

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10633 - L2 Version 3
Chandra X-Ray Center

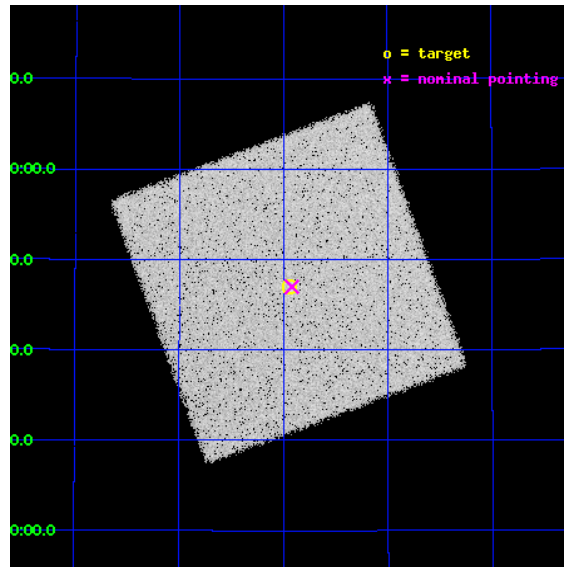
L2 Processing Date : Aug 13 2012

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1 Front

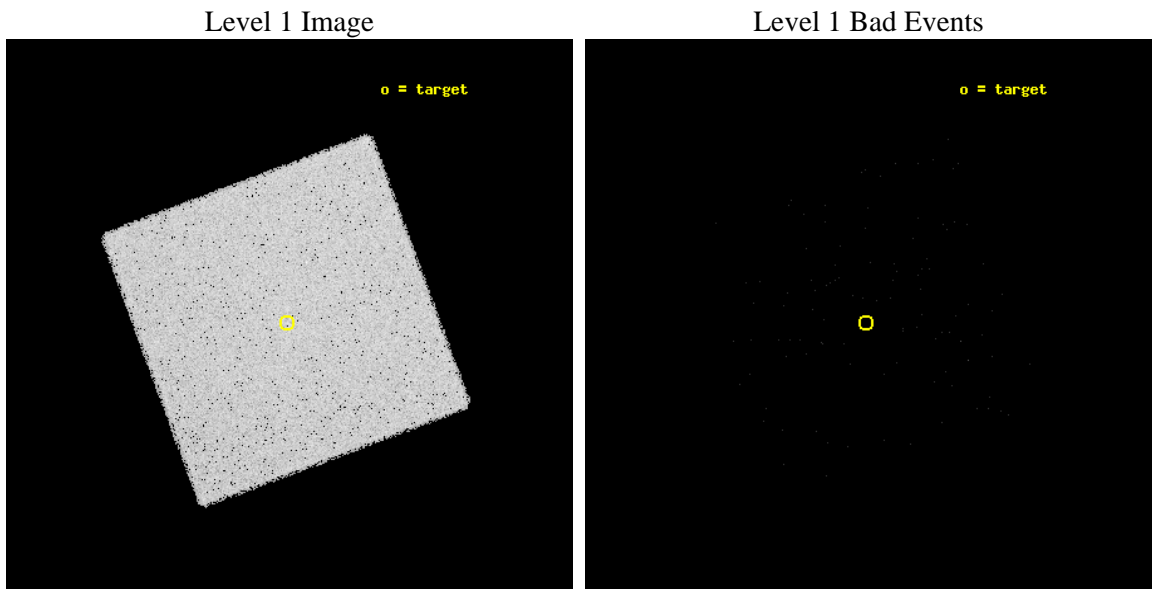
seq_num	290869	Sequence number
obs_id	10633	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.22971544755	Nominal RA [deg]
dec_nom	38.783276826674	Nominal Dec [deg]
roll_nom	204.63839546416	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2179.1501090527	[s]
liveltime	2153.1895787943	Ontime multiplied by DTCOR
l2events	160108	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	2179.1501090527	[s]
caldbver	4.5.1.1	 	l1events	300114	Number of level 1 events
date	2012-08-13T08:01:33	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

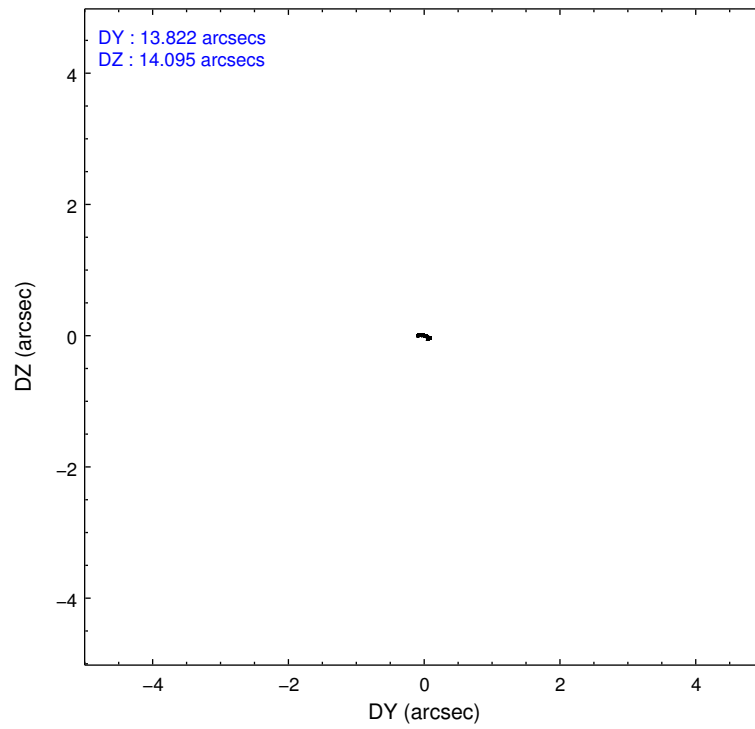
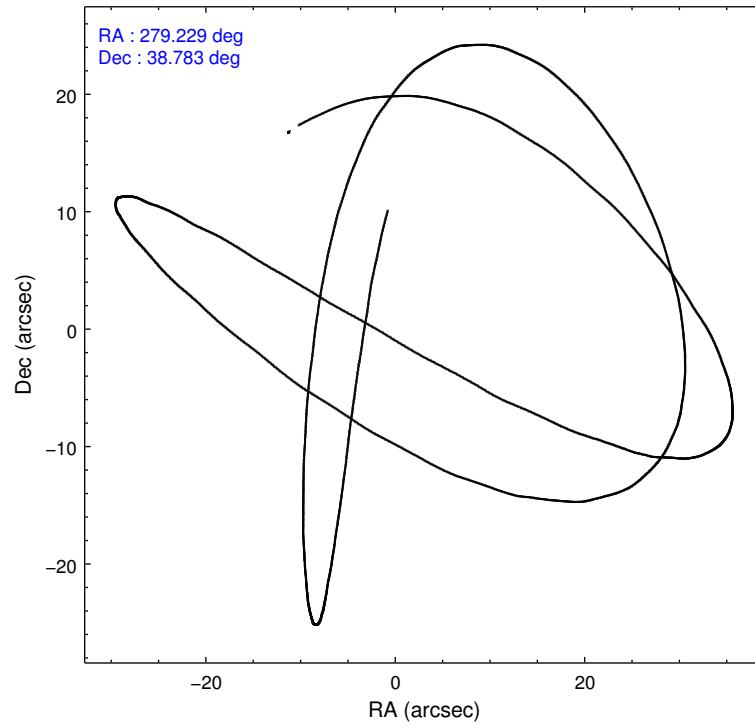
Level 1 Events

