

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3688 - L2 Version 3
Chandra X-Ray Center

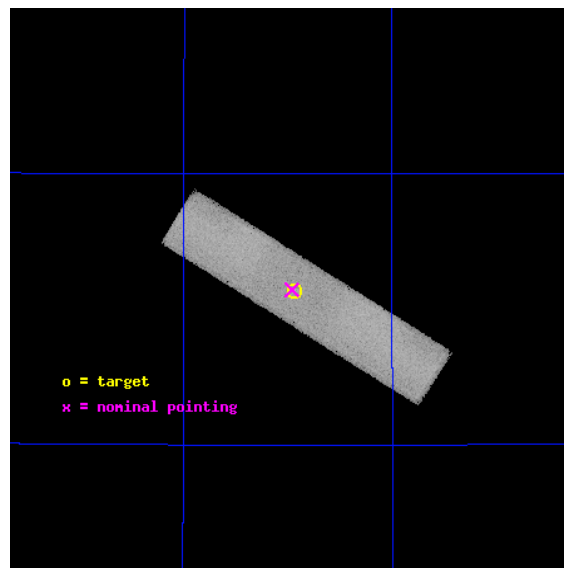
L2 Processing Date : Oct 21 2012

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1 Front

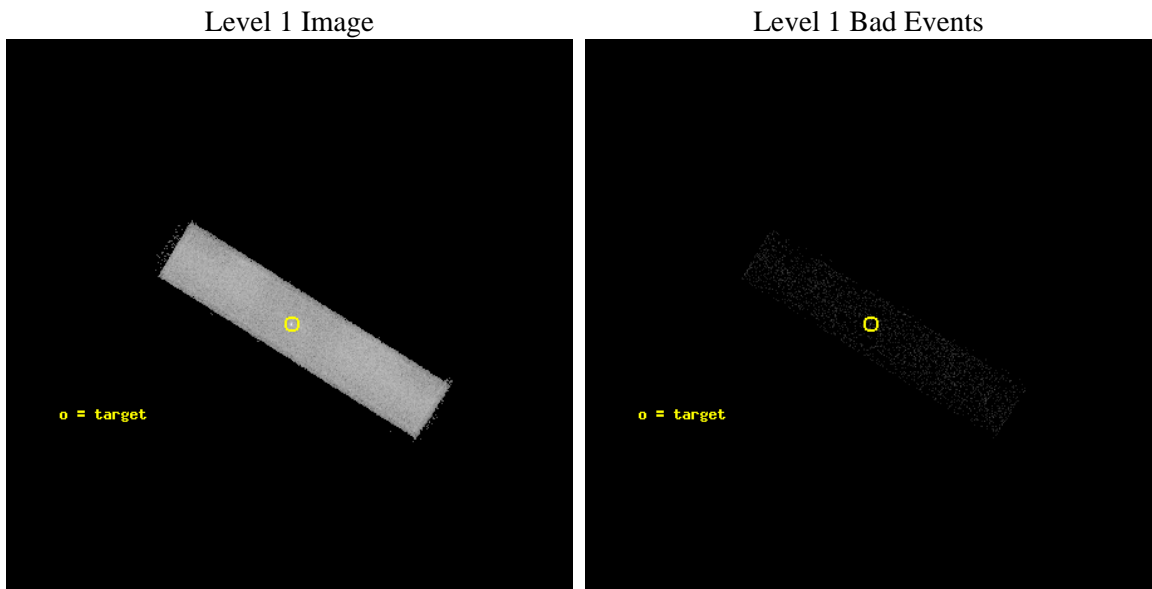
seq_num	290242	Sequence number
obs_id	3688	Observation id
title	AO4 MEASUREMENTS OF THE OPTICAL/UV TRANSMISSION OF THE HRC AND ACIS FILTERS	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23993694833	Nominal RA [deg]
dec_nom	38.786383785392	Nominal Dec [deg]
roll_nom	31.906041911864	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1845.2563273609	[s]
livetime	1829.3833801845	Ontime multiplied by DTCOR
l2events	116470	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	1845.2563273609	[s]
caldsver	4.5.2	 	l1events	142553	Number of level 1 events
date	2012-10-21T04:52:37	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

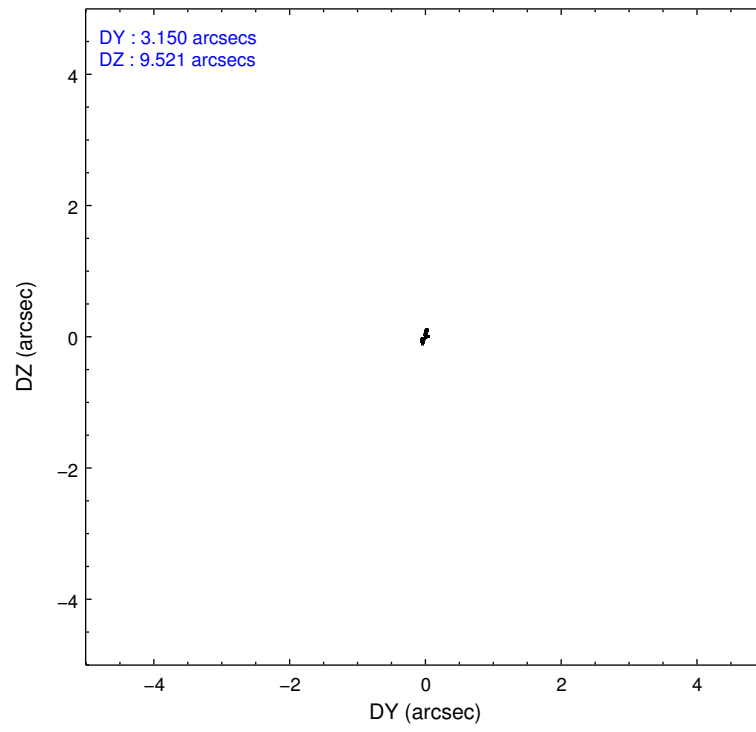
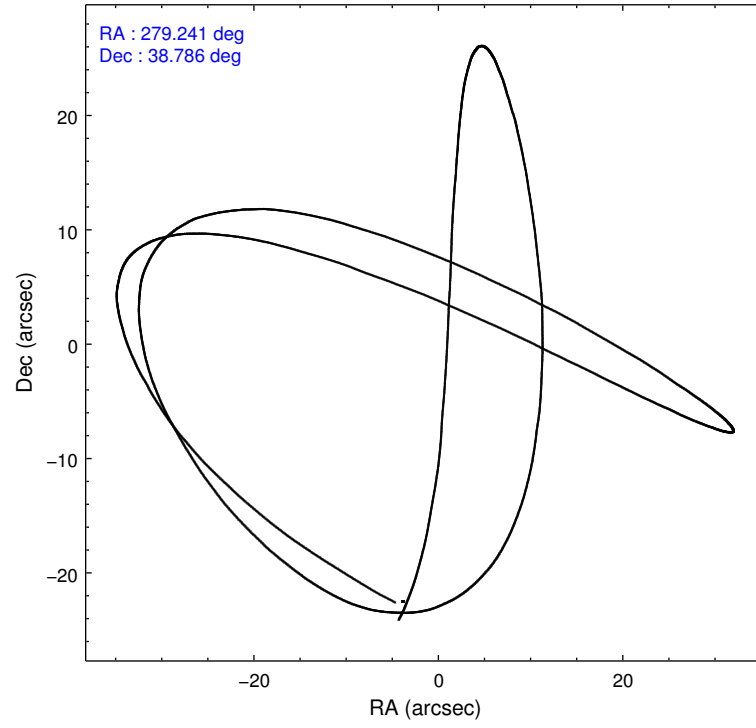
Level 1 Events

