

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 1966 - L2 Version 3
Chandra X-Ray Center

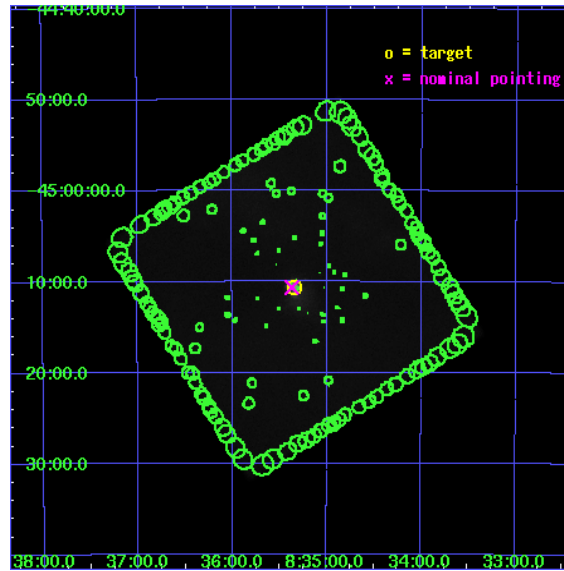
L2 Processing Date : Nov 20 2007

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1 Front

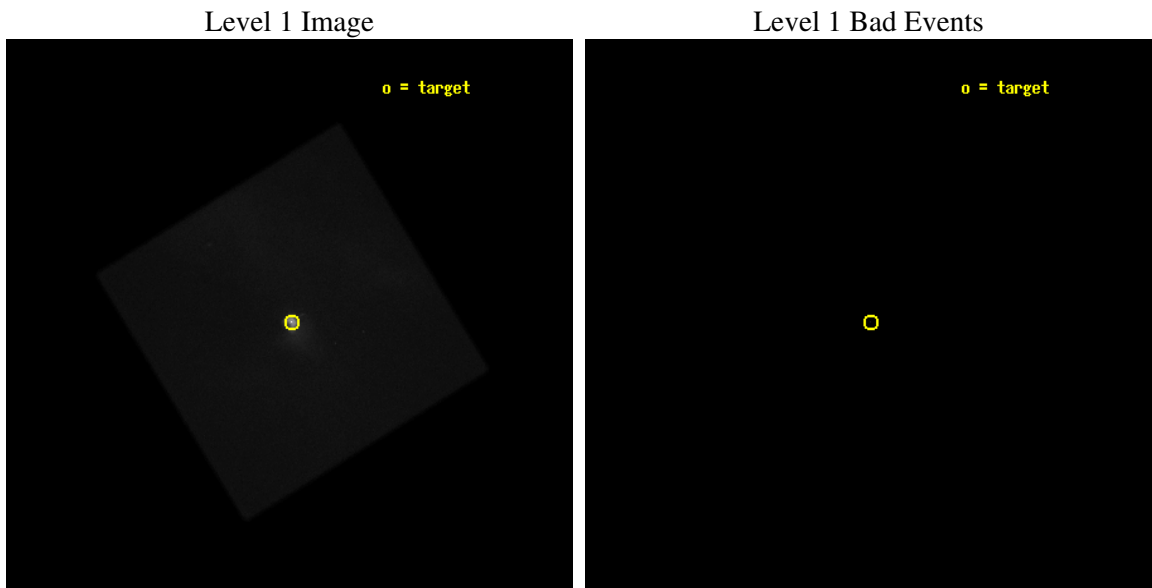
seq_num	500143
obs_id	1966
title	SURVEYING THE AFTERMATH OF A STARQUAKE
observer	Prof. David Helfand
object	PSR B0833-45
ra_targ	128.83625
dec_targ	-45.176583
ra_nom	128.84213599539
dec_nom	-45.177294383938
roll_nom	13.47430347588
revision	3
ontime	49871.633245692
livetime	49484.660660869
l2events	2986703



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-20T21:54:43
revision	3

sched_exp_time	50000.000000
ontime	49871.63325569
l1events	3928665

2.1.3 Events

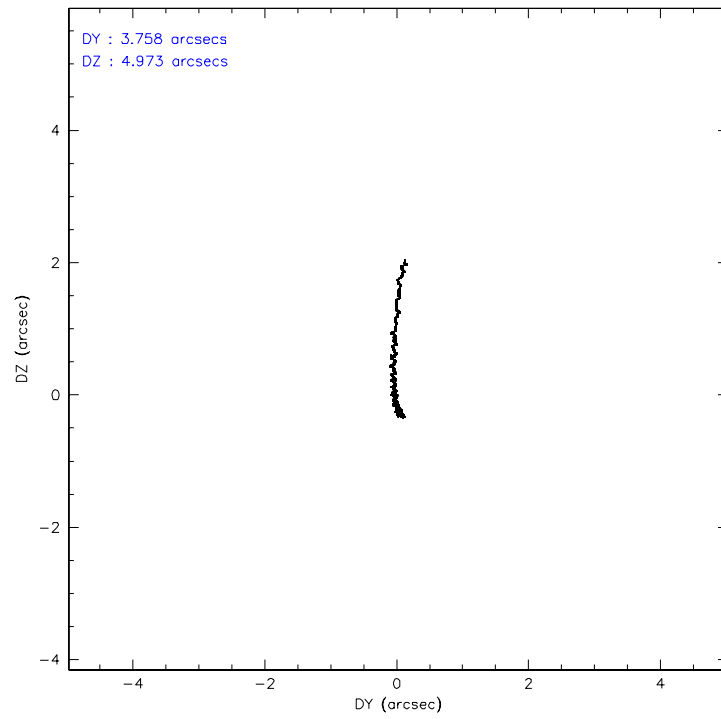
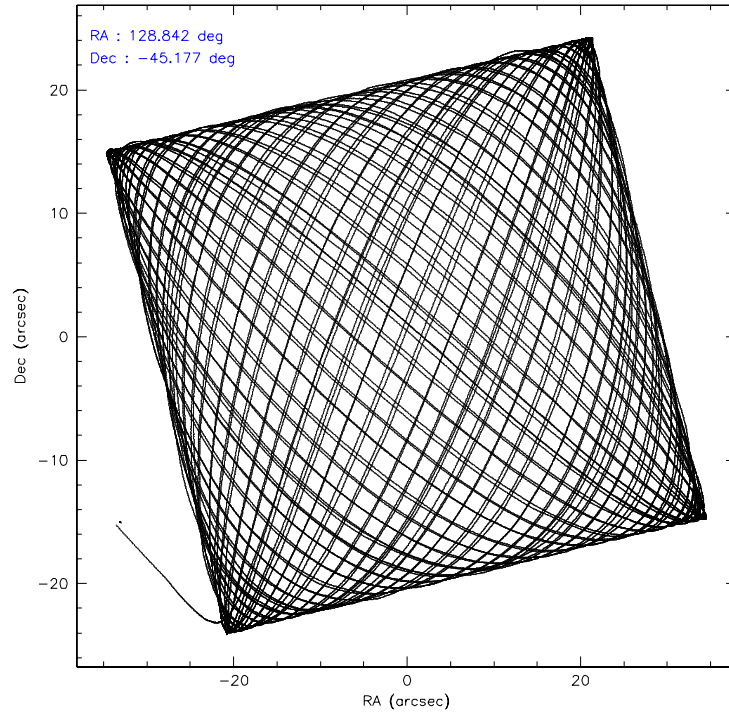
Level 1 Events

