

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5965 - L2 Version 4
Chandra X-Ray Center

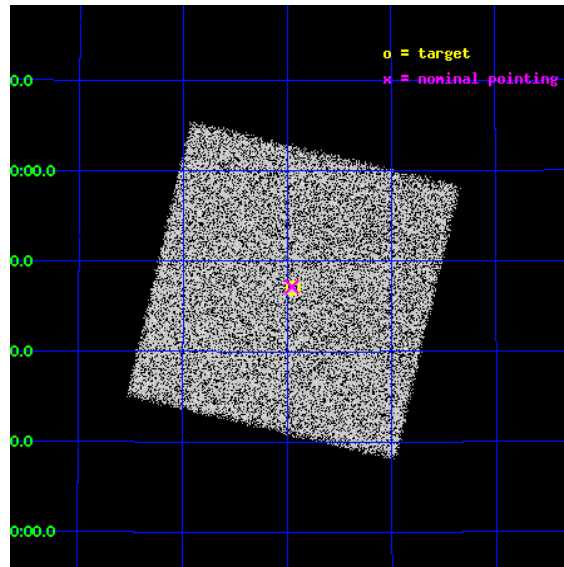
L2 Processing Date : Mar 15 2013

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1 Front

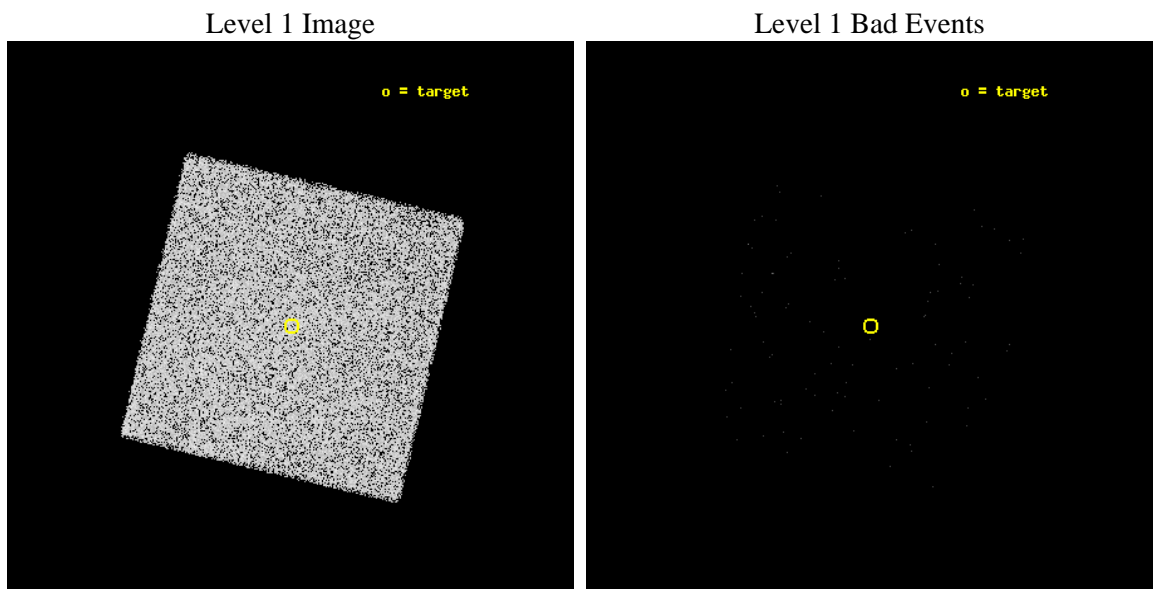
seq_num	290457	Sequence number
obs_id	5965	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23892024508	Nominal RA [deg]
dec_nom	38.786354035948	Nominal Dec [deg]
roll_nom	58.296779864063	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1795.0313312709	[s]
livetime	1783.6008949236	Ontime multiplied by DTCOR
l2events	60333	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	8.5.1	Processing system revision	ontime	1795.0313312709	[s]
caldbver	4.5.5	 	l1events	93203	Number of level 1 events
date	2012-12-17T16:49:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

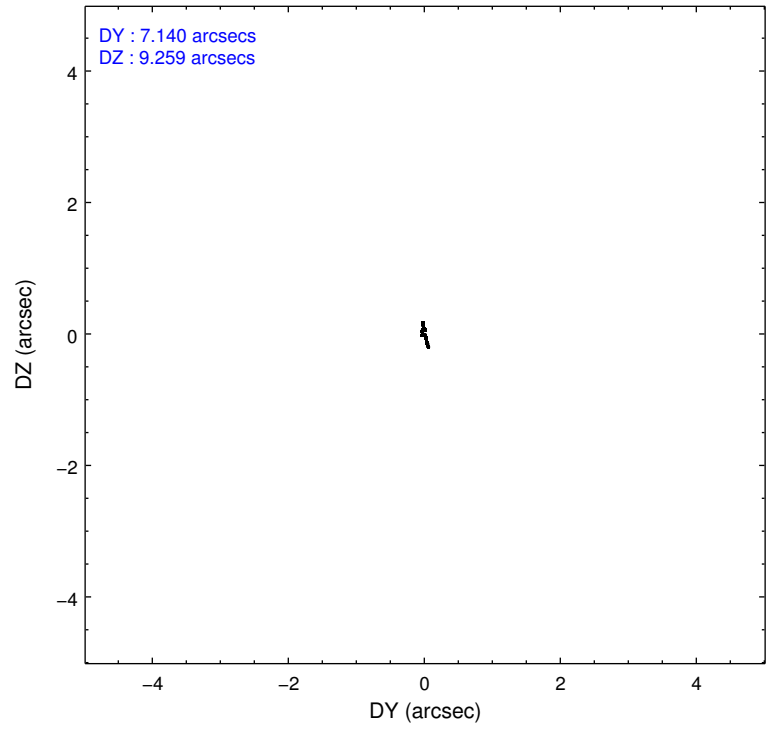
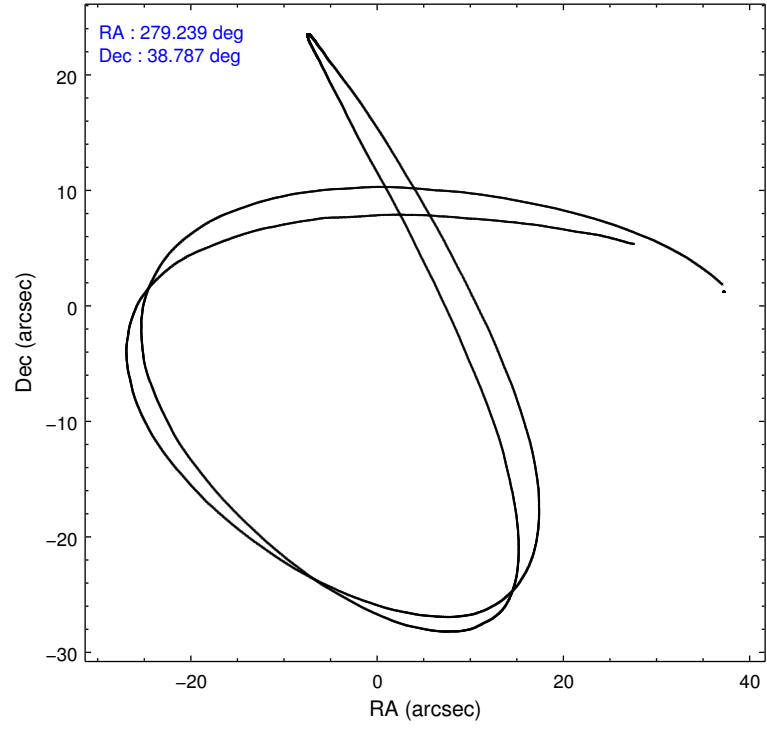
Level 1 Events

