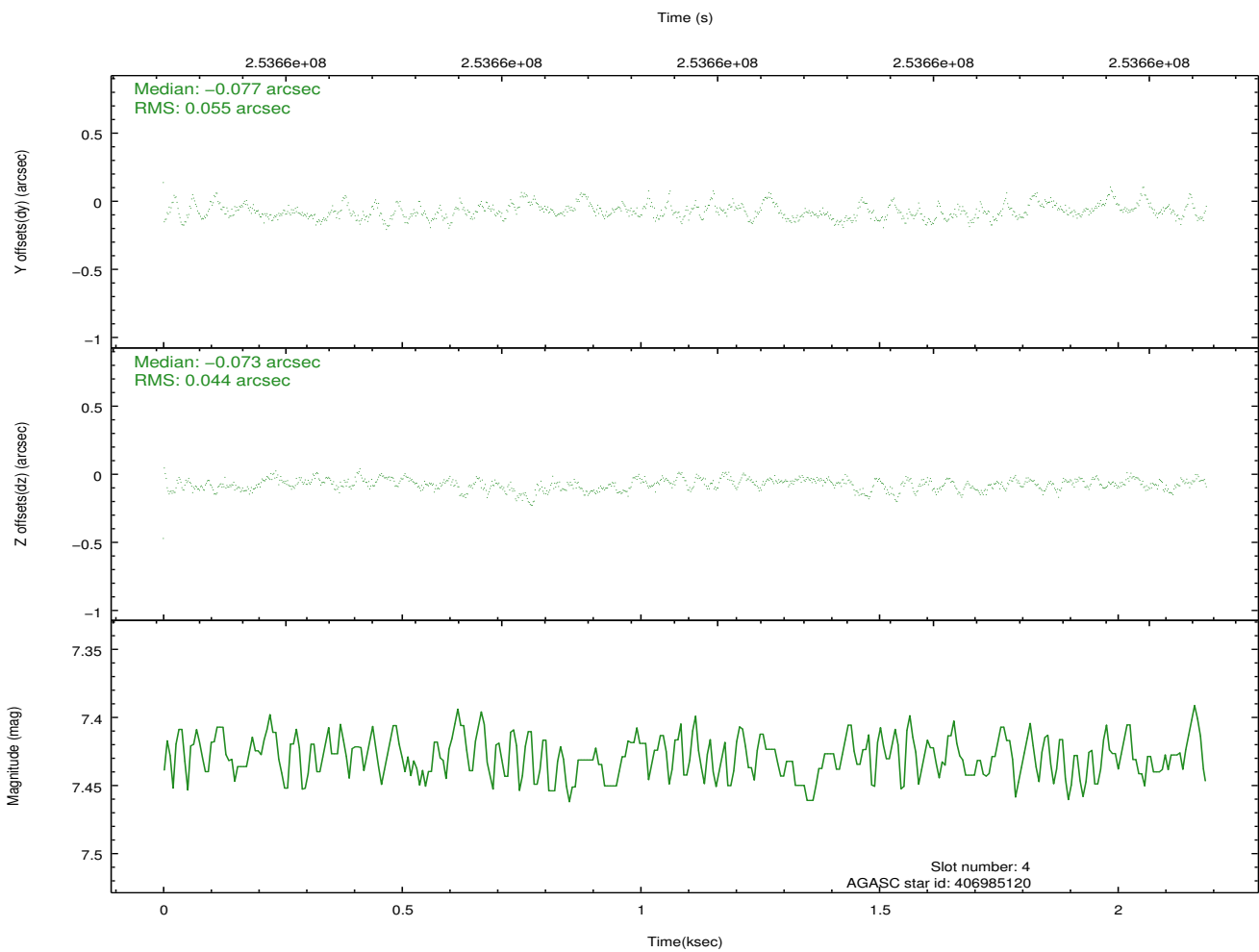
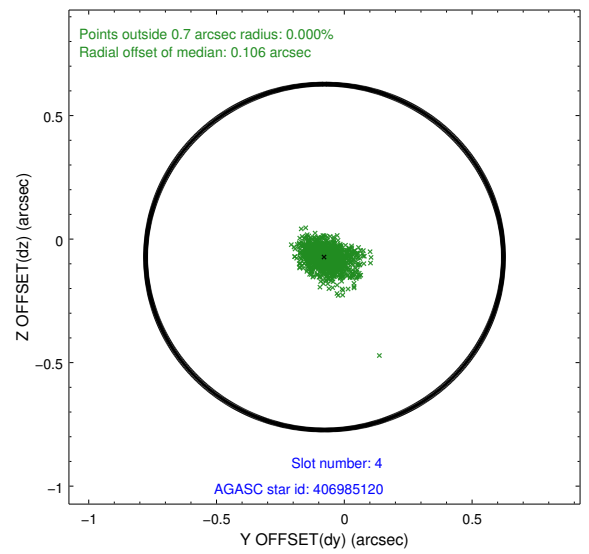
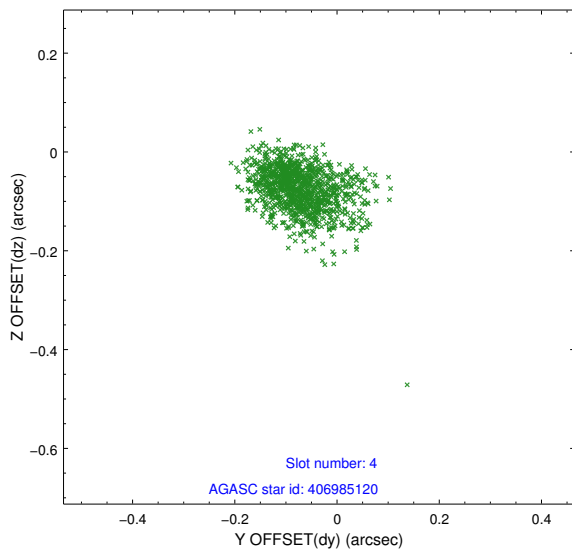
