

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1469 - L2 Version 4

Chandra X-Ray Center

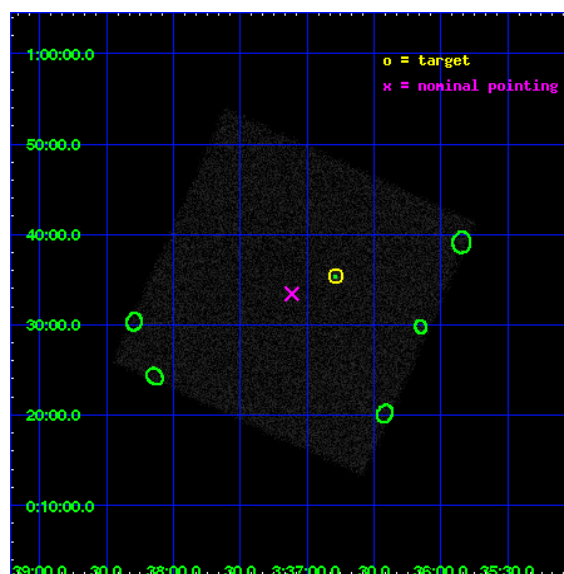
L2 Processing Date : Nov 24 2009

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1 Front

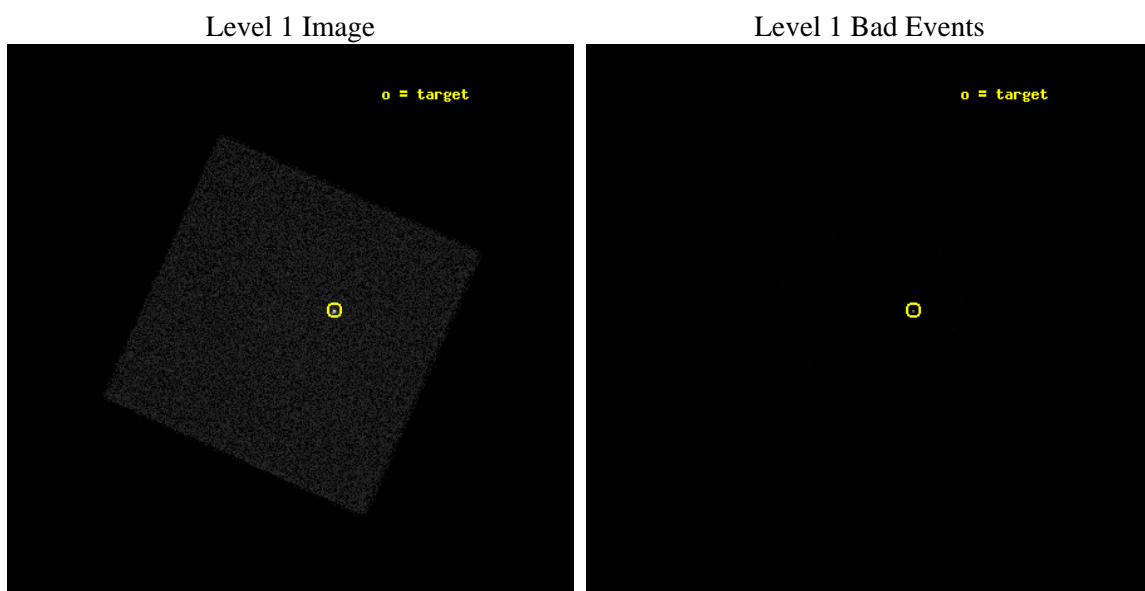
seq_num	290045	Sequence number
obs_id	1469	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.278800551701	Nominal RA
dec_nom	0.55698217781719	Nominal Dec
roll_nom	339.23899808317	Nominal Roll
revision	4	Processing version of data
ontime	2165.0563282371	[s]
livetime	2150.4414844622	Ontime multiplied by DTCOR
l2events	82520	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	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	2165.0563282371	[s]
caldbver	4.1.4	 	l1events	119981	Number of level 1 events
date	2009-11-24T15:00:31	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

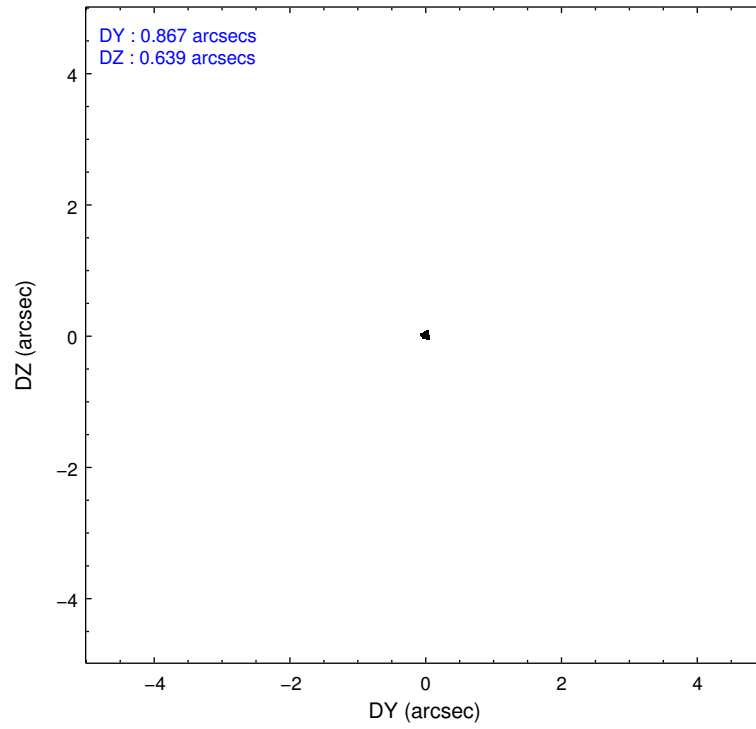
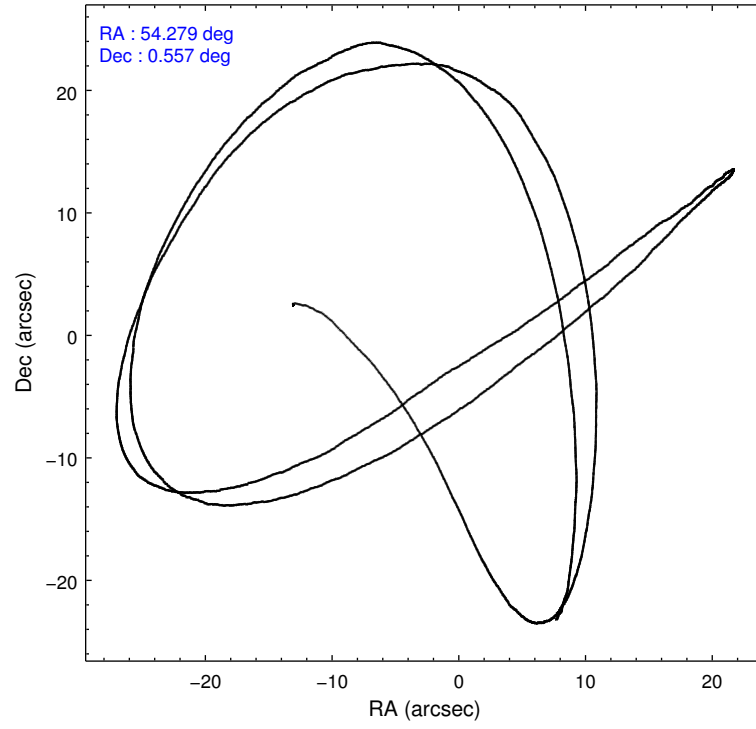
Level 1 Events

