

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6467 - L2 Version 3
Chandra X-Ray Center

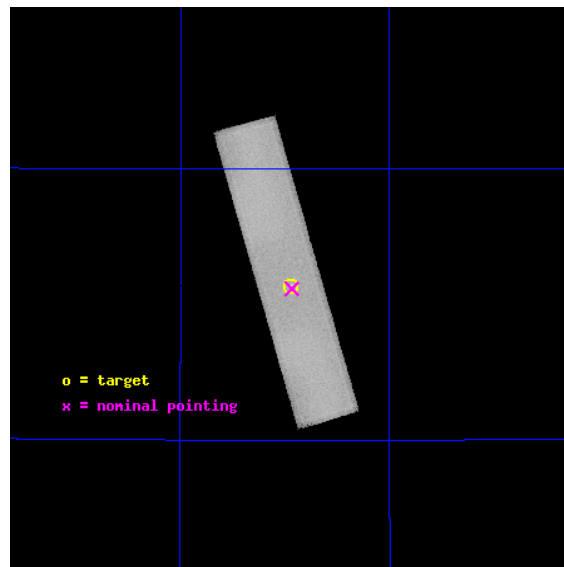
L2 Processing Date : Aug 11 2012

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1 Front

seq_num	290560	Sequence number
obs_id	6467	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	279.23335177623	Nominal RA [deg]
dec_nom	38.779261372398	Nominal Dec [deg]
roll_nom	253.80648804798	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563512325	[s]
livetime	2123.4029948374	Ontime multiplied by DTCOR
l2events	222791	Number of level 2 events

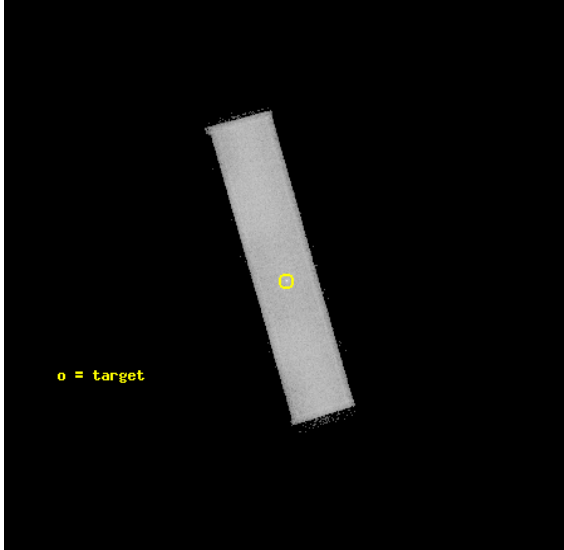


2 OBI

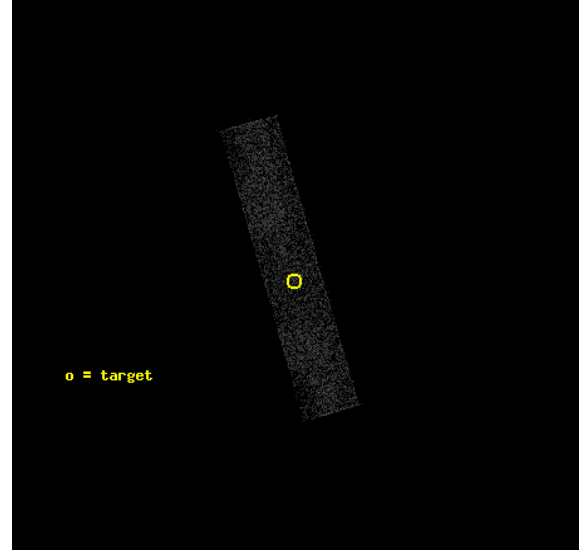
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



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	2152.7563512325	[s]
caldsver	4.5.1.1	 	l1events	272368	Number of level 1 events
date	2012-08-11T10:13:18	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

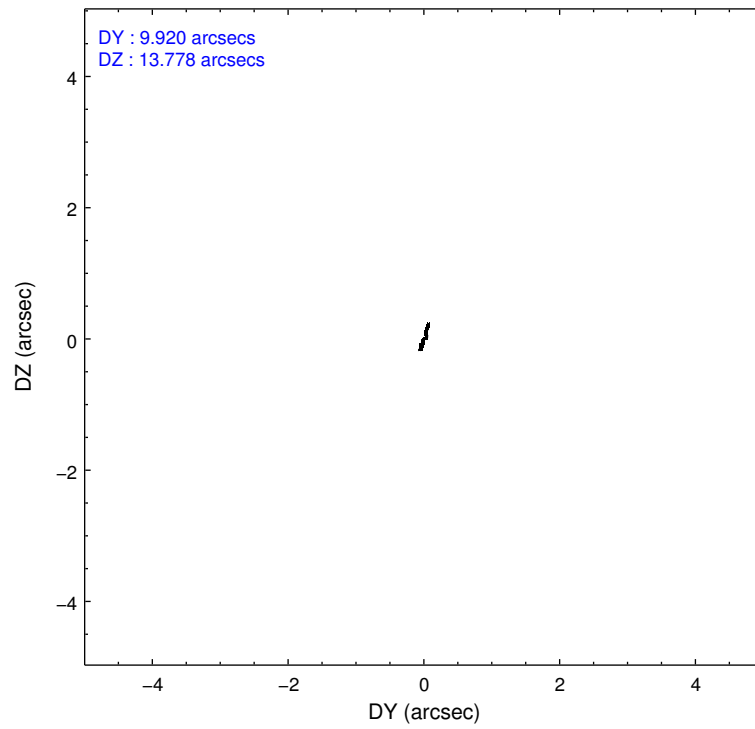
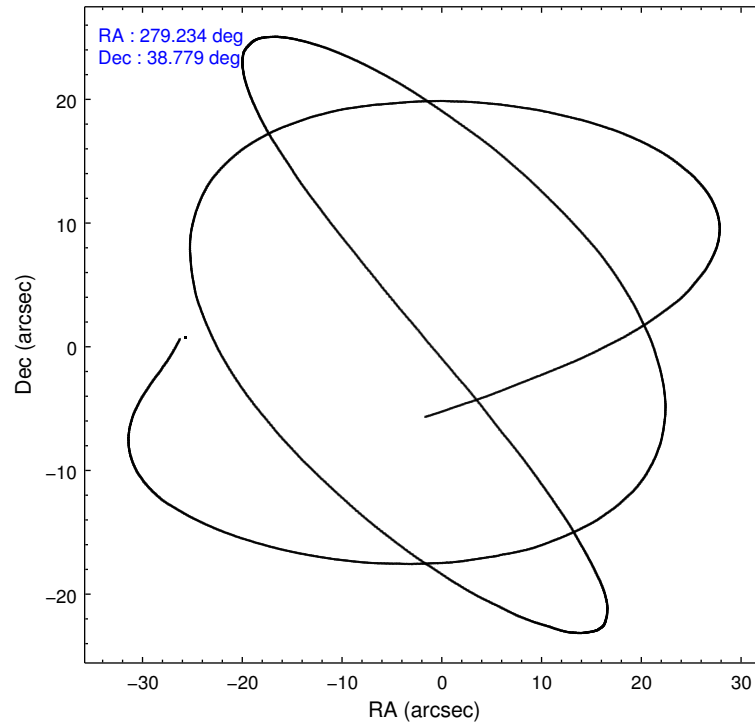
Level 1 Events

