

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 299 - L2 Version 4
Chandra X-Ray Center

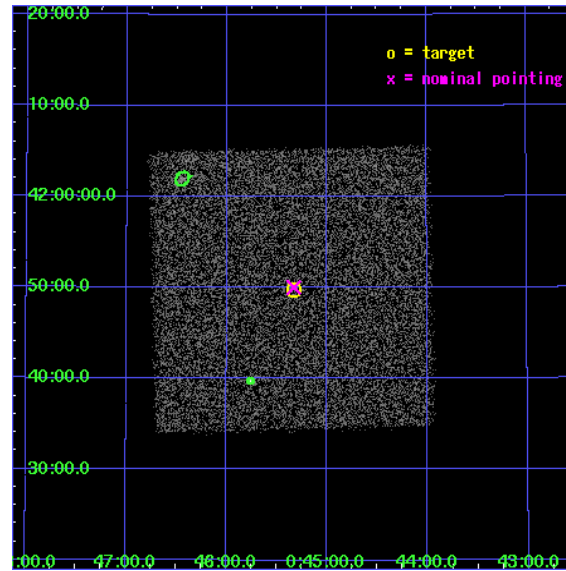
L2 Processing Date : Nov 20 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

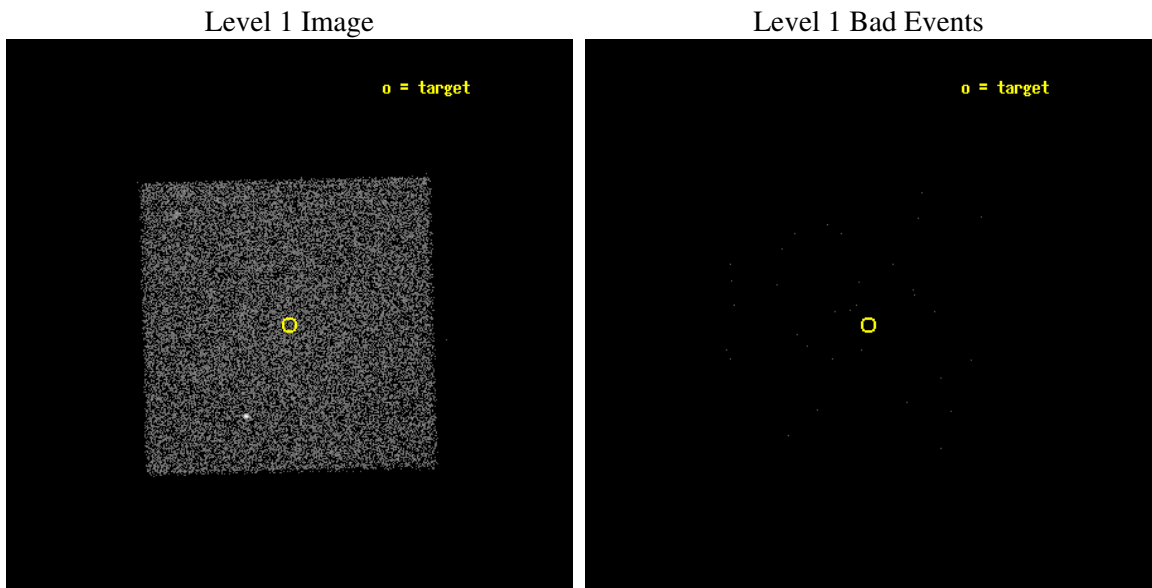
seq_num	600059
obs_id	299
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 2
ra_targ	11.333333
dec_targ	41.829722
ra_nom	11.332230636852
dec_nom	41.833861042303
roll_nom	133.61975171954
revision	4
ontime	1175.9312940538
livetime	1170.6309010156
l2events	27392



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-20T13:38:47
revision	4

sched_exp_time	1000.000000
ontime	1175.9312940538
l1events	43072

2.1.3 Events

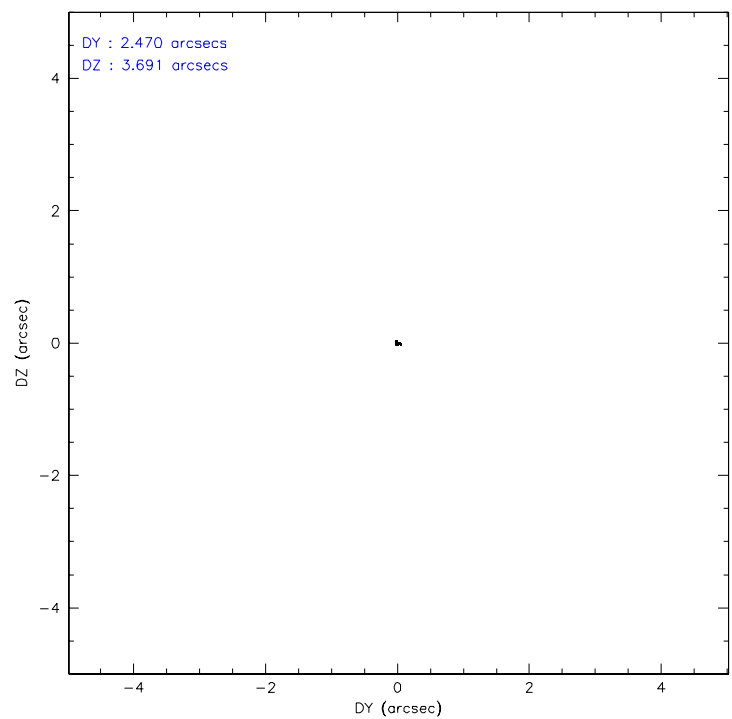
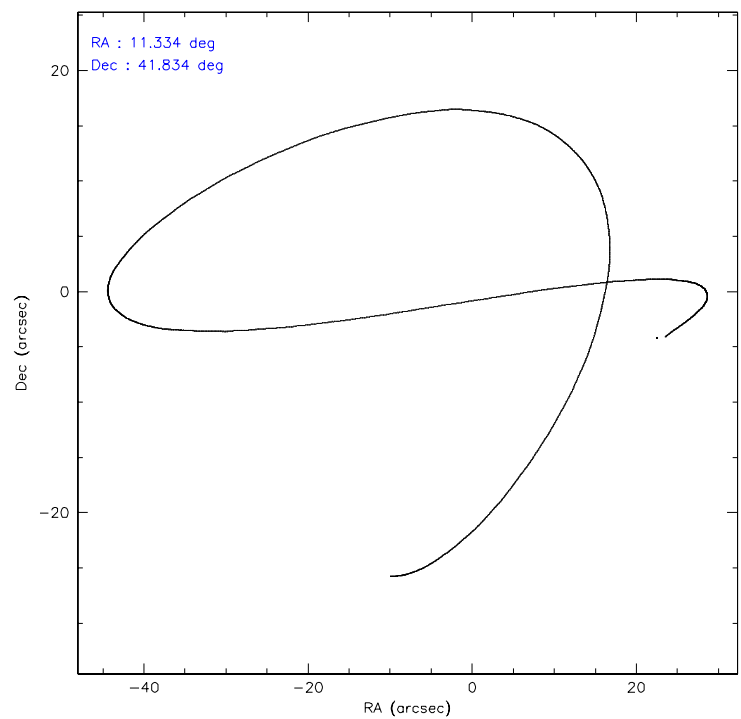
Level 1 Events