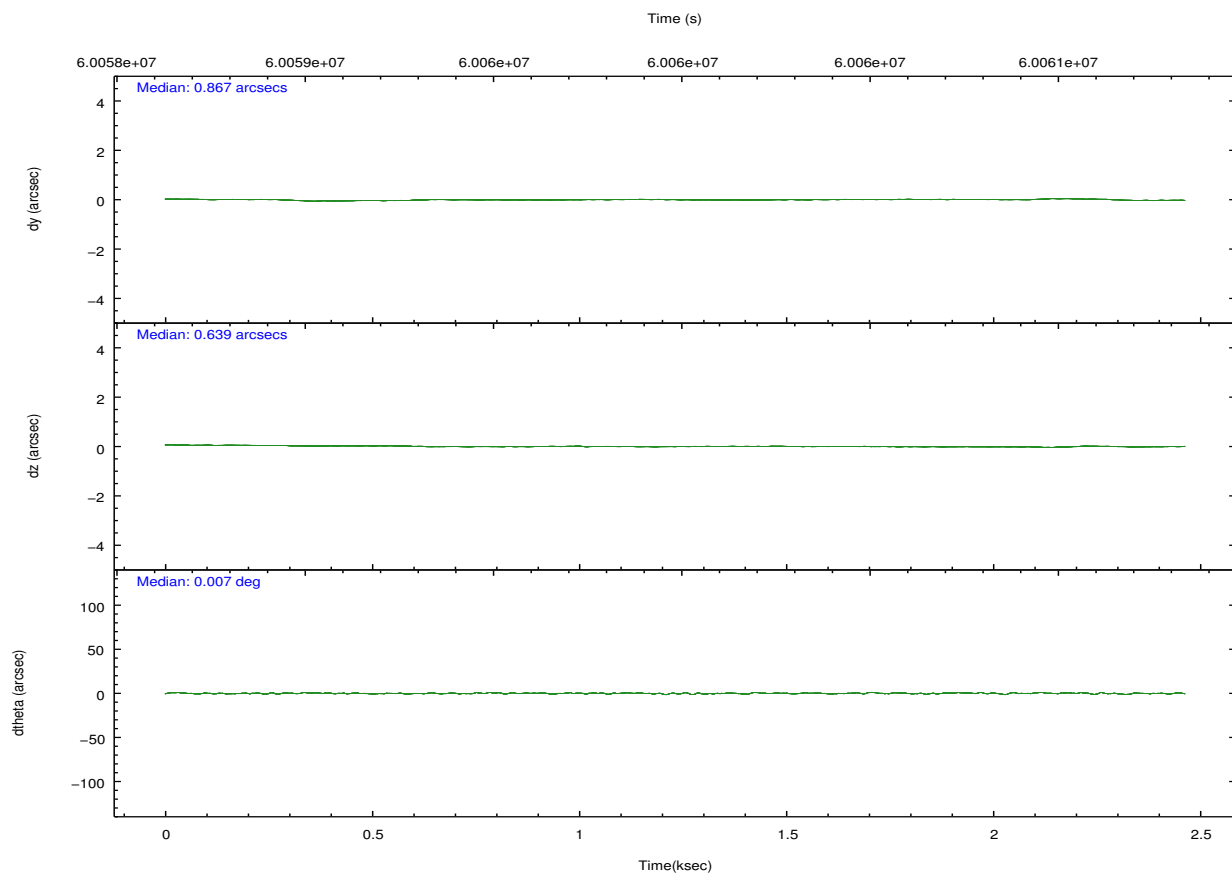
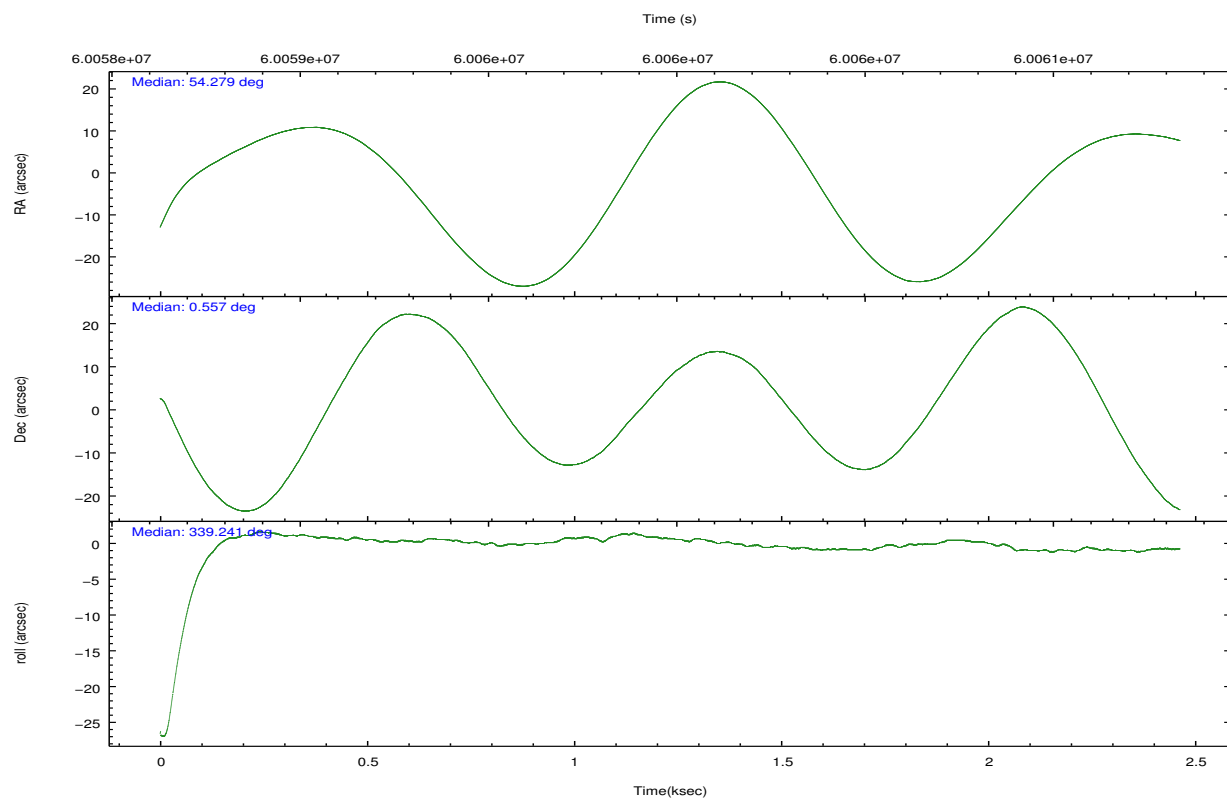
	segment 0
level 1 events	119981
rejected events	2601
rejected %	2%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	54.251438	54.27880055170119			
Pointing Dec	0.552726	0.5569821778171881			
Pointing Roll	339.334857	339.2389980831653			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	60059214.184000	60057958.138779			
Observation start date	1999-11-27T03:05:50	1999-11-27T02:45:58			
Observation end time	60061214.184000	60061472.863906			
Observation end date	1999-11-27T03:39:10	1999-11-27T03:44:32			