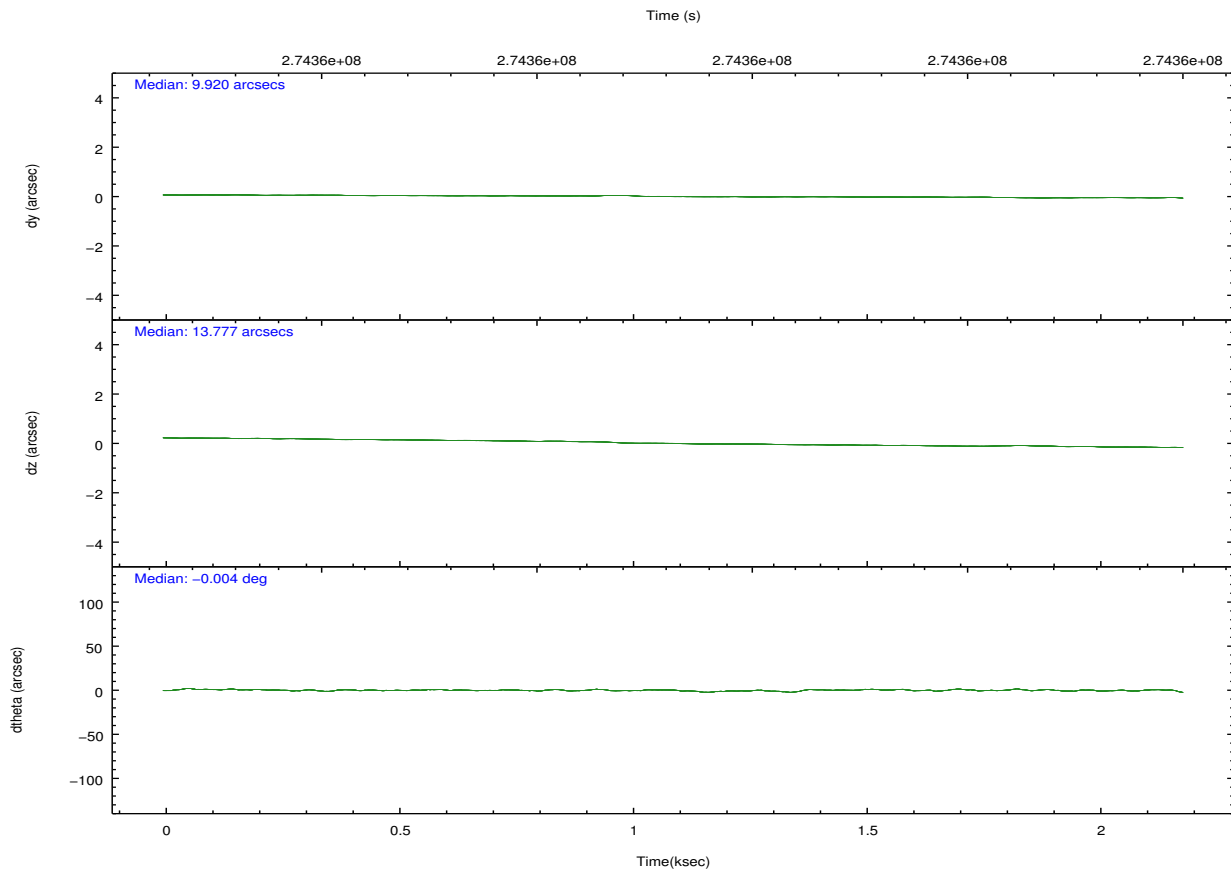
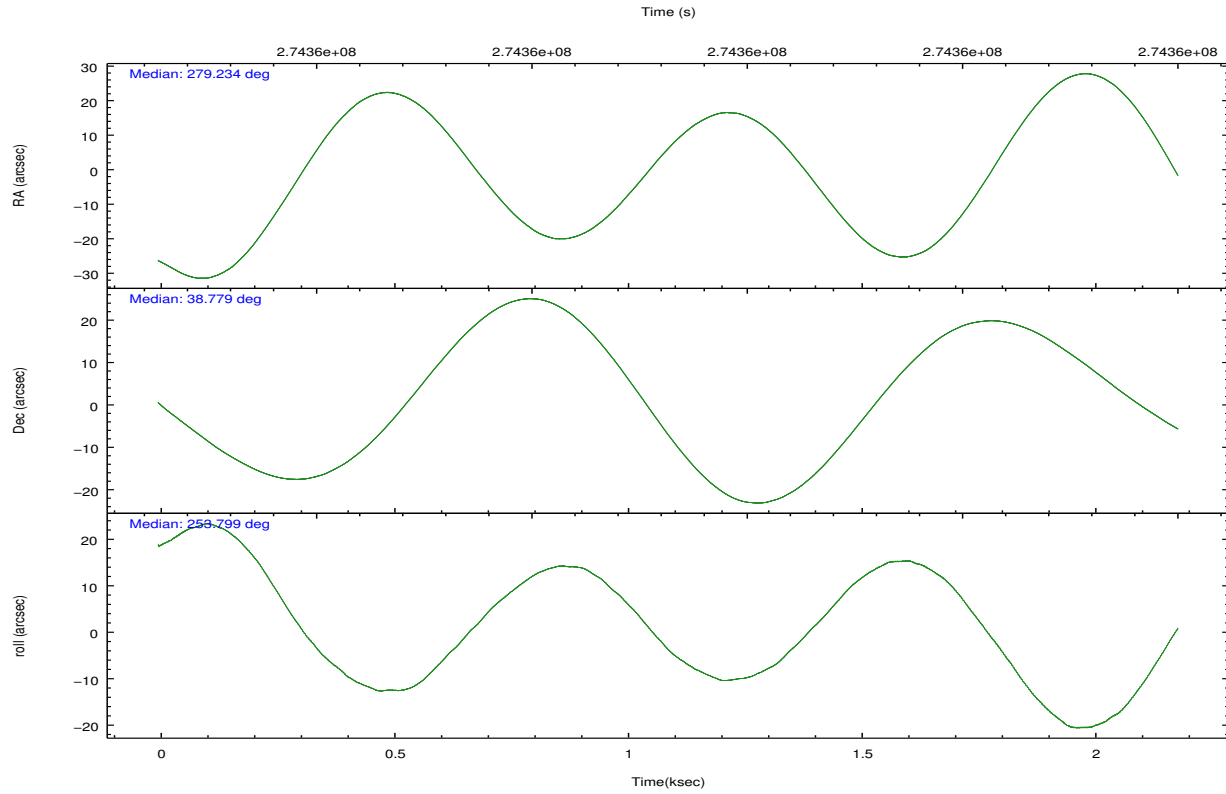
	segment 1	segment 2	segment 3
level 1 events	0	272368	0
rejected events	0	23796	0
rejected %	0%	8%	0%

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	279.222652	279.2333517762268			
[deg] Pointing Dec	38.806724	38.77926137239794			
[deg] Pointing Roll	253.745861	253.8064880479819			
[s] Window start time (MET)	270777665.184000	270777665.184000			
[s] Window stop time (MET)	275961665.184000	275961665.184000			
[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)	274361904.184000	274361528.85033			
Observation start date	2006-09-11T11:37:19	2006-09-11T11:32:08			
[s] Observation end time (MET)	274363904.184000	274364037.53795			
Observation end date	2006-09-11T12:10:39	2006-09-11T12:13:57			