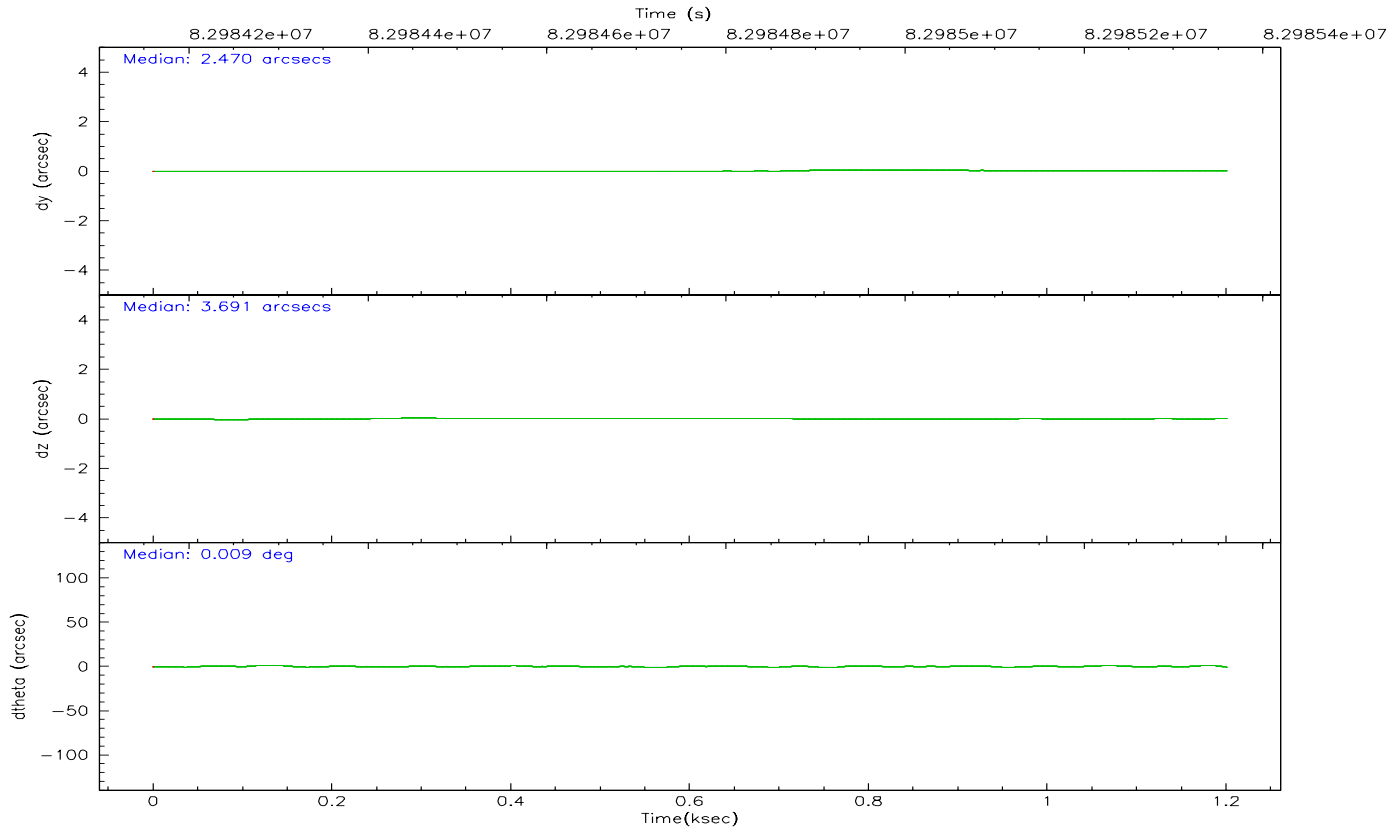
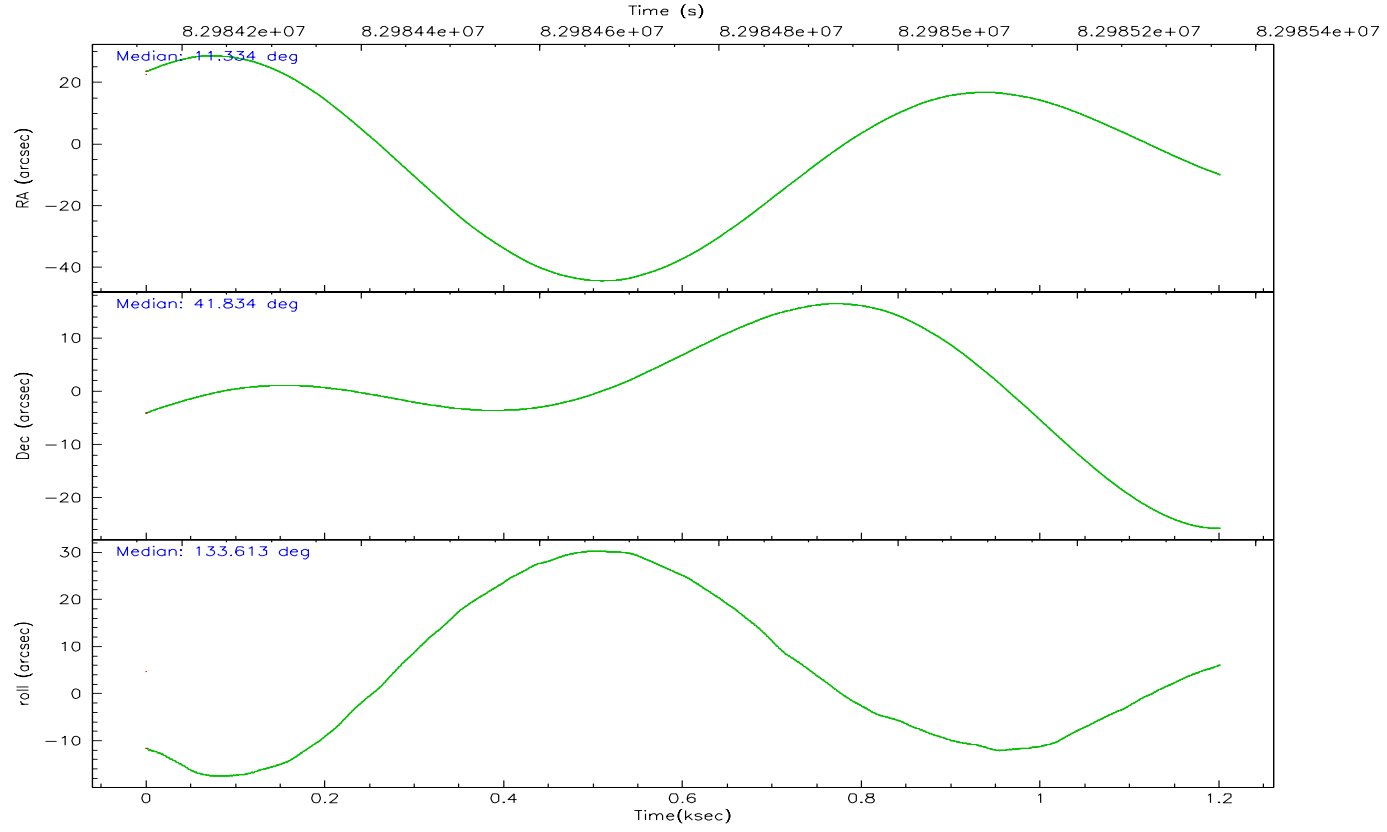
	segment 0
level 1 events	43072
rejected events	2364
rejected %	5%