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2.4 Star Slots

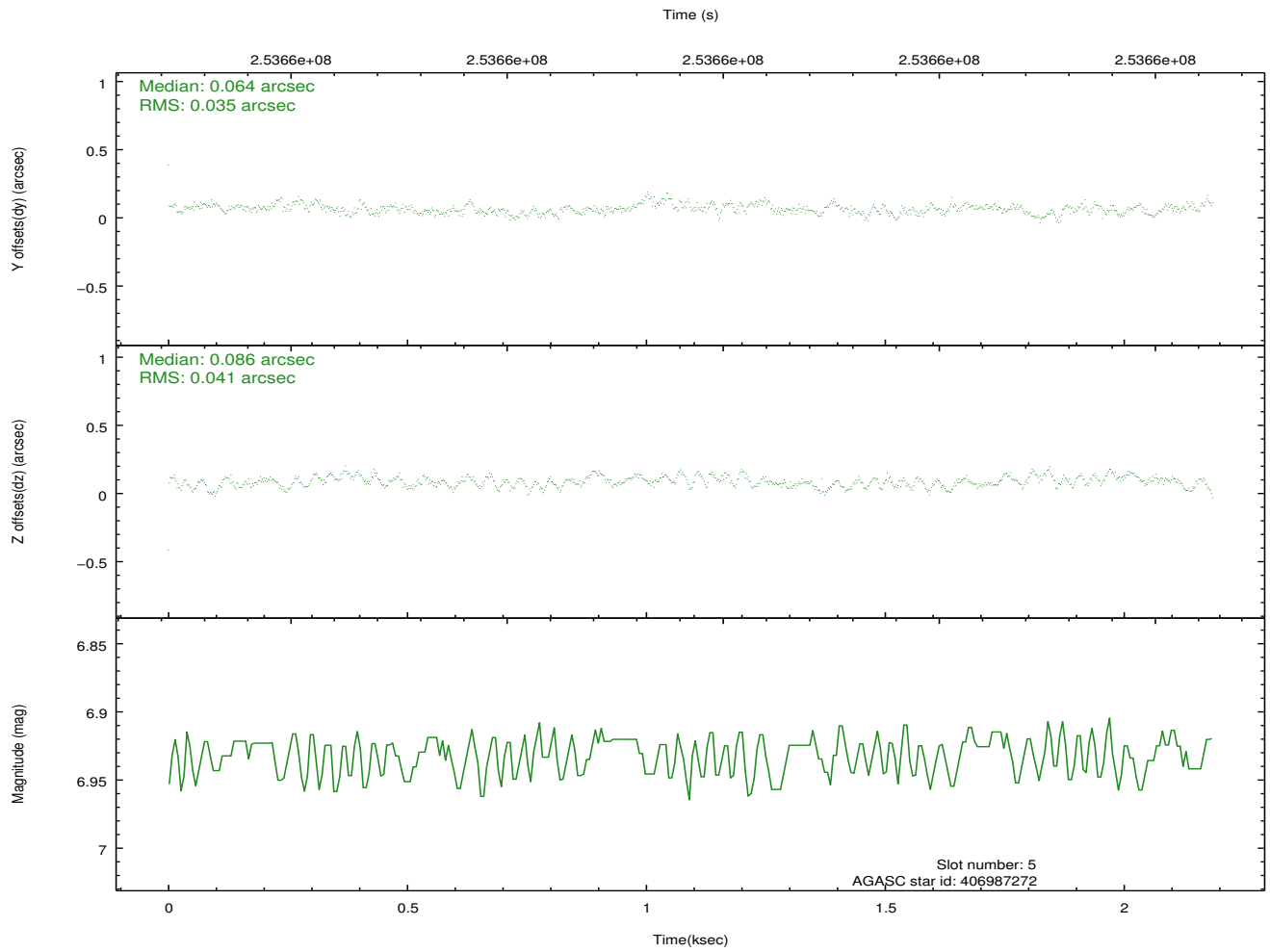
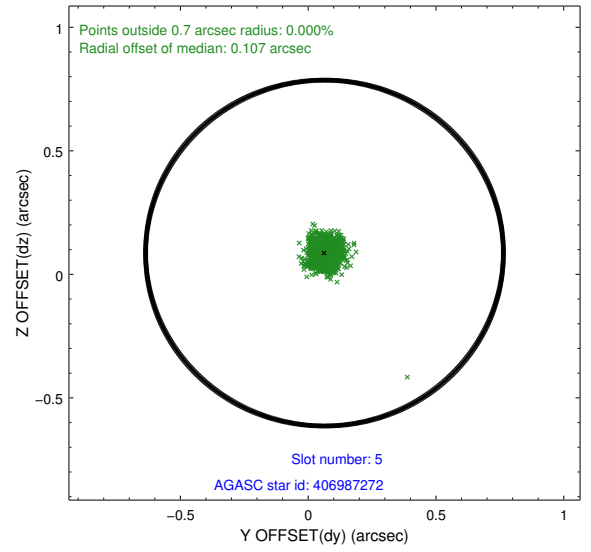