2.3 Aspect



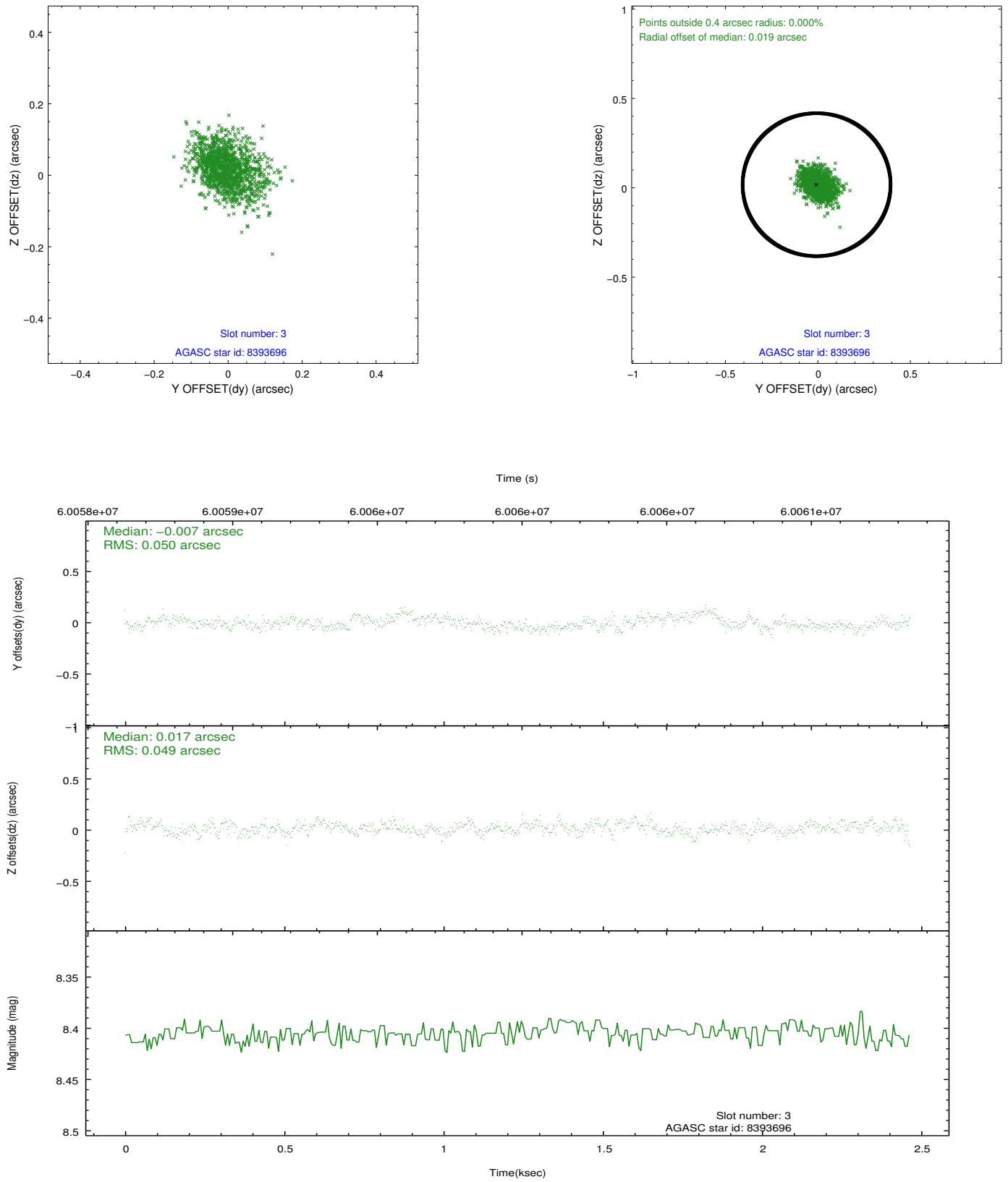


Slot Statistics

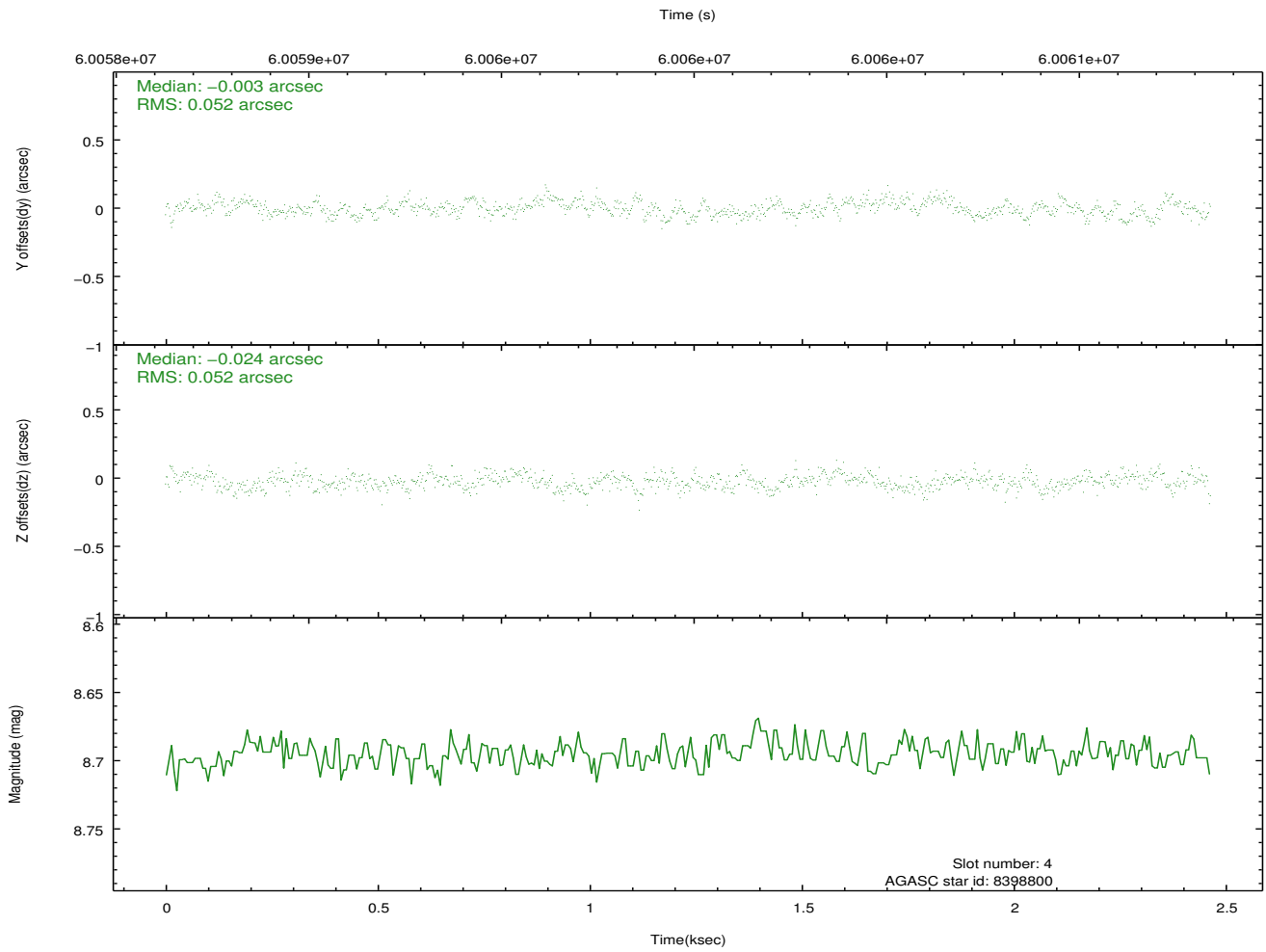
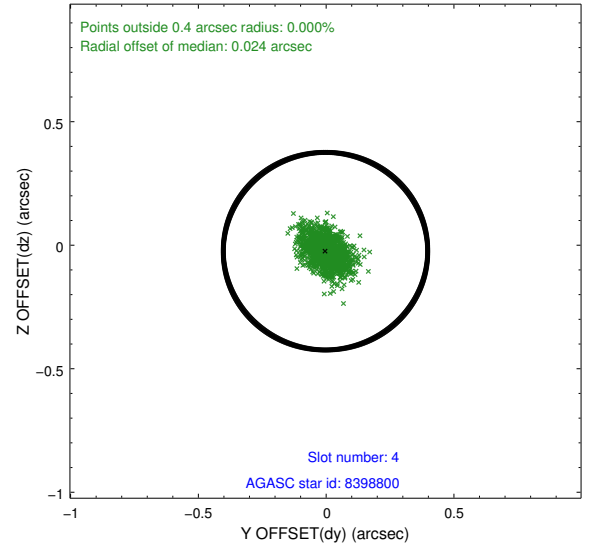
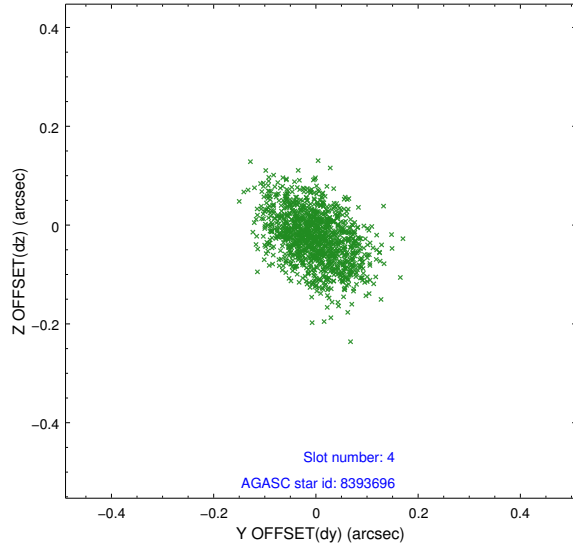
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1203	-0.002	-0.036	0.006	0.010	0.000000	0.000000	-756.24	-1288.42
1	FID	HRC-I-3	7.06	1203	0.045	-0.061	0.007	0.011	0.000000	0.000000	-1185.38	1015.04
2	FID	HRC-I-4	7.00	1203	0.071	0.008	0.005	0.009	0.000000	0.000000	1285.57	1014.70
3	GUIDE	8393696	8.40	1203	-0.007	0.017	0.075	0.121	53.645666	0.680479	-2203.39	-338.71
4	GUIDE	8398800	8.70	1203	-0.003	-0.024	0.079	0.127	54.242352	0.922024	-502.29	1232.46
5	GUIDE	8395104	8.66	1203	0.032	0.017	0.079	0.133	54.744893	0.796520	1351.18	1449.51
6	GUIDE	8395504	9.77	1200	-0.026	0.000	0.150	0.241	54.466573	0.973564	190.34	1692.35
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