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	11.366464	11.33223063685214			
Pointing Dec	41.826568	41.83386104230306			
Pointing Roll	133.692361	133.6197517195437			
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	82984363.184000	82983986.945225			
Observation start date	2000-08-18T11:11:39	2000-08-18T11:06:26			
Observation end time	82985363.184000	82985879.607796			
Observation end date	2000-08-18T11:28:19	2000-08-18T11:37:59			

2.3 Aspect



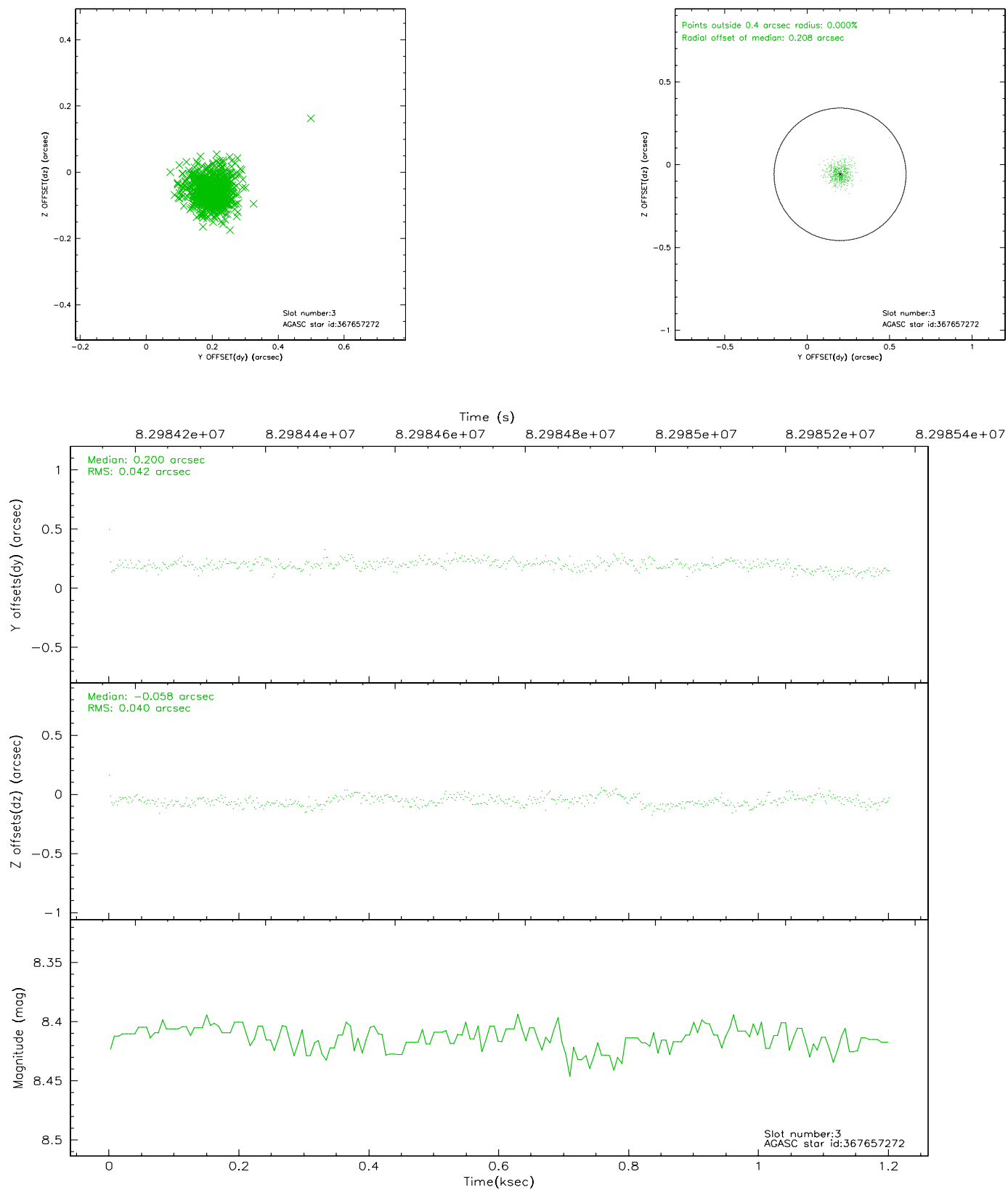


Slot Statistics

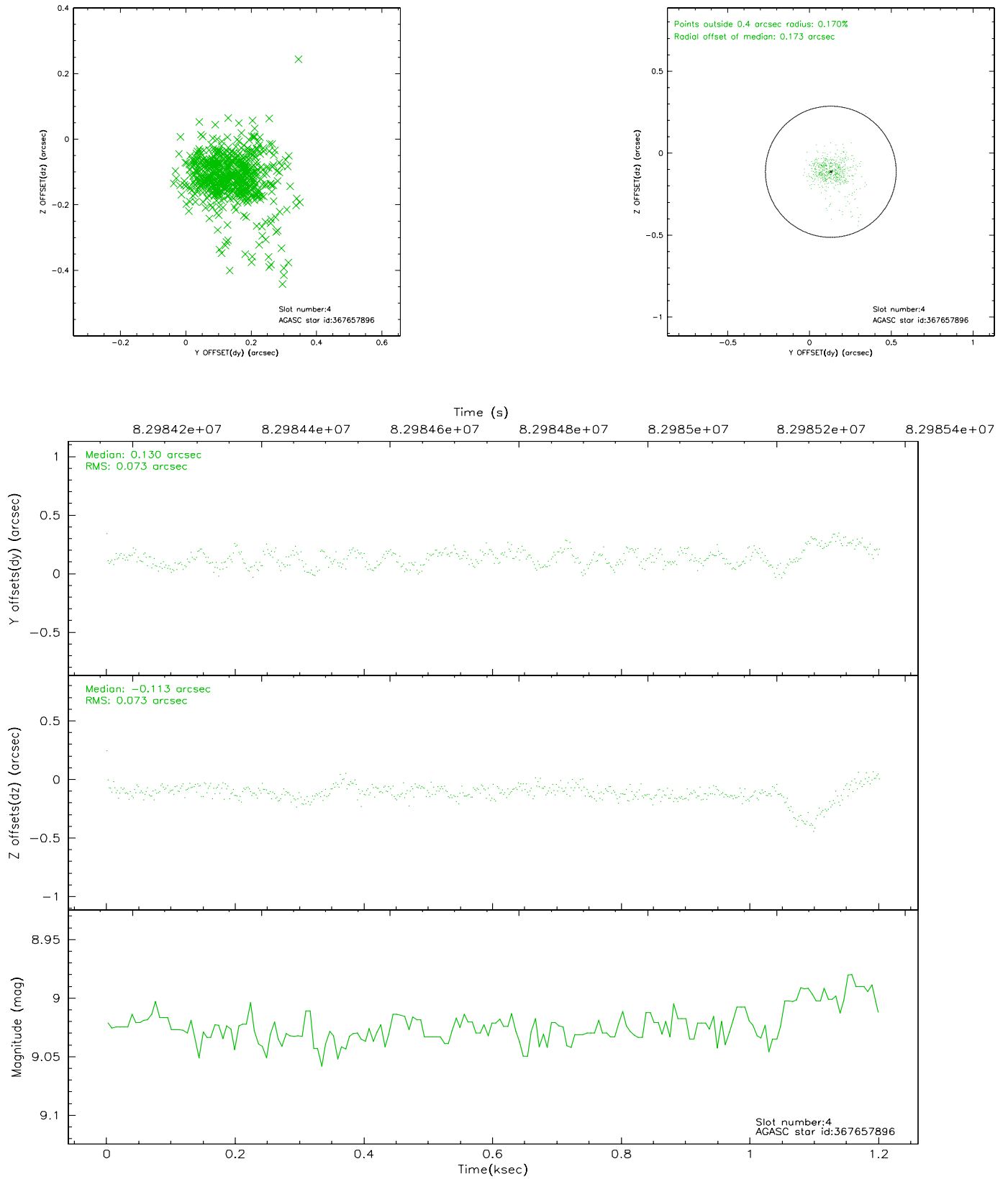
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	294	0.063	0.042	0.006	0.011	0.000000	0.000000	-757.89	-1291.44
1	FID	HRC-I-3	7.04	294	0.024	-0.065	0.007	0.011	0.000000	0.000000	-1188.97	1008.63
2	FID	HRC-I-4	6.98	294	0.026	-0.067	0.005	0.007	0.000000	0.000000	1280.85	1014.02
3	GUIDE	367657272	8.41	587	0.200	-0.058	0.059	0.099	11.834471	41.298907	-2242.11	397.12
4	GUIDE	367657896	9.02	587	0.130	-0.113	0.097	0.193	11.197765	41.313576	-1020.61	1608.51
5	GUIDE	367670520	9.27	587	-0.122	0.133	0.079	0.128	11.265516	42.371946	1606.61	-1156.44
6	GUIDE	367663272	9.30	587	-0.110	-0.119	0.106	0.223	10.656279	41.699429	999.04	1691.83
7	GUIDE	367660528	9.54	583	-0.106	0.144	0.102	0.163	11.676845	42.311657	697.93	-1799.02