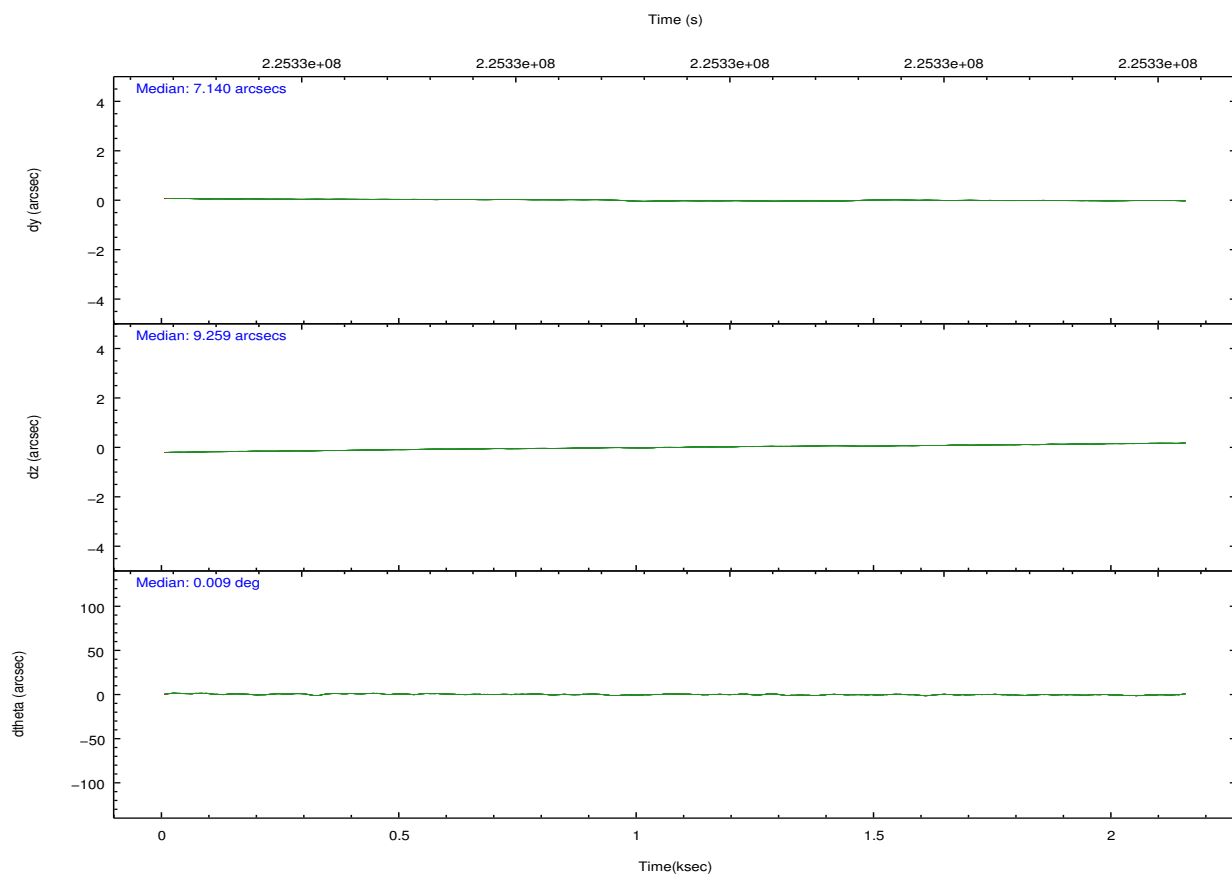
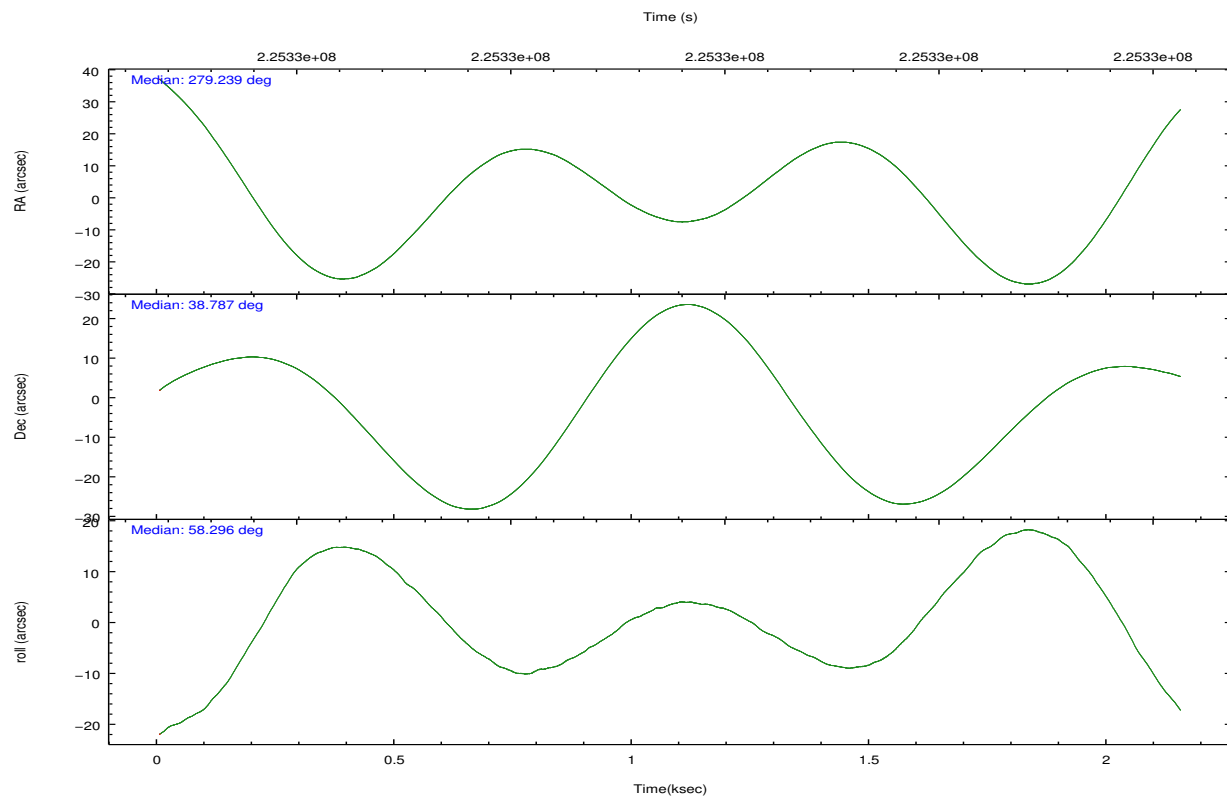
	segment 0
level 1 events	93203
rejected events	3402
rejected %	3%