2.3 Aspect



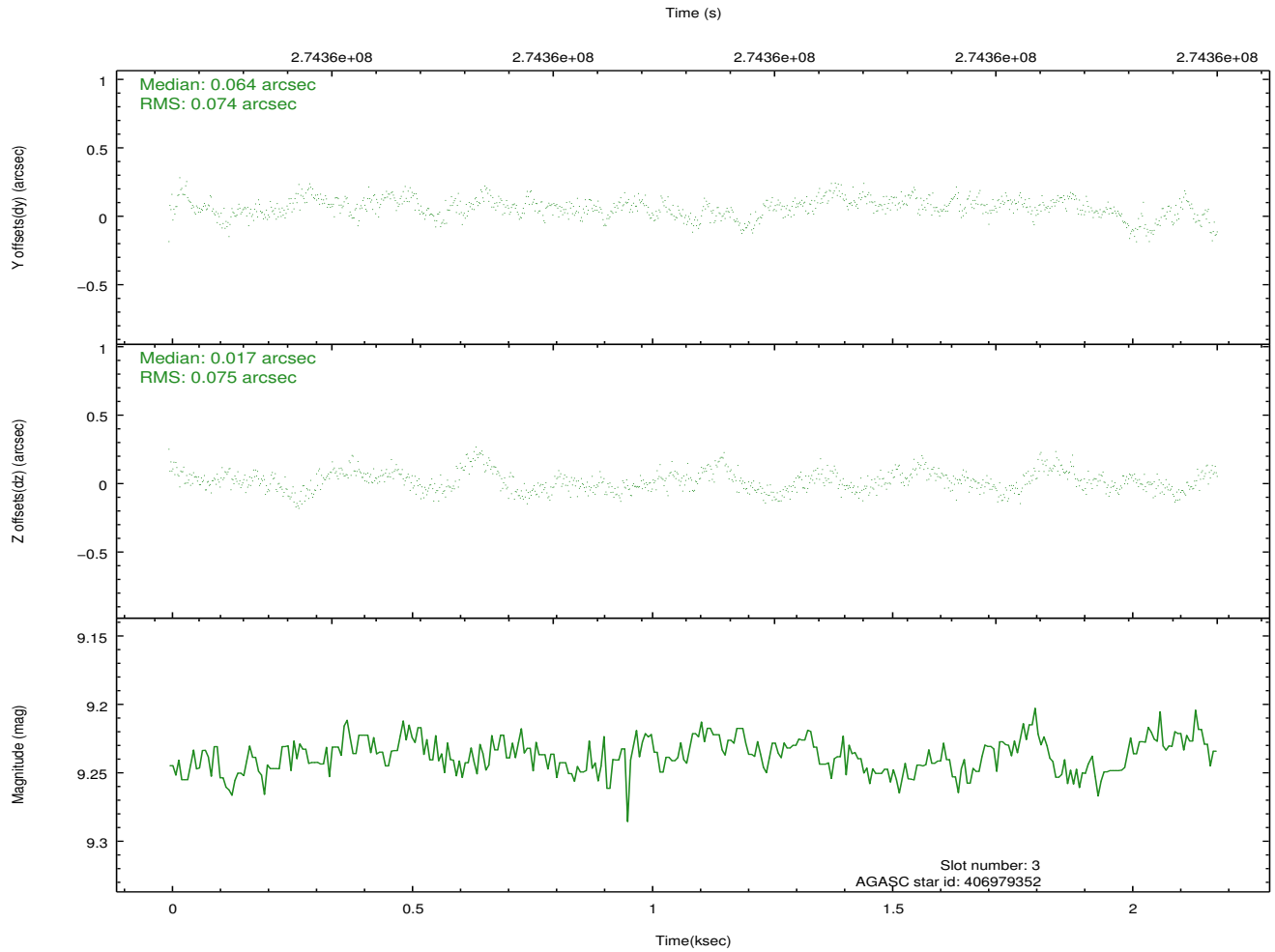
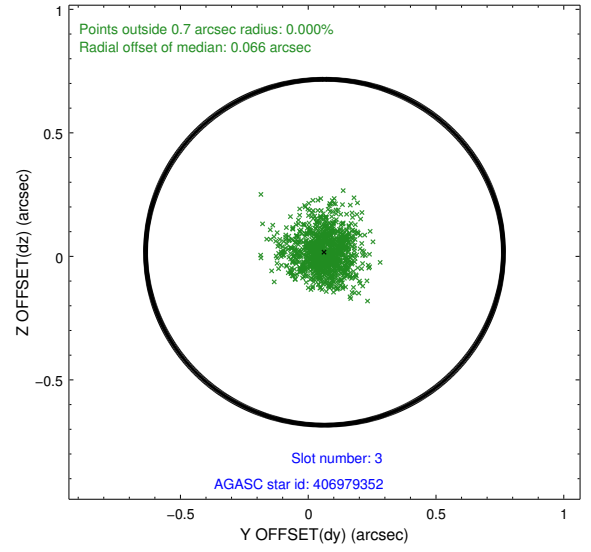
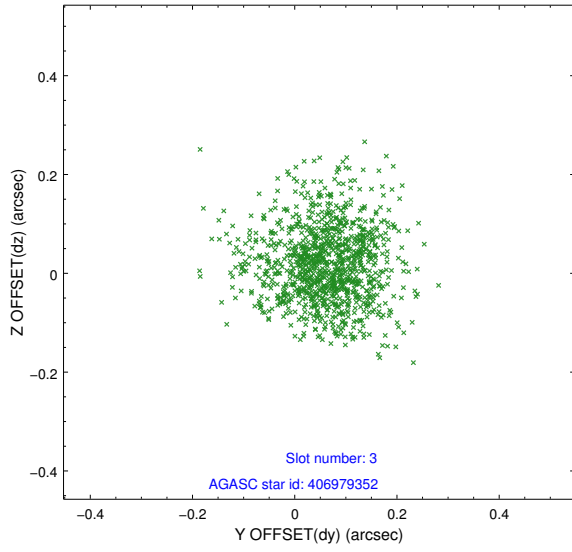


Slot Statistics

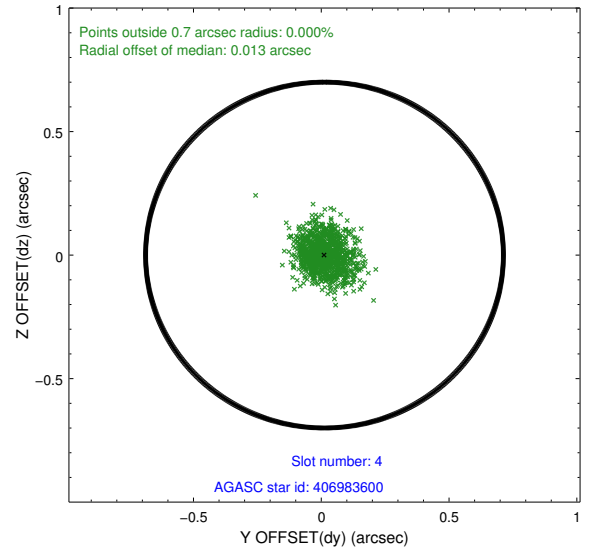
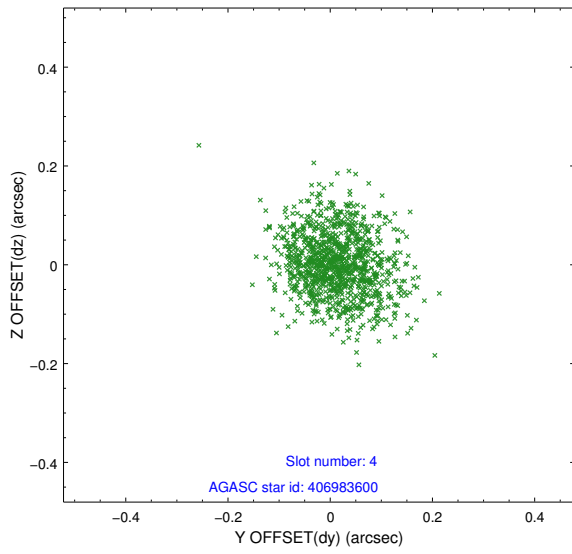
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.05	533	0.134	-0.191	0.010	0.015	0.000000	0.000000	-1164.12	-462.63
1	FID	HRC-S-2	7.03	533	0.144	-0.108	0.006	0.016	0.000000	0.000000	1233.36	-456.05
2	FID	HRC-S-3	7.05	533	0.111	-0.004	0.011	0.016	0.000000	0.000000	-1164.56	566.22
3	GUIDE	406979352	9.24	1065	0.064	0.017	0.112	0.187	279.968297	39.230258	-2052.93	1567.26
4	GUIDE	406983600	8.92	1066	0.013	0.000	0.092	0.148	279.940957	39.020708	-1310.99	1712.89
5	GUIDE	406987272	6.95	1066	-0.108	0.091	0.059	0.103	278.536588	38.437504	1809.47	-1485.70
6	GUIDE	406990192	9.00	1065	0.165	-0.027	0.080	0.132	278.510952	38.533654	1499.64	-1652.45
7	GUIDE	407510432	8.12	1065	-0.132	-0.085	0.080	0.127	278.762778	39.530640	-2145.89	-1958.29