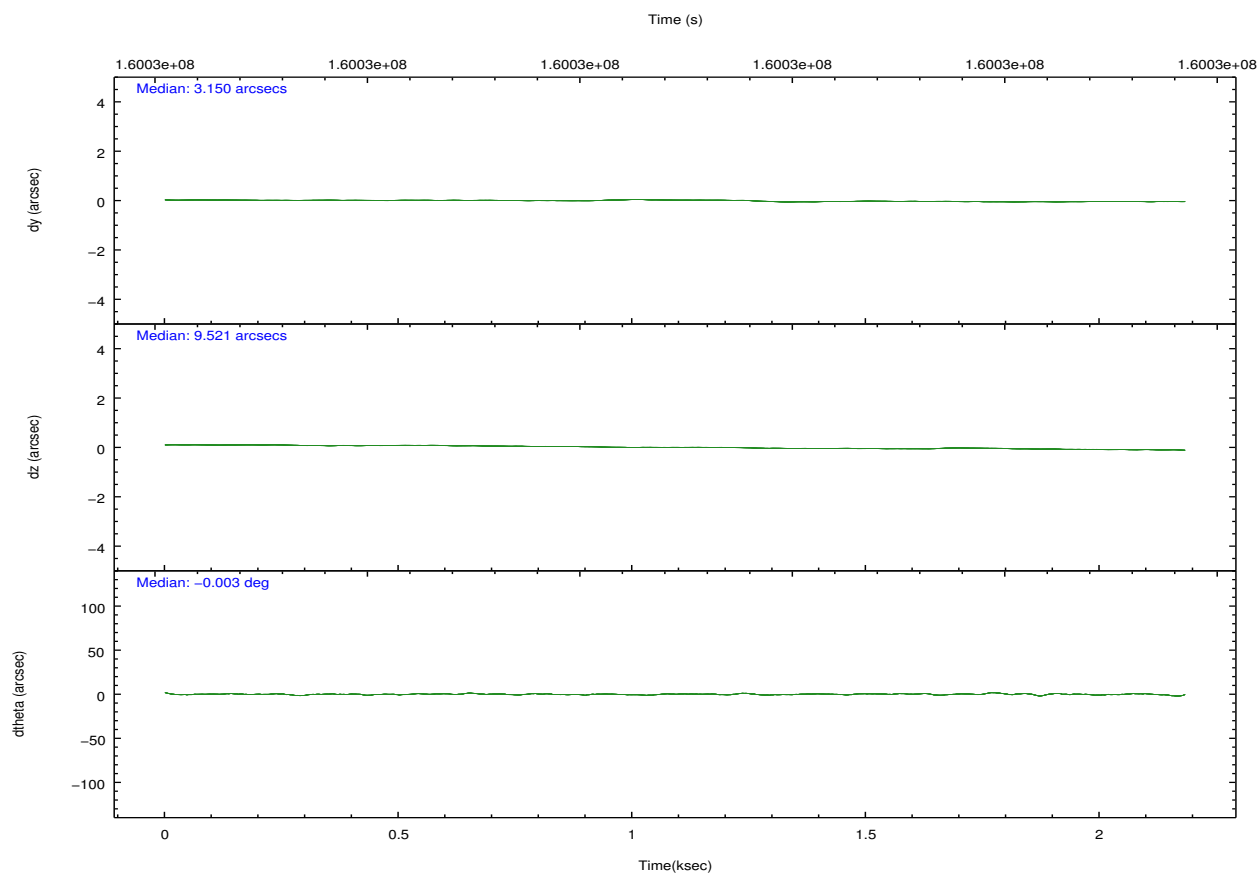
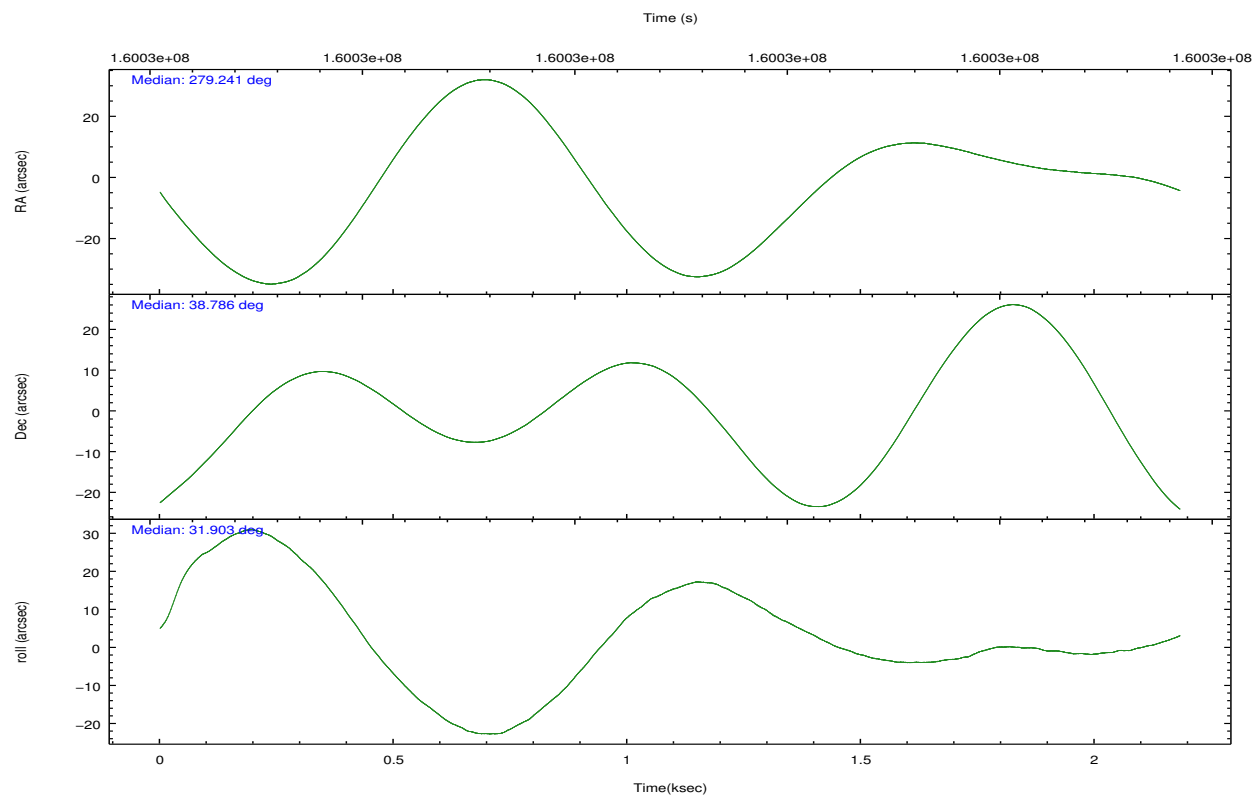
	segment 1	segment 2	segment 3
level 1 events	0	142553	0
rejected events	0	11219	0
rejected %	0%	7%	0%