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	279.239124	279.2389202450768			
[deg] Pointing Dec	38.759109	38.78635403594832			
[deg] Pointing Roll	58.392157	58.29677986406325			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	228614464.184000	228614464.184000			
[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)	225329949.184000	225329551.76094			
Observation start date	2005-02-20T23:38:05	2005-02-20T23:32:31			
[s] Observation end time (MET)	225331949.184000	225332086.07356			
Observation end date	2005-02-21T00:11:25	2005-02-21T00:14:46			

2.3 Aspect



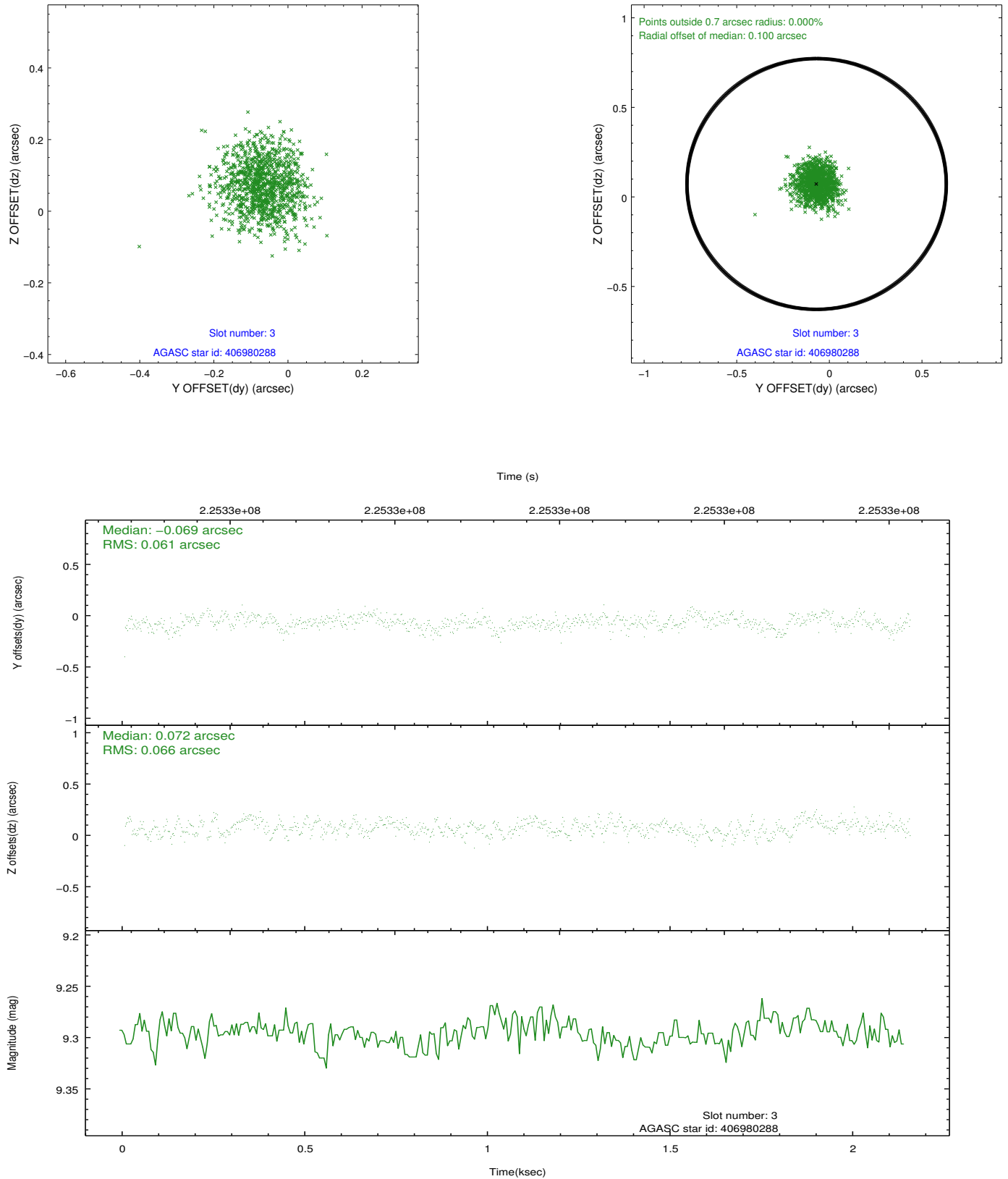


Slot Statistics

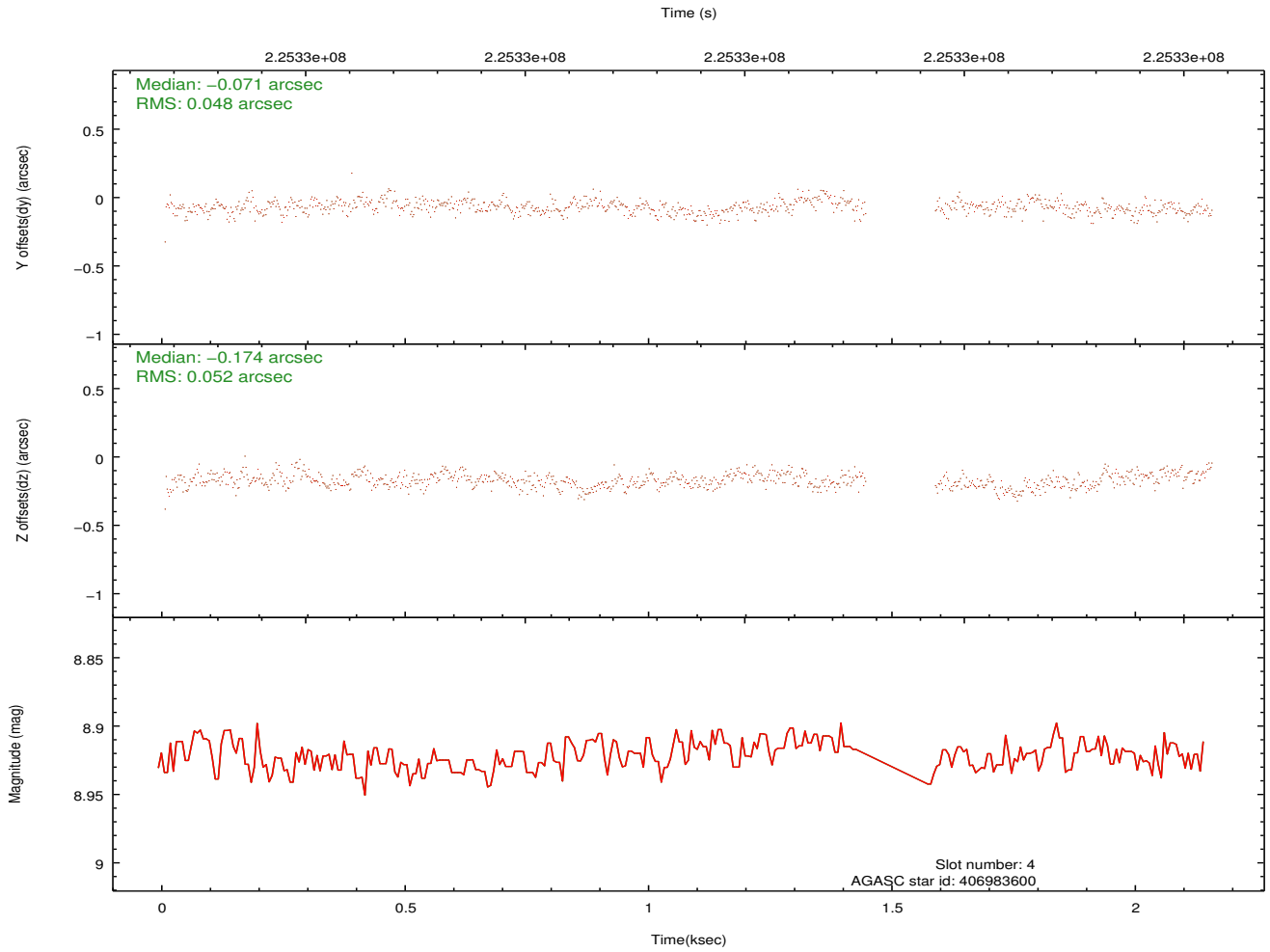
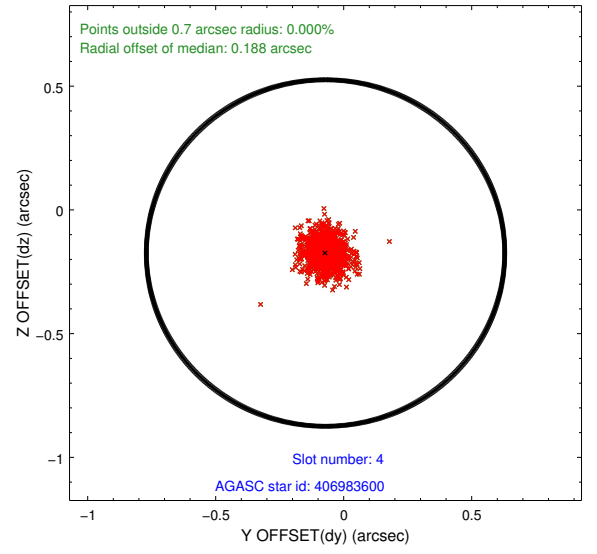
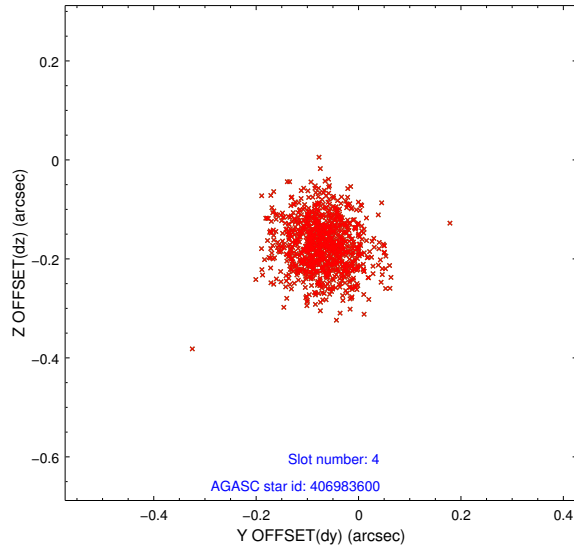
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	525	-0.008	0.057	0.007	0.011	0.000000	0.000000	-762.75	-1297.10
1	FID	HRC-I-2	7.03	525	0.115	-0.079	0.007	0.012	0.000000	0.000000	848.55	-1301.29
2	FID	HRC-I-3	7.07	525	0.013	-0.068	0.008	0.013	0.000000	0.000000	-1189.59	1004.86
3	GUIDE	406980288	9.30	1044	-0.069	0.072	0.096	0.150	278.903147	39.061646	438.62	1370.40
4	BAD	406983600	8.92	981	-0.071	-0.174	0.075	0.121	279.940957	39.020708	1837.13	-1175.79
5	GUIDE	406985120	7.42	1050	-0.064	0.083	0.072	0.118	278.839732	38.894839	-166.30	1208.11
6	GUIDE	406987272	6.94	1050	0.048	-0.158	0.056	0.089	278.536588	38.437504	-2017.52	1084.33
7	GUIDE	406989616	8.23	1049	0.145	0.161	0.078	0.128	279.202881	38.520843	-785.46	-362.70

