

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5976 - L2 Version 002
Chandra X-Ray Center

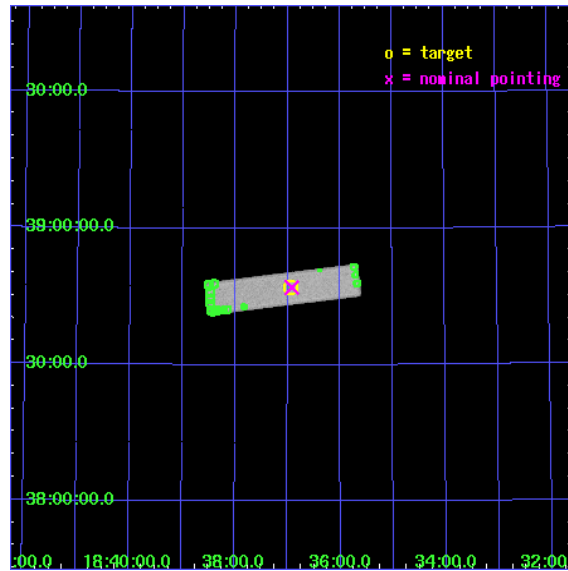
L2 Processing Date : Mar 11 2006

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1 Front

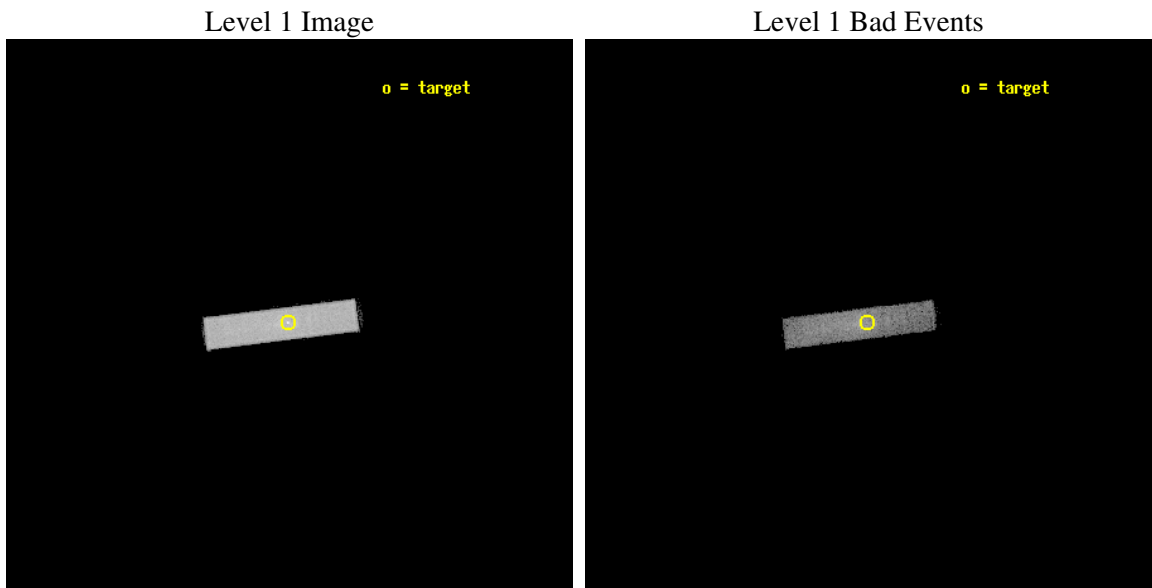
seq_num	290468
obs_id	5976
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Vega
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.22908949299
dec_nom	38.784308620422
roll_nom	172.96185004099
revision	2
ontime	2152.7563483119
livetime	2139.2941185854
l2events	84529



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-11T16:51:21
revision	2

sched_exp_time	2000.000000
ontime	2180.4313495755
l1events	121469

2.1.3 Events

Level 1 Events

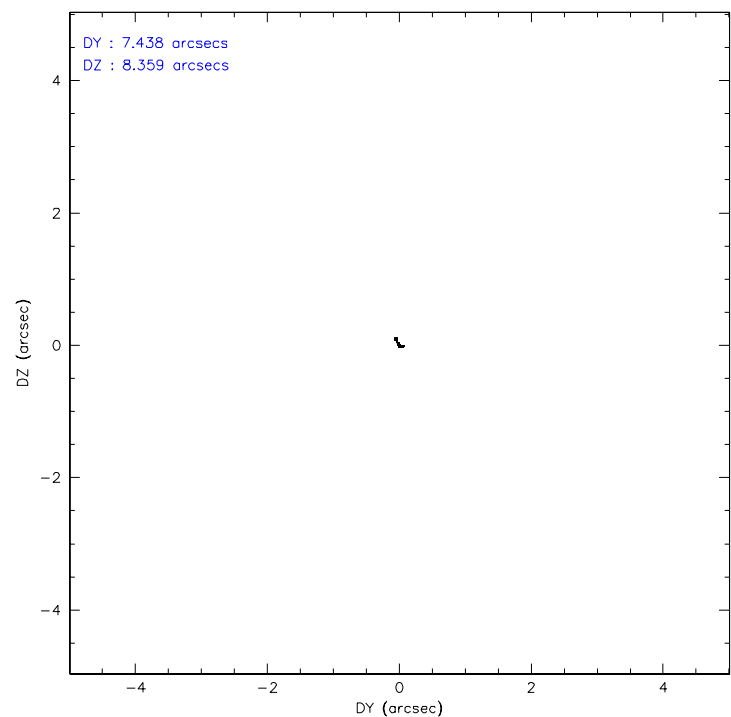
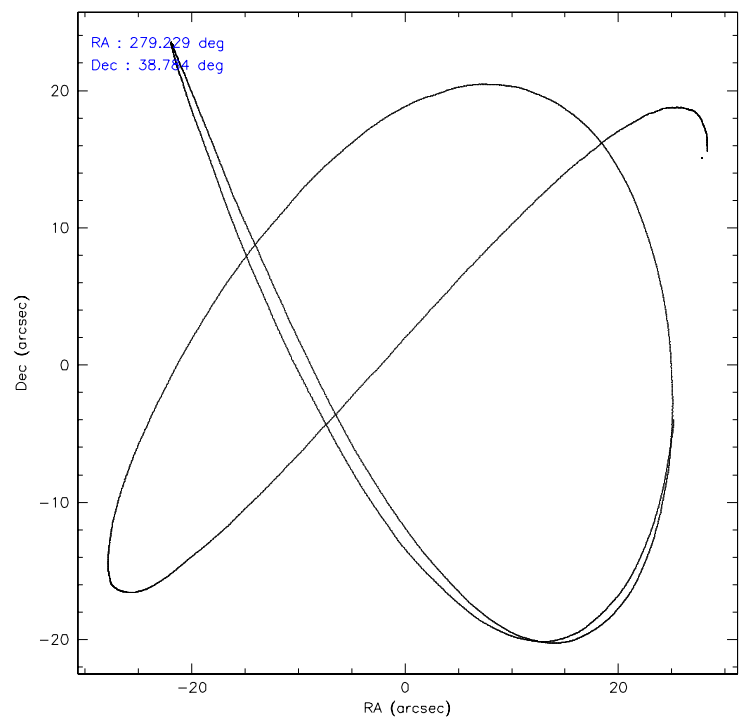
	segment 1	segment 2	segment 3
level 1 events	0	121469	0
rejected events	0	30035	0
rejected %	0%	24%	0%