2.4 Star Slots

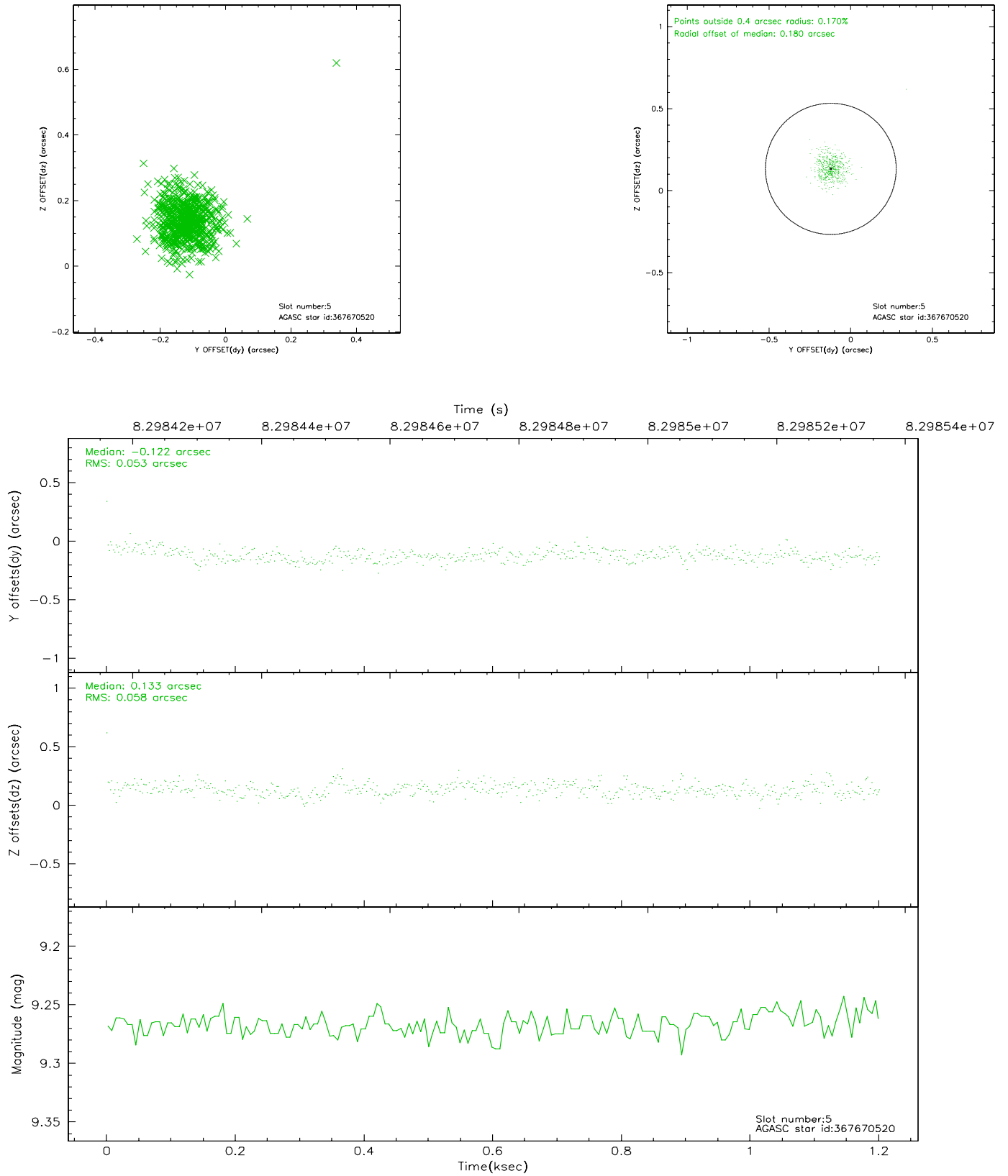
2.4.1 Slot 3



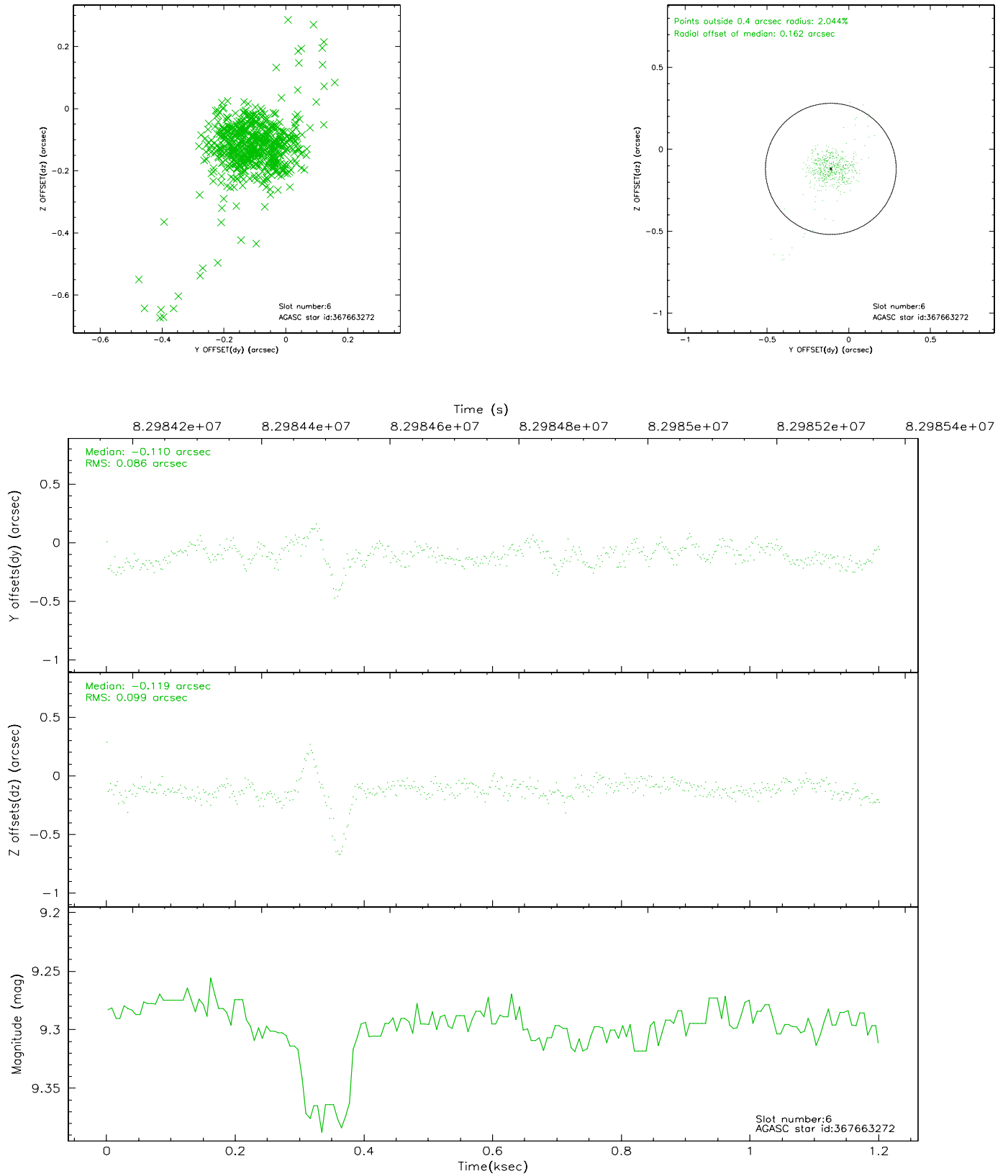