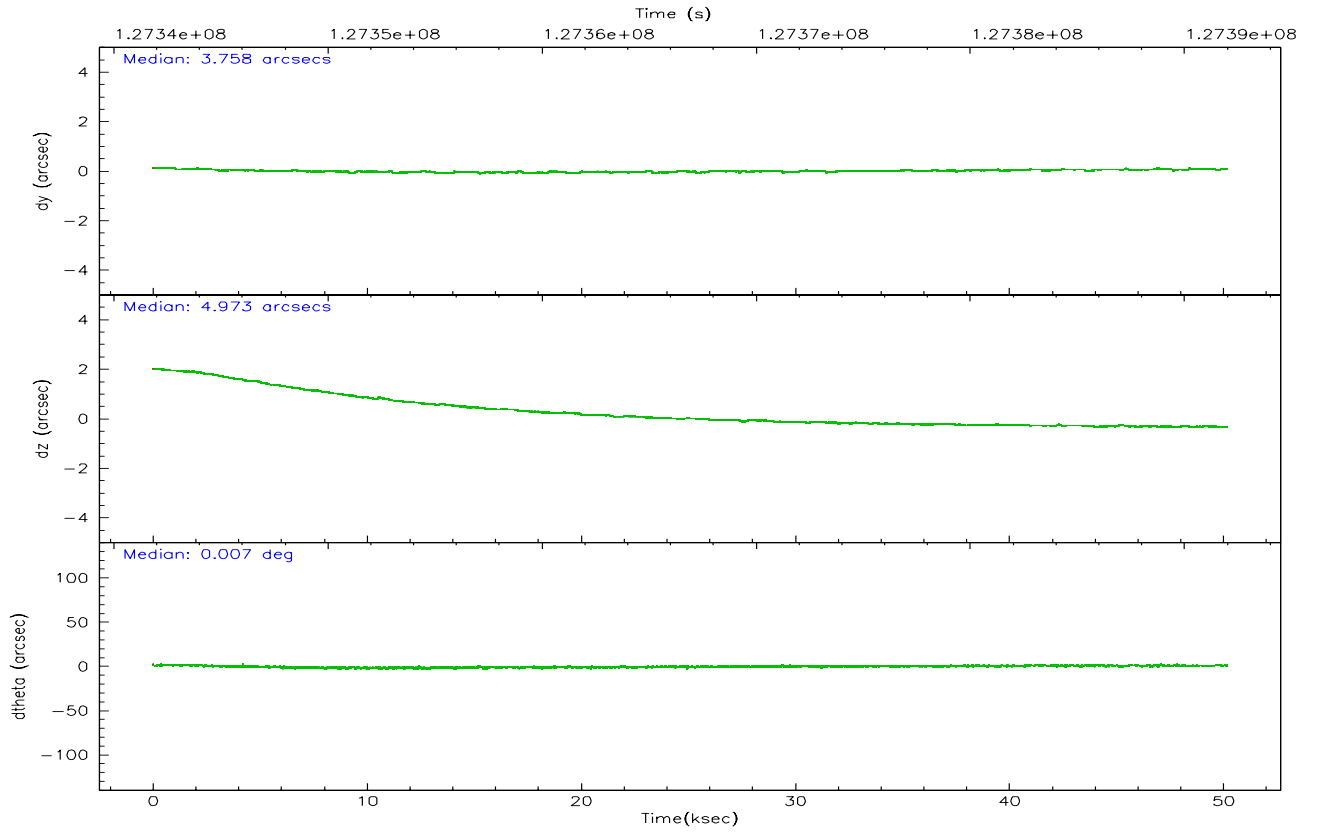
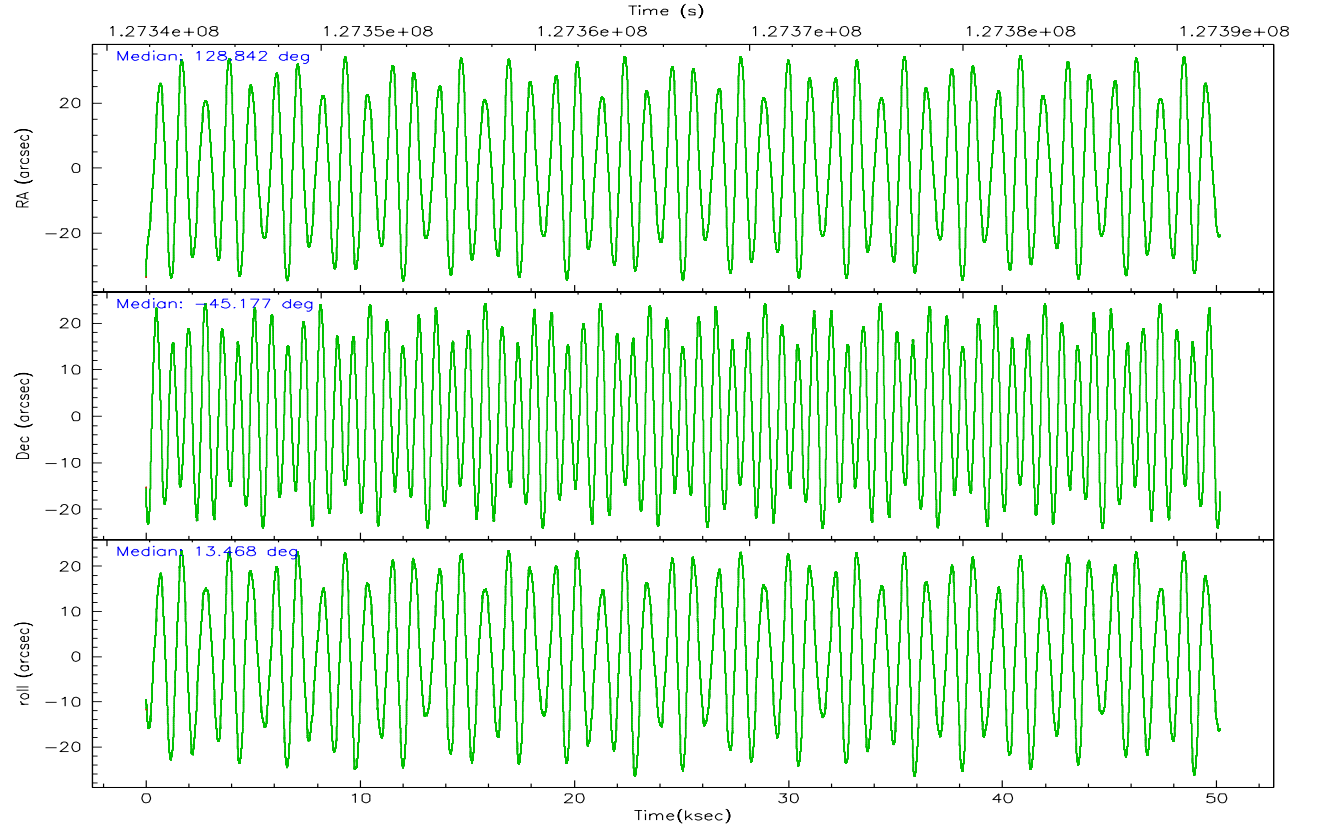
	segment 0
level 1 events	3928665
rejected events	9024
rejected %	0%