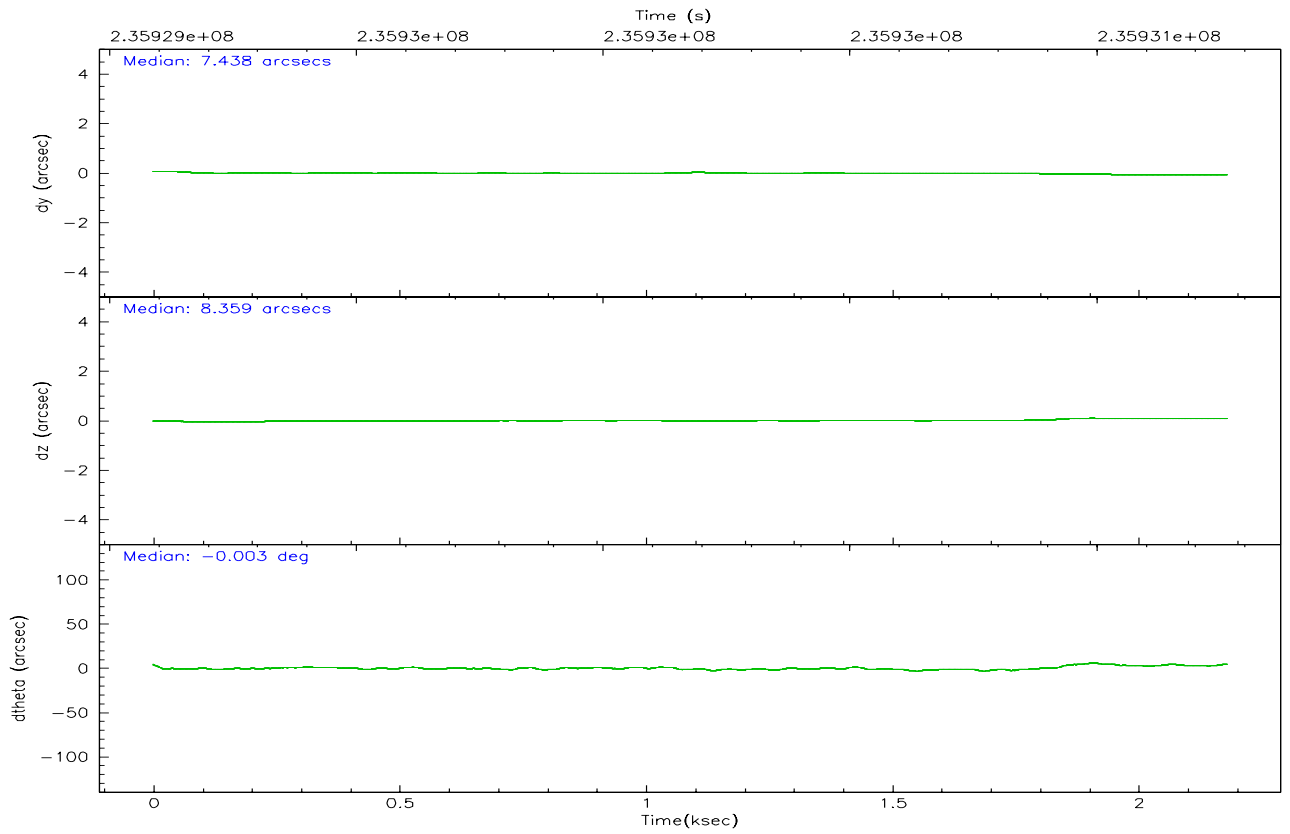
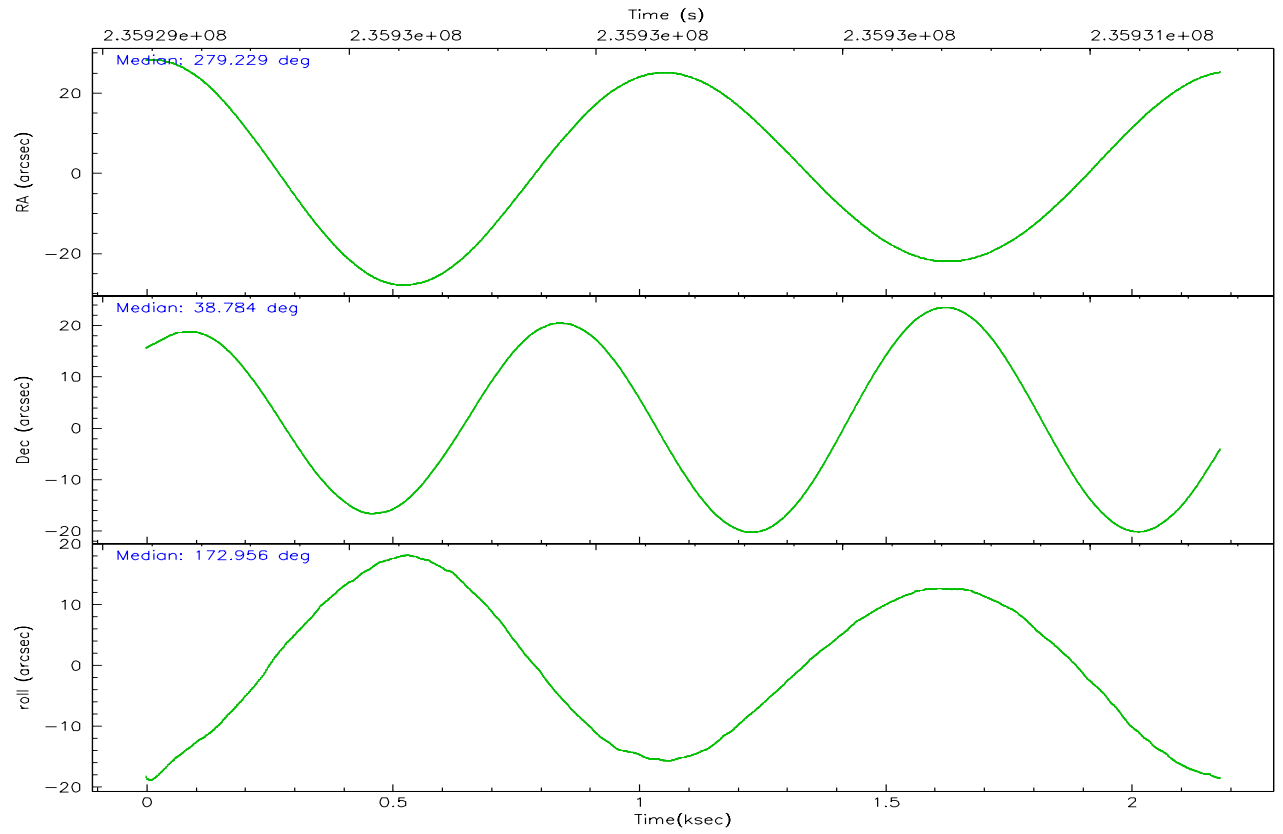
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	279.262100	279.2290894929903
Pointing Dec	38.796932	38.78430862042166
Pointing Roll	172.873827	172.9618500409894
Window start time	231292864.184000	231292864.184000
Window stop time	236476864.184000	236476864.184000
SIM focus pos (mm)	-1.429586	-1.428180813131781
SIM defocus (mm)	0.1037507710433287	0.1051558262725154
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	235929267.184000	235928891.20547
Observation start date	2005-06-23T15:53:23	2005-06-23T15:48:11
Observation end time	235931267.184000	235931400.91809
Observation end date	2005-06-23T16:26:43	2005-06-23T16:30:00