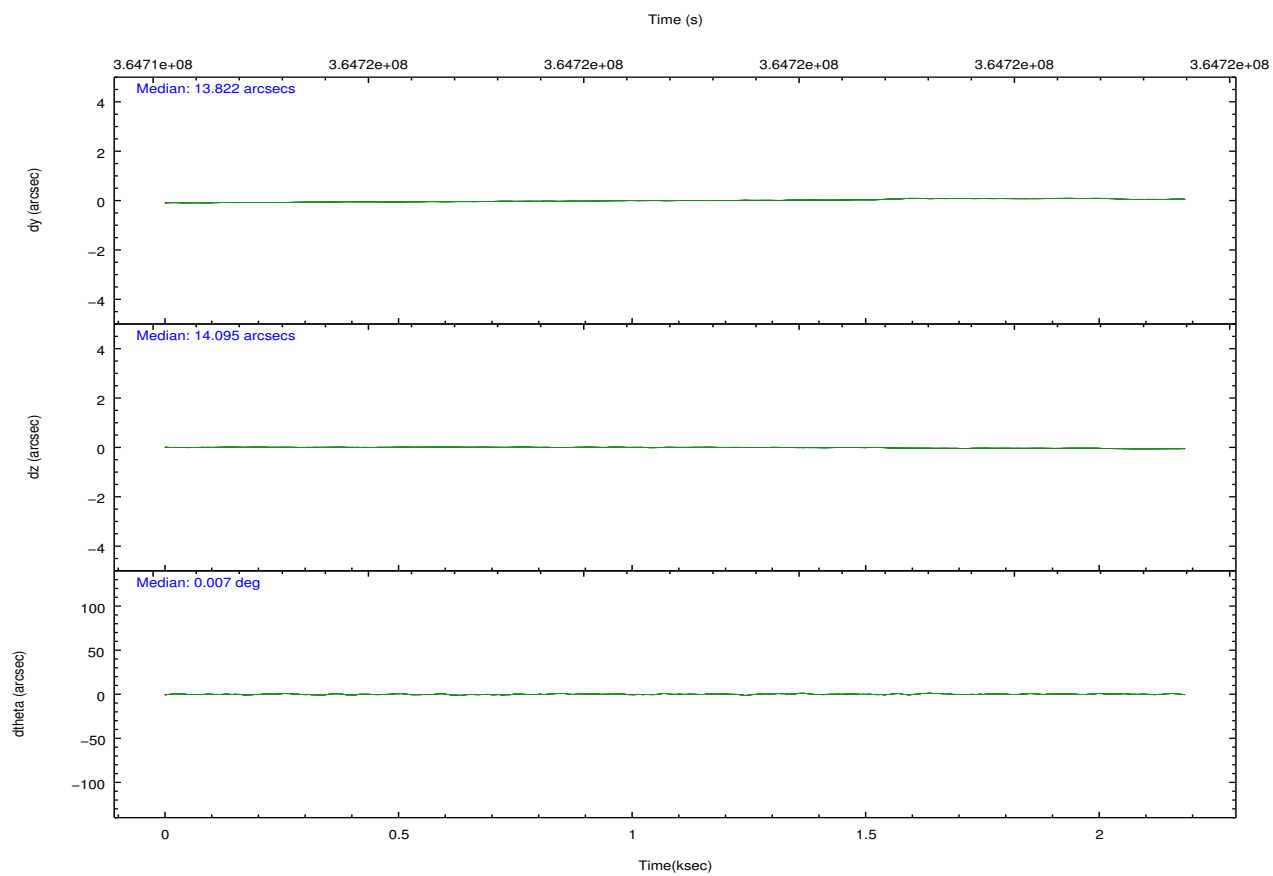
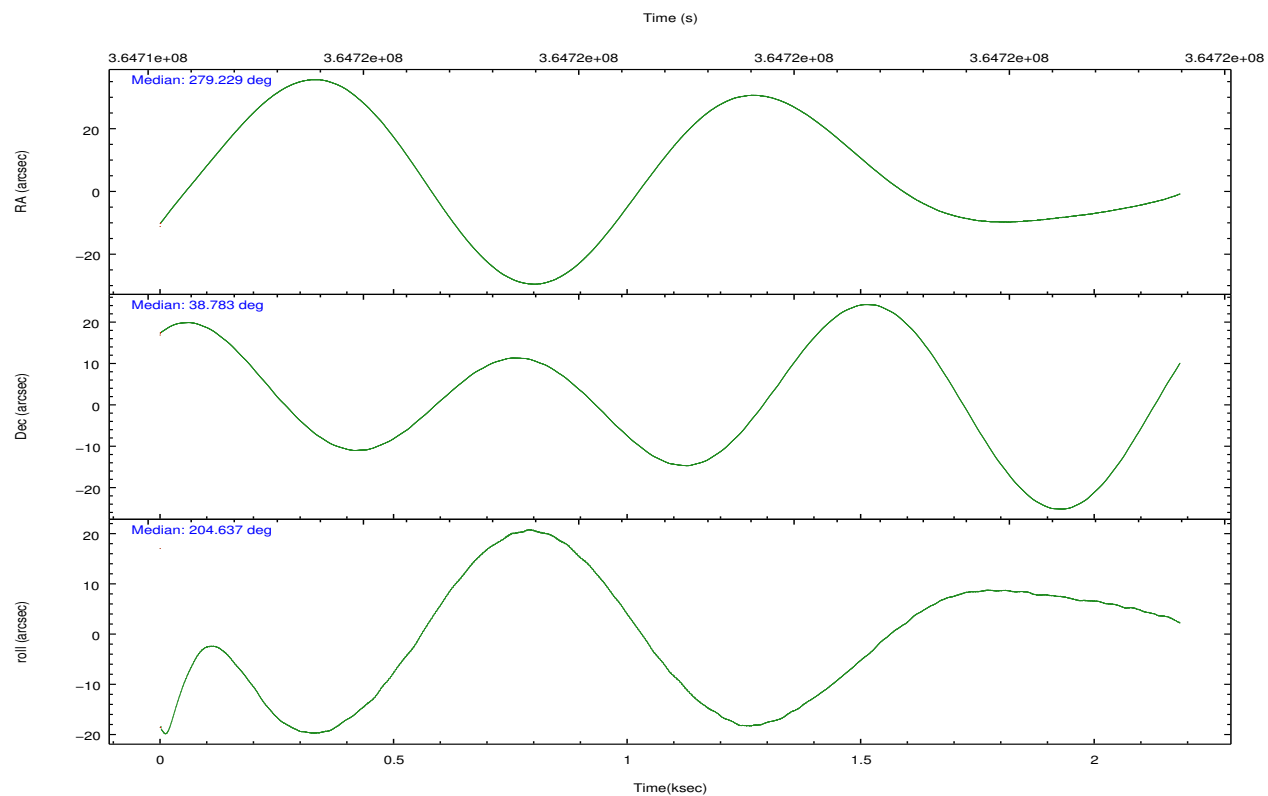
	segment 0
level 1 events	300114
rejected events	66855
rejected %	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.249117	279.2297154475459			
[deg] Pointing Dec	38.806093	38.78327682667418			
[deg] Pointing Roll	204.721908	204.6383954641629			
[s] Window start time (MET)	360201666.184000	360201666.184000			
[s] Window stop time (MET)	368064066.184000	368064066.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	364714807.184000	364714026.35875			
Observation start date	2009-07-23T05:39:01	2009-07-23T05:27:06			
[s] Observation end time (MET)	364716807.184000	364716944.5339			
Observation end date	2009-07-23T06:12:21	2009-07-23T06:15:44			