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	279.224539	279.2399369483314			
[deg] Pointing Dec	38.760275	38.78638378539241			
[deg] Pointing Roll	31.848406	31.90604191186431			
[s] Window start time (MET)	159019264.184000	159019264.184000			
[s] Window stop time (MET)	161697664.184000	161697664.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	160031319.184000	160030943.49954			
Observation start date	2003-01-27T05:07:35	2003-01-27T05:02:23			
[s] Observation end time (MET)	160033319.184000	160033453.72464			
Observation end date	2003-01-27T05:40:55	2003-01-27T05:44:13			

2.3 Aspect



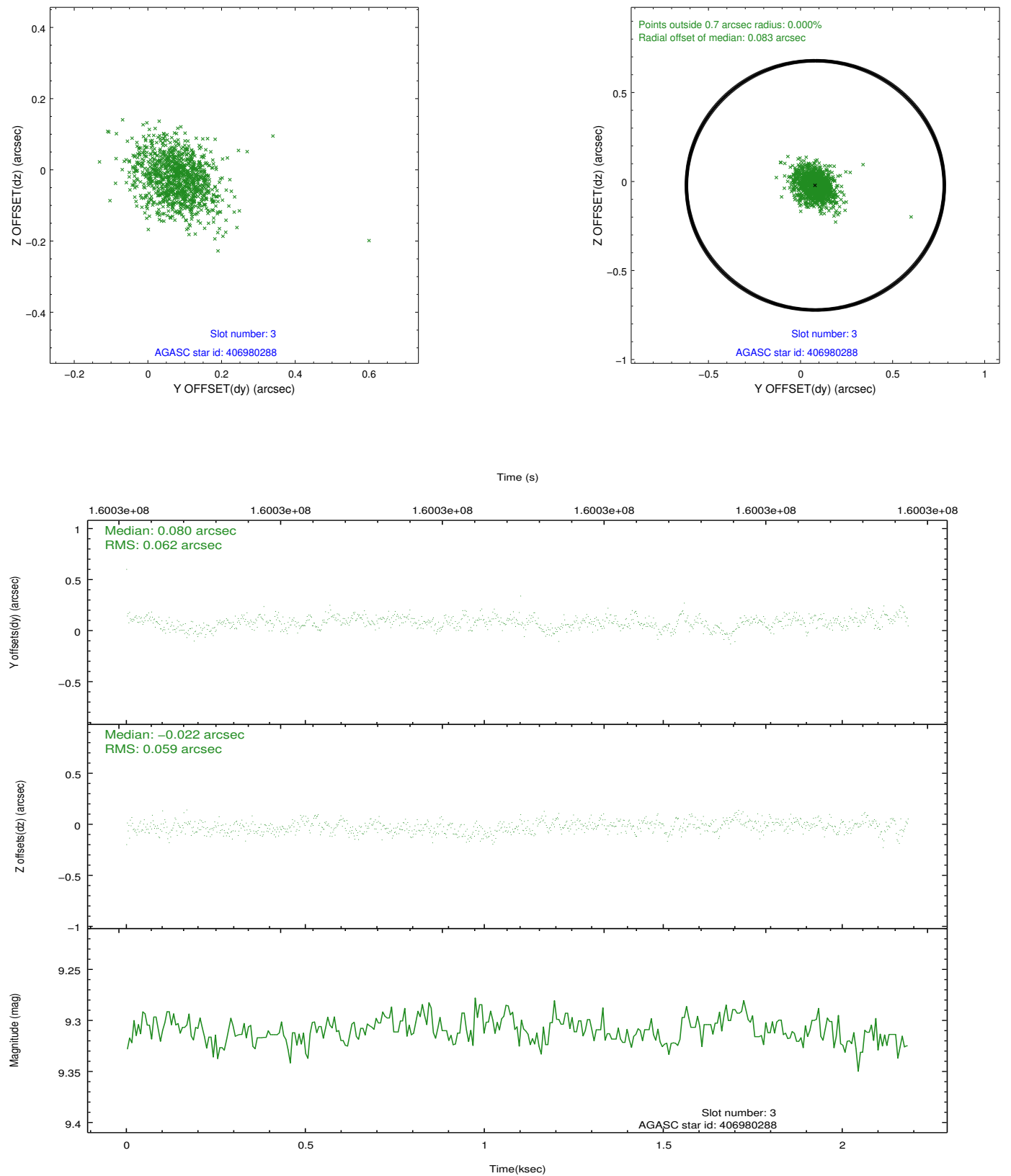


Slot Statistics

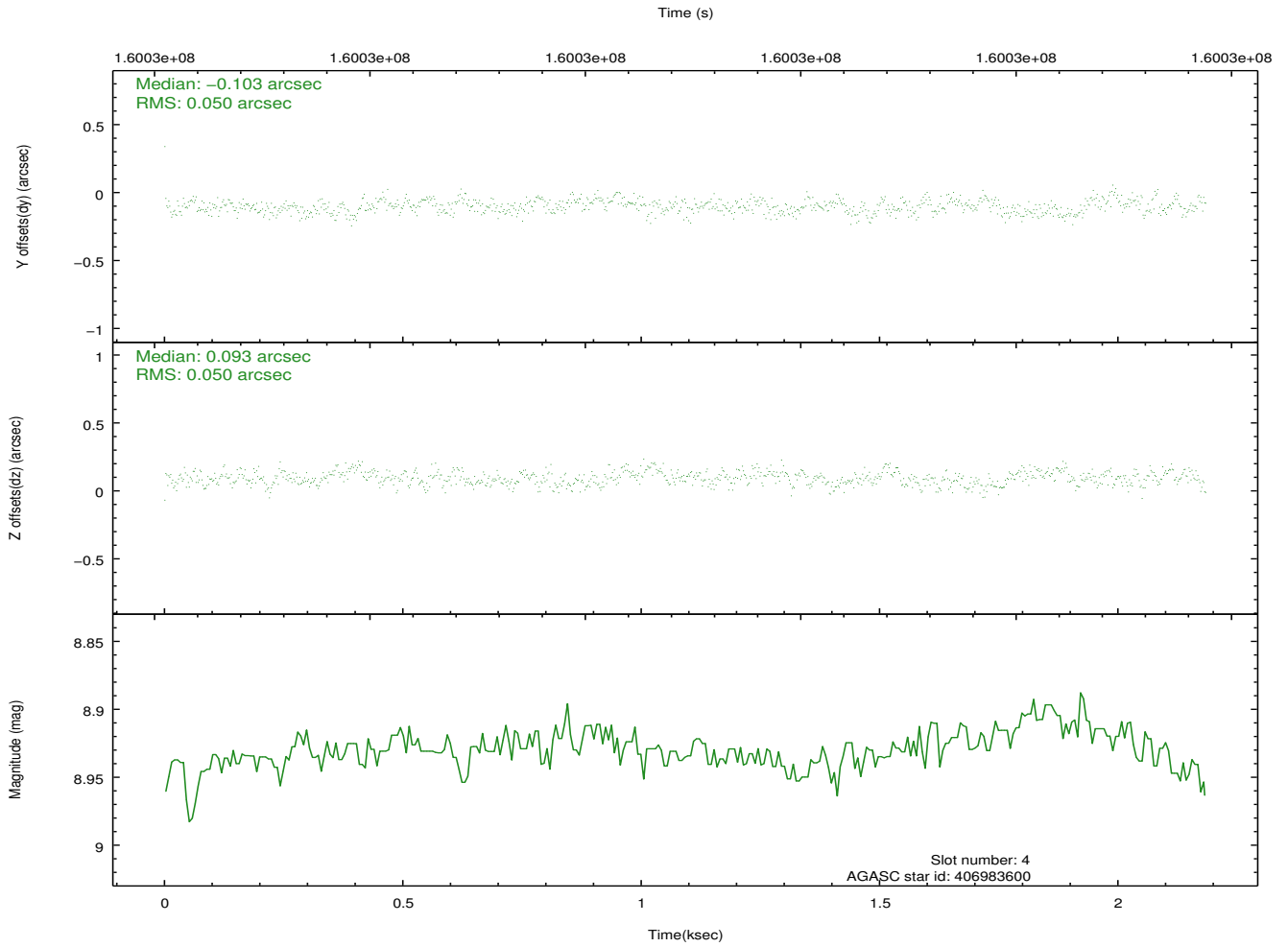
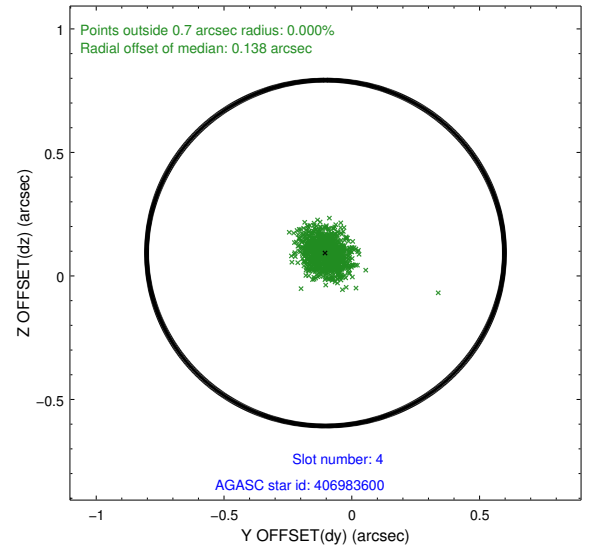
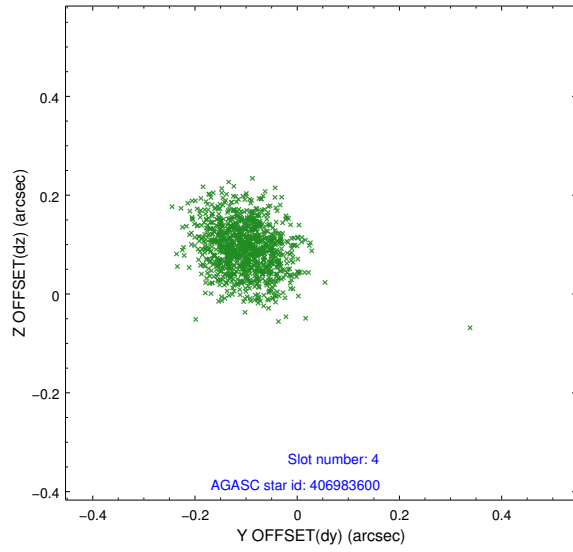
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	533	0.162	-0.170	0.007	0.011	0.000000	0.000000	-1157.15	-458.19
1	FID	HRC-S-2	7.02	533	0.088	-0.096	0.004	0.008	0.000000	0.000000	1240.29	-451.62
2	FID	HRC-S-3	7.05	533	0.140	-0.035	0.006	0.011	0.000000	0.000000	-1157.56	570.63
3	GUIDE	406980288	9.31	1066	0.080	-0.022	0.086	0.142	278.903147	39.061646	-188.78	1396.36
4	GUIDE	406983600	8.93	1066	-0.103	0.093	0.073	0.119	279.940957	39.020708	2200.96	-254.11
5	GUIDE	406990192	8.99	1065	0.065	-0.105	0.072	0.114	278.510952	38.533654	-2131.05	372.63
6	GUIDE	407521232	8.66	1066	-0.019	-0.047	0.066	0.101	279.628883	39.431715	2230.01	1461.58
7	GUIDE	406993992	7.63	1065	-0.022	0.085	0.074	0.113	279.053714	38.034587	-1787.41	-1962.95