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



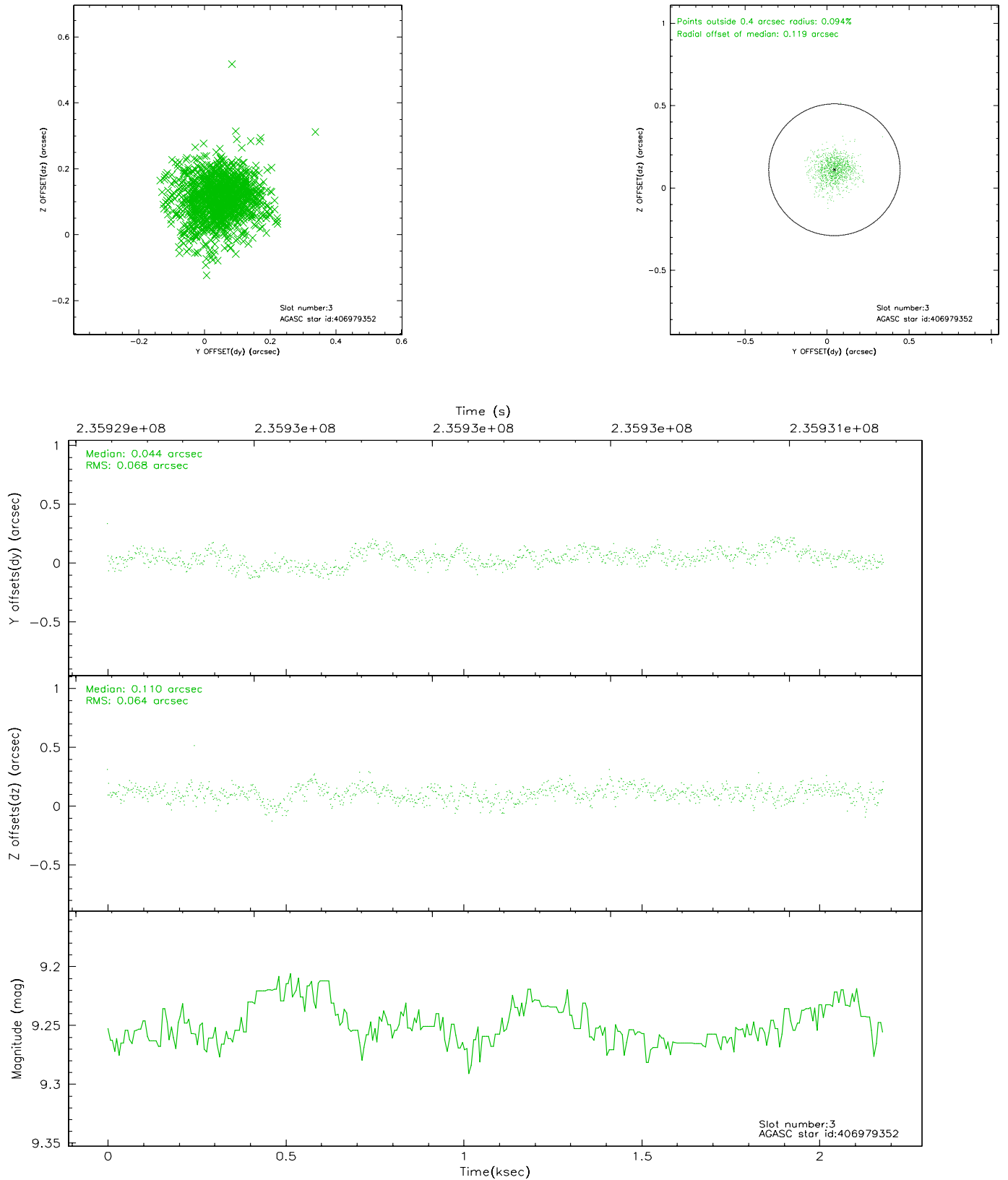


Slot Statistics

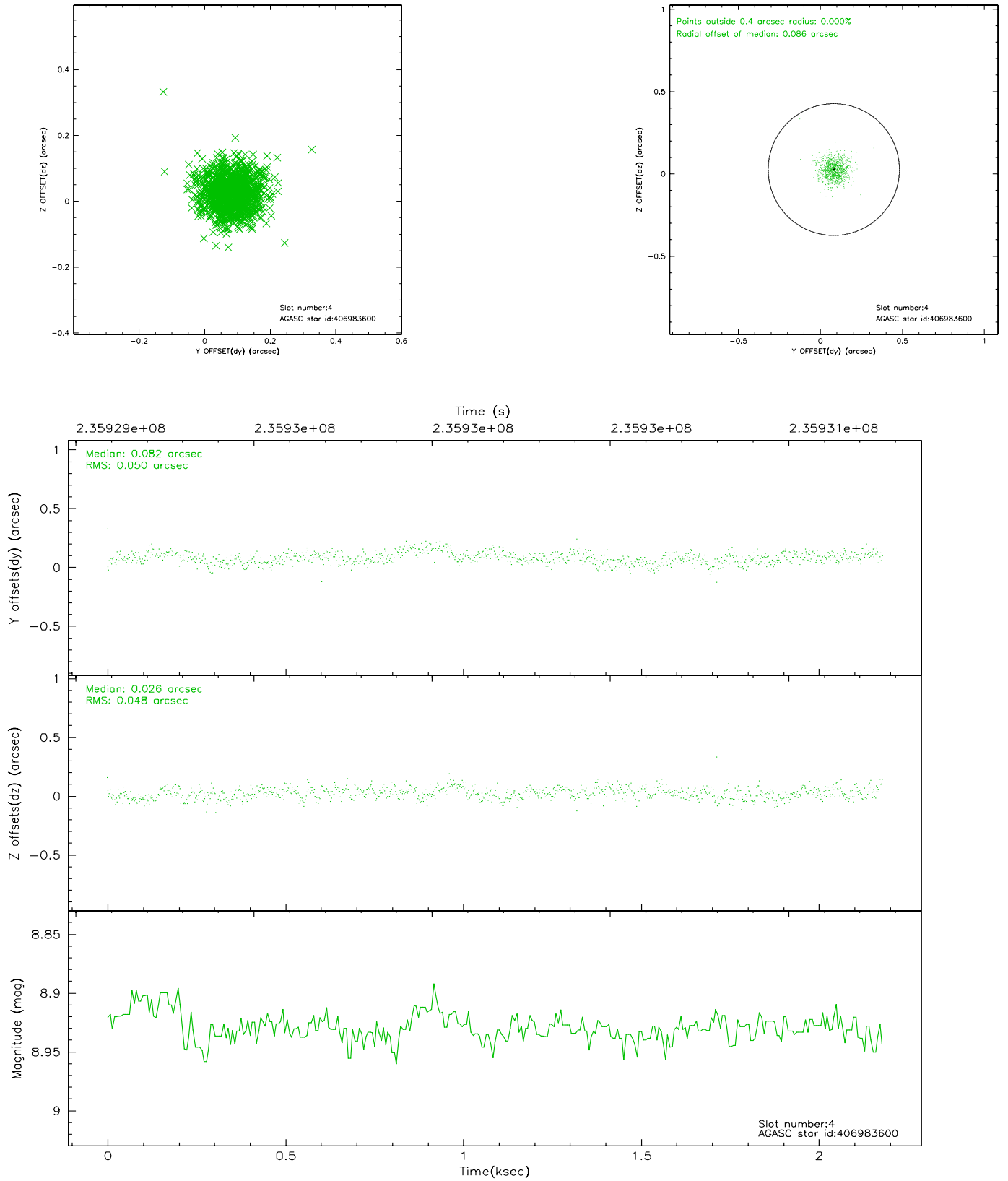
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	533	0.144	-0.147	0.021	0.049	0.000000	0.000000	1238.10	-449.64
1	FID	HRC-S-3	7.05	533	0.054	-0.094	0.009	0.024	0.000000	0.000000	-1162.07	571.74
2	FID	HRC-S-4	7.00	532	0.208	-0.054	0.020	0.052	0.000000	0.000000	1234.56	576.25
3	GUIDE	406979352	9.25	1062	0.044	0.110	0.096	0.163	279.968297	39.230258	-1759.23	-1799.31
4	GUIDE	406983600	8.93	1065	0.082	0.026	0.072	0.115	279.940957	39.020708	-1784.84	-1043.66
5	GUIDE	406987272	6.93	1065	-0.206	-0.217	0.054	0.088	278.536588	38.437504	1869.11	1528.19
6	GUIDE	407510432	8.16	1065	0.100	0.006	0.101	0.154	278.762778	39.530640	1706.48	-2451.45
7	GUIDE	407521232	8.64	1064	-0.015	0.066	0.094	0.145	279.628883	39.431715	-726.08	-2398.73