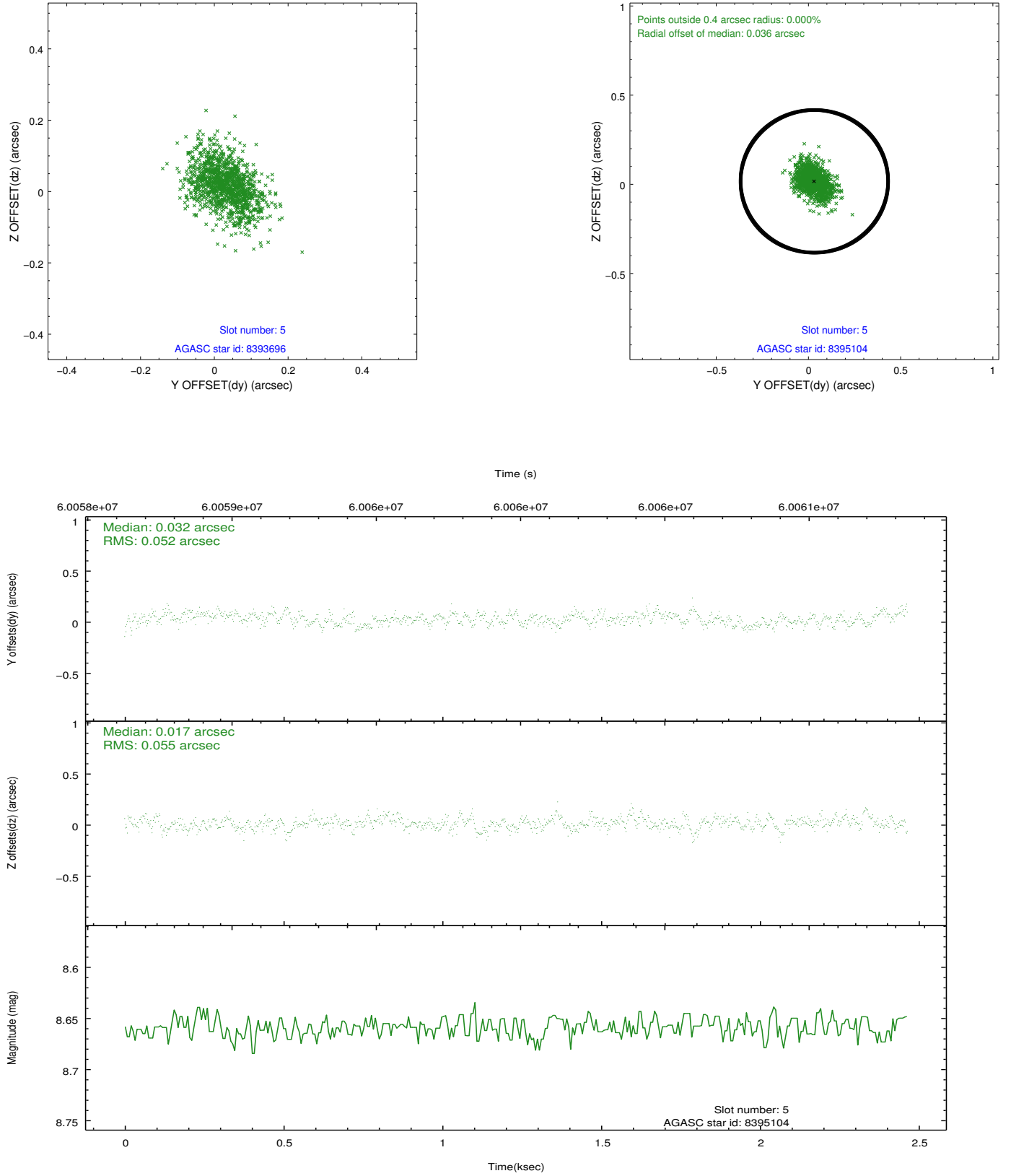
2.4.1 Slot 3



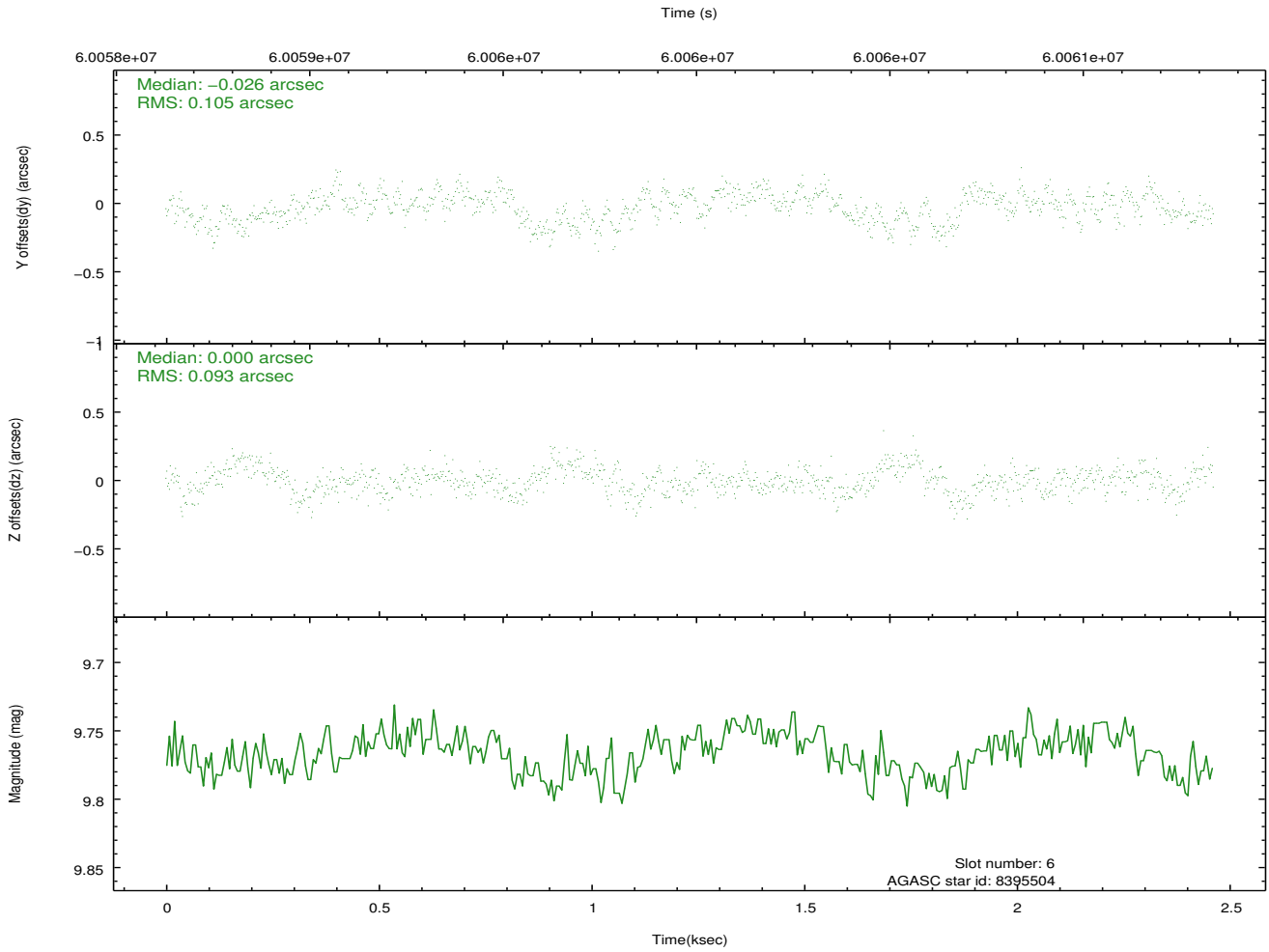