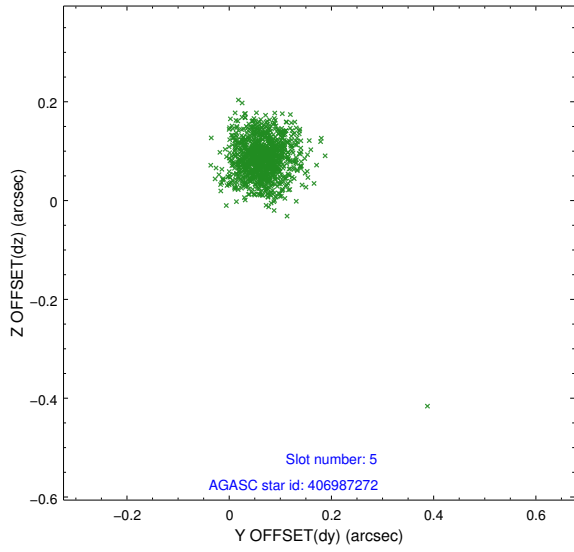
2.4.1 Slot 3



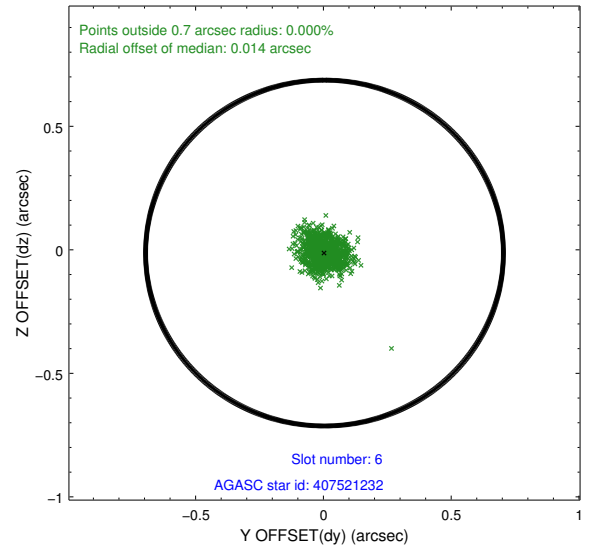
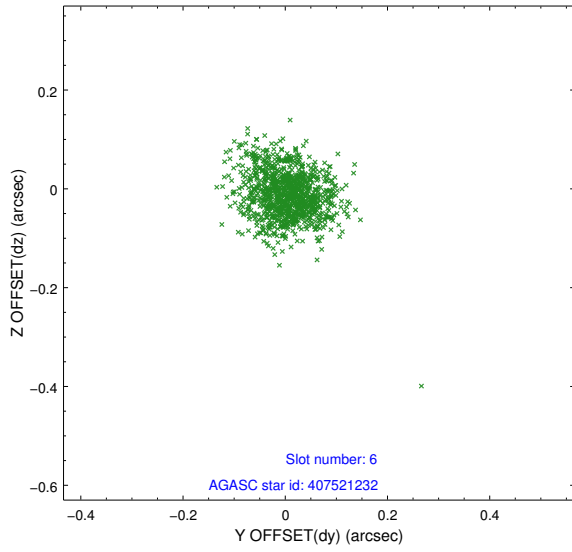