2.4 Star Slots

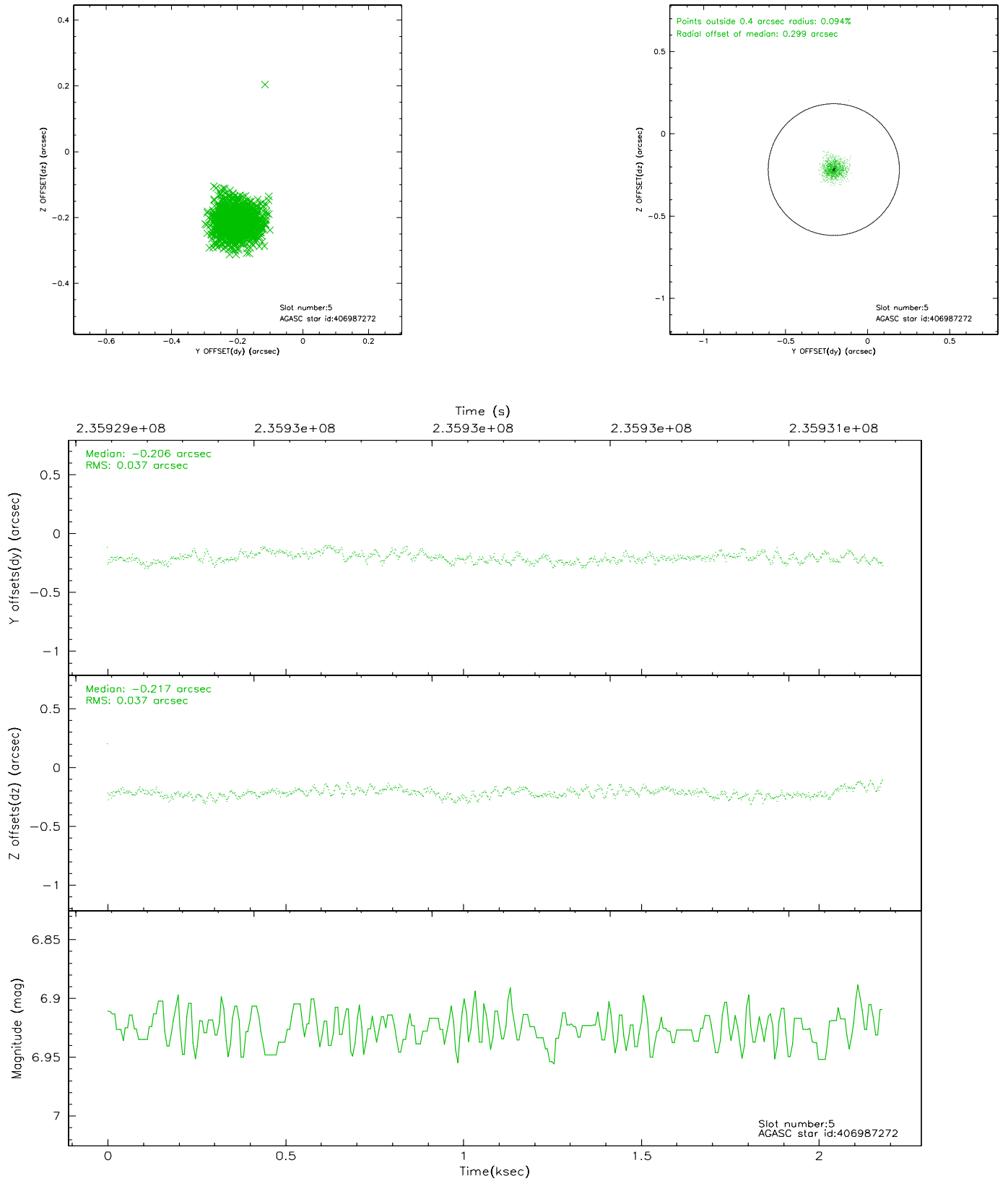
2.4.1 Slot 3



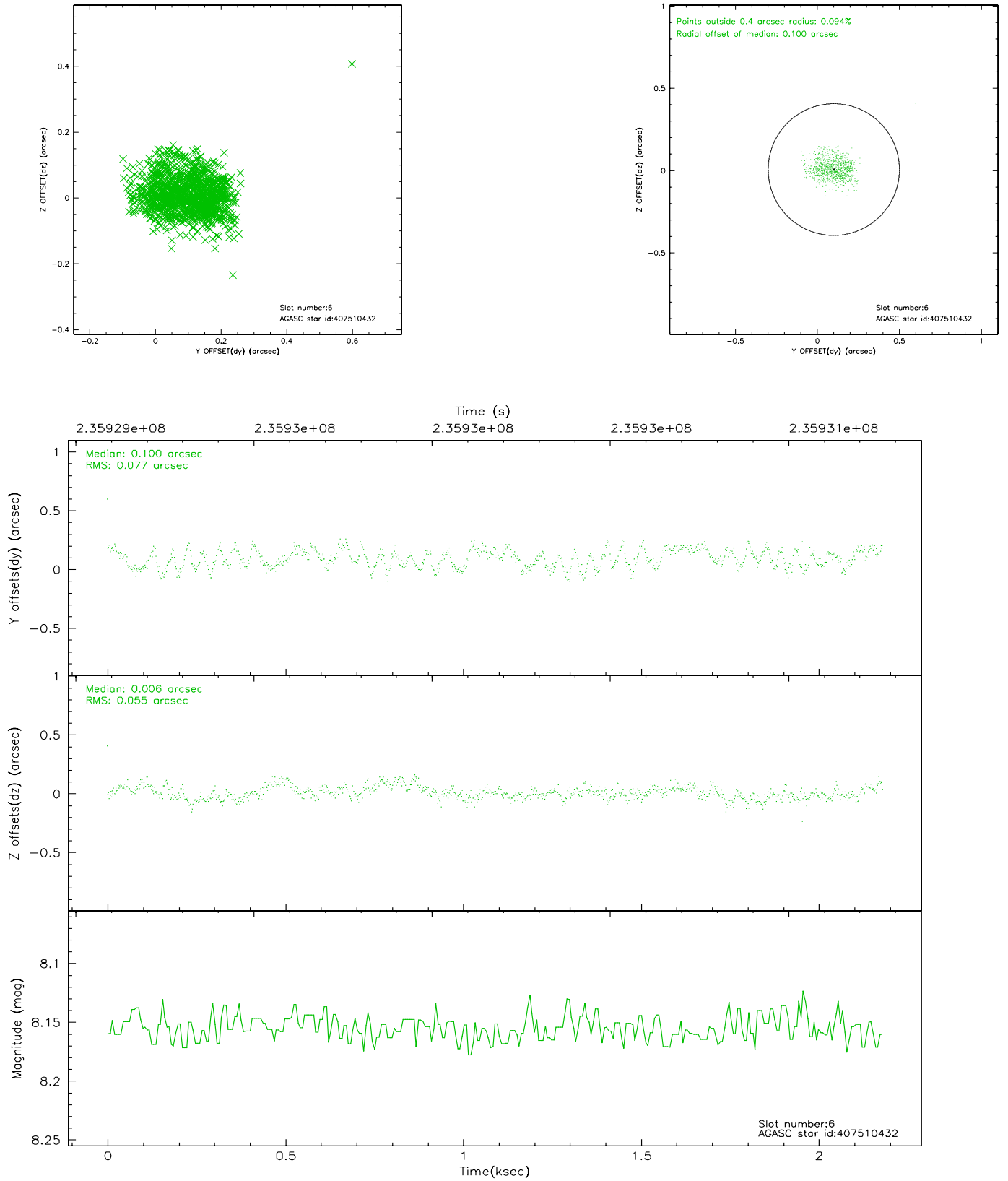
2.4.2 Slot 4