2.3 Aspect



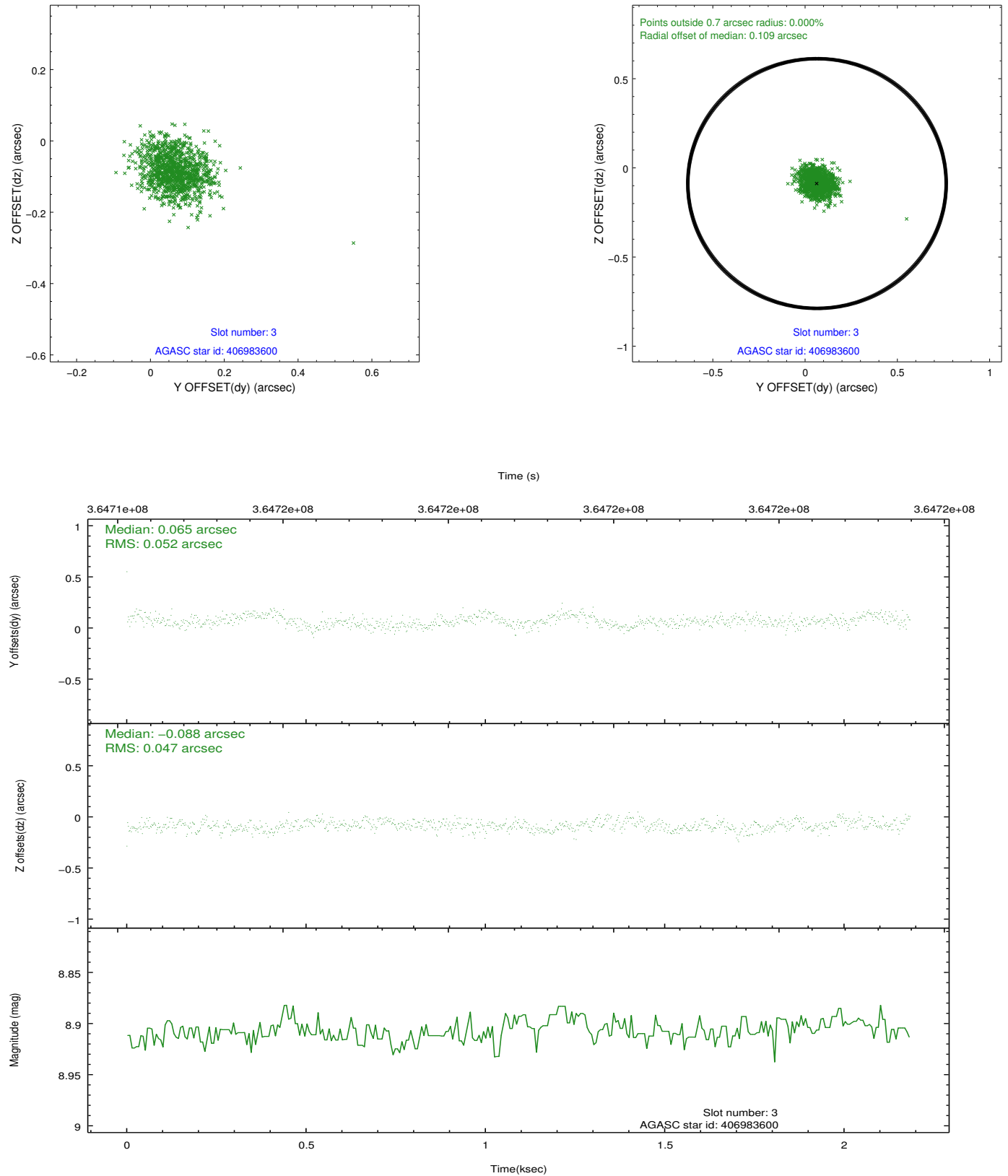


Slot Statistics

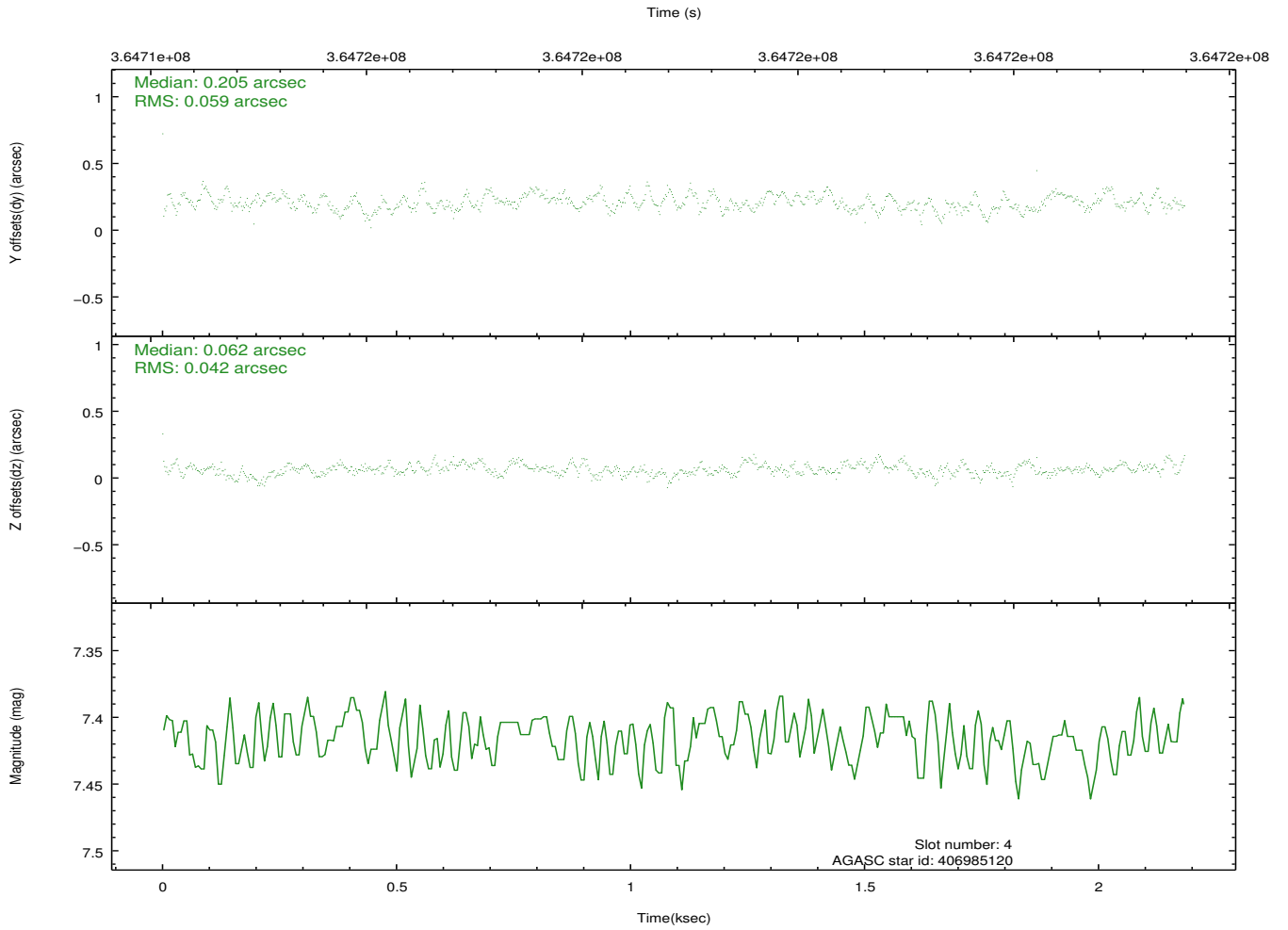
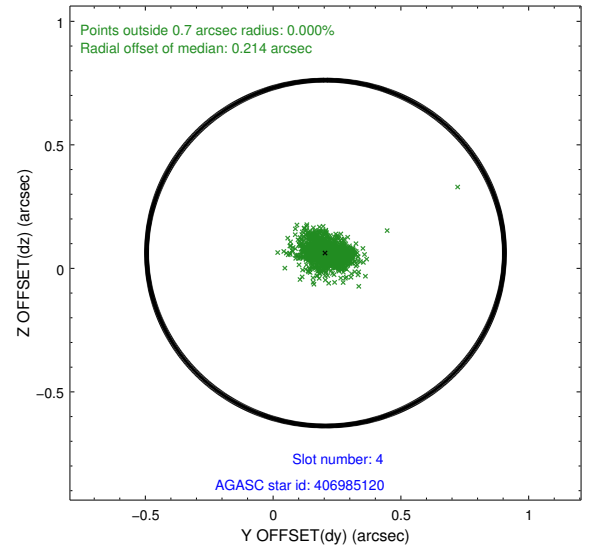
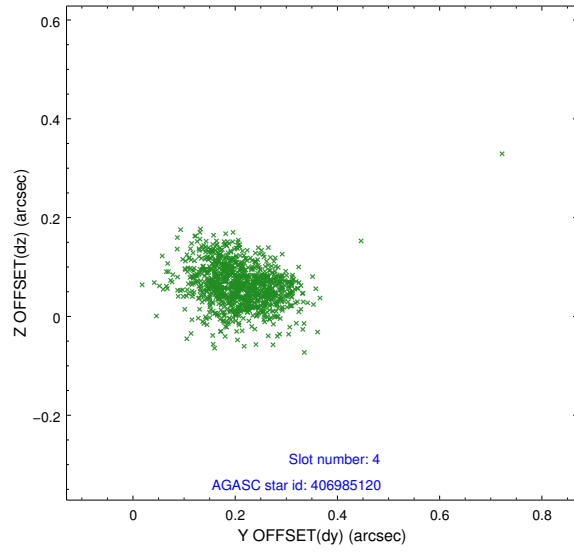
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	533	-0.093	0.031	0.006	0.010	0.000000	0.000000	-769.65	-1302.13
1	FID	HRC-I-2	7.03	533	0.250	-0.132	0.006	0.010	0.000000	0.000000	841.88	-1306.26
2	FID	HRC-I-3	7.08	533	-0.038	0.011	0.006	0.010	0.000000	0.000000	-1196.56	999.96
3	GUIDE	406983600	8.91	1065	0.065	-0.088	0.074	0.118	279.940957	39.020708	-2083.99	100.82
4	GUIDE	406985120	7.41	1066	0.205	0.062	0.074	0.120	278.839732	38.894839	905.76	-772.99
5	GUIDE	407521232	8.63	1066	0.075	0.209	0.079	0.127	279.628883	39.431715	-1900.85	-1607.75
6	GUIDE	406987272	6.94	1066	-0.268	-0.114	0.051	0.085	278.536588	38.437504	2374.96	354.93
7	GUIDE	406993992	7.61	1065	-0.082	-0.074	0.066	0.106	279.053714	38.034587	1666.68	2290.38