2.4 Star Slots

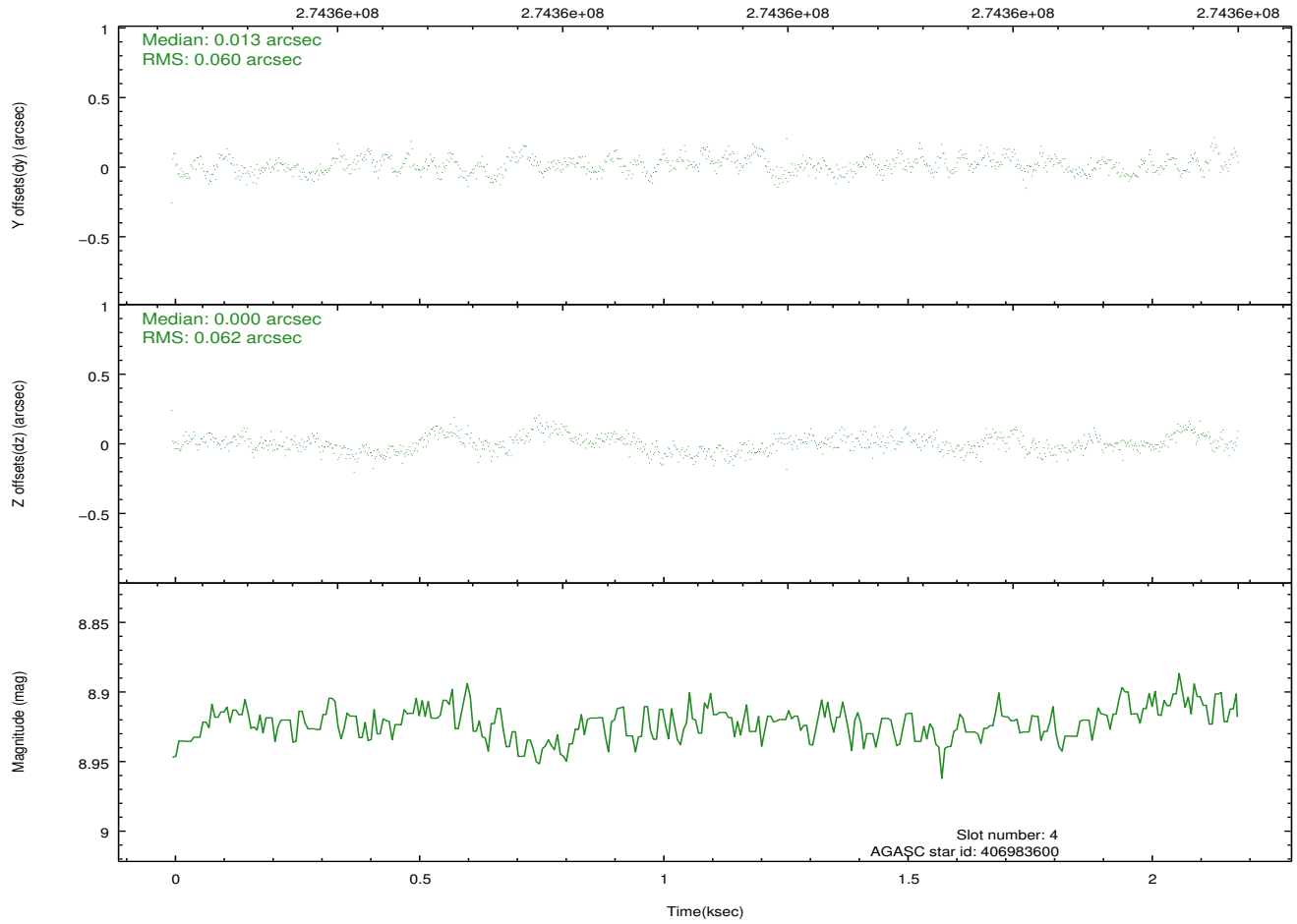
2.4.1 Slot 3



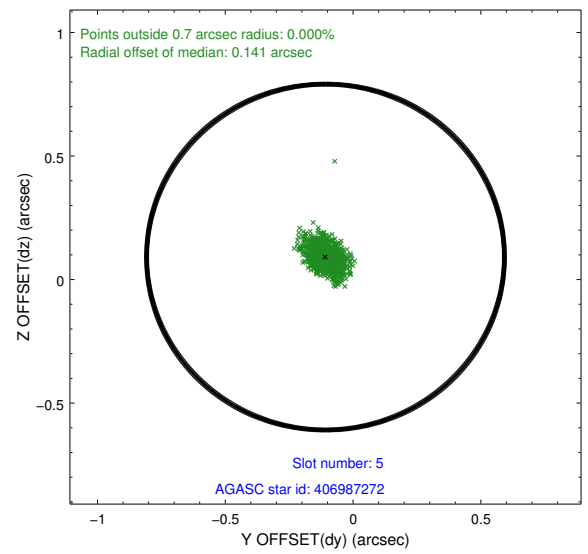
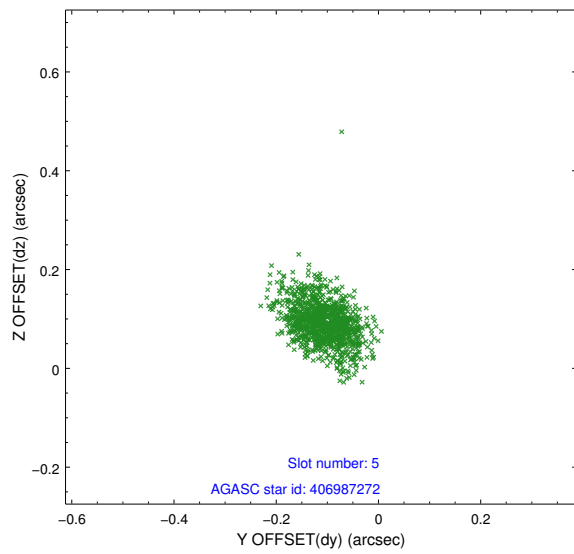
2.4.2 Slot 4