2.4 Star Slots

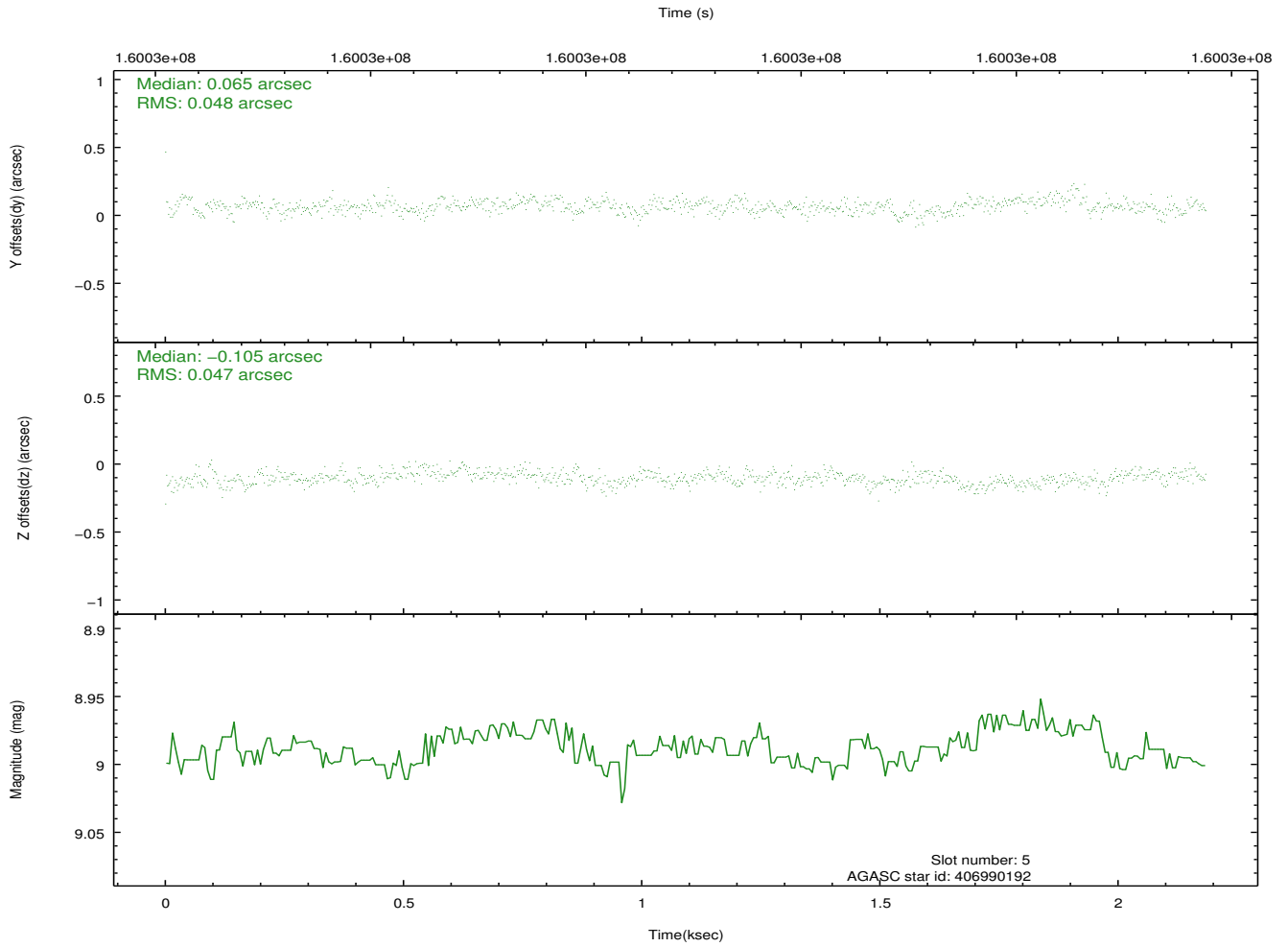
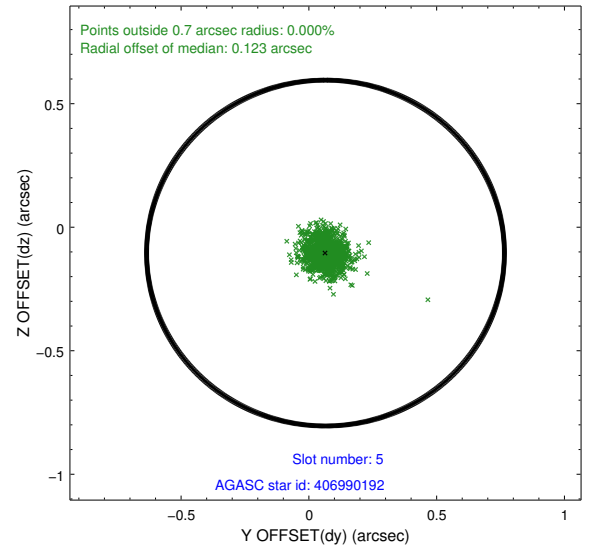
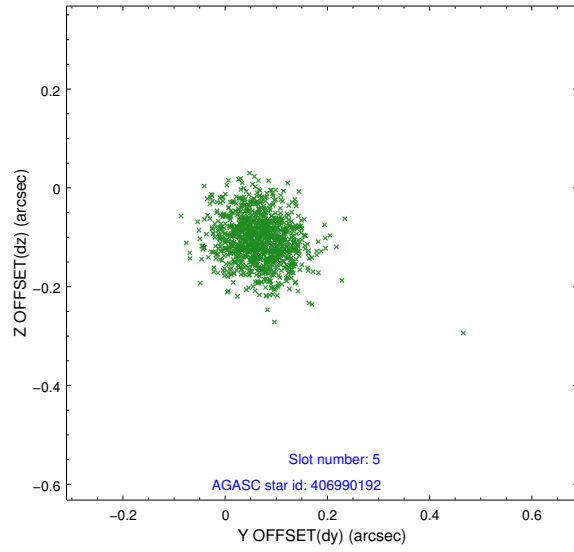