2.4 Star Slots

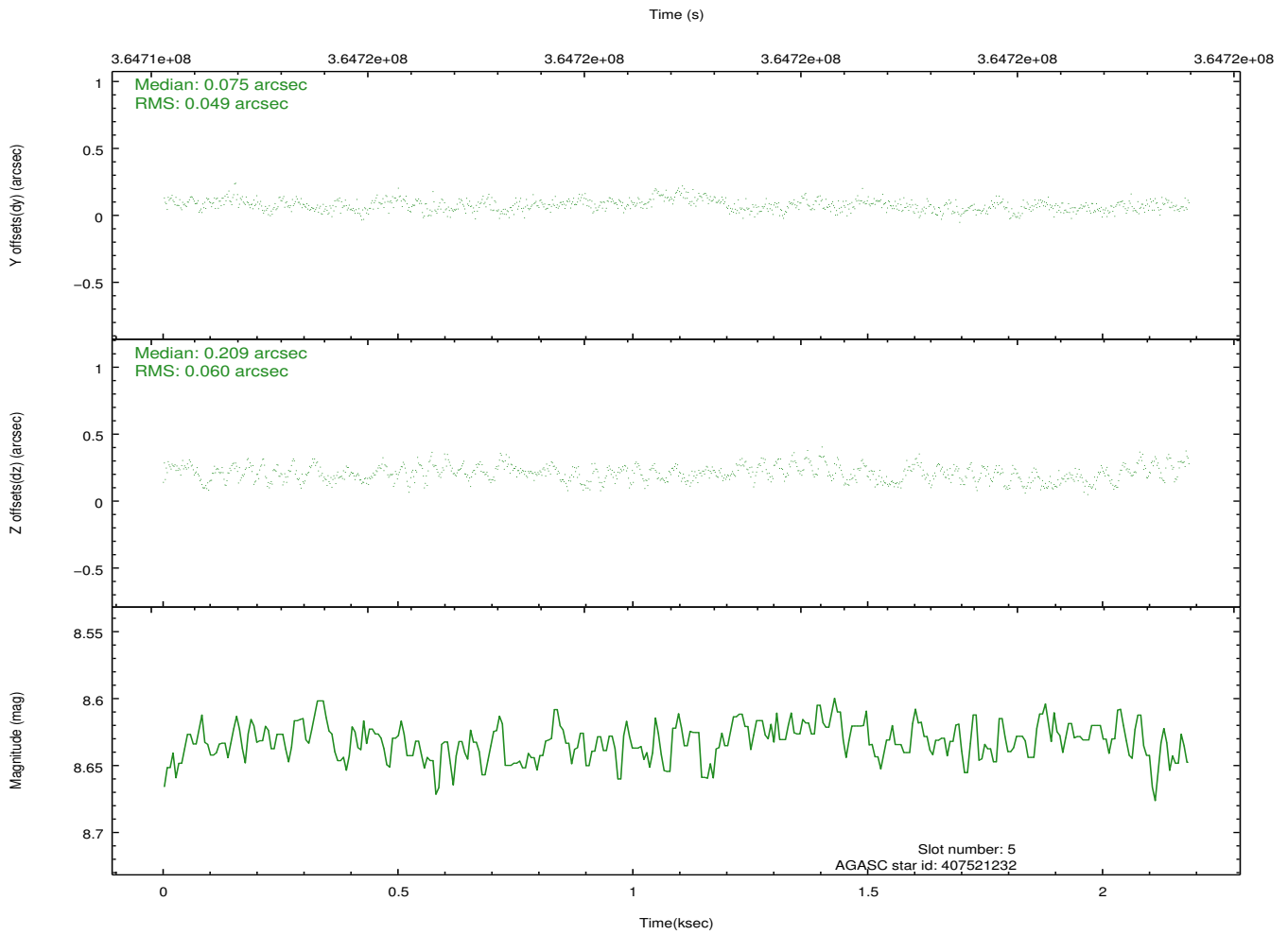
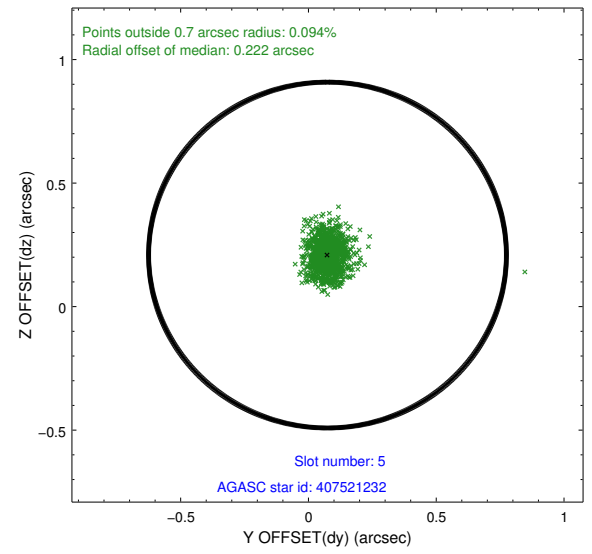
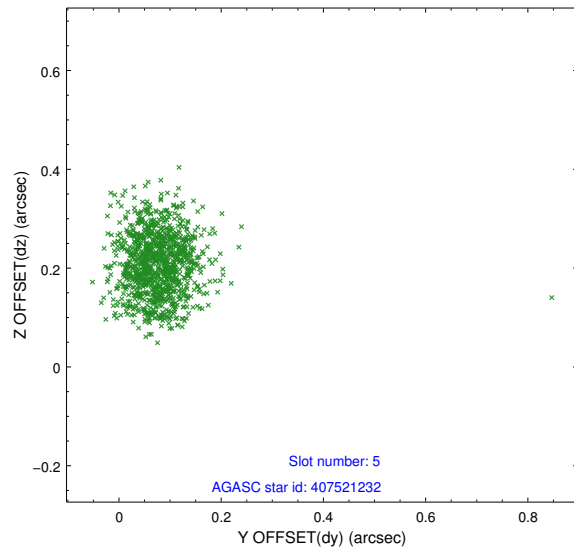