2.4 Star Slots

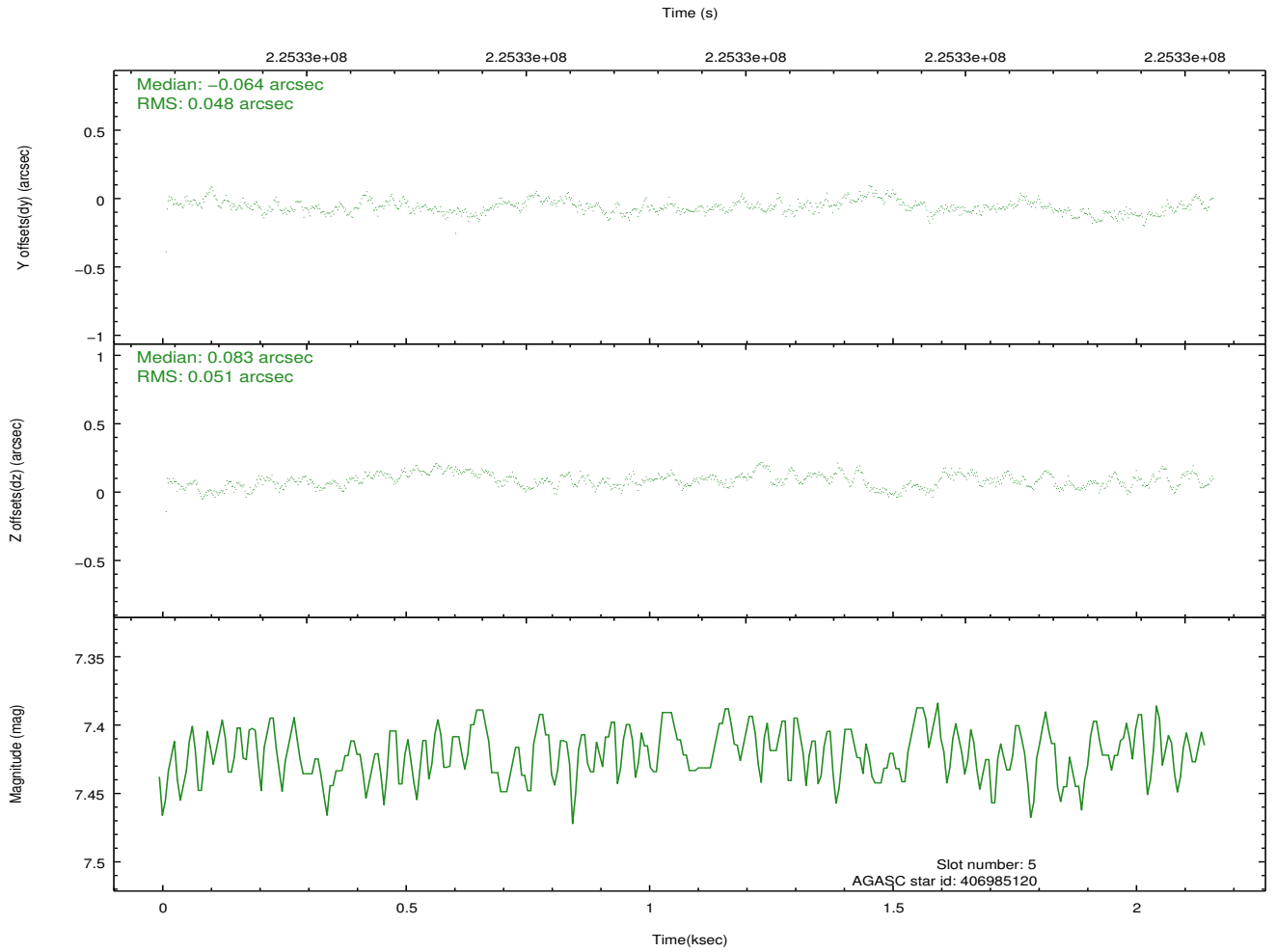
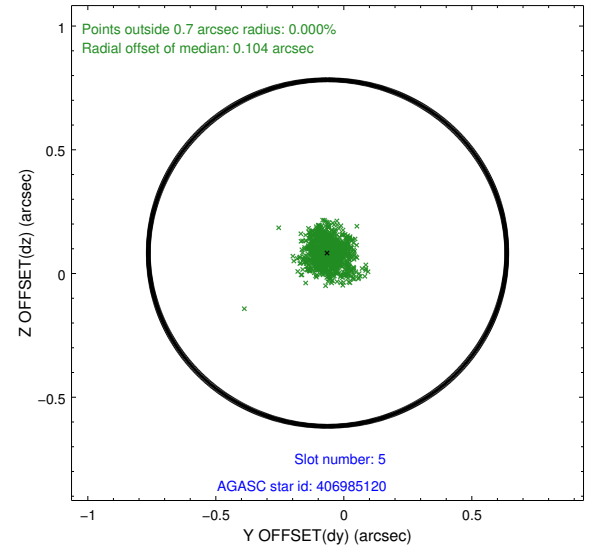
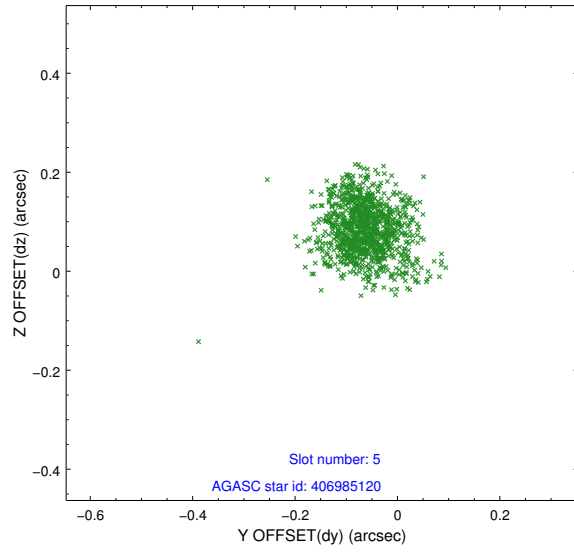
2.4.1 Slot 3