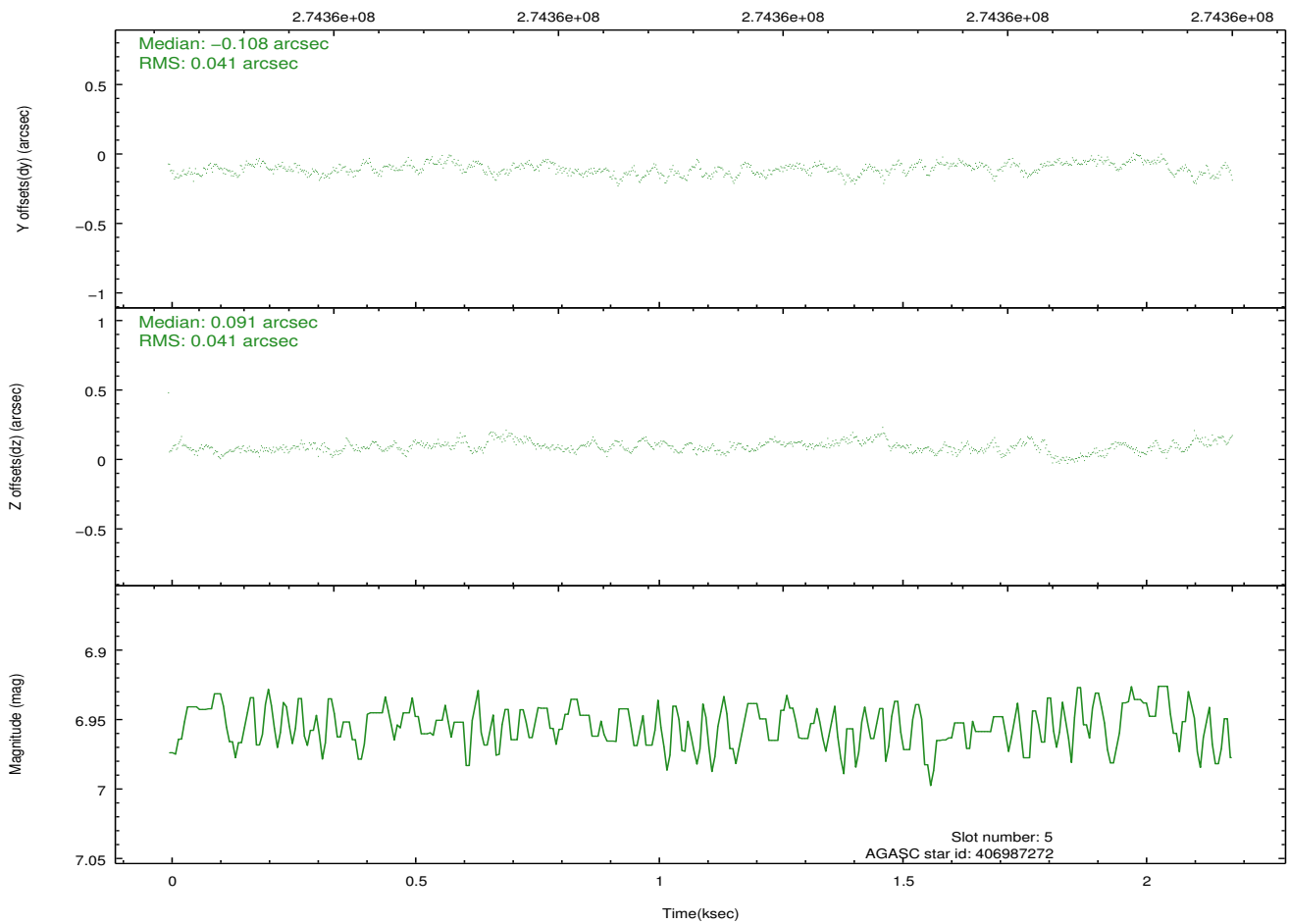
Time (s)



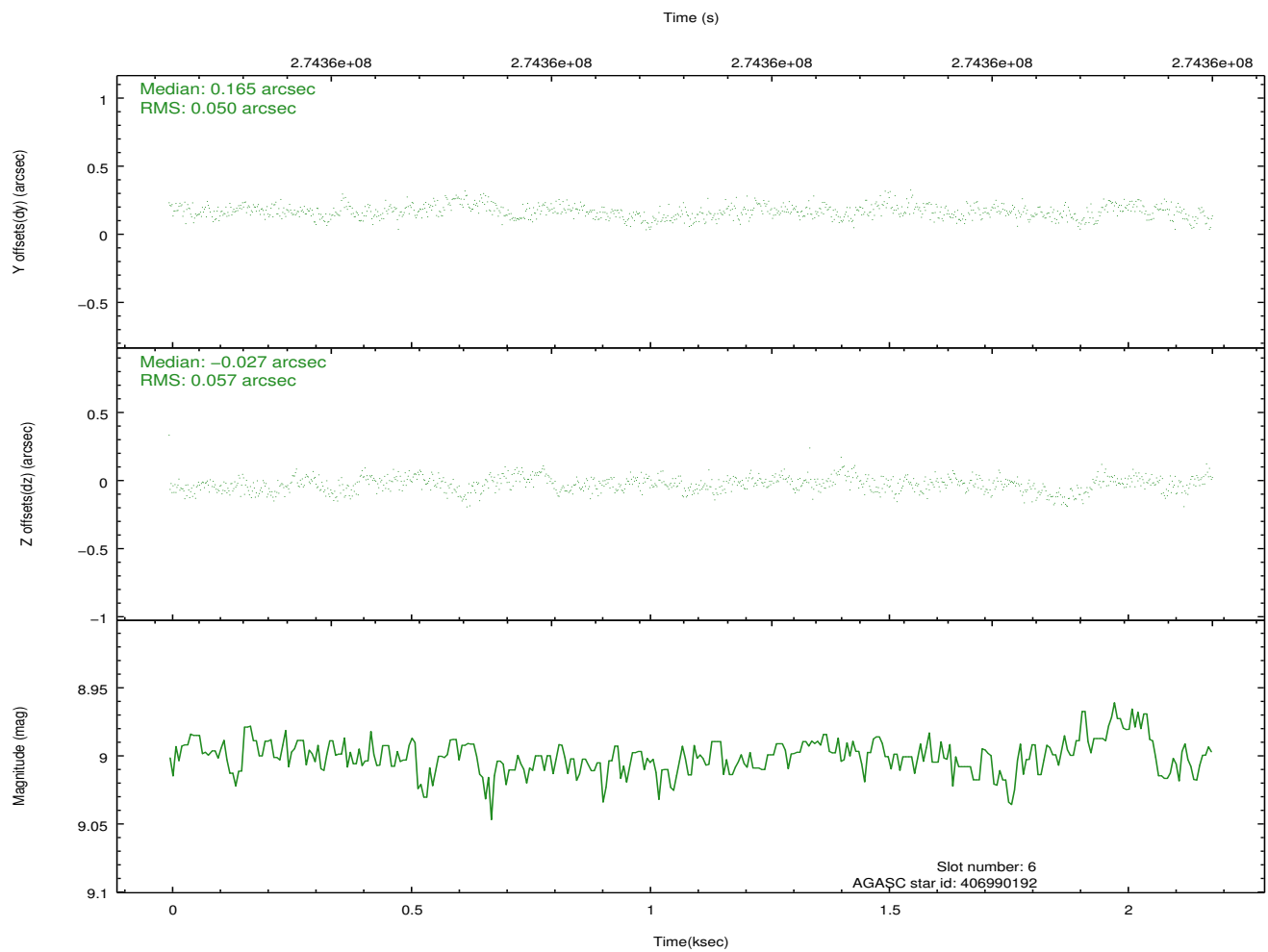
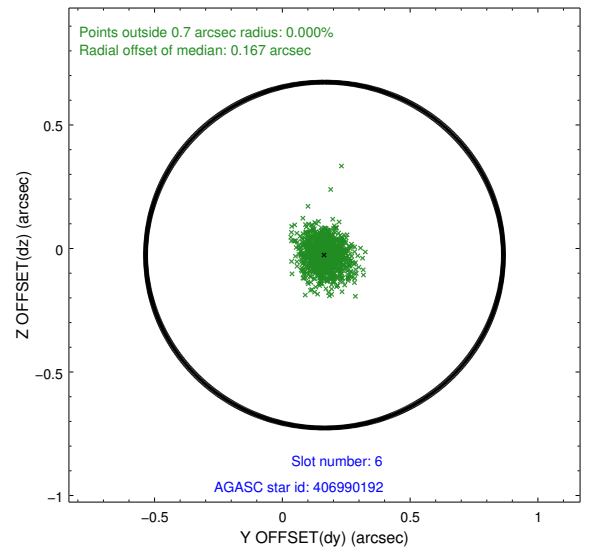
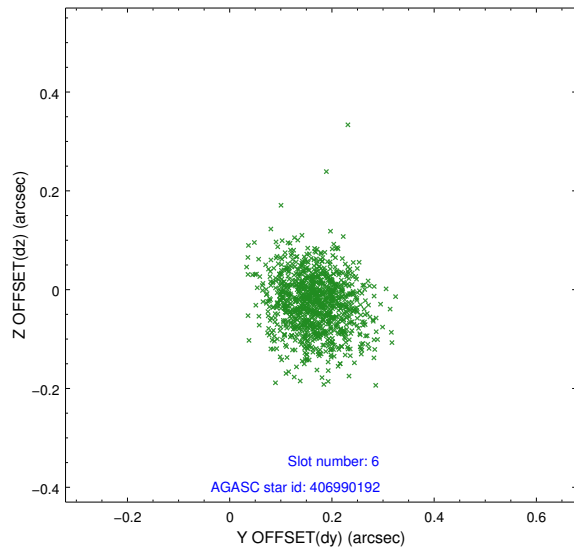
2.4.3 Slot 5