2.4.1 Slot 3



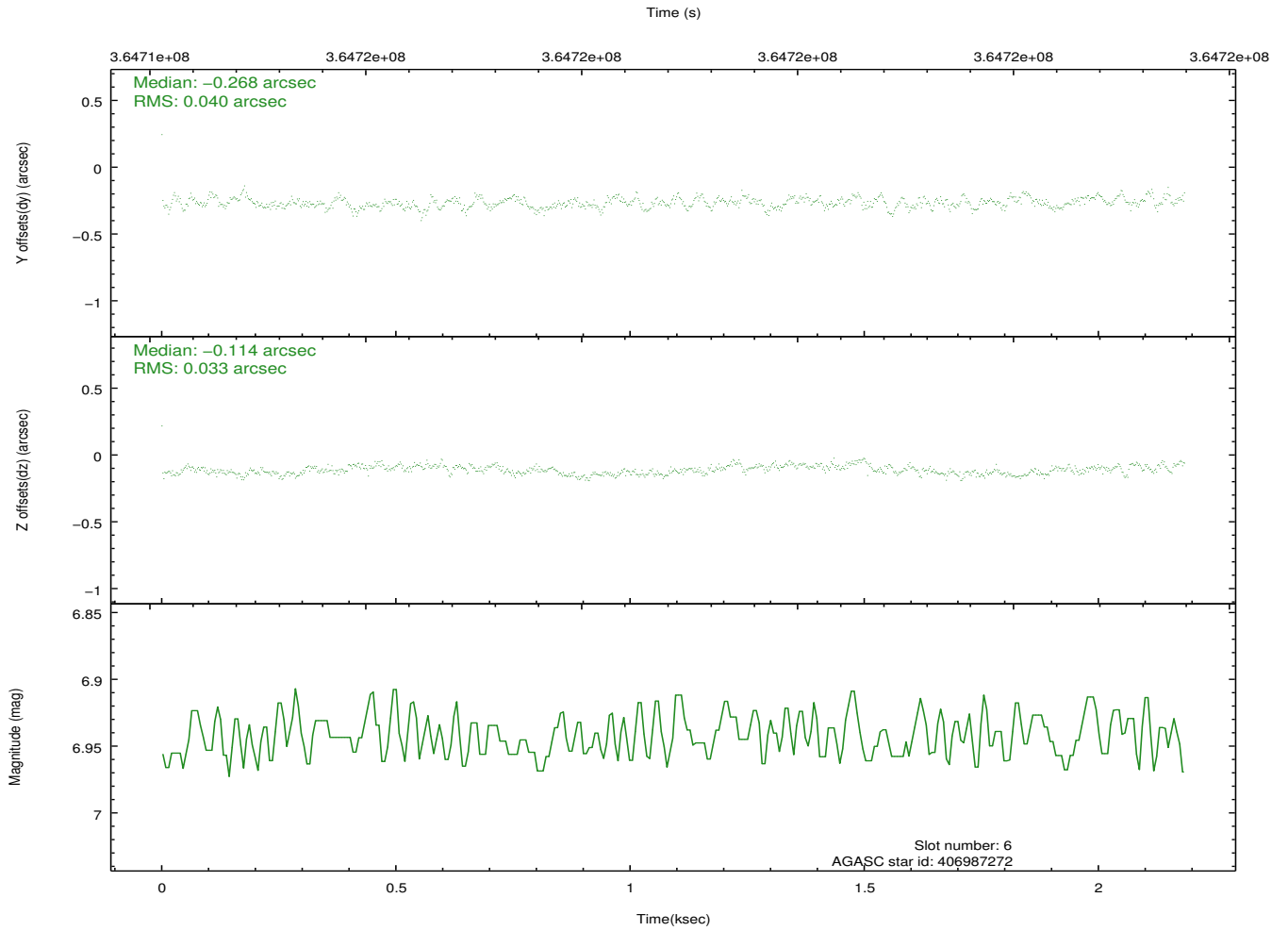
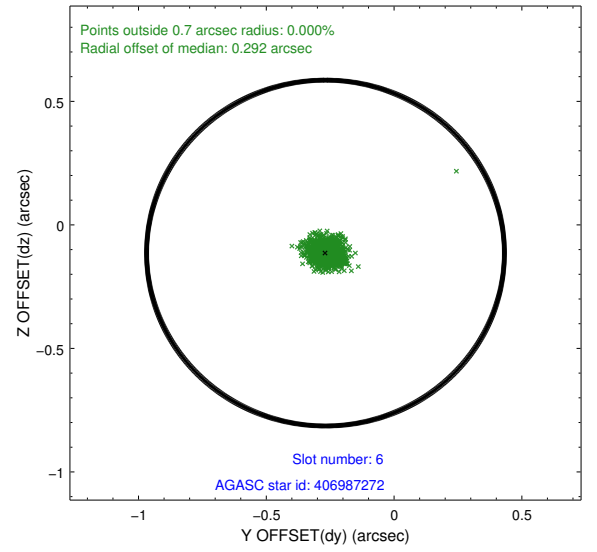
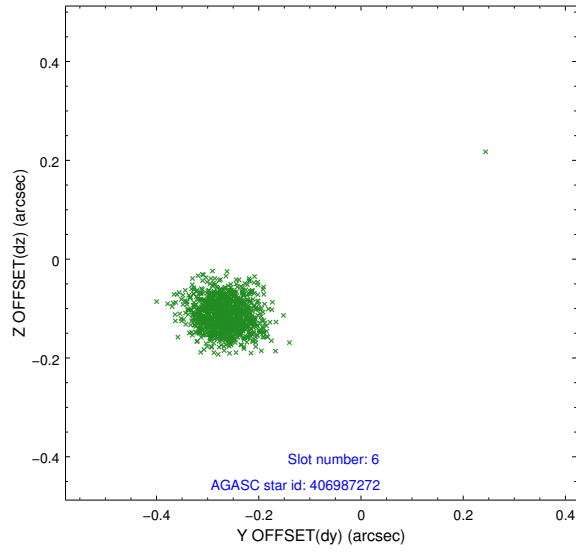
2.4.2 Slot 4