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	128.814795	128.842135995389			
Pointing Dec	-45.196348	-45.17729438393804			
Pointing Roll	13.550397	13.47430347587968			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	127341996.184000	127341180.90649			
Observation start date	2002-01-13T20:45:32	2002-01-13T20:33:00			
Observation end time	127391996.184000	127393028.99608			
Observation end date	2002-01-14T10:38:52	2002-01-14T10:57:08			

2.3 Aspect



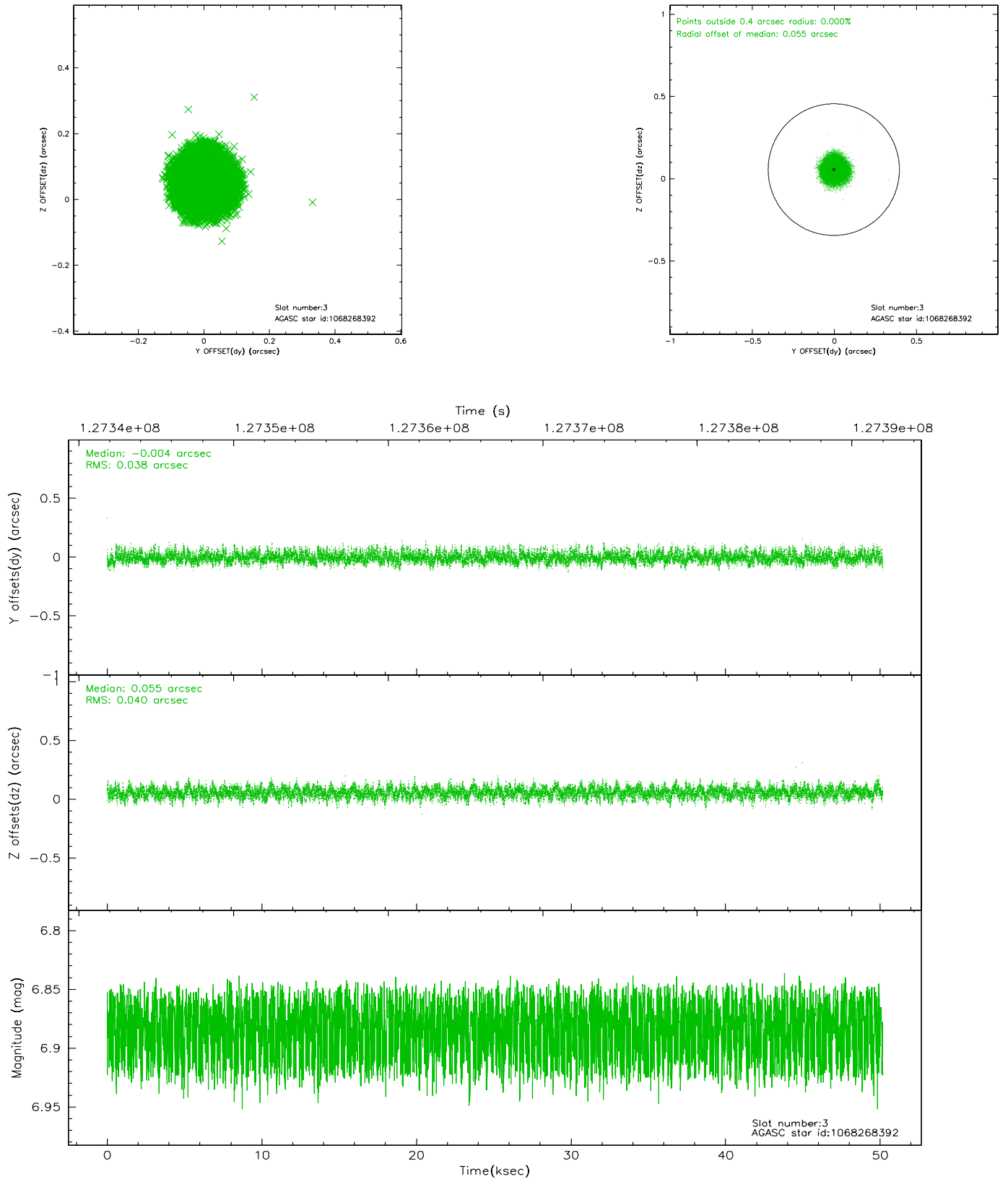


Slot Statistics

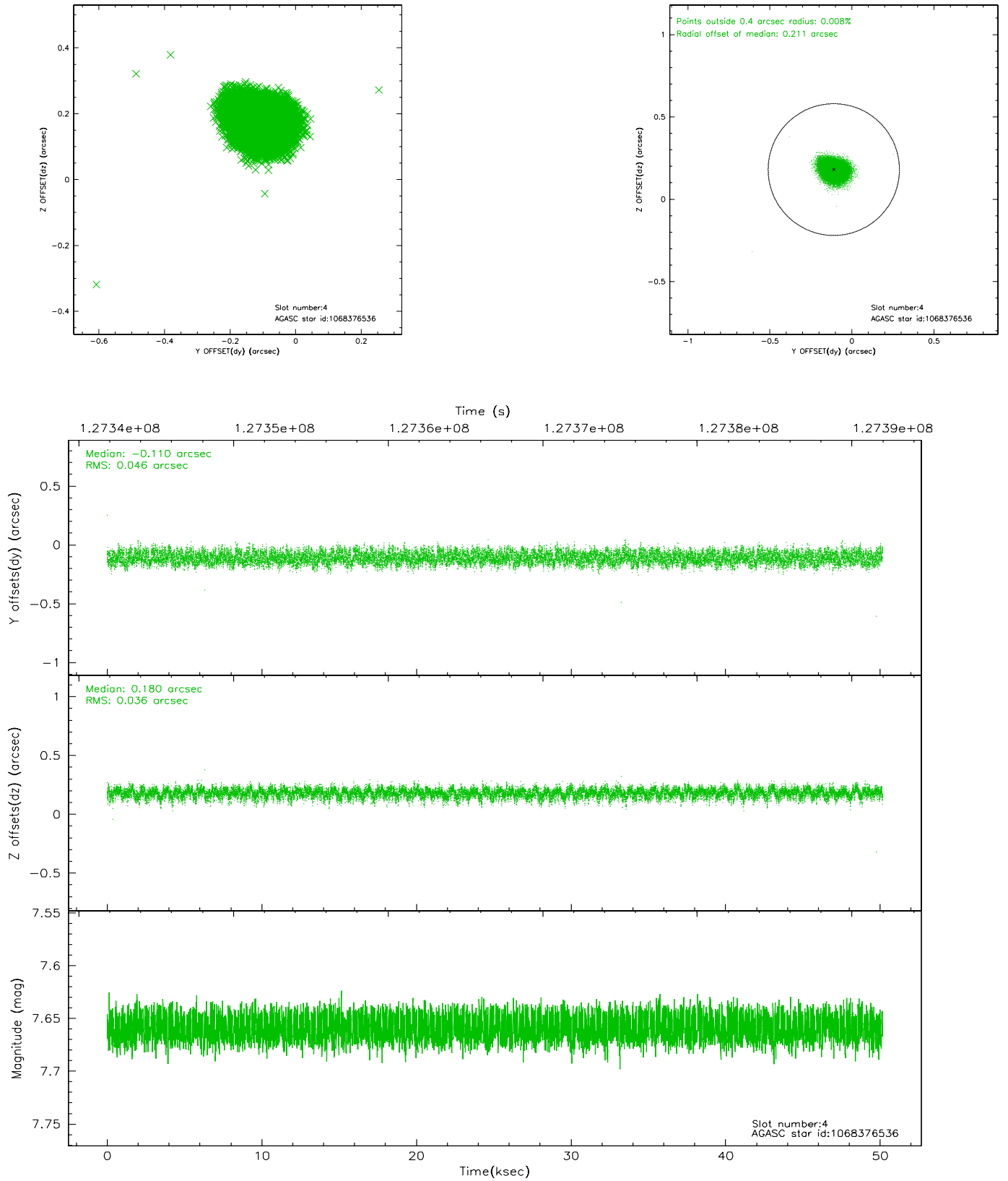
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	12236	0.010	0.061	0.018	0.040	0.000000	0.000000	-759.22	-1293.02
1	FID	HRC-I-2	7.01	12236	0.083	-0.066	0.014	0.022	0.000000	0.000000	853.42	-1294.78
2	FID	HRC-I-3	7.05	12235	0.025	-0.085	0.013	0.041	0.000000	0.000000	-1187.67	1011.29
3	GUIDE	1068268392	6.88	24471	-0.004	0.055	0.060	0.094	128.257754	-45.752904	-1830.71	-1625.30
4	GUIDE	1068376536	7.66	24467	-0.110	0.180	0.062	0.097	129.556408	-45.593502	1479.24	-1836.19
5	GUIDE	1005855016	8.31	24466	-0.032	-0.006	0.054	0.089	129.483009	-44.485796	2266.06	2077.61
6	GUIDE	1005862984	8.80	24424	0.052	-0.285	0.085	0.138	128.482680	-44.577316	-306.30	2363.67
7	GUIDE	1068270344	8.52	24463	0.092	0.057	0.067	0.106	128.097487	-45.785157	-2248.97	-1647.16