2.4.2 Slot 4



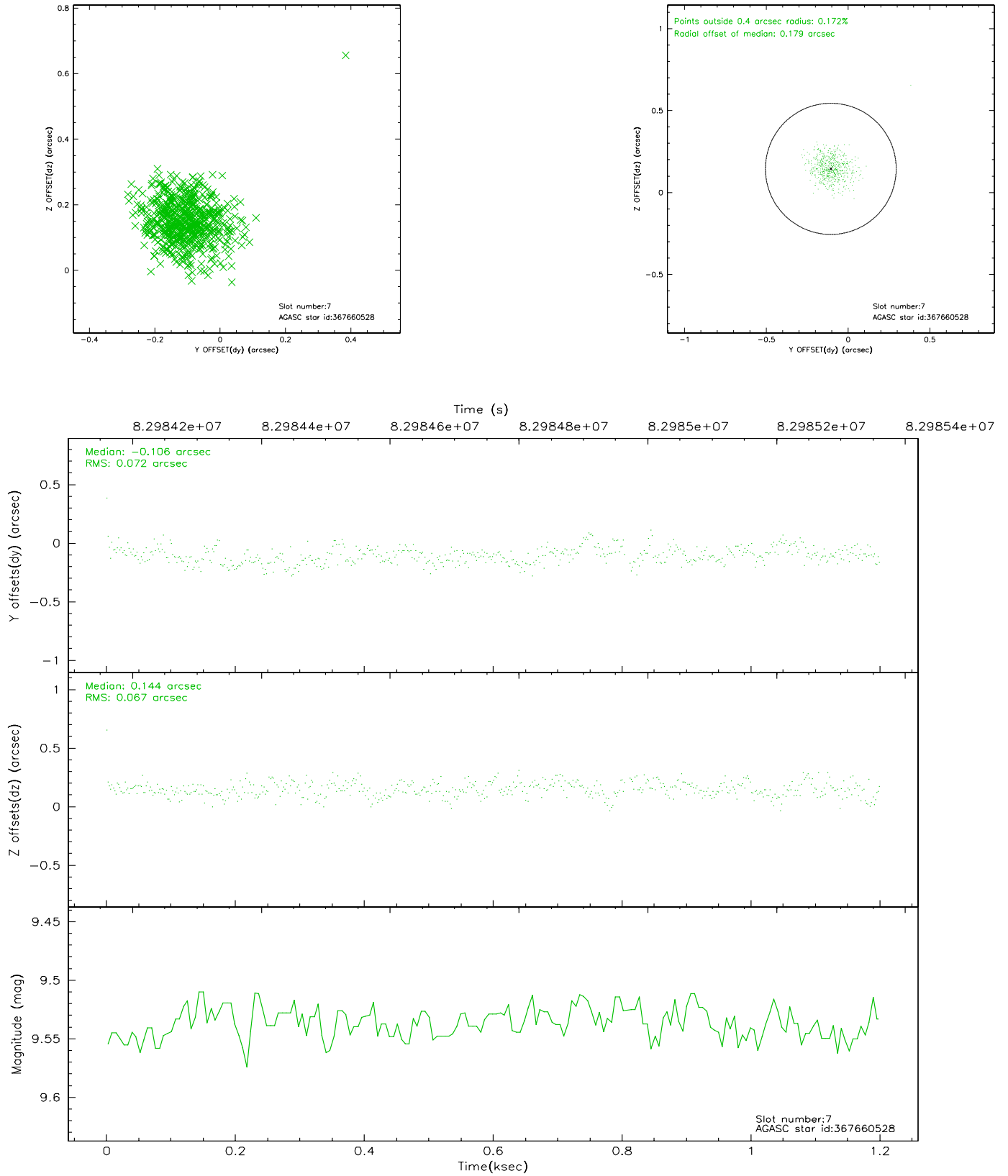
2.4.3 Slot 5



2.4.4 Slot 6