2.4.1 Slot 3



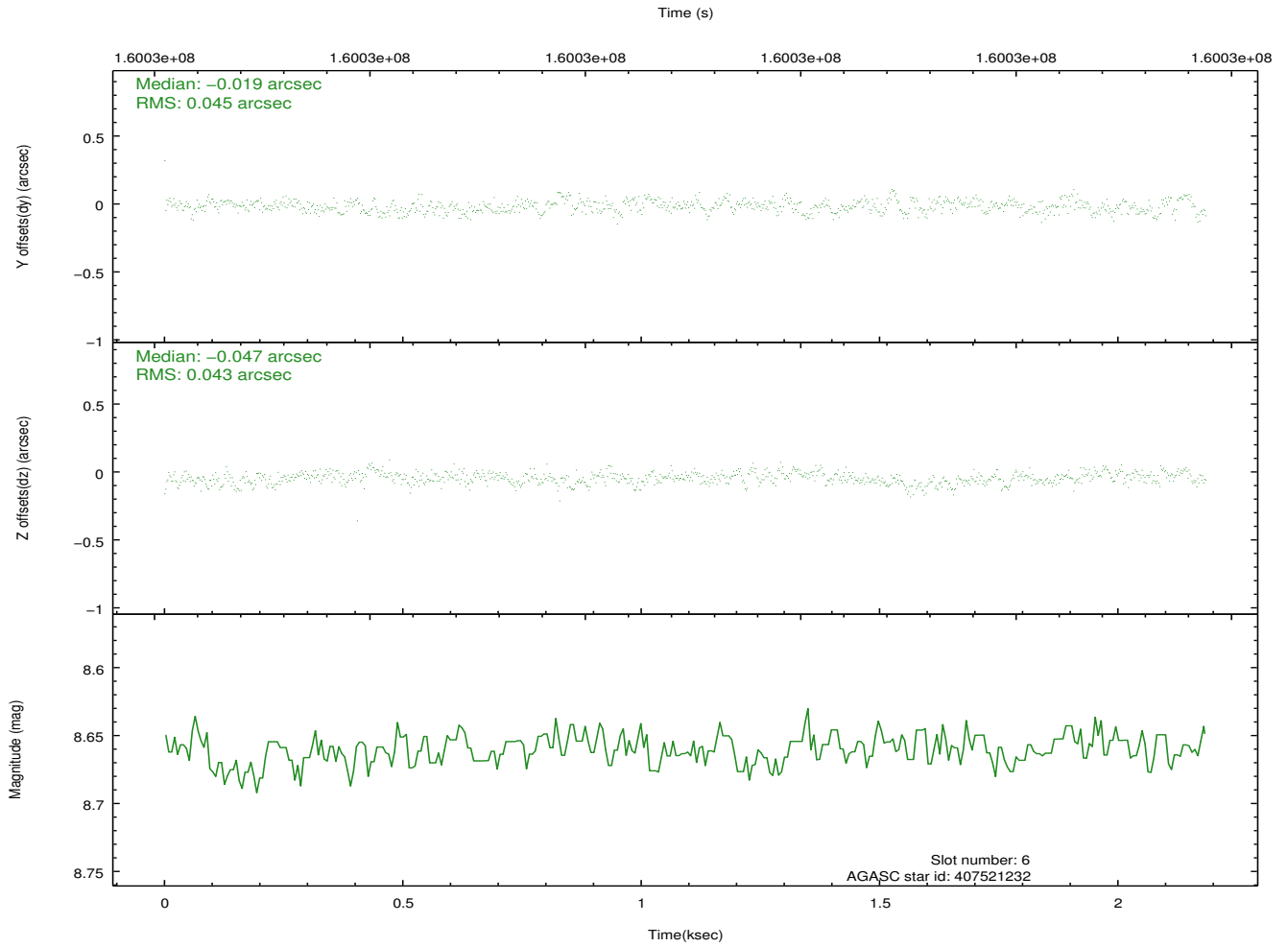
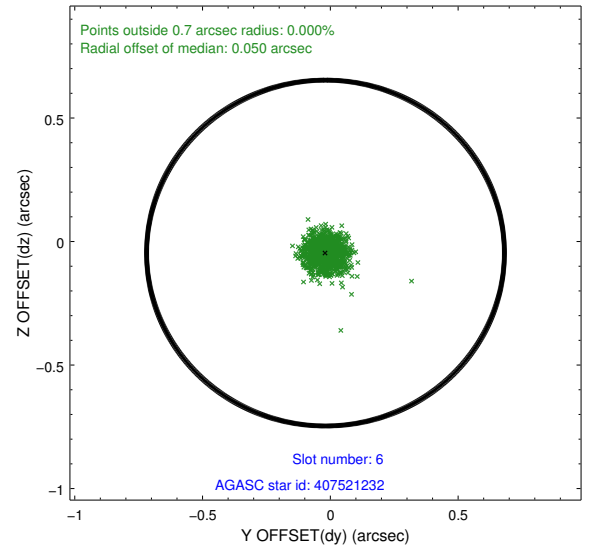
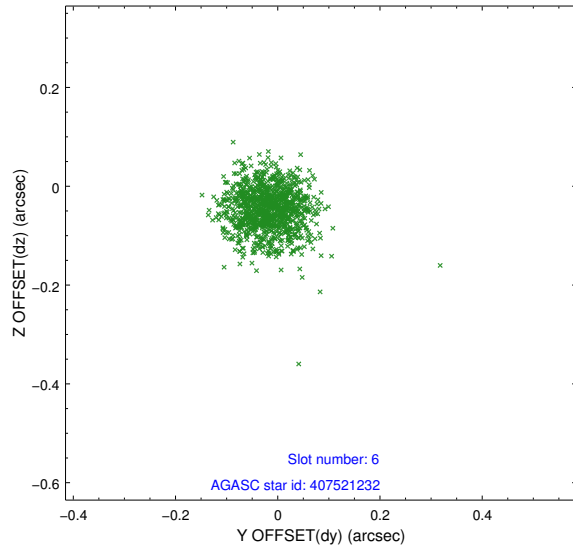
2.4.2 Slot 4