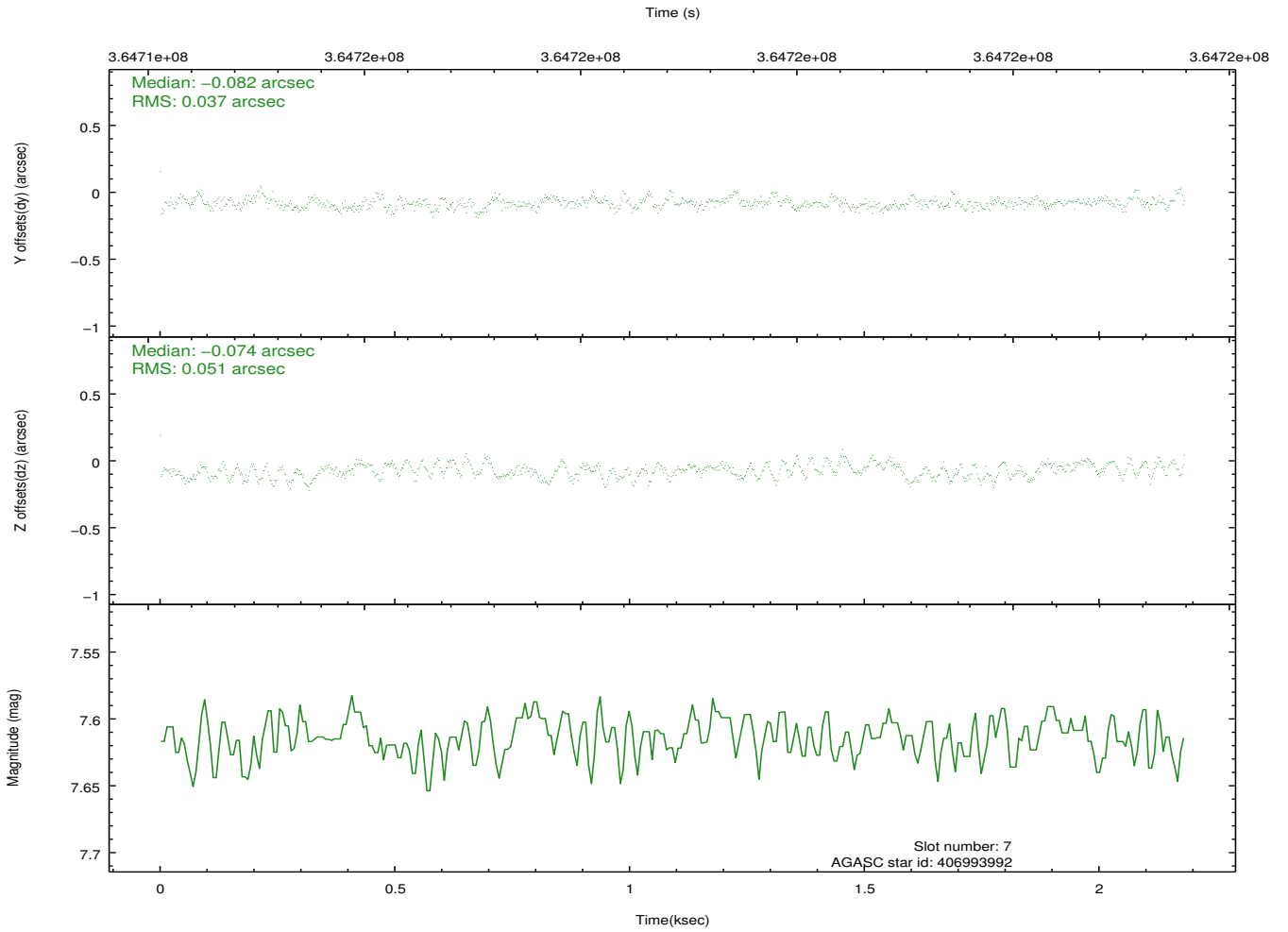
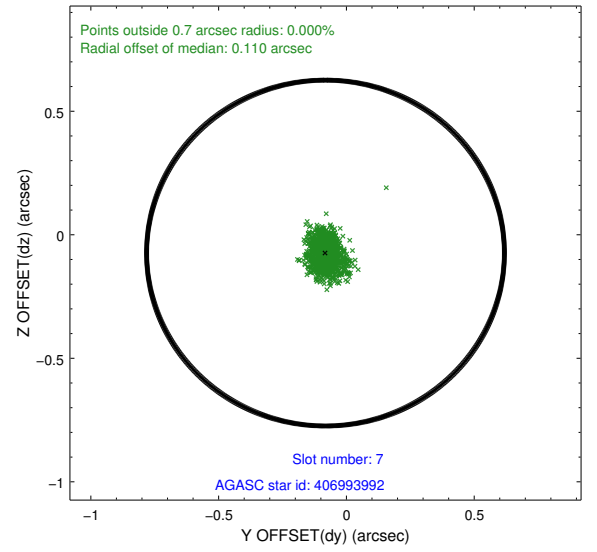
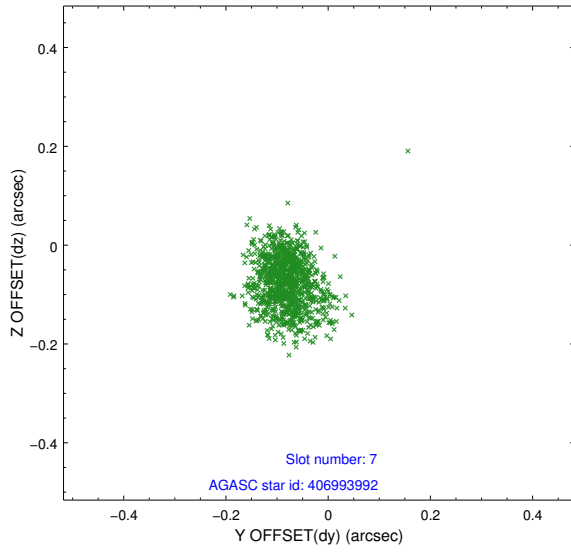
2.4.3 Slot 5