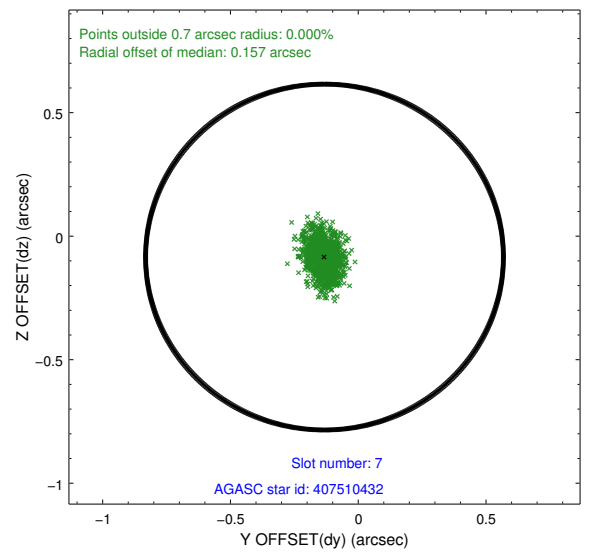
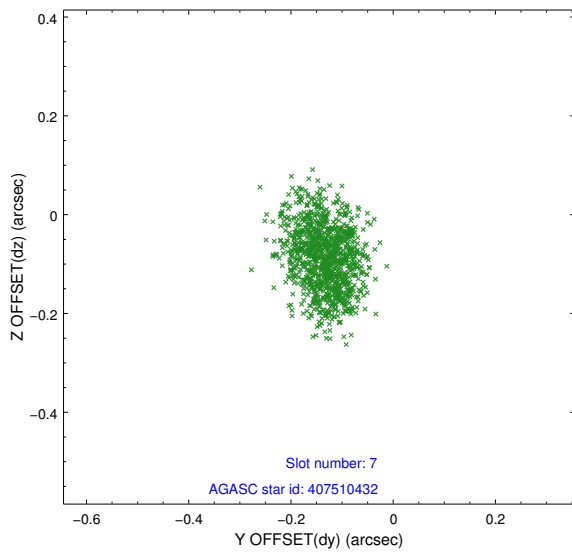
Time (s)