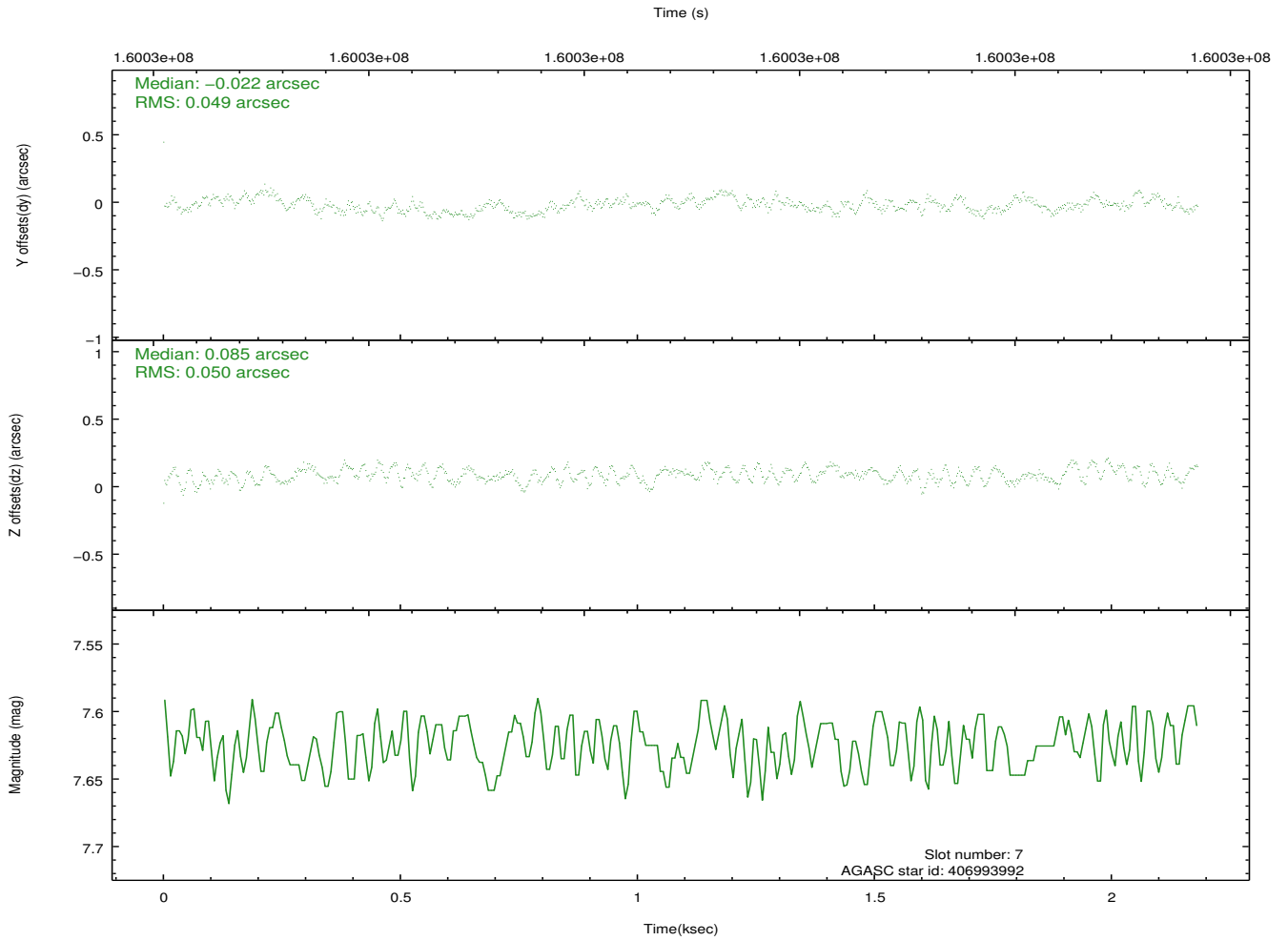
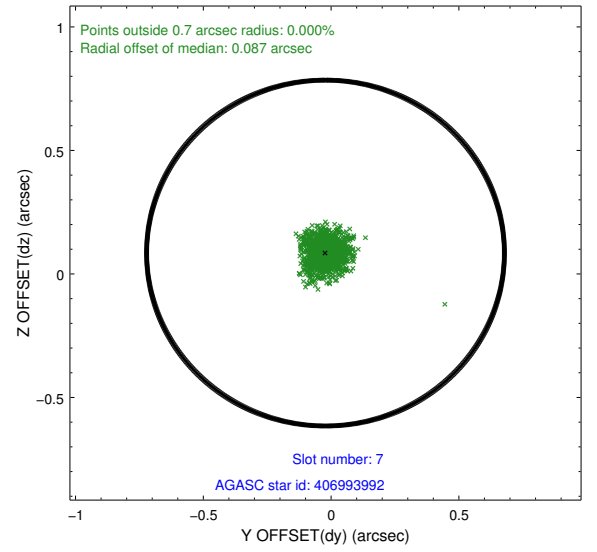
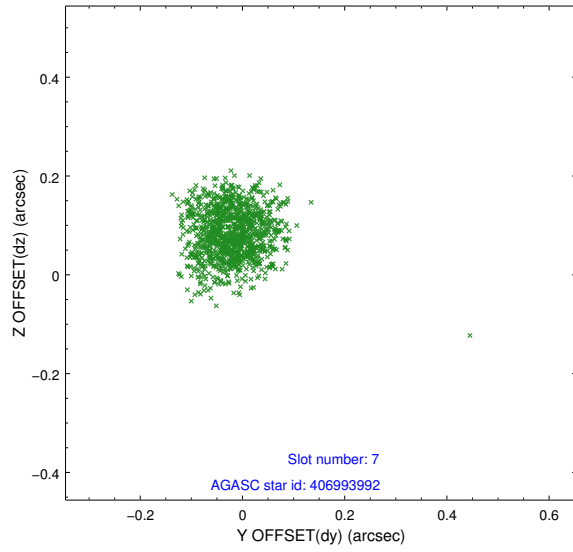
2.4.3 Slot 5