2.4.2 Slot 4



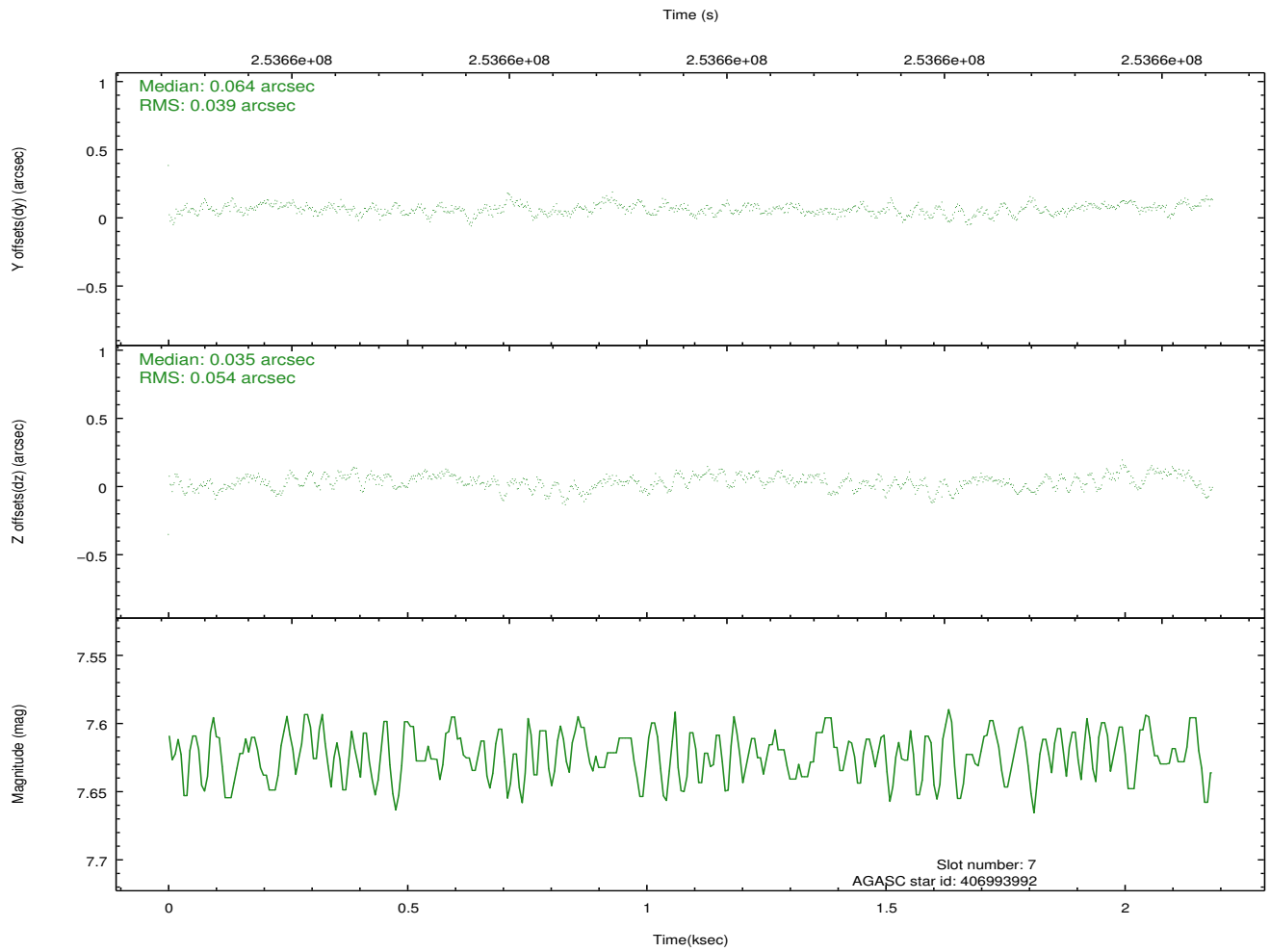
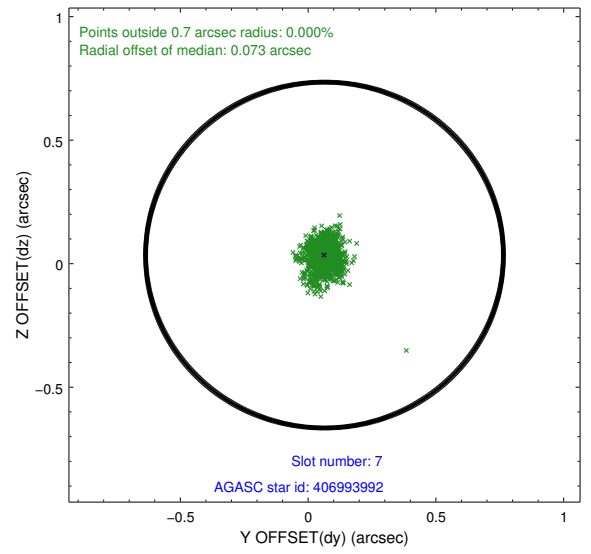
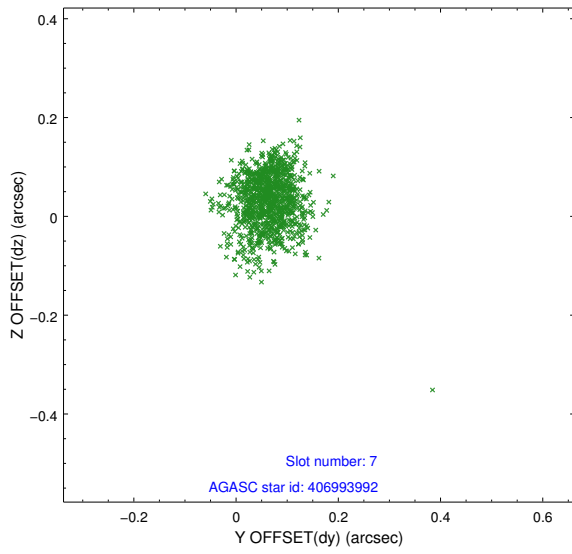