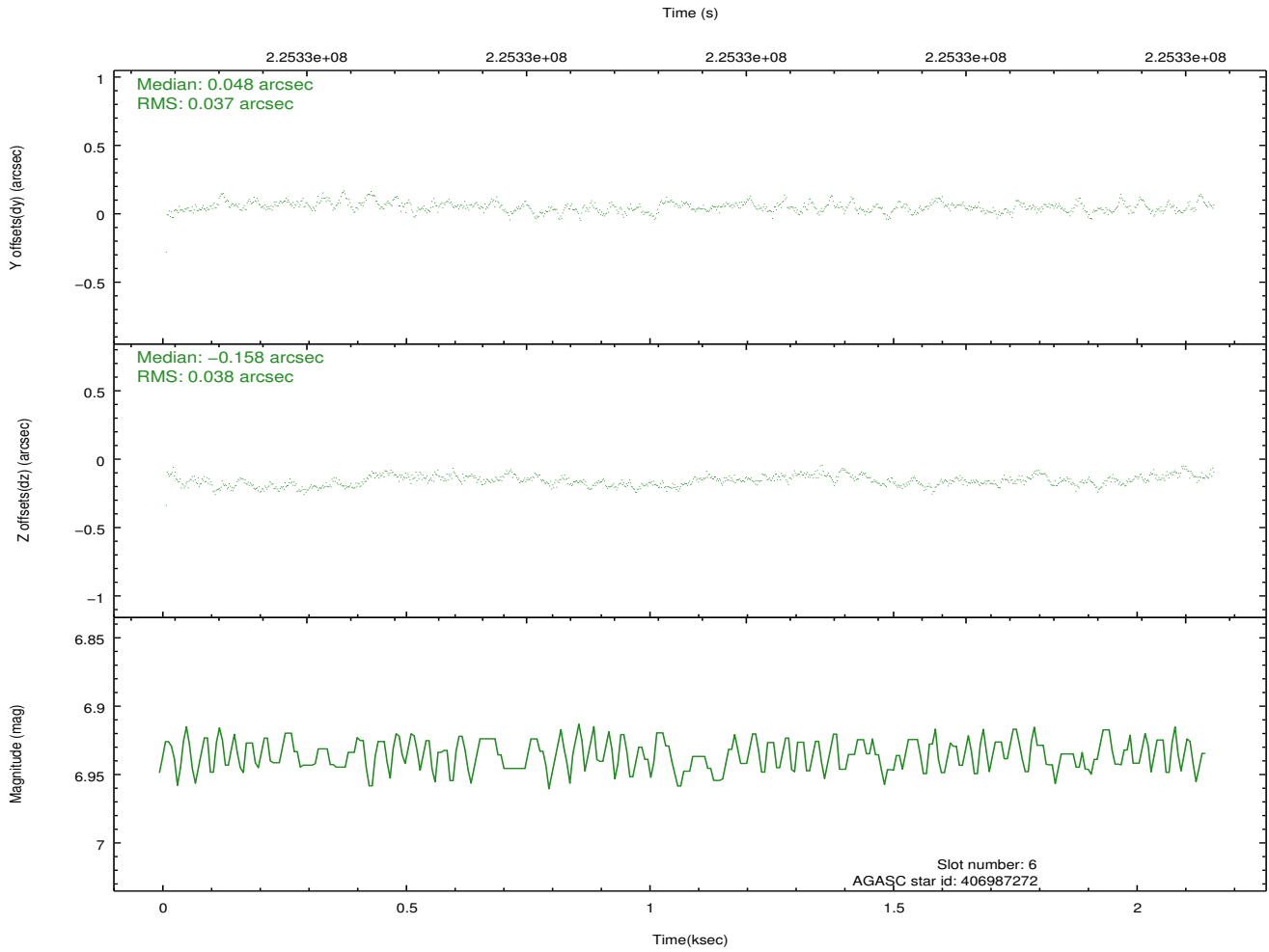
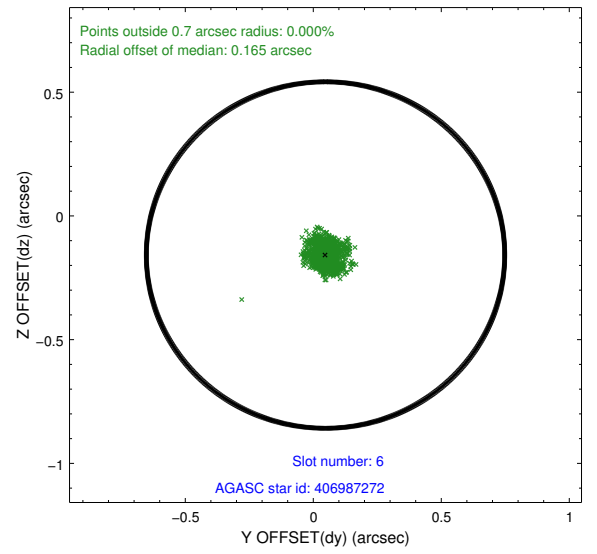
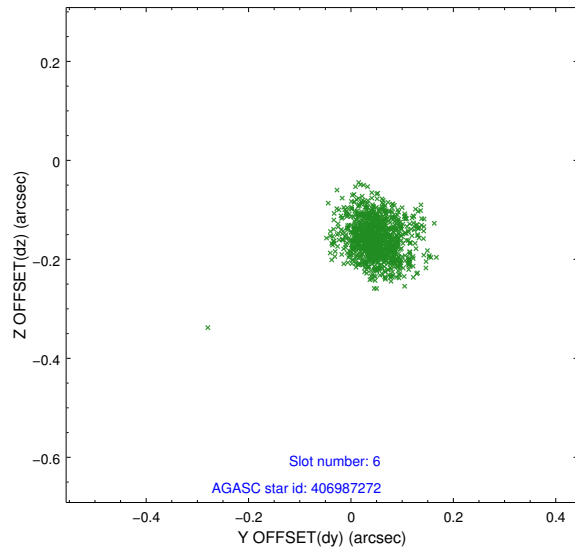
2.4.2 Slot 4