2.4 Star Slots

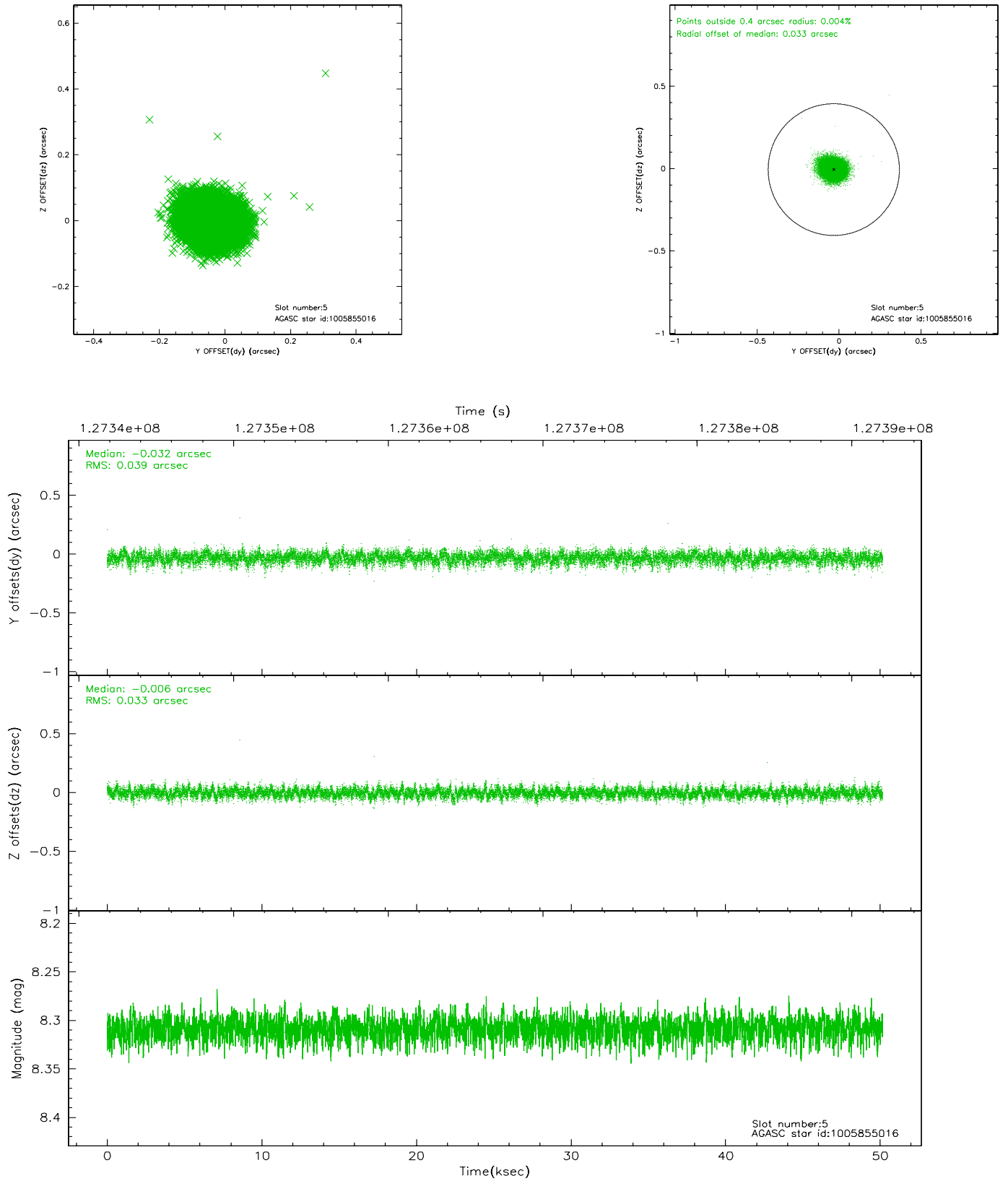
2.4.1 Slot 3



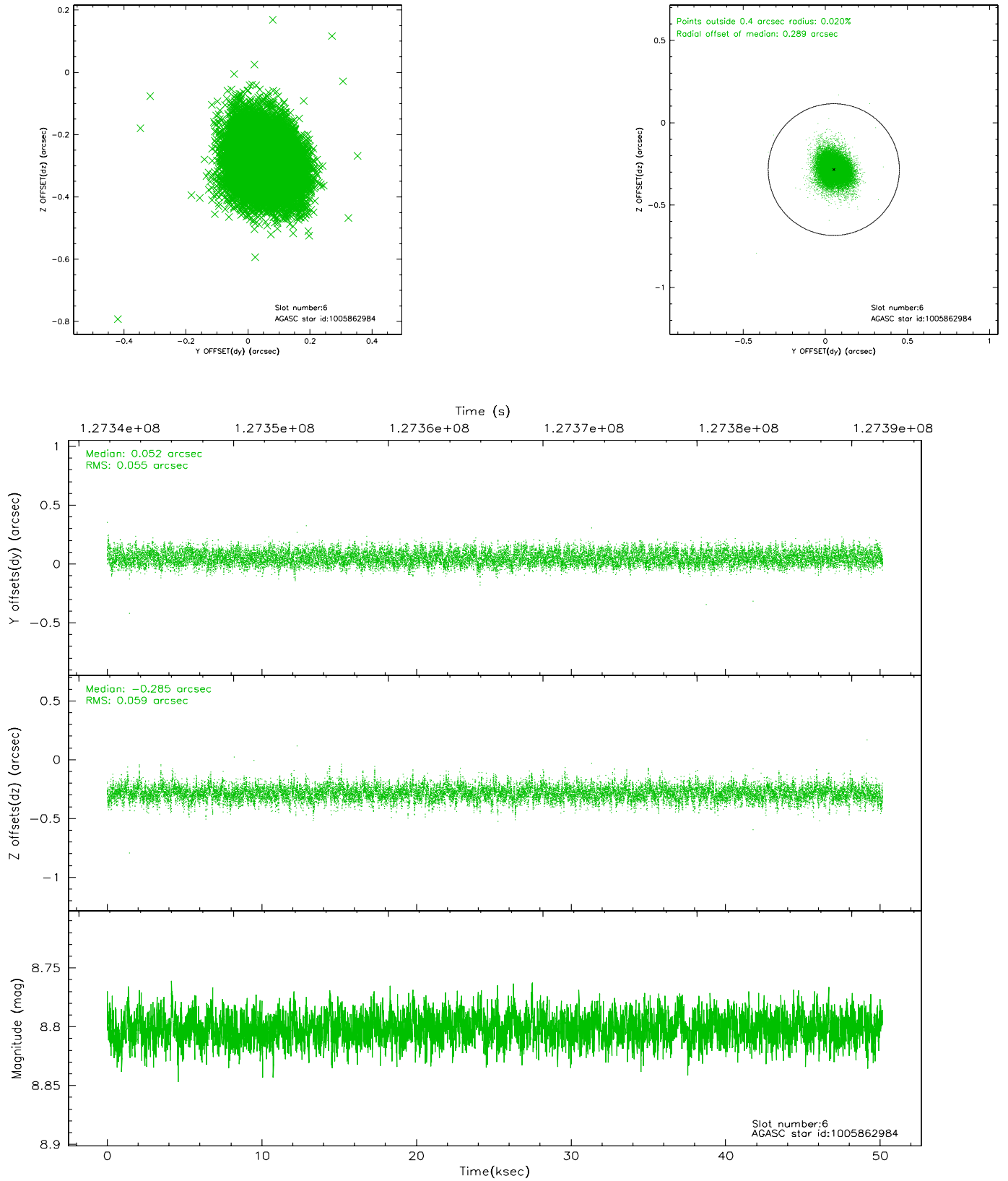
2.4.2 Slot 4