2.4.3 Slot 5



2.4.4 Slot 6

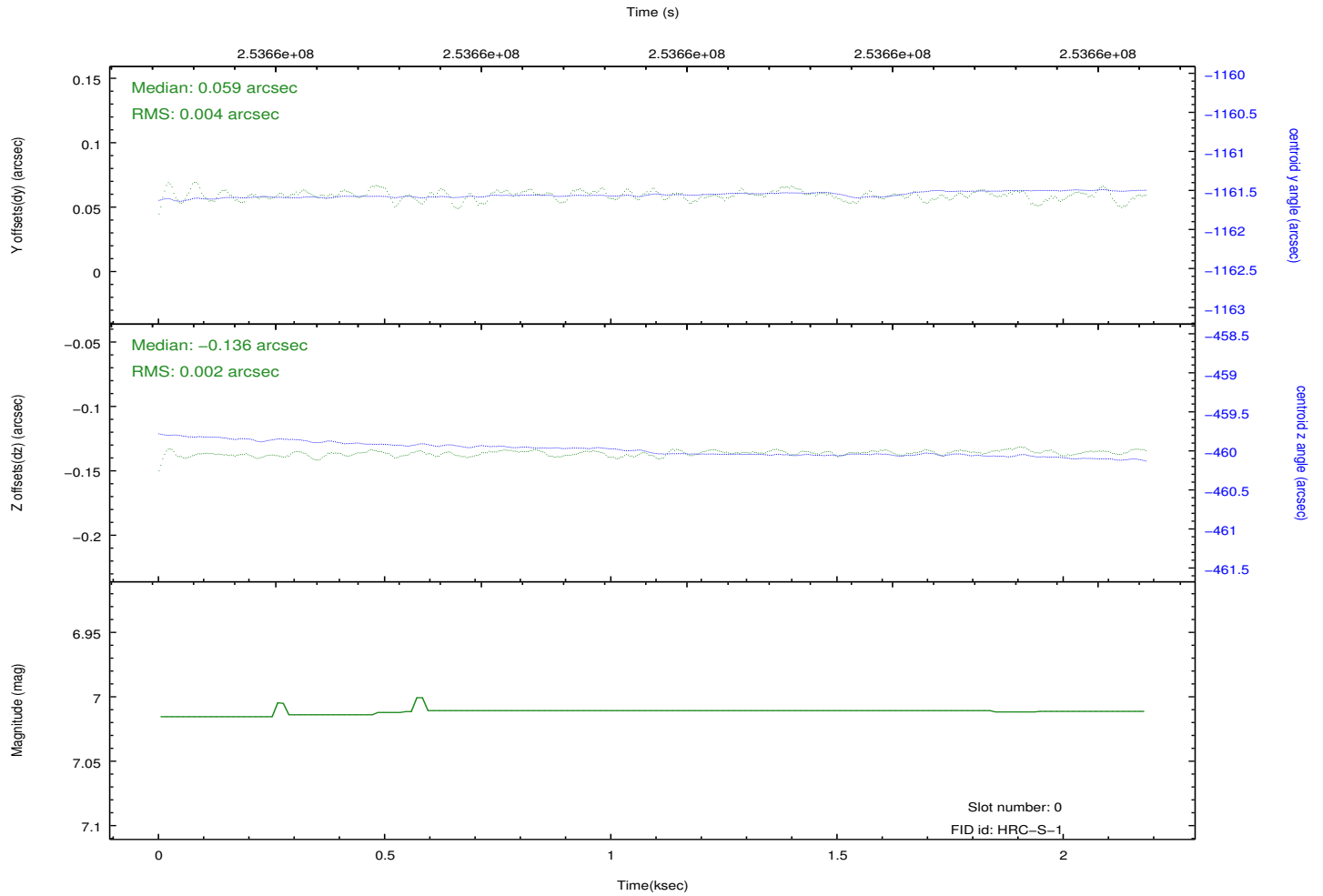
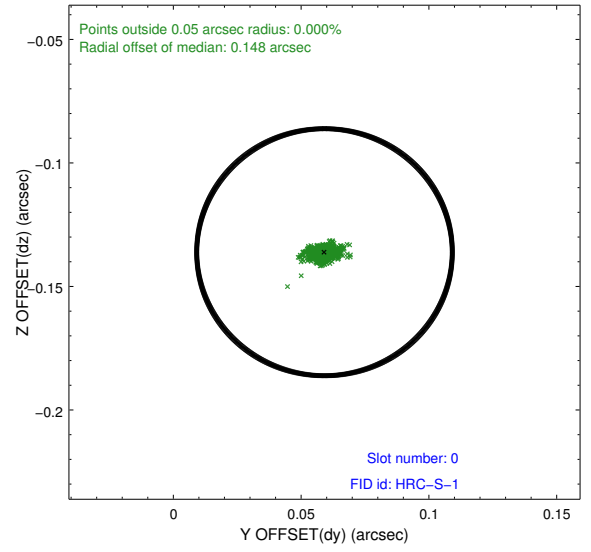
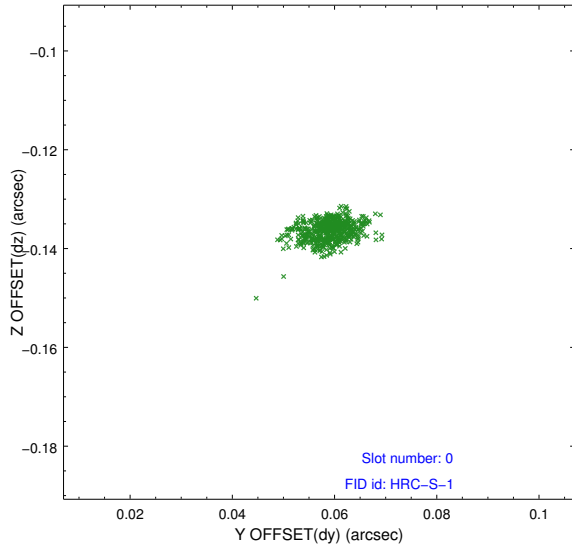