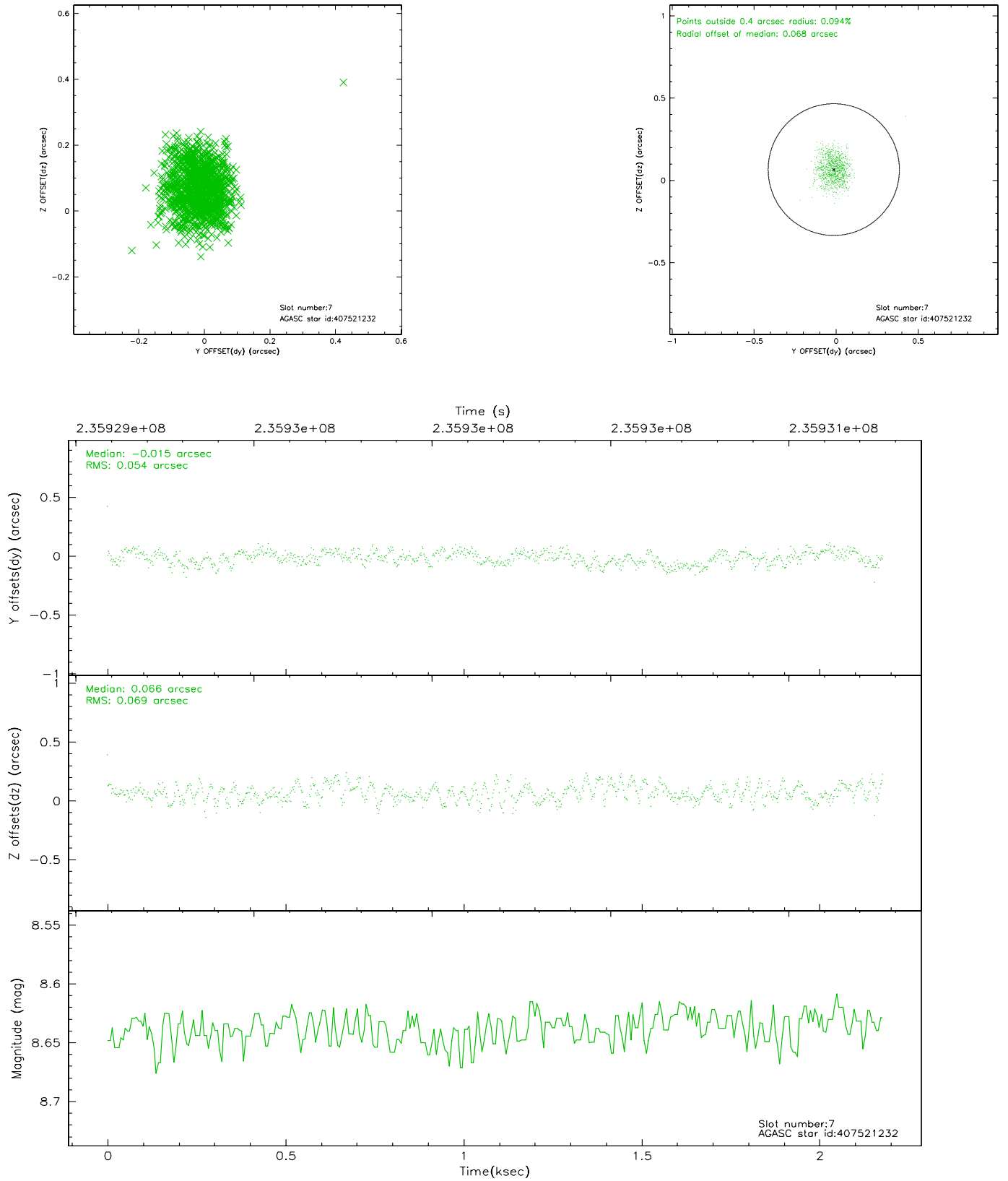
2.4.3 Slot 5



2.4.4 Slot 6

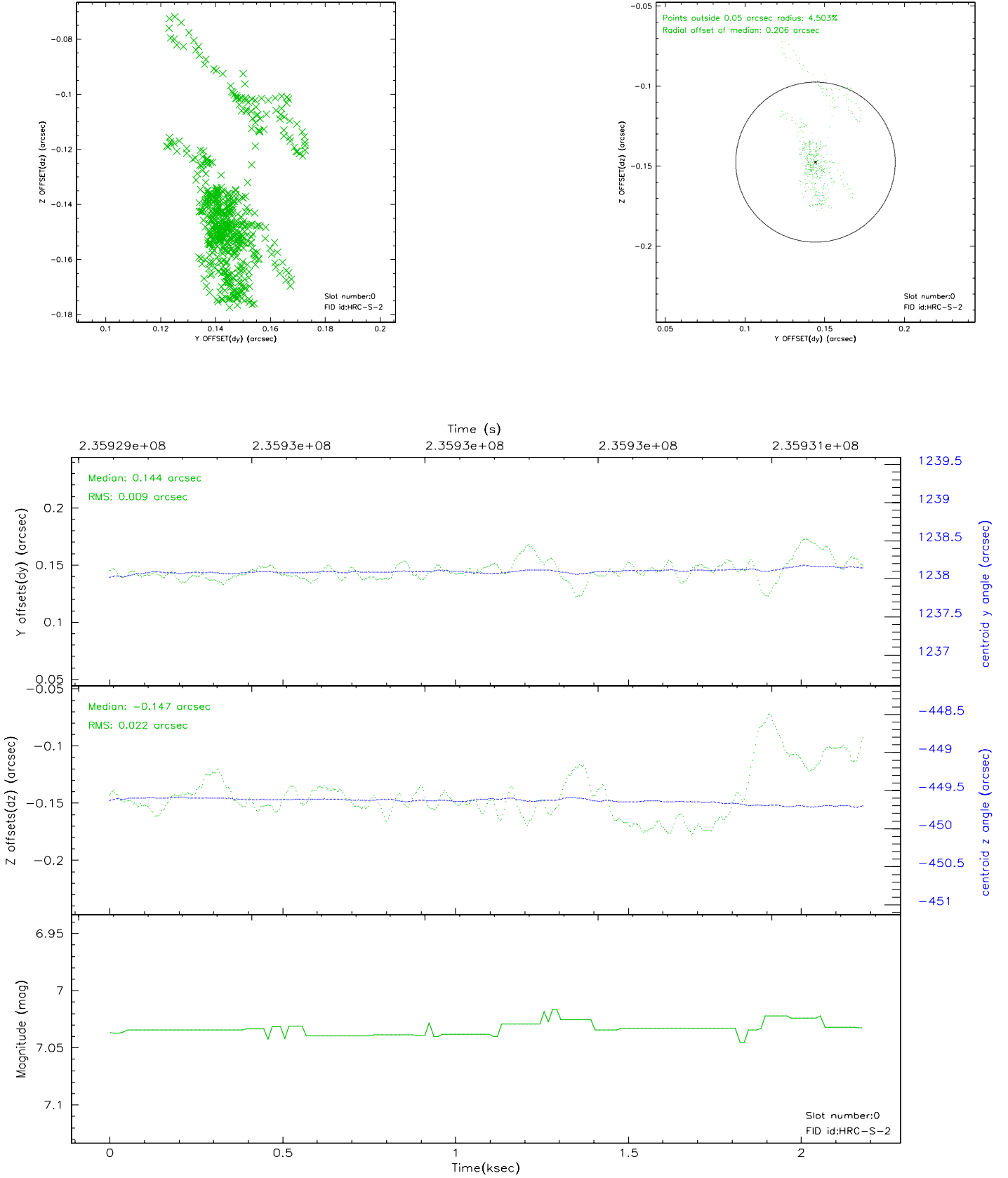


2.4.5 Slot 7

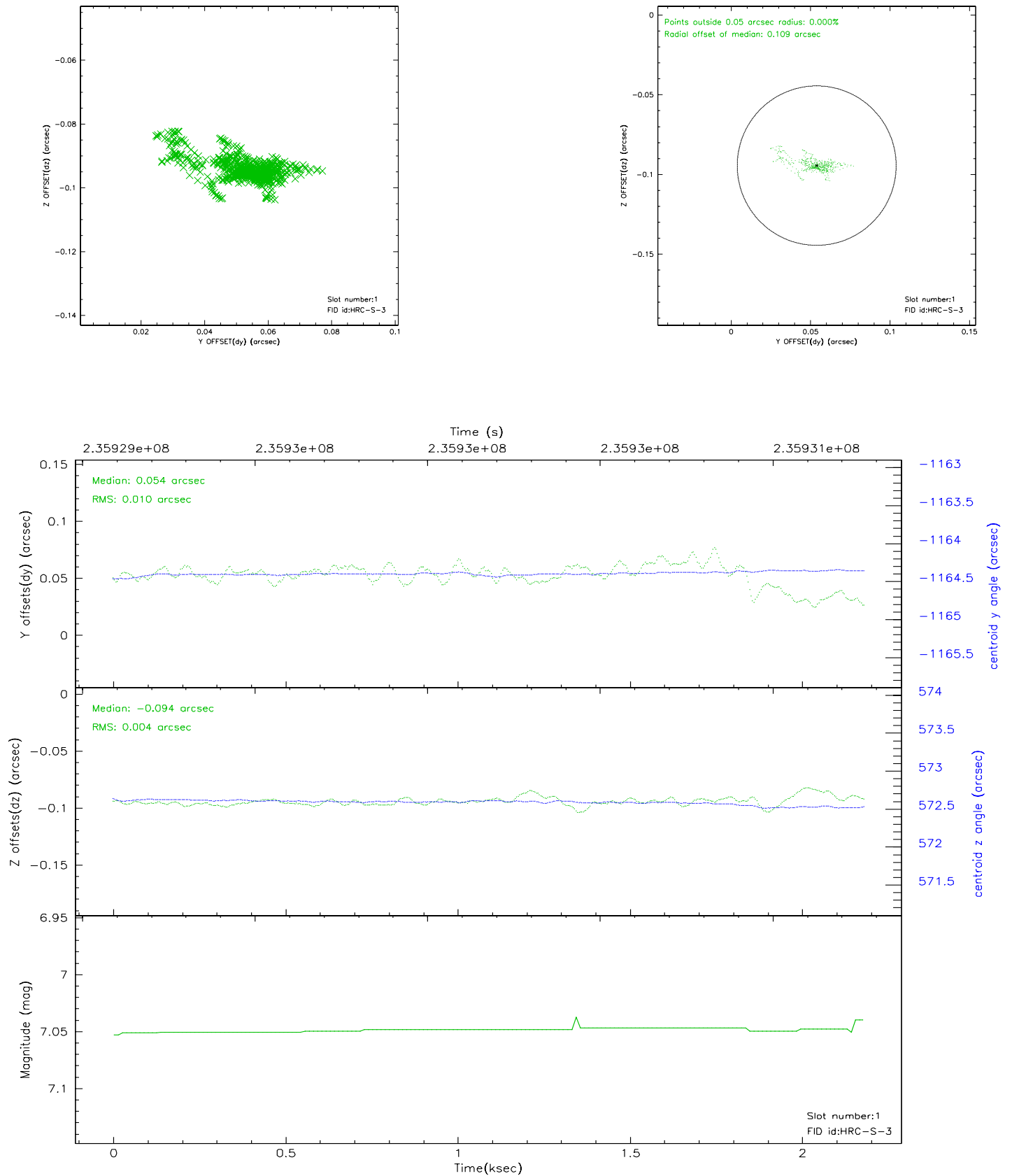