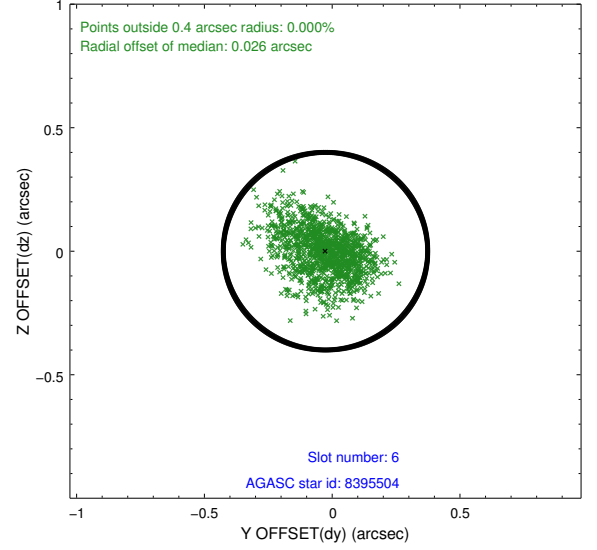
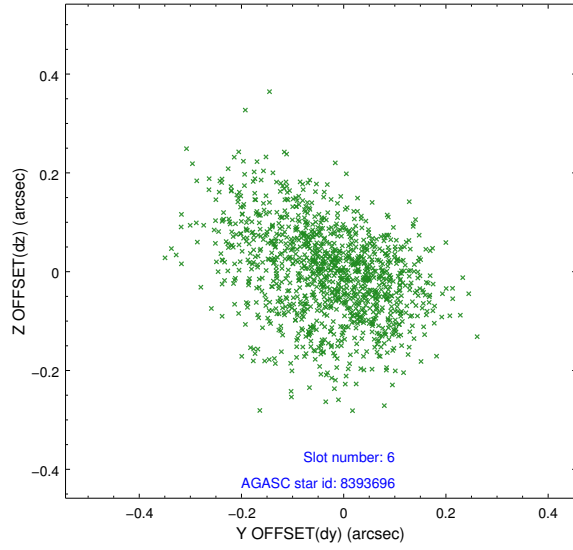
2.4.2 Slot 4