2.4.5 Slot 7

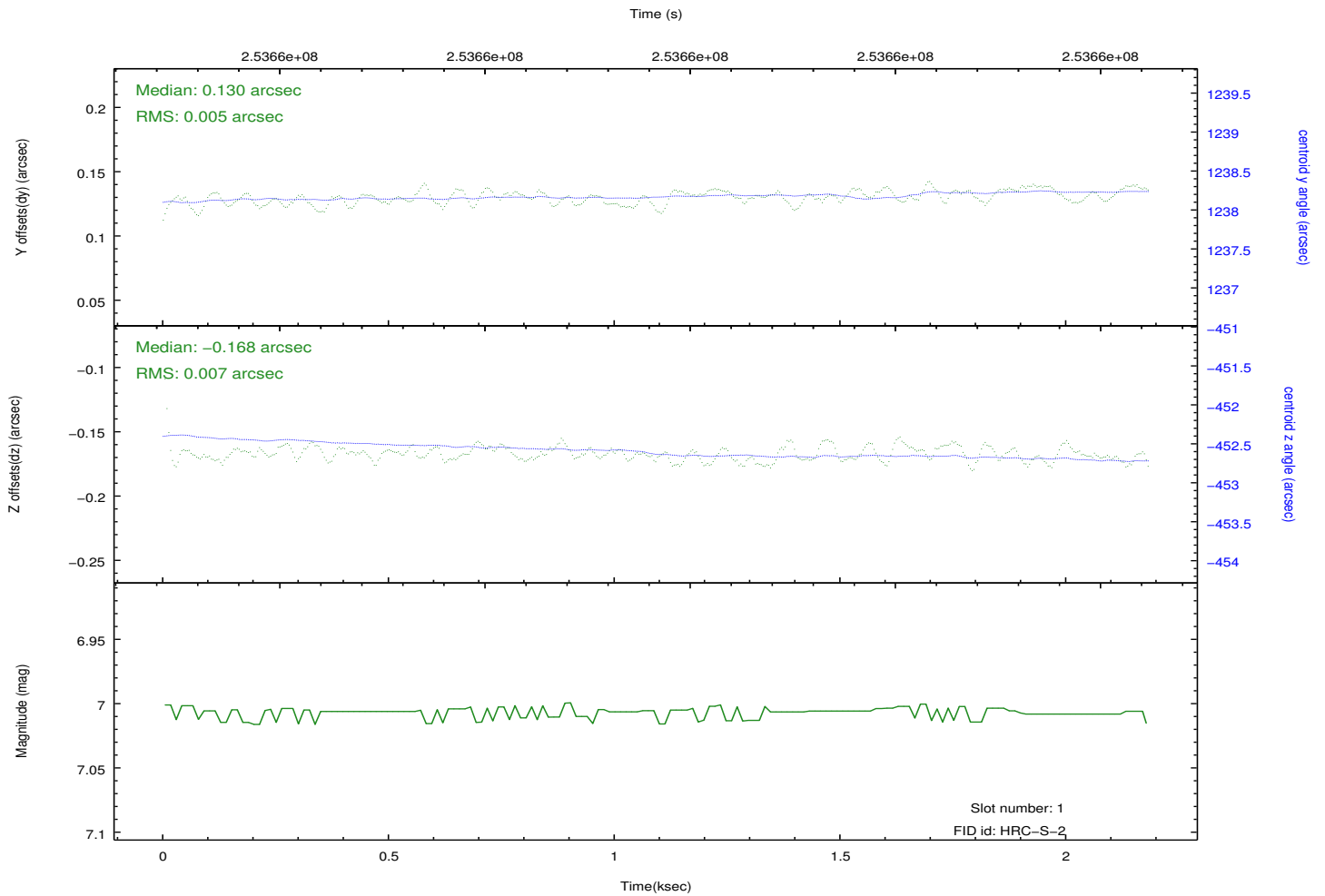
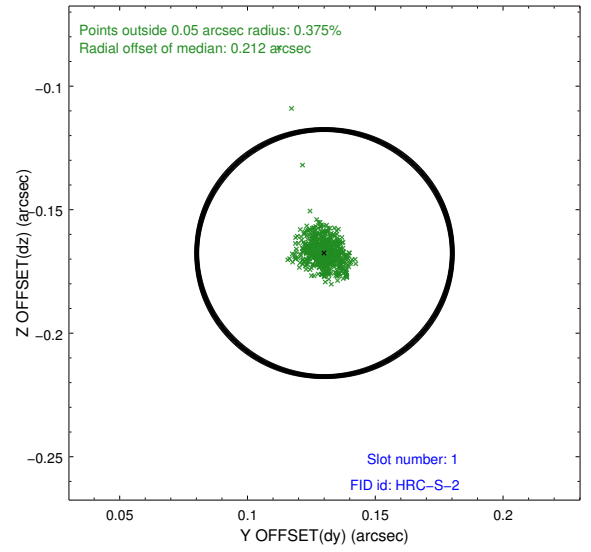
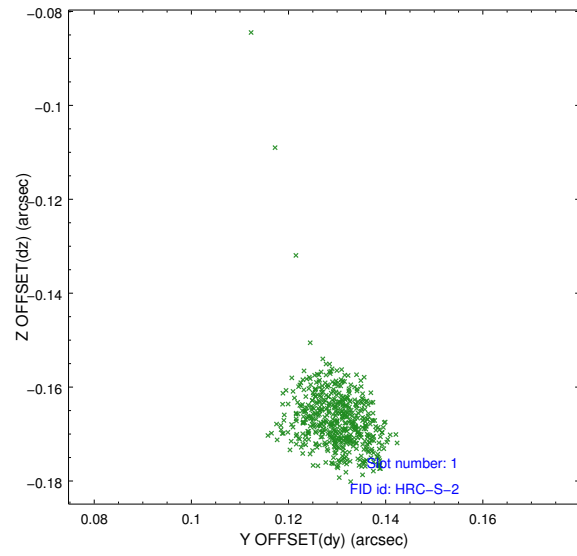