2.4.4 Slot 6

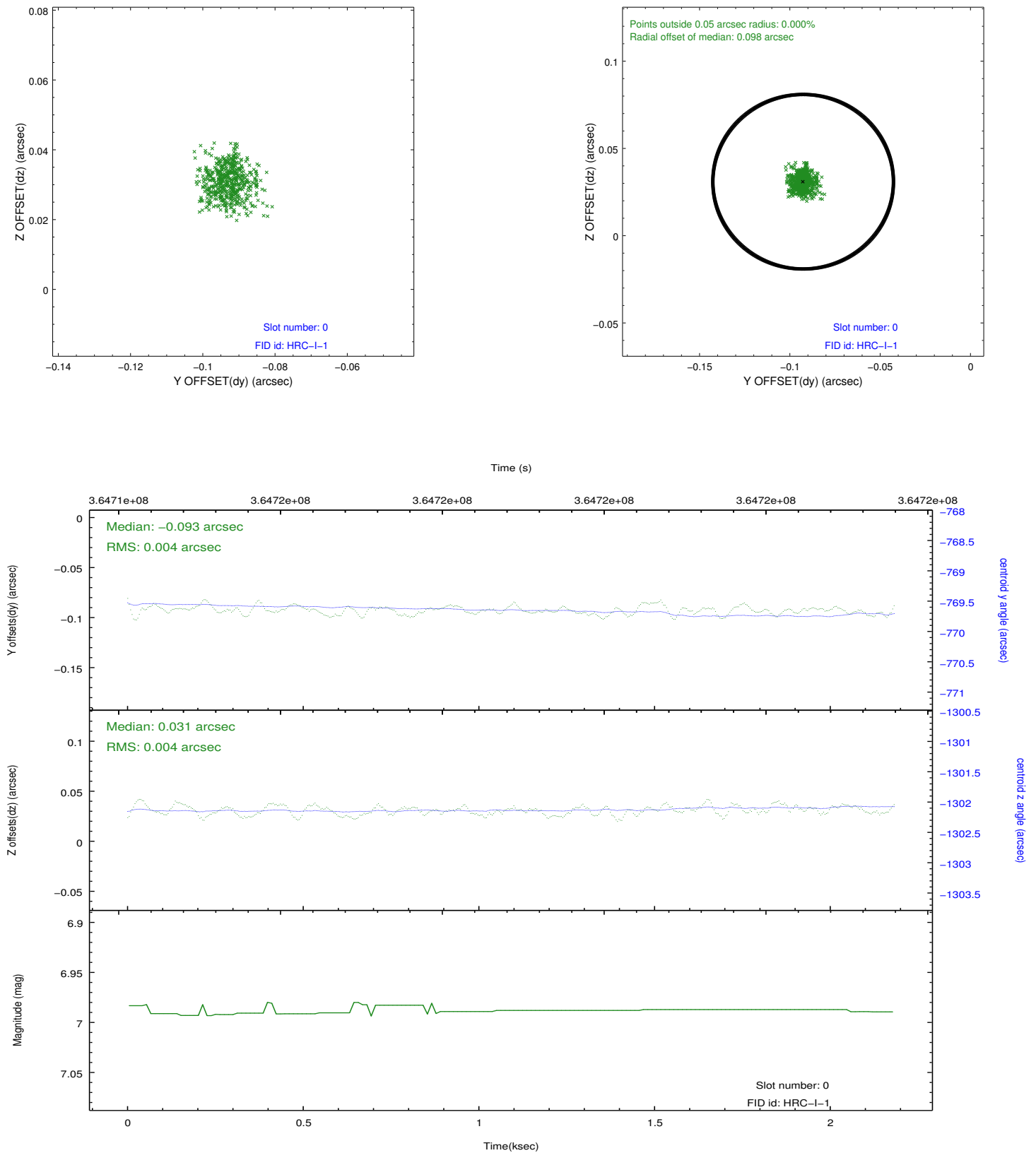


2.4.5 Slot 7

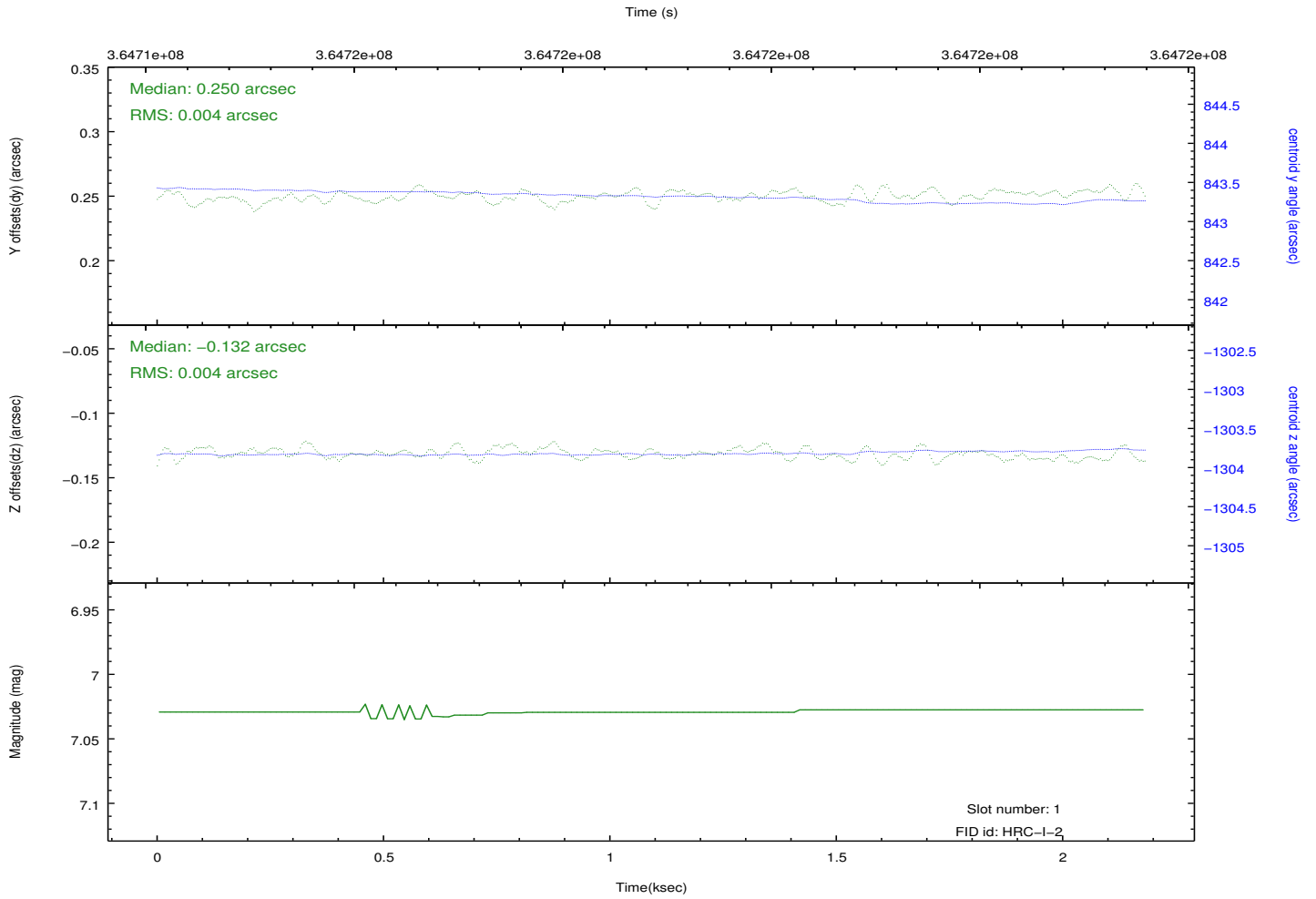
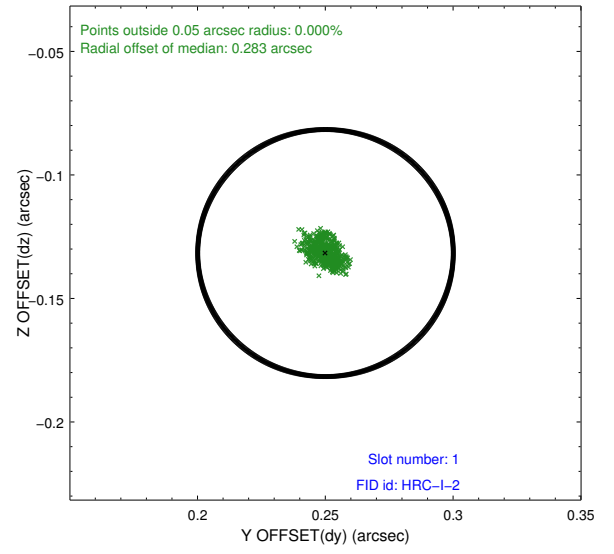
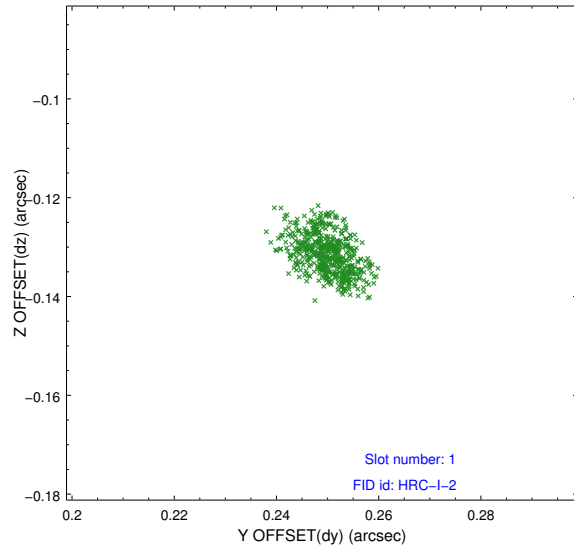