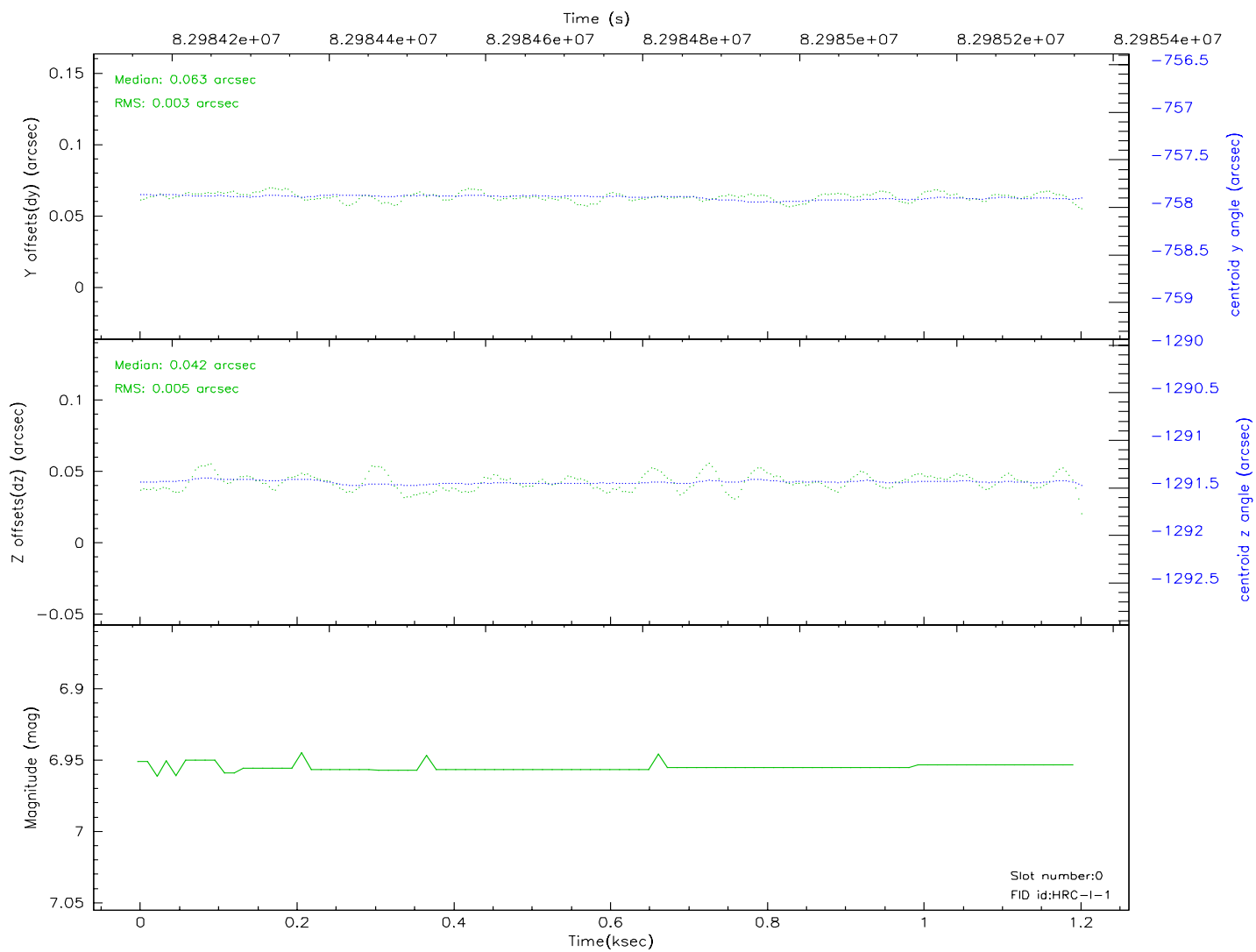
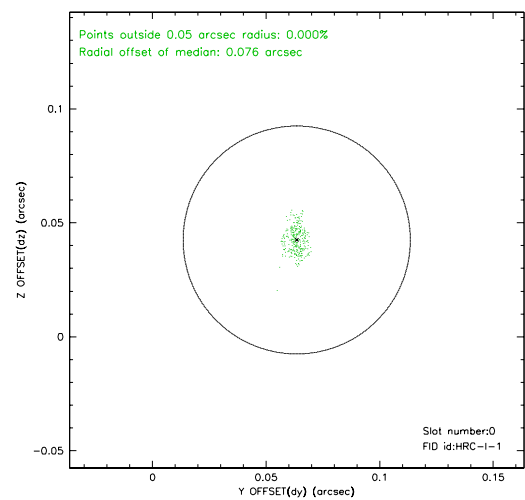
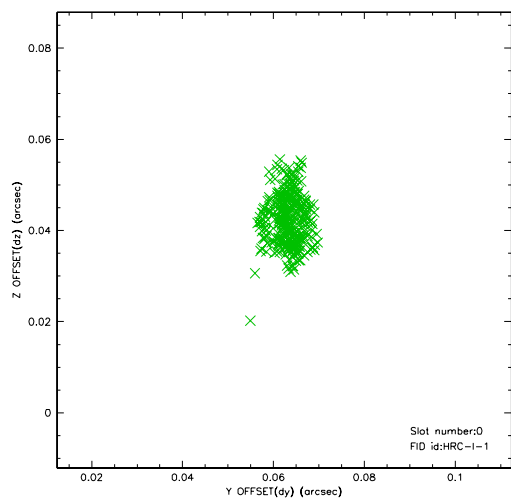