2.5 FID Slots

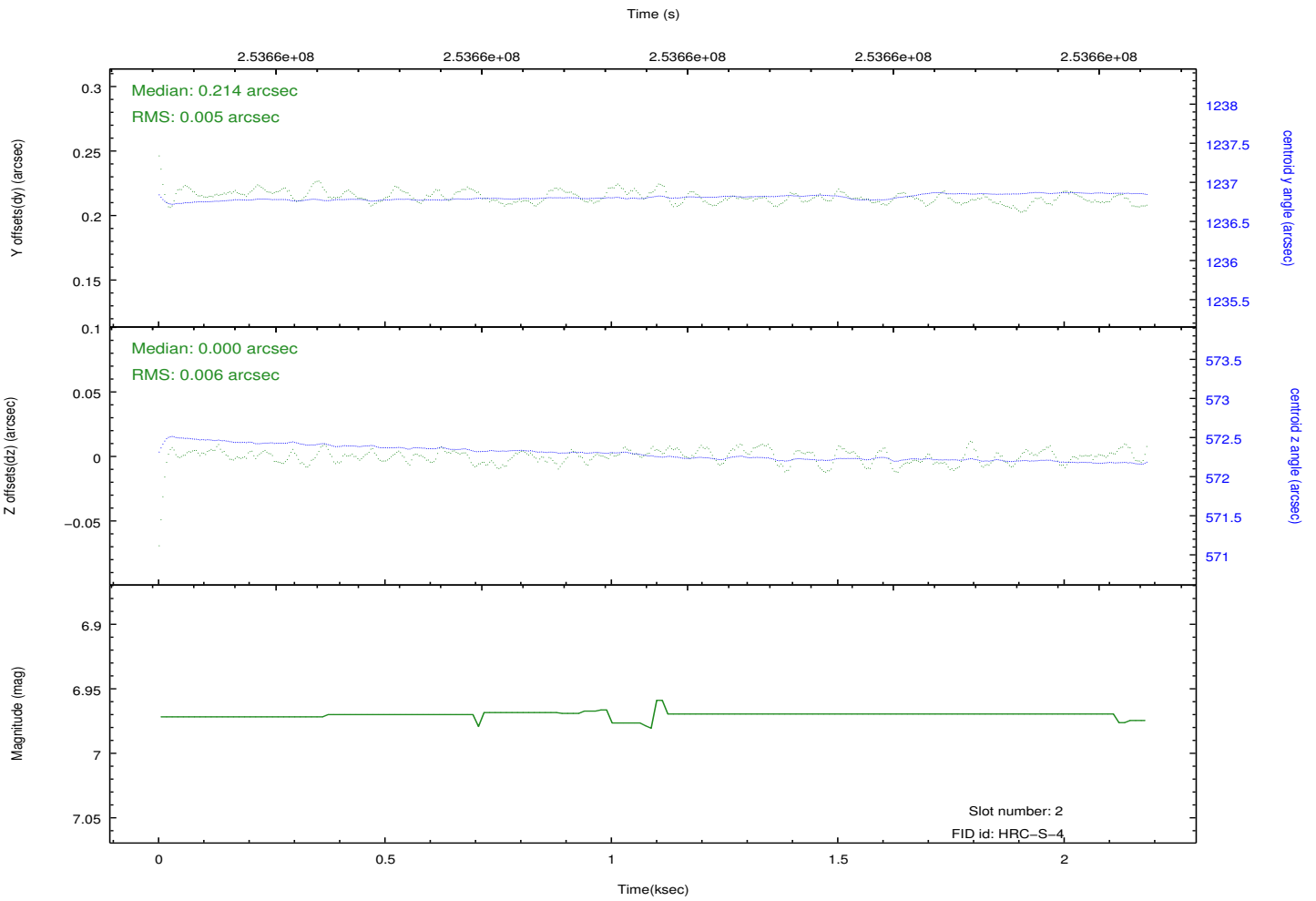
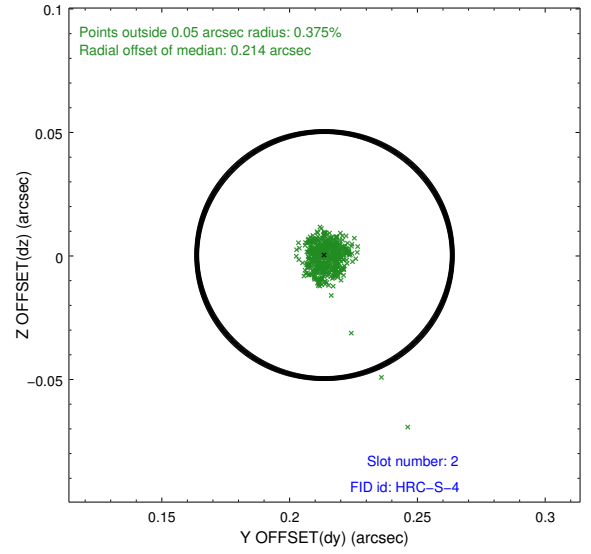
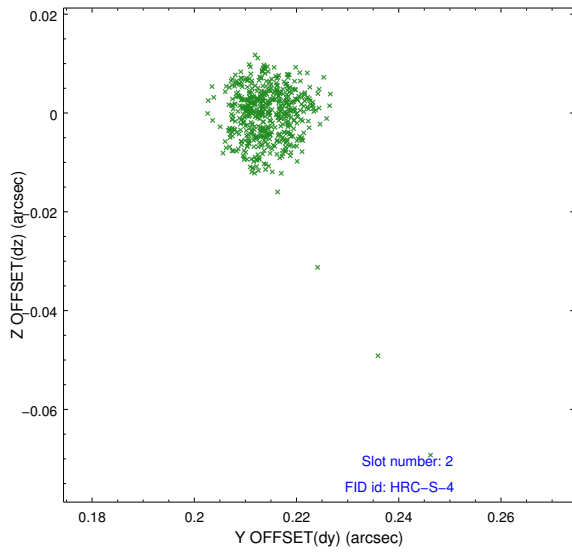
2.5.1 Slot 0



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	2.15275634

A.2 Comments

Window constraint met.