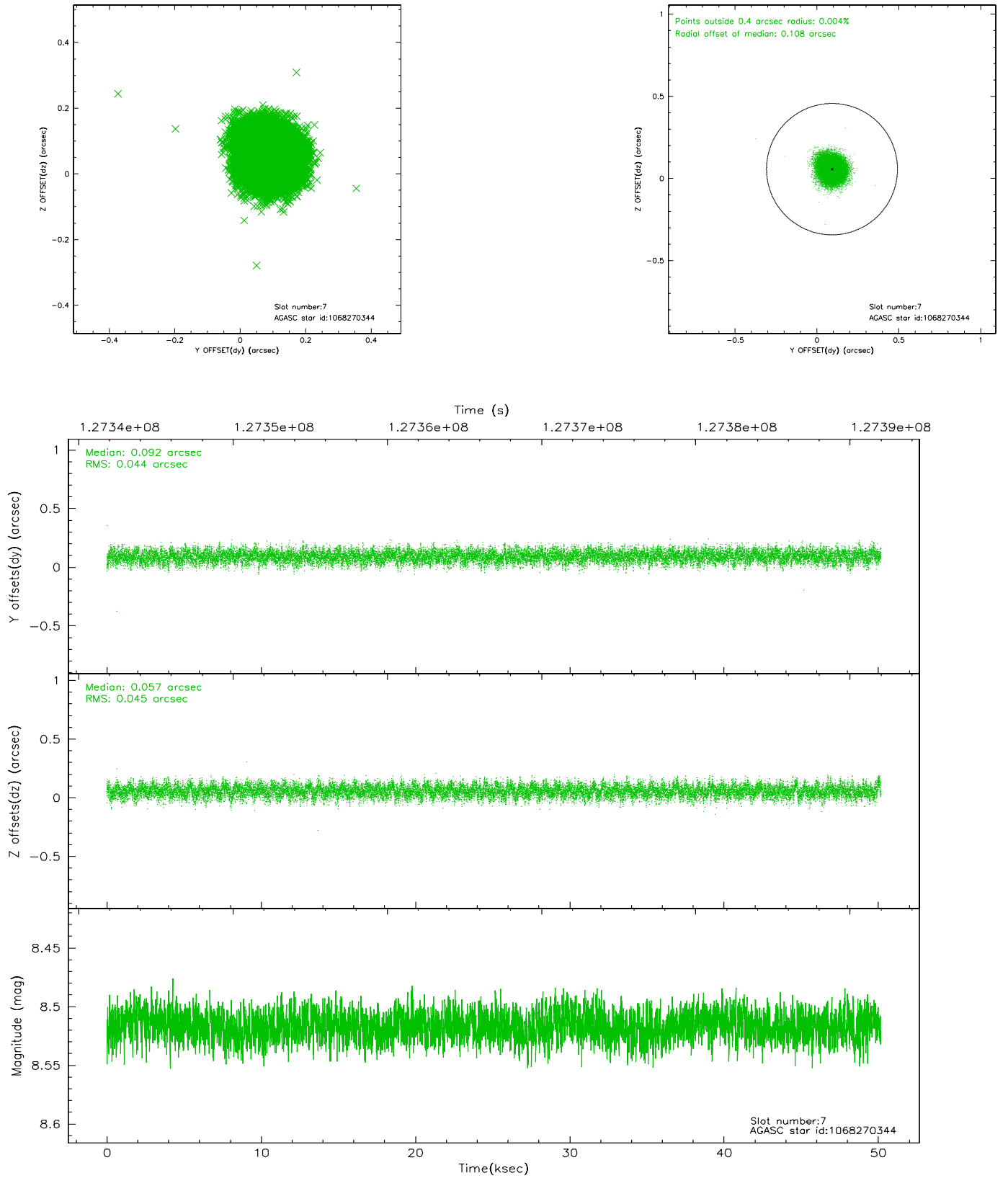
2.4.3 Slot 5



2.4.4 Slot 6

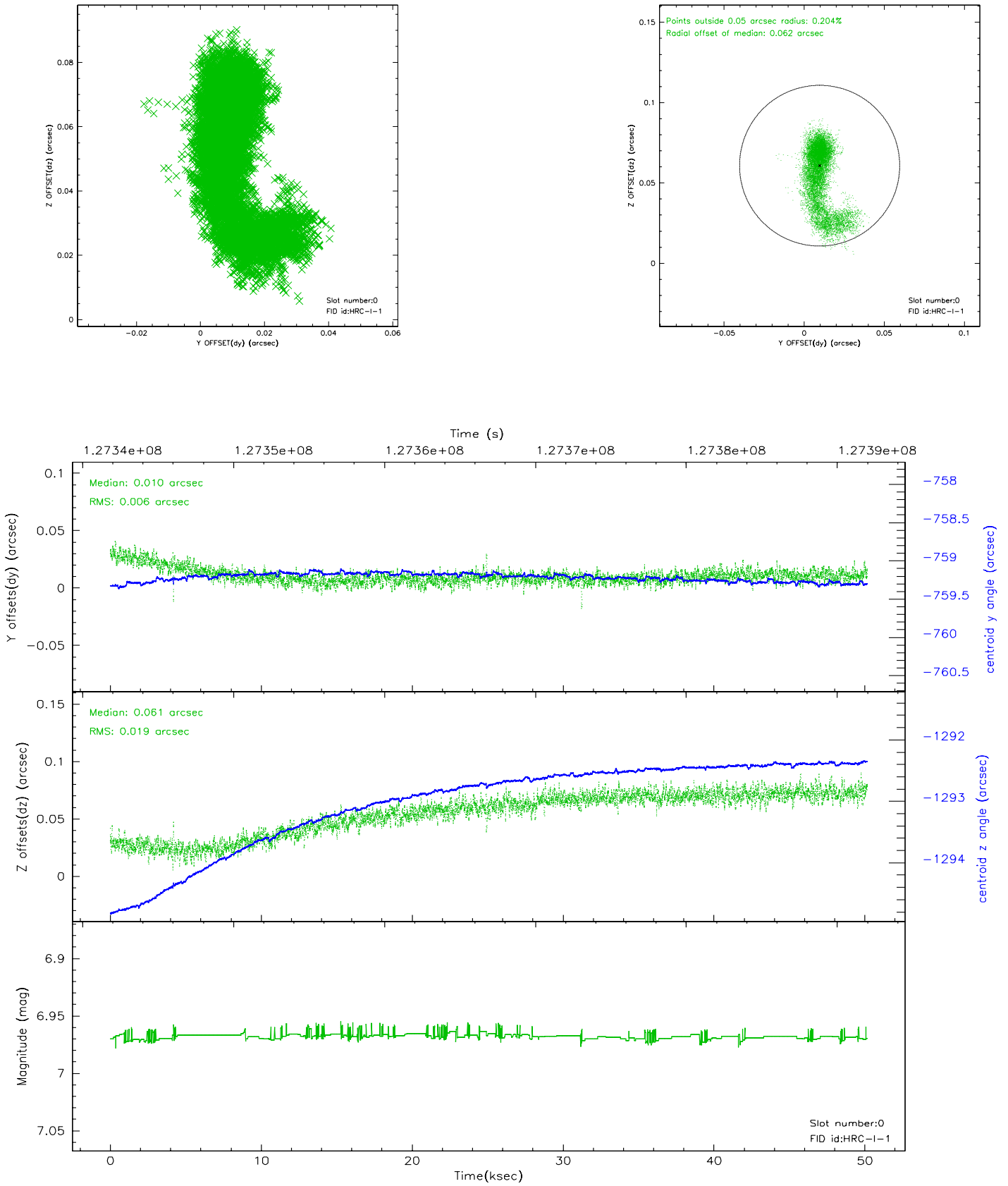


2.4.5 Slot 7

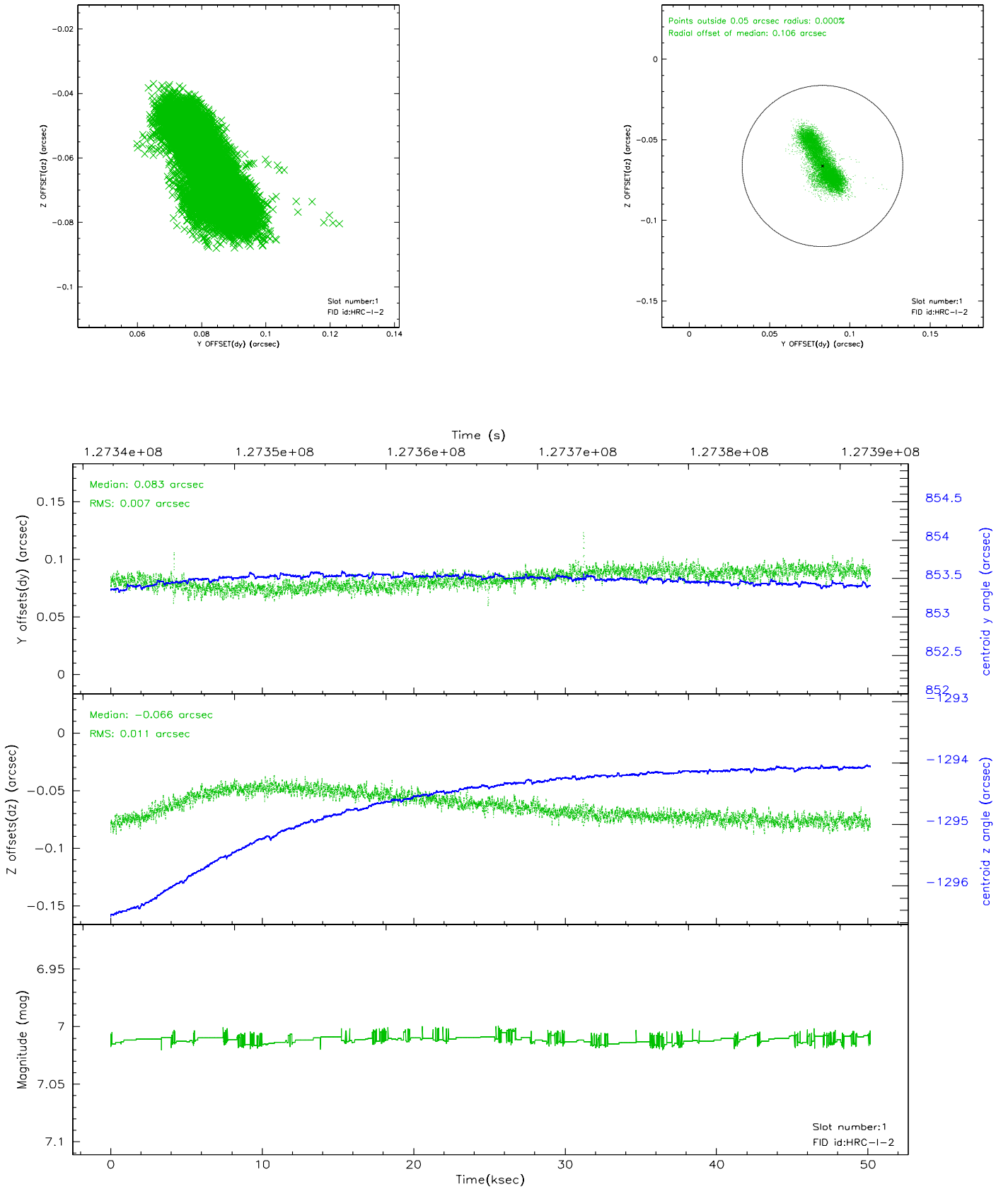