2.4.4 Slot 6

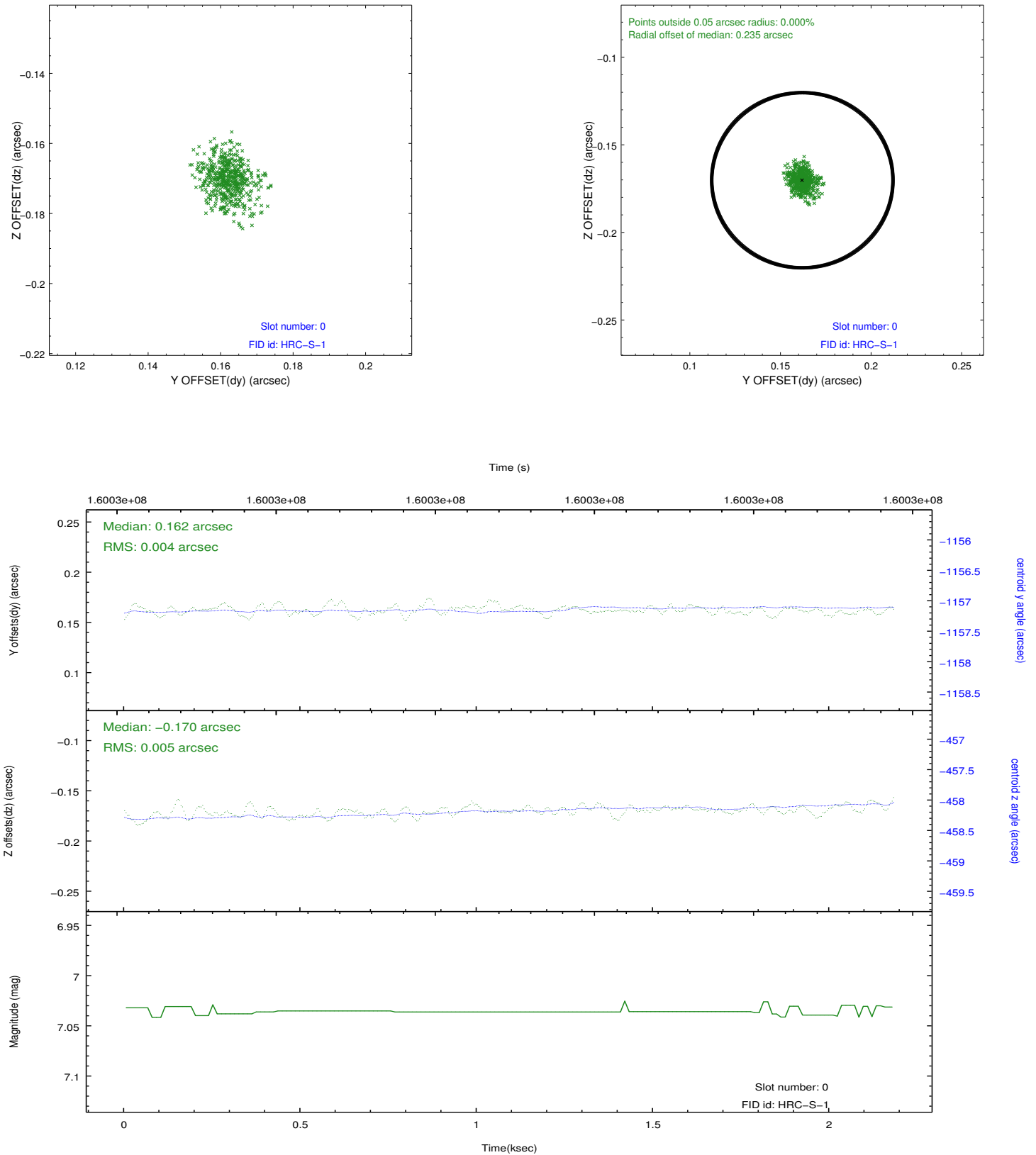


2.4.5 Slot 7

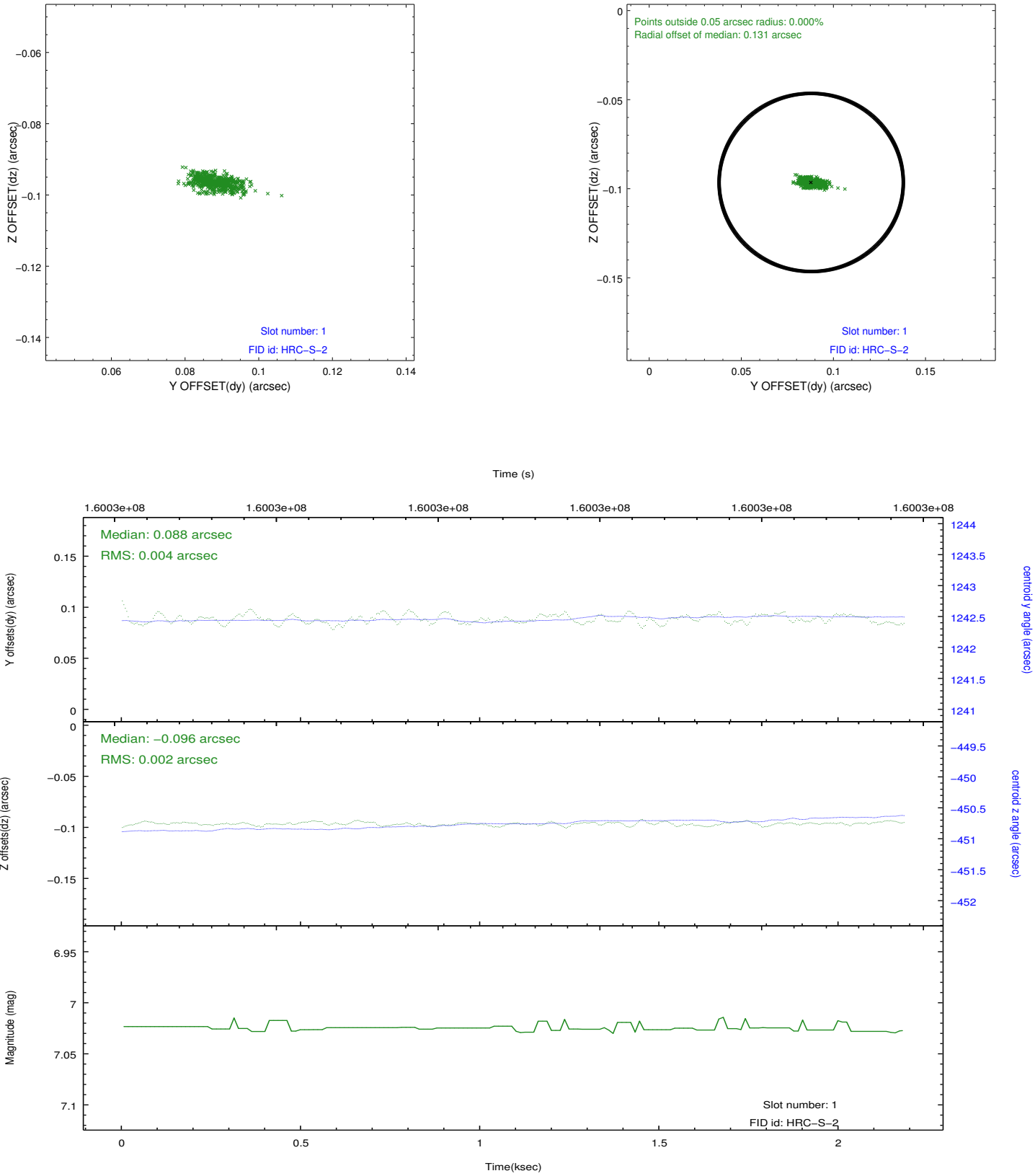


2.5 FID Slots

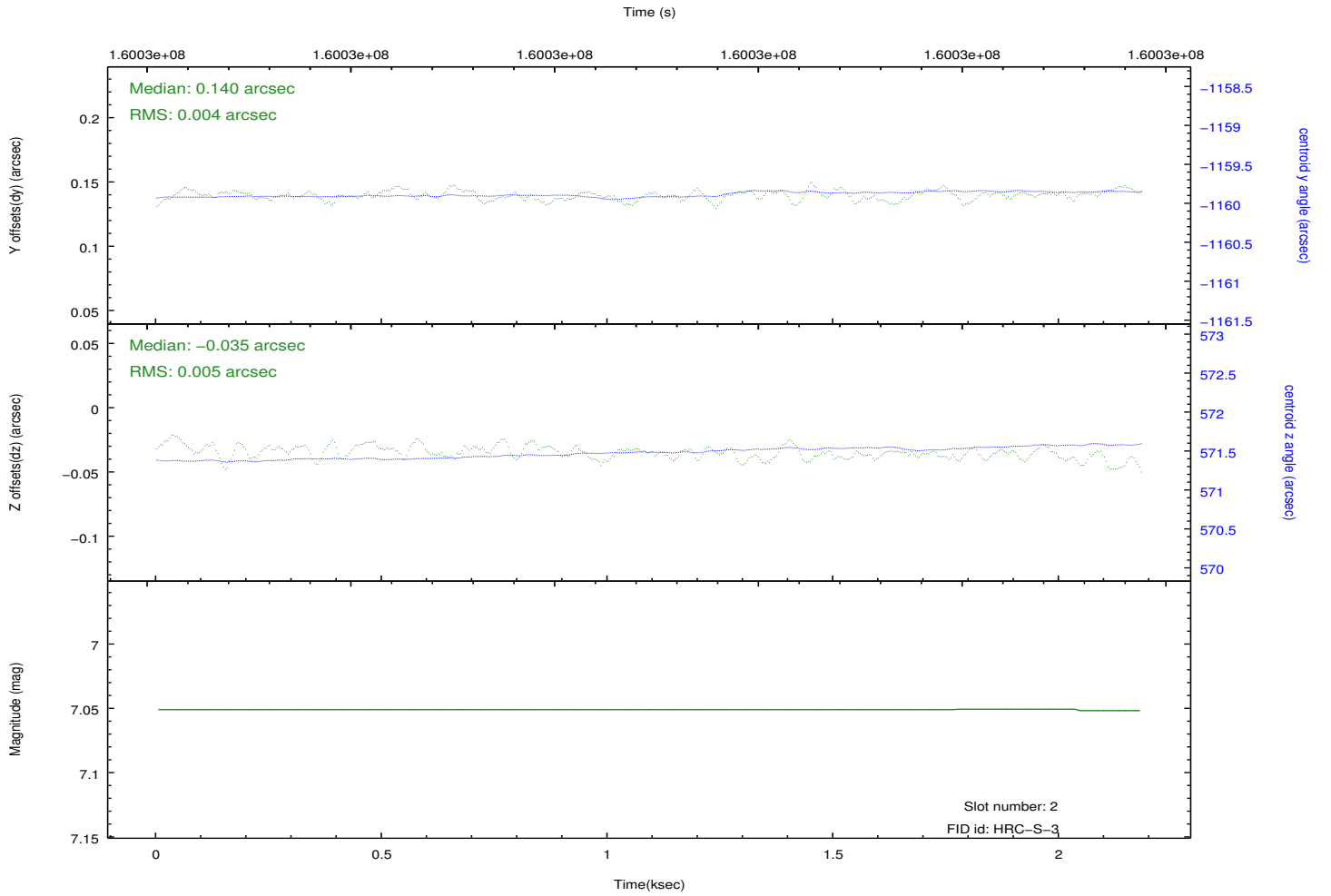
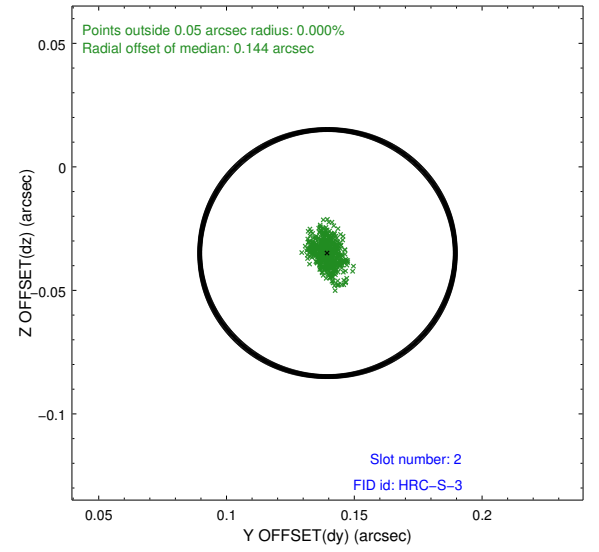
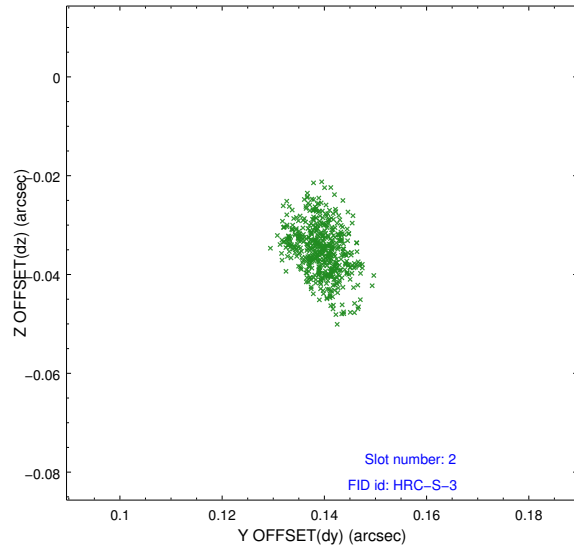
2.5.1 Slot 0



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)	2012.11.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.845

A.2 Comments

Window constraint satisfied.