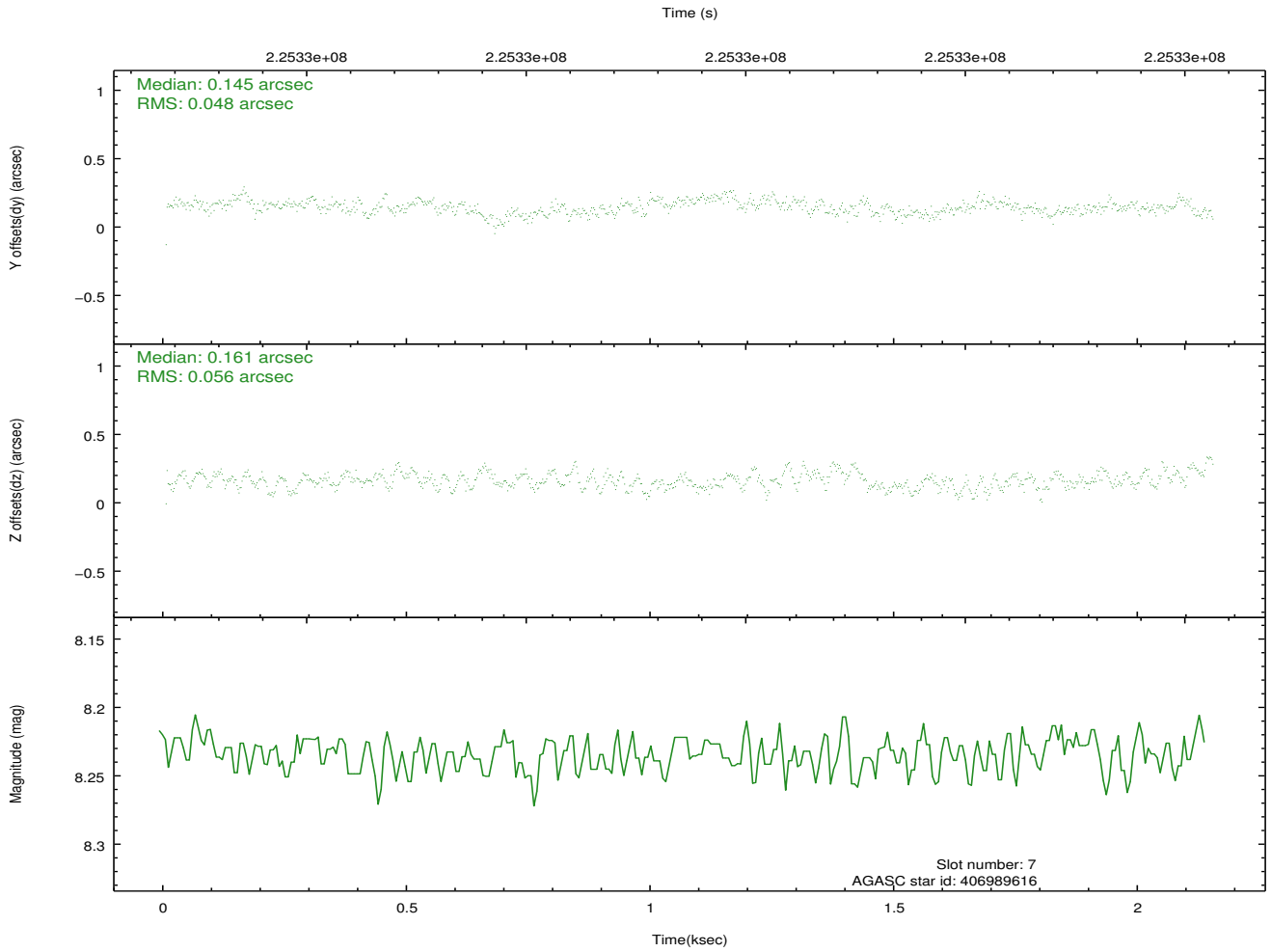
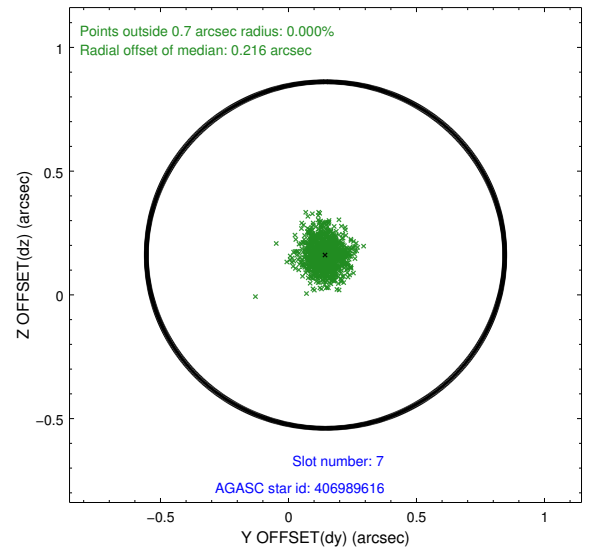
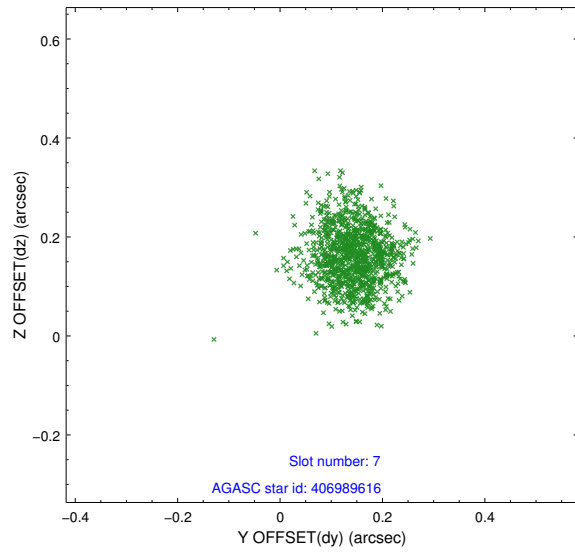
2.4.3 Slot 5