2.5 FID Slots

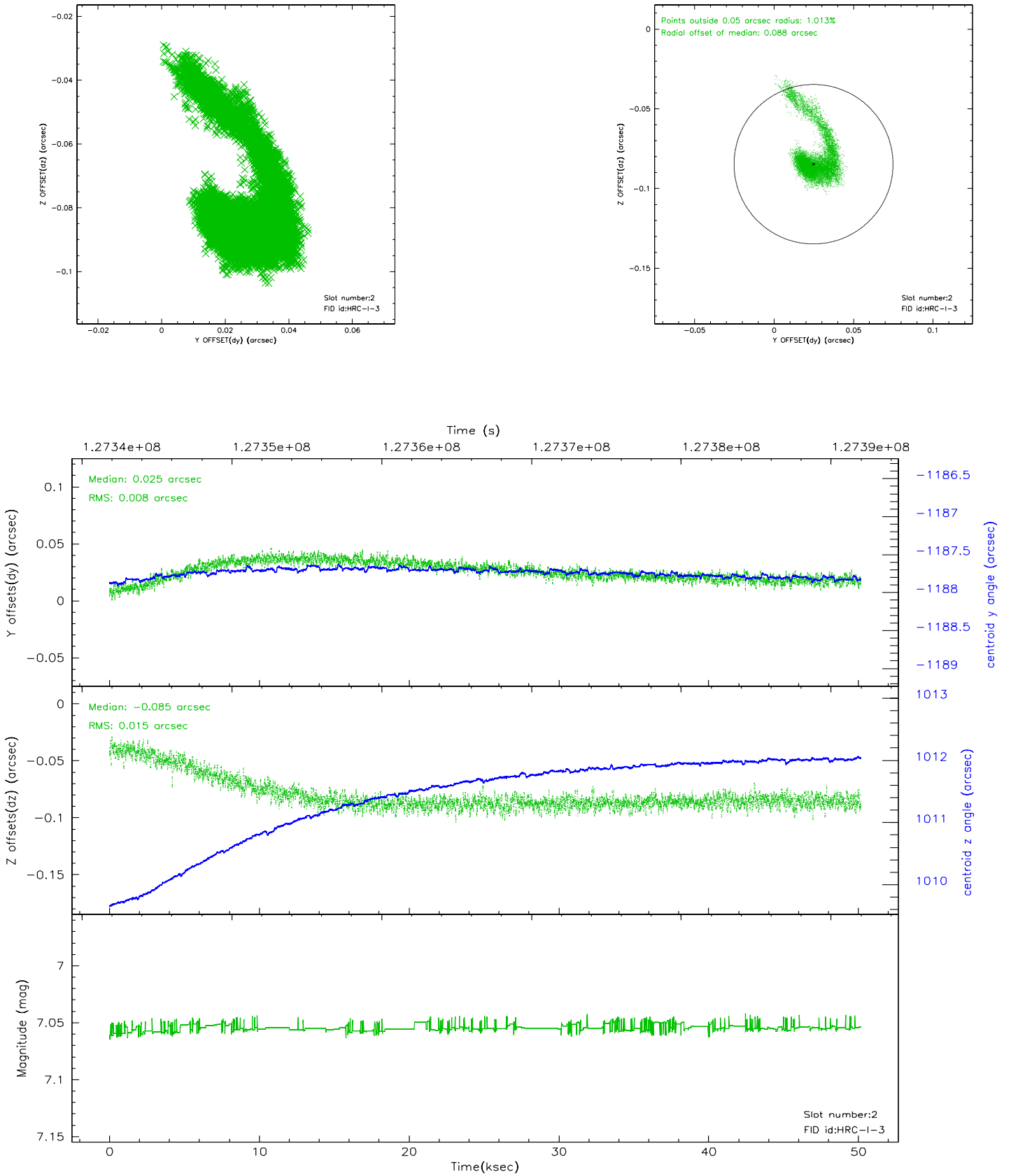
2.5.1 Slot 0



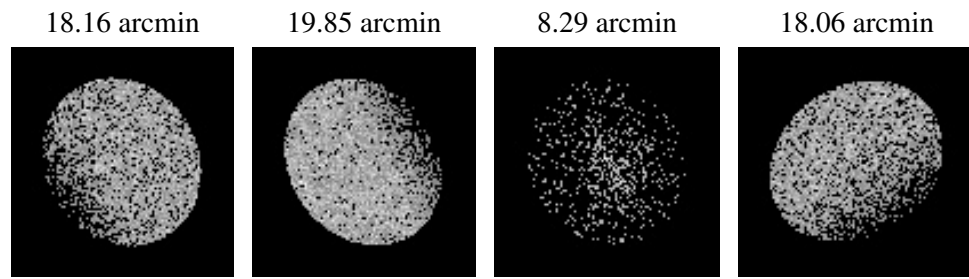
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.855

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at:

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.