2.5 FID Slots

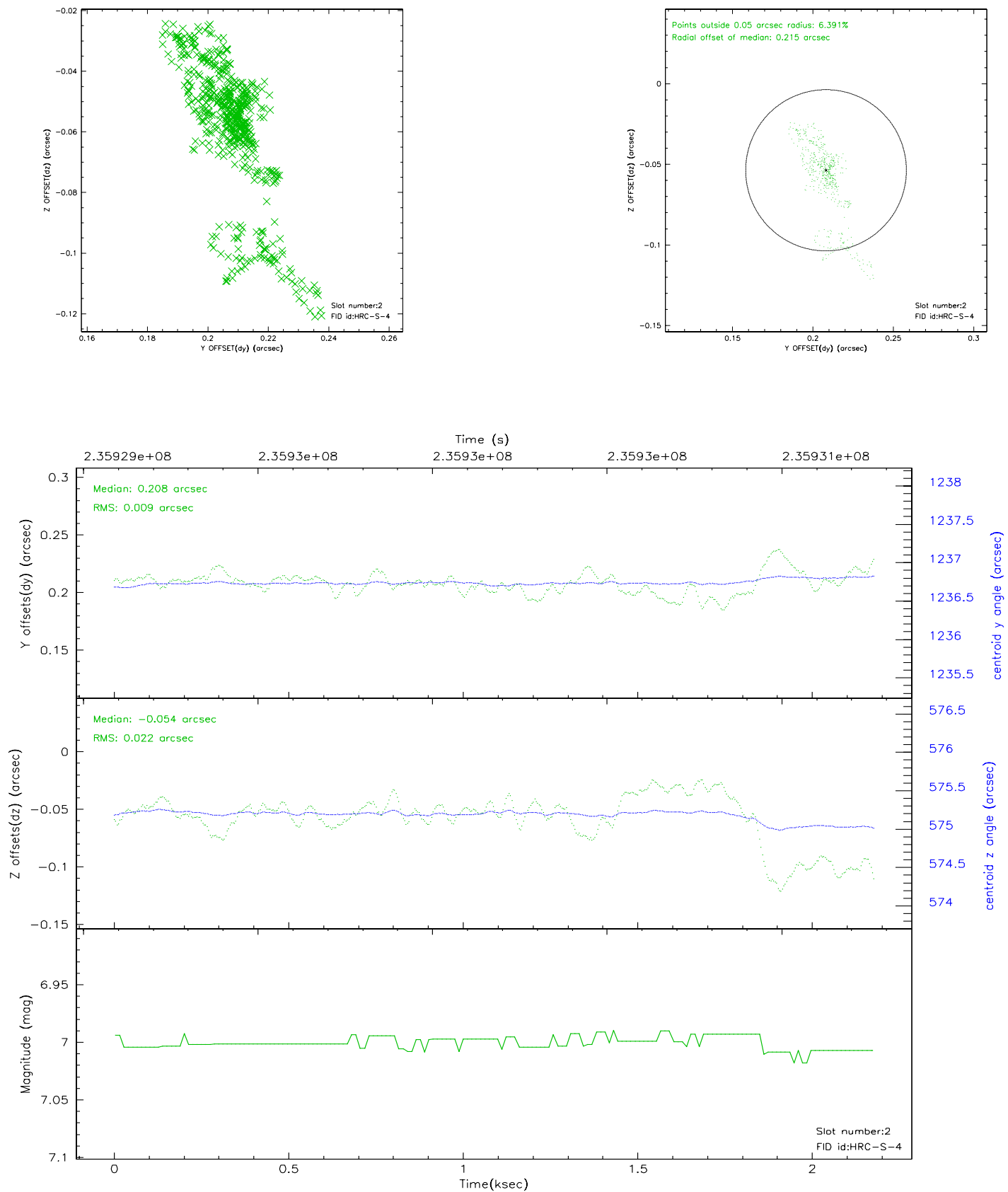
2.5.1 Slot 0



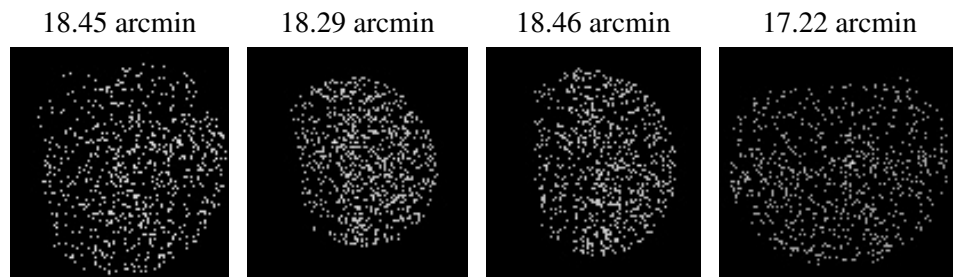
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.152756

A.2 Comments

Window constraint met. Fids wander a bit due to temperature gradient.