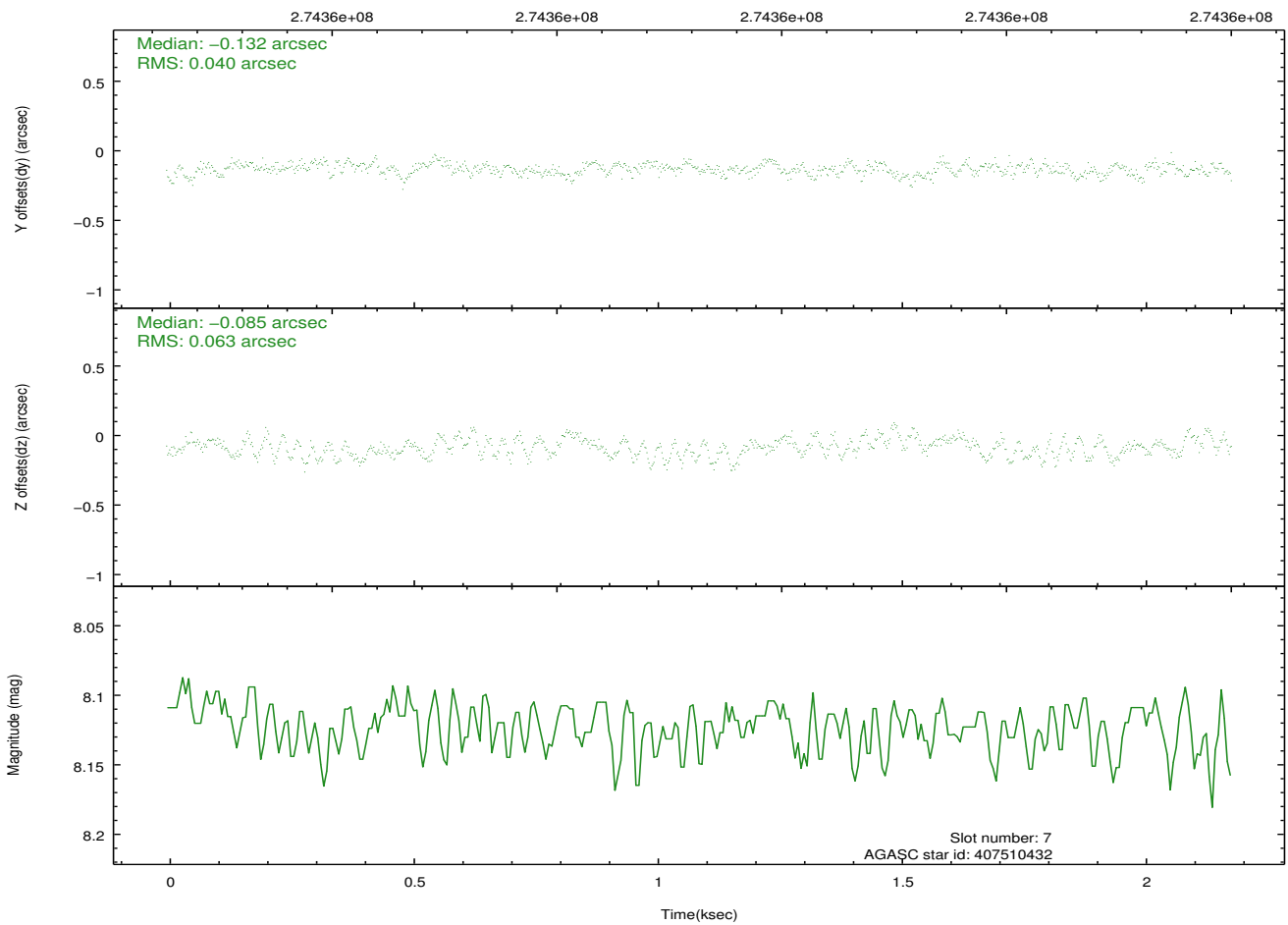
2.4.4 Slot 6



2.4.5 Slot 7

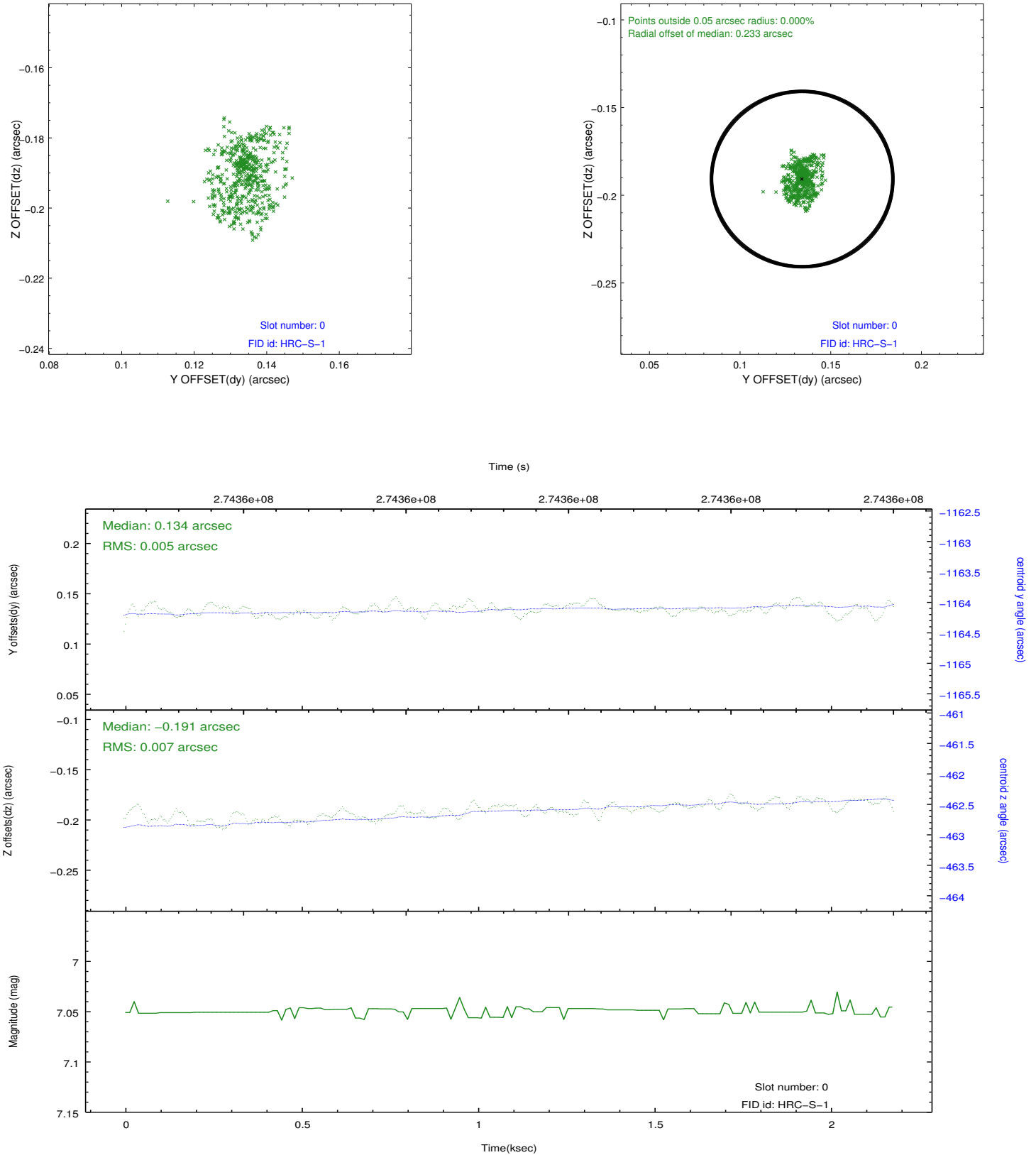


Time (s)

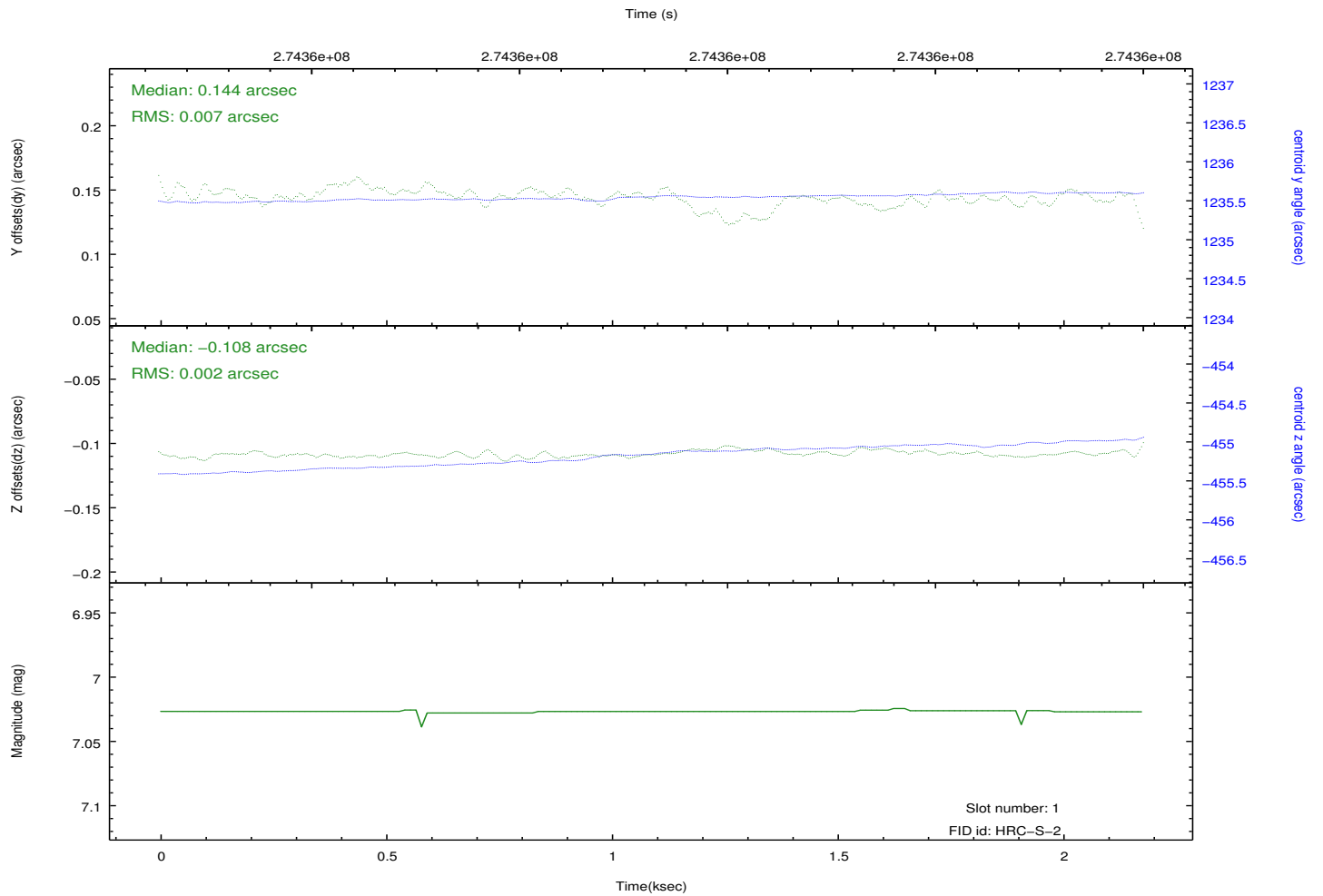
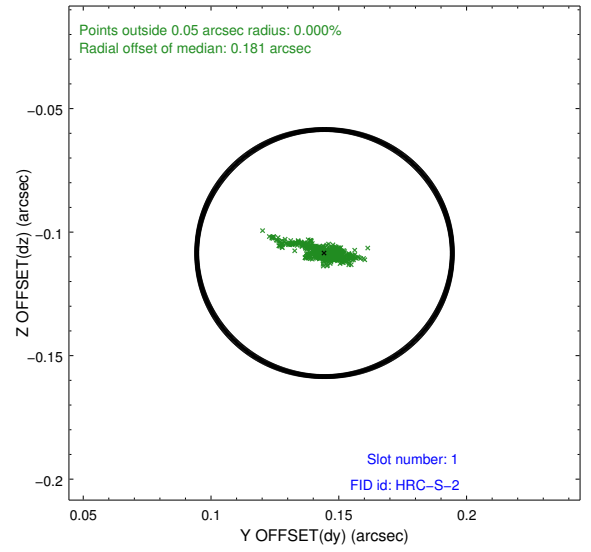
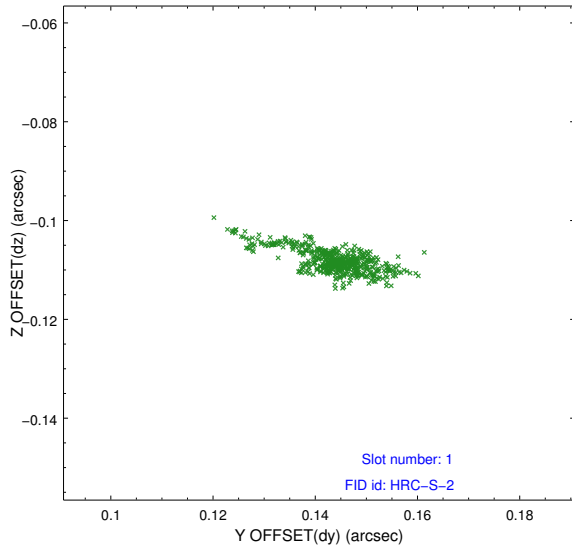