2.5 FID Slots

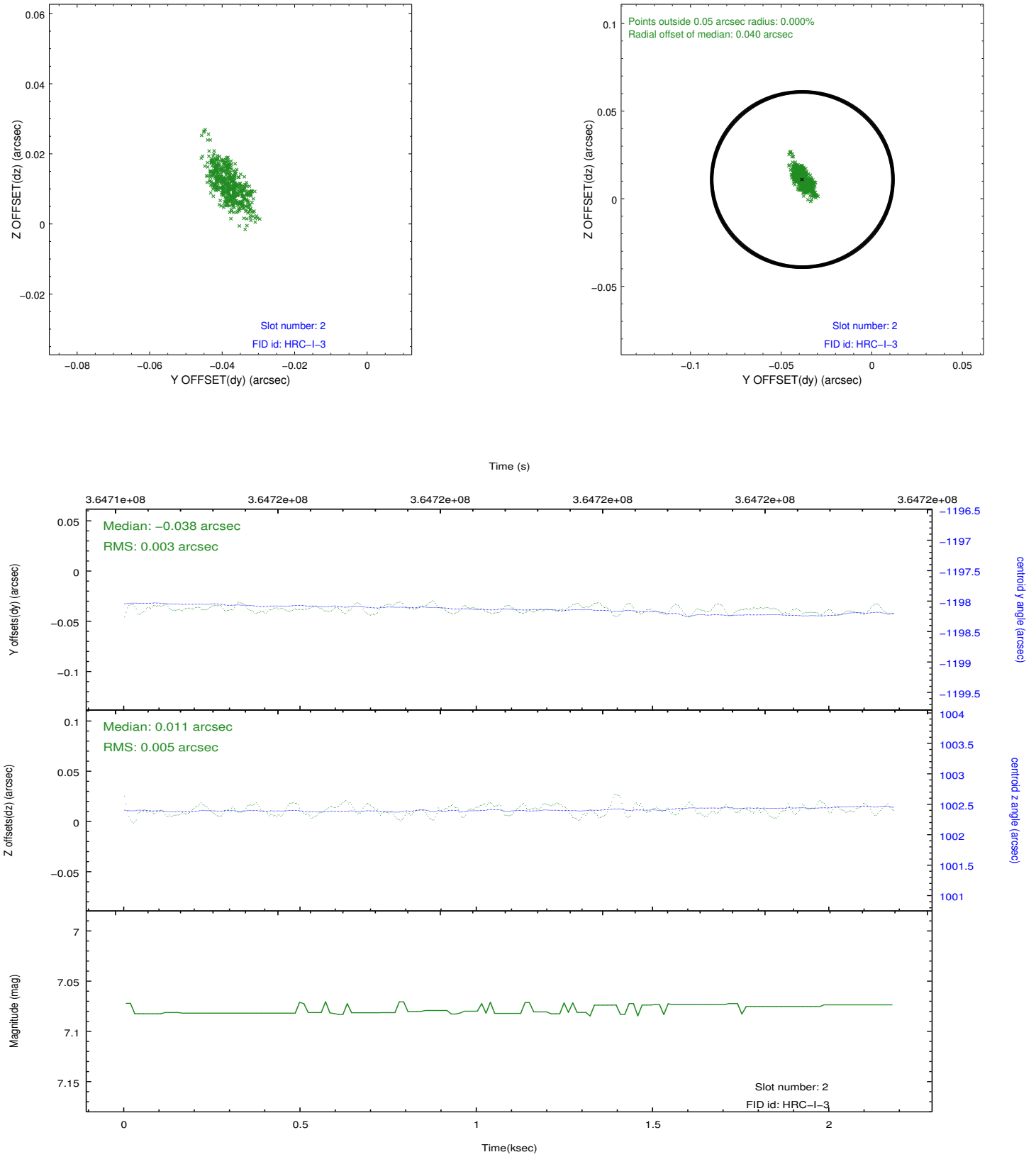
2.5.1 Slot 0



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	2.1791501089334

A.2 Comments

Window preference met.