2.4.3 Slot 5

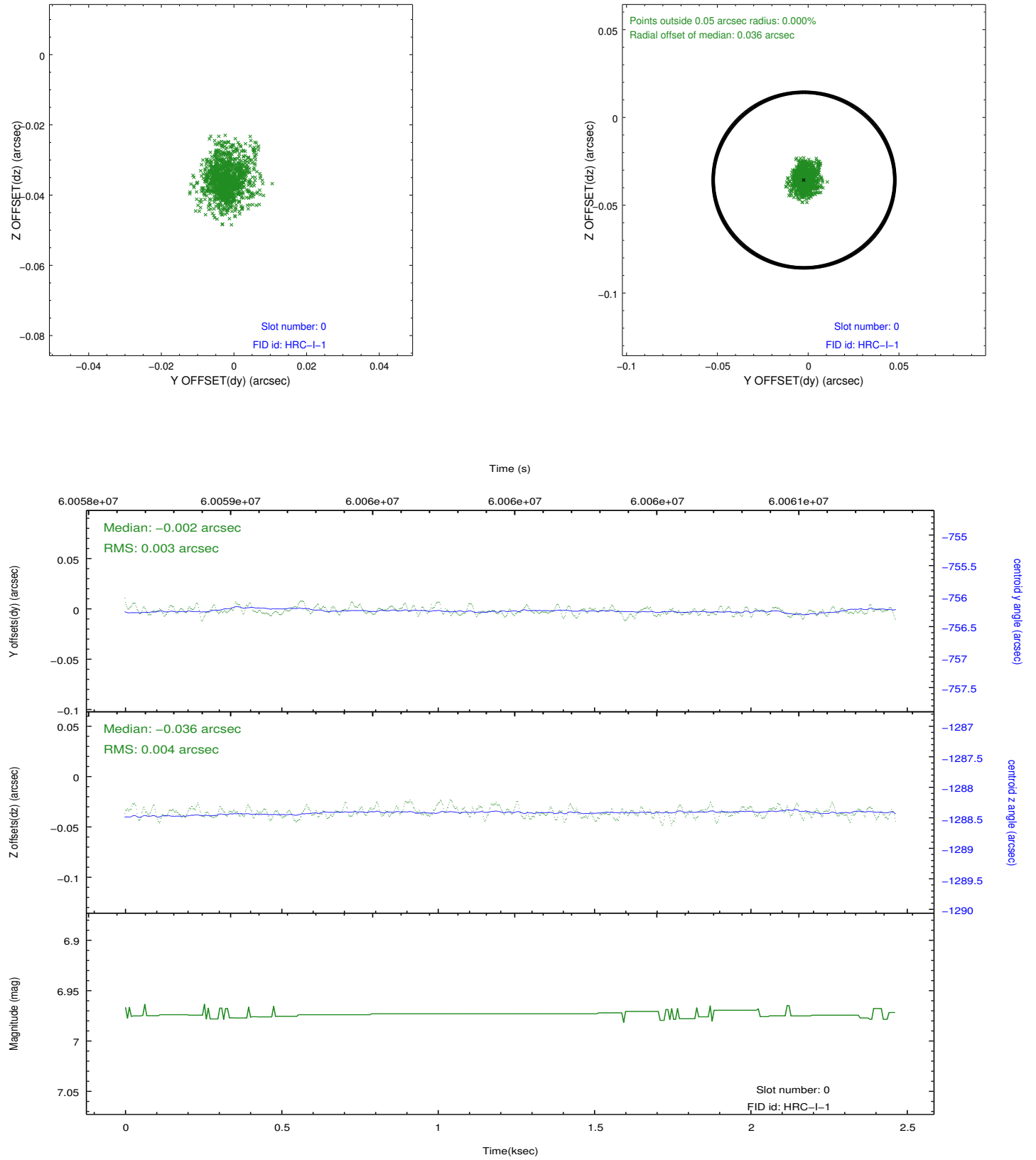


2.4.4 Slot 6

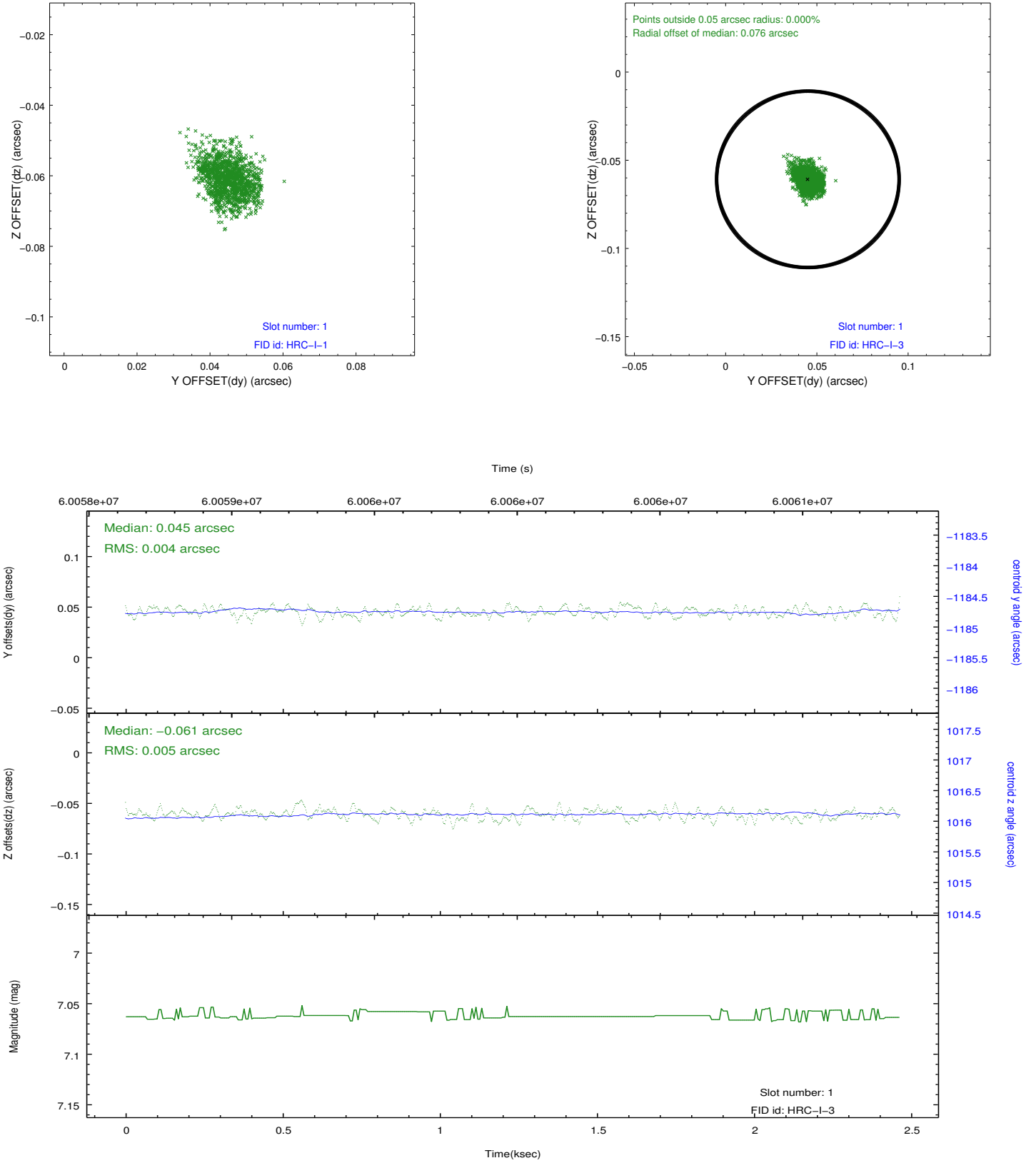


2.5 FID Slots

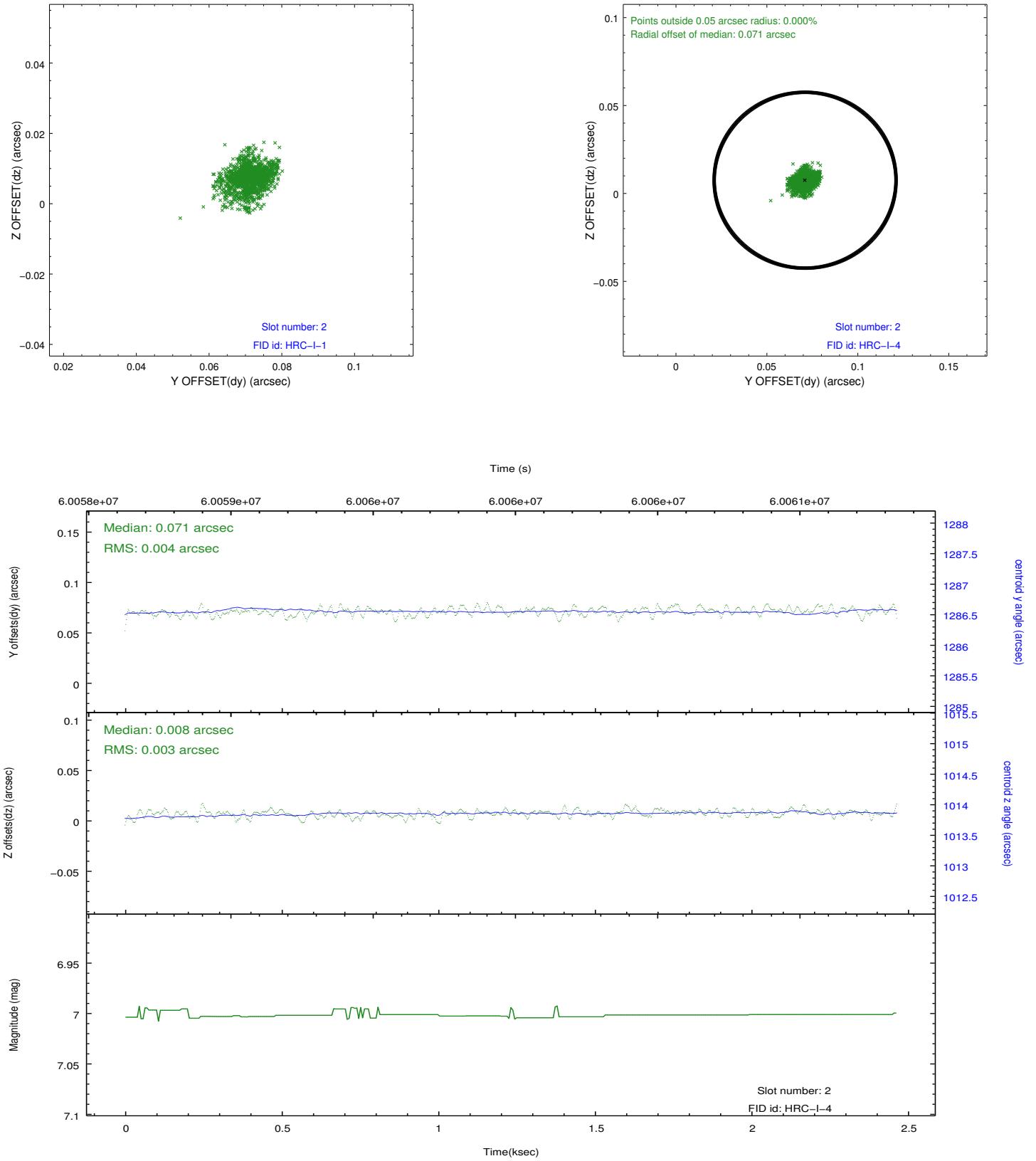
2.5.1 Slot 0



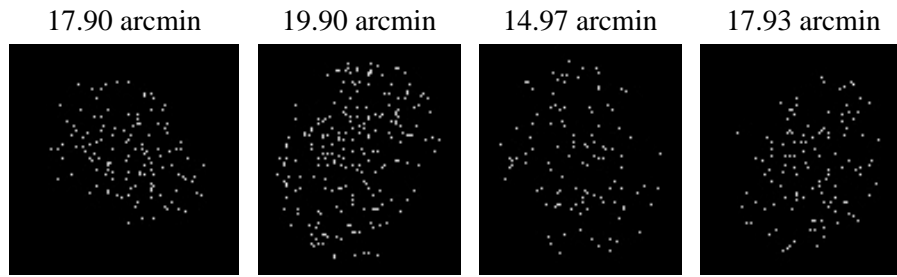
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.165

A.2 Comments

HRC-I PSF calibration.