2.5 FID Slots

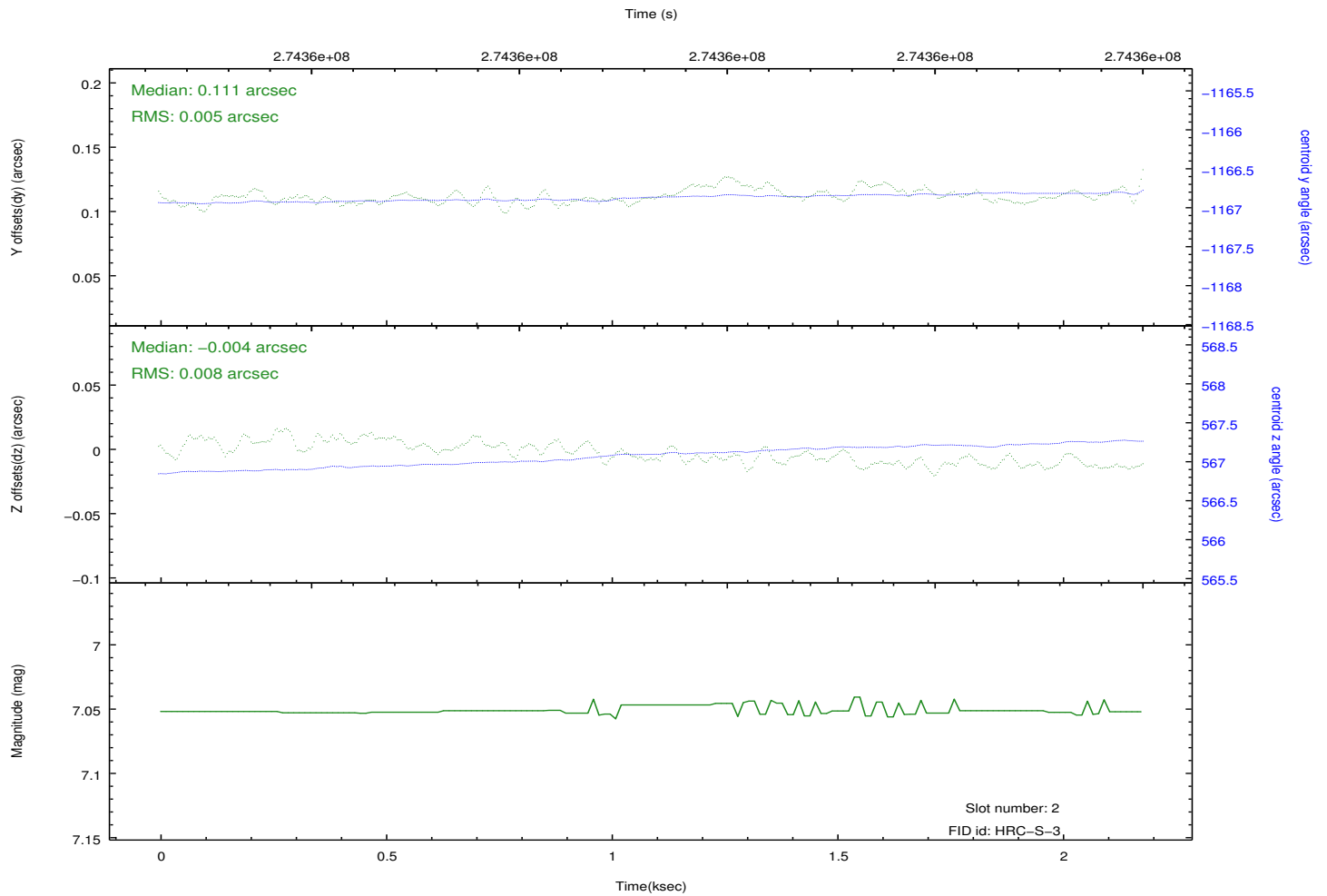
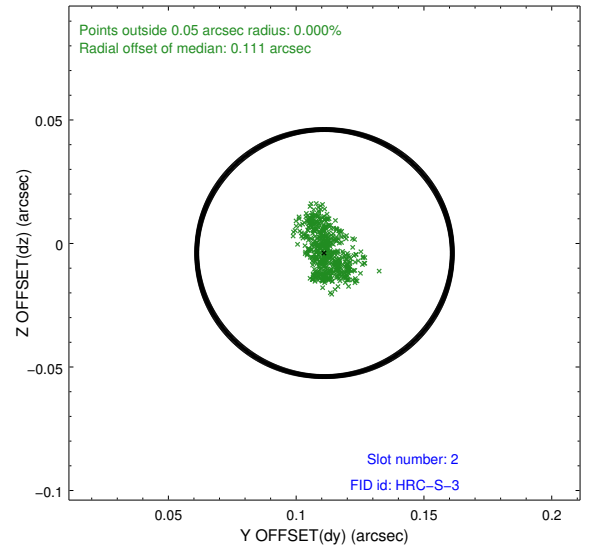
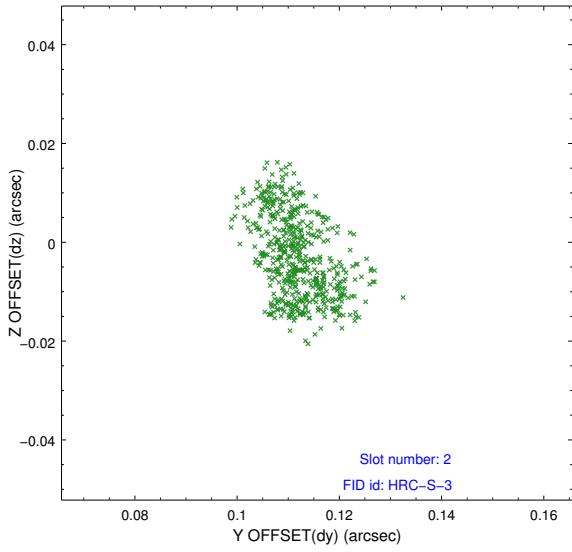
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15275635

A.2 Comments

Window preference met.