2.4.4 Slot 6

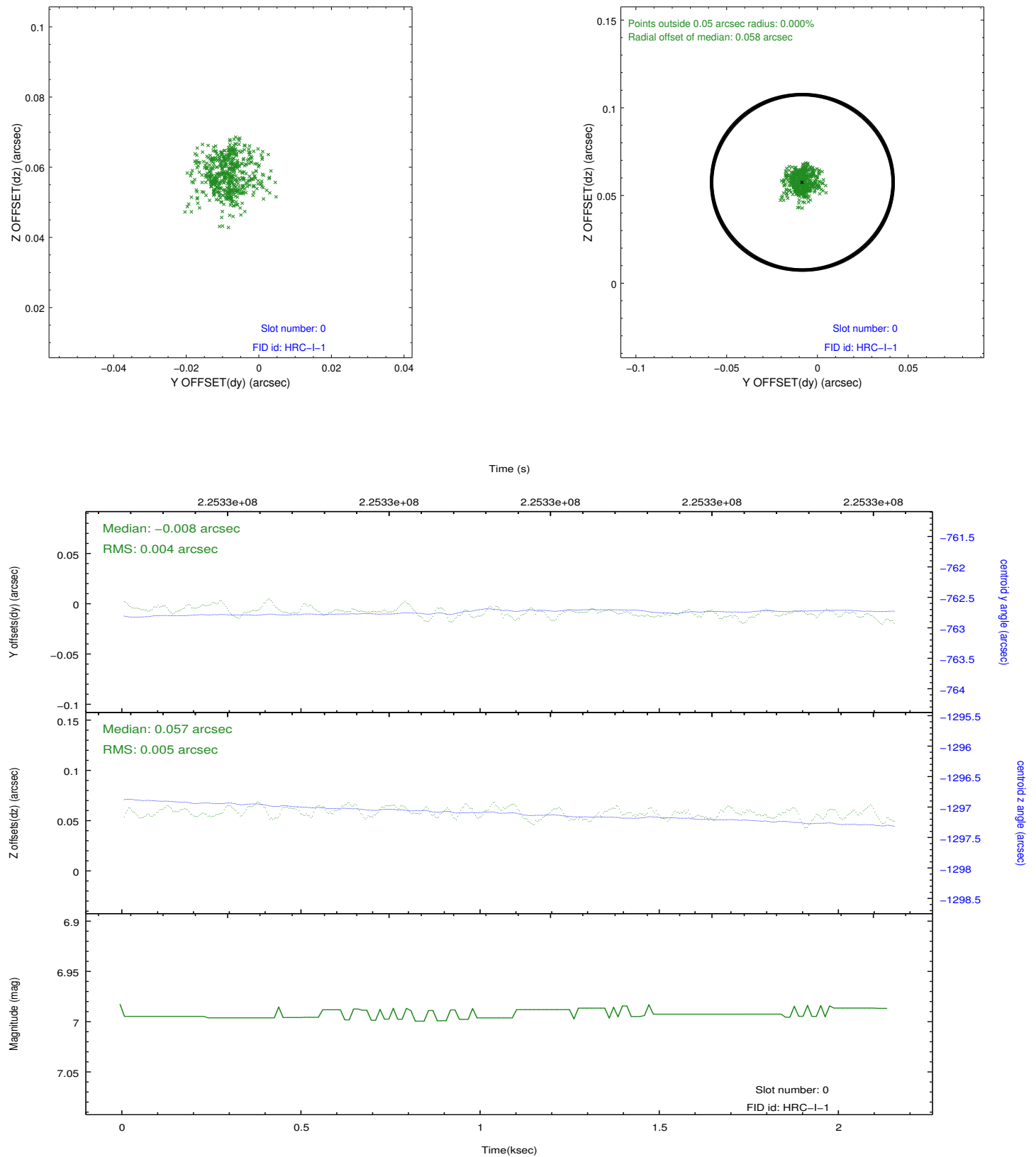


2.4.5 Slot 7

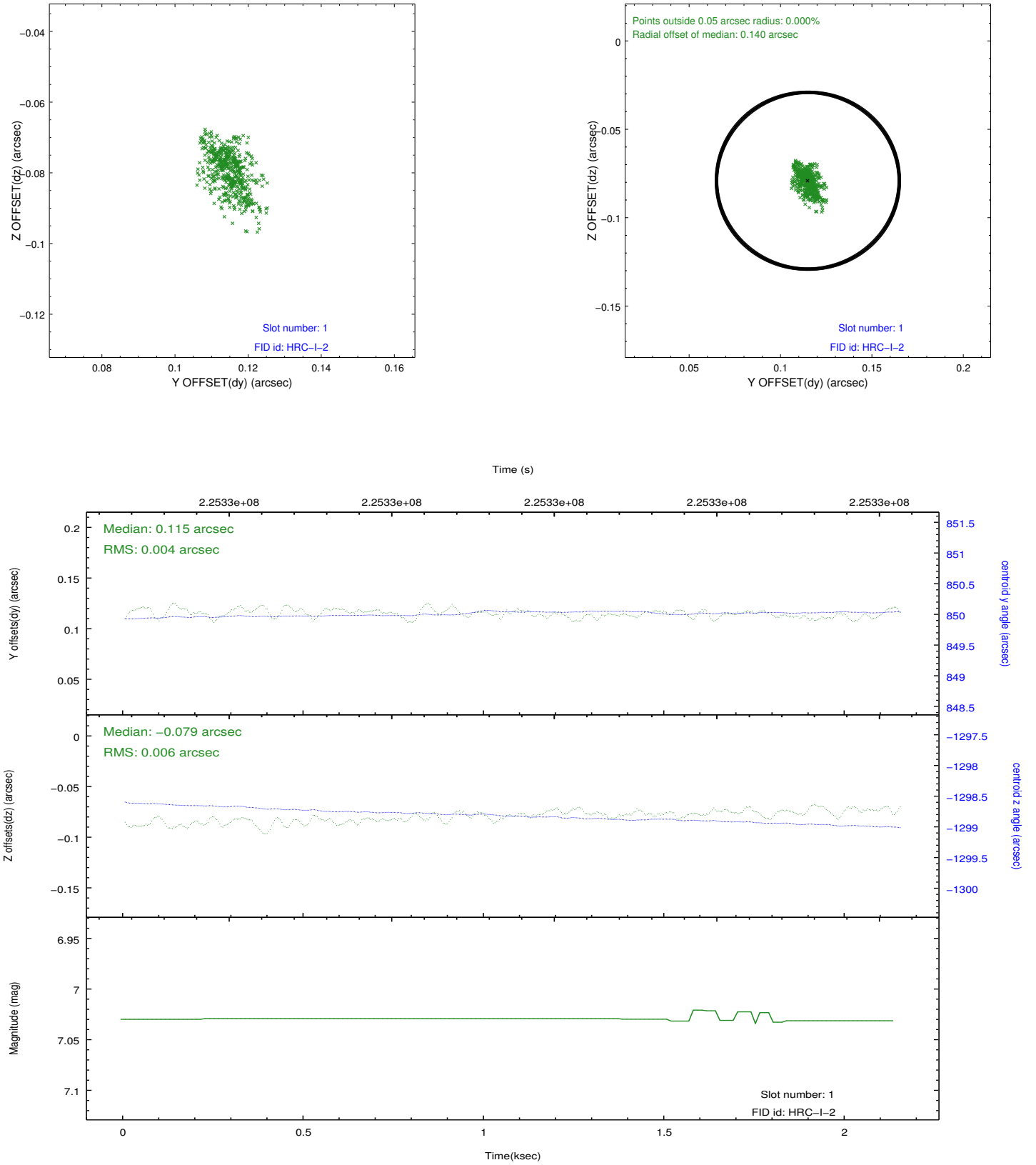


2.5 FID Slots

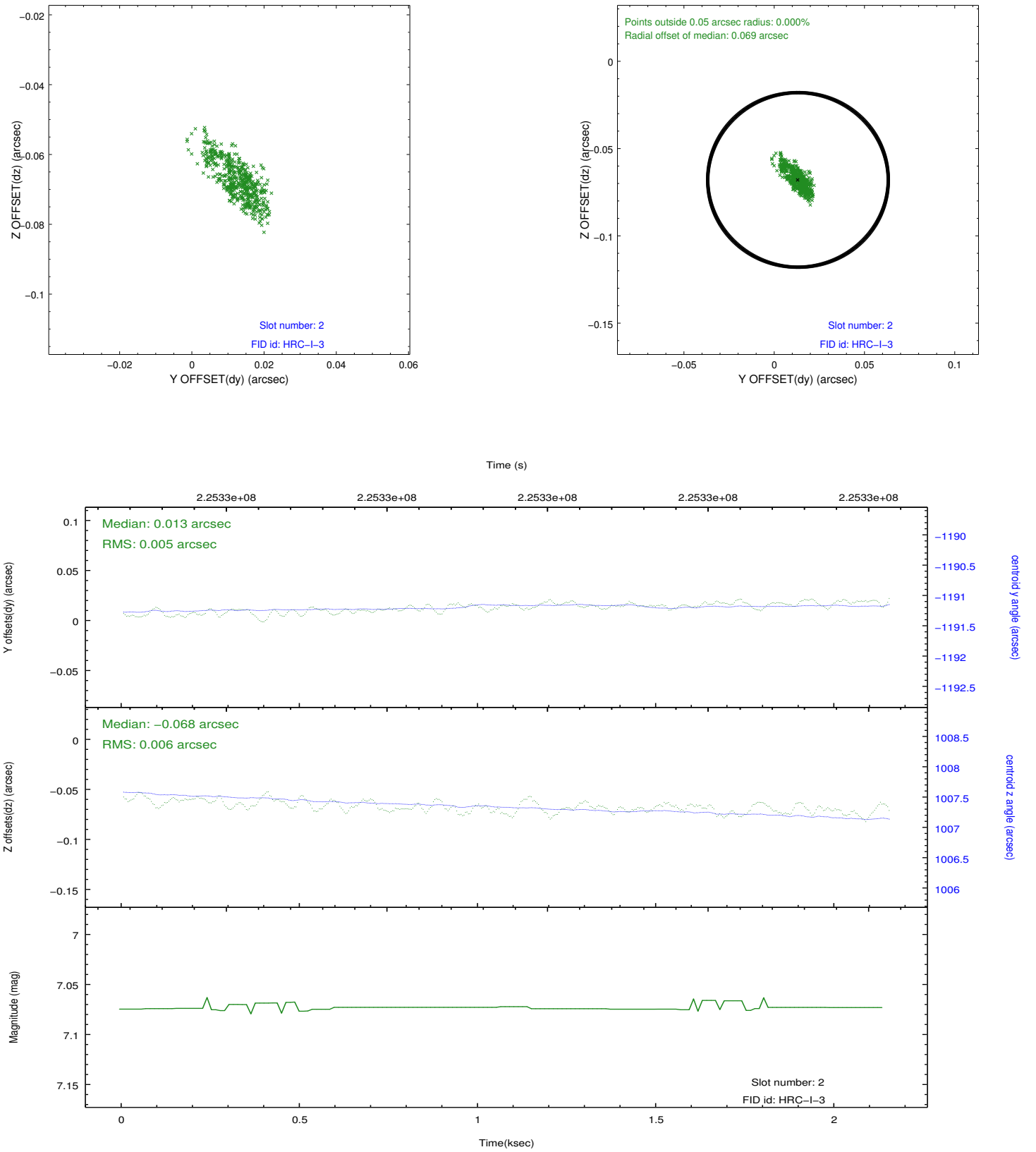
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.03.18
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.795031

A.2 Comments

Window preference met.