2.4.5 Slot 7

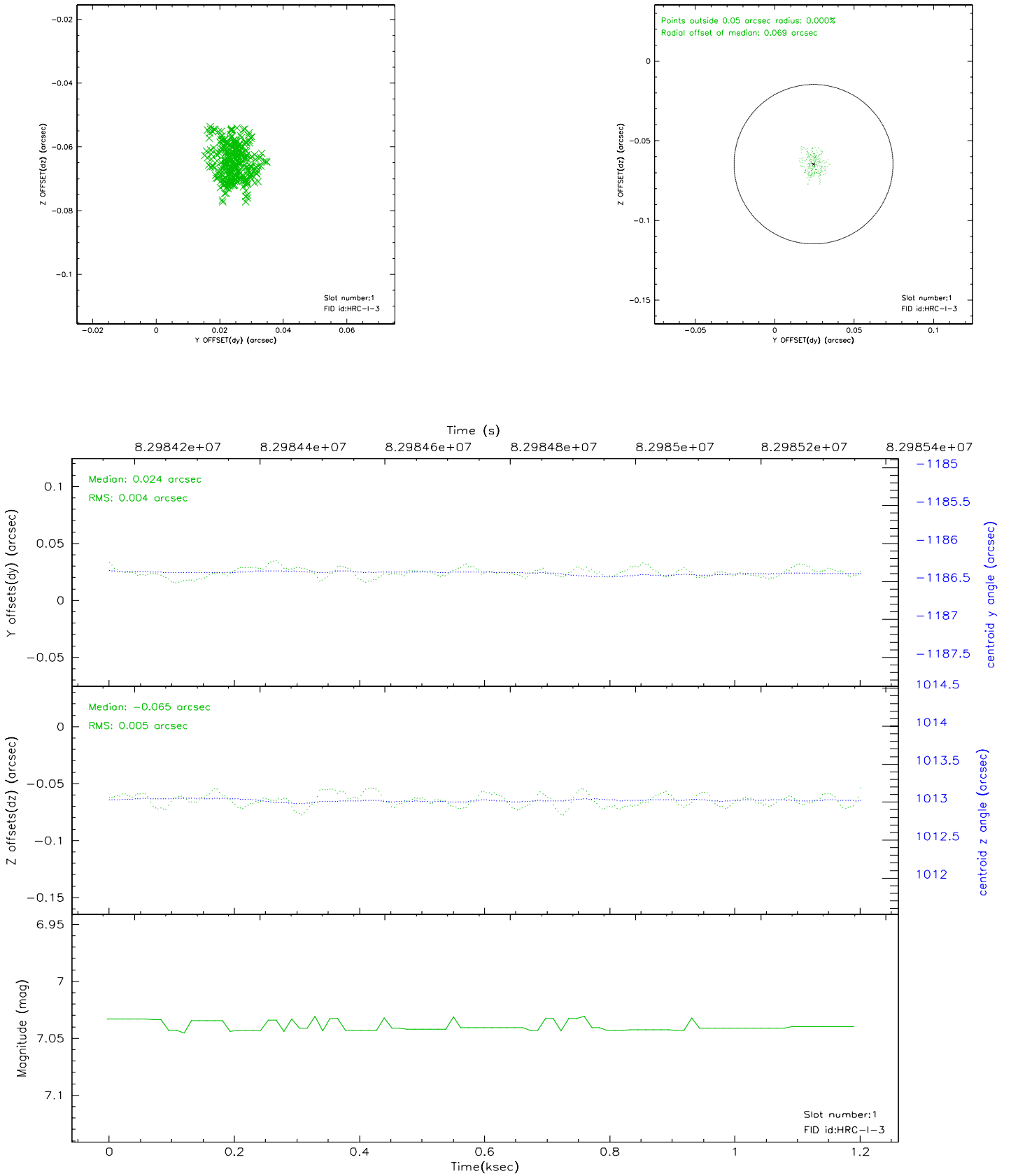


2.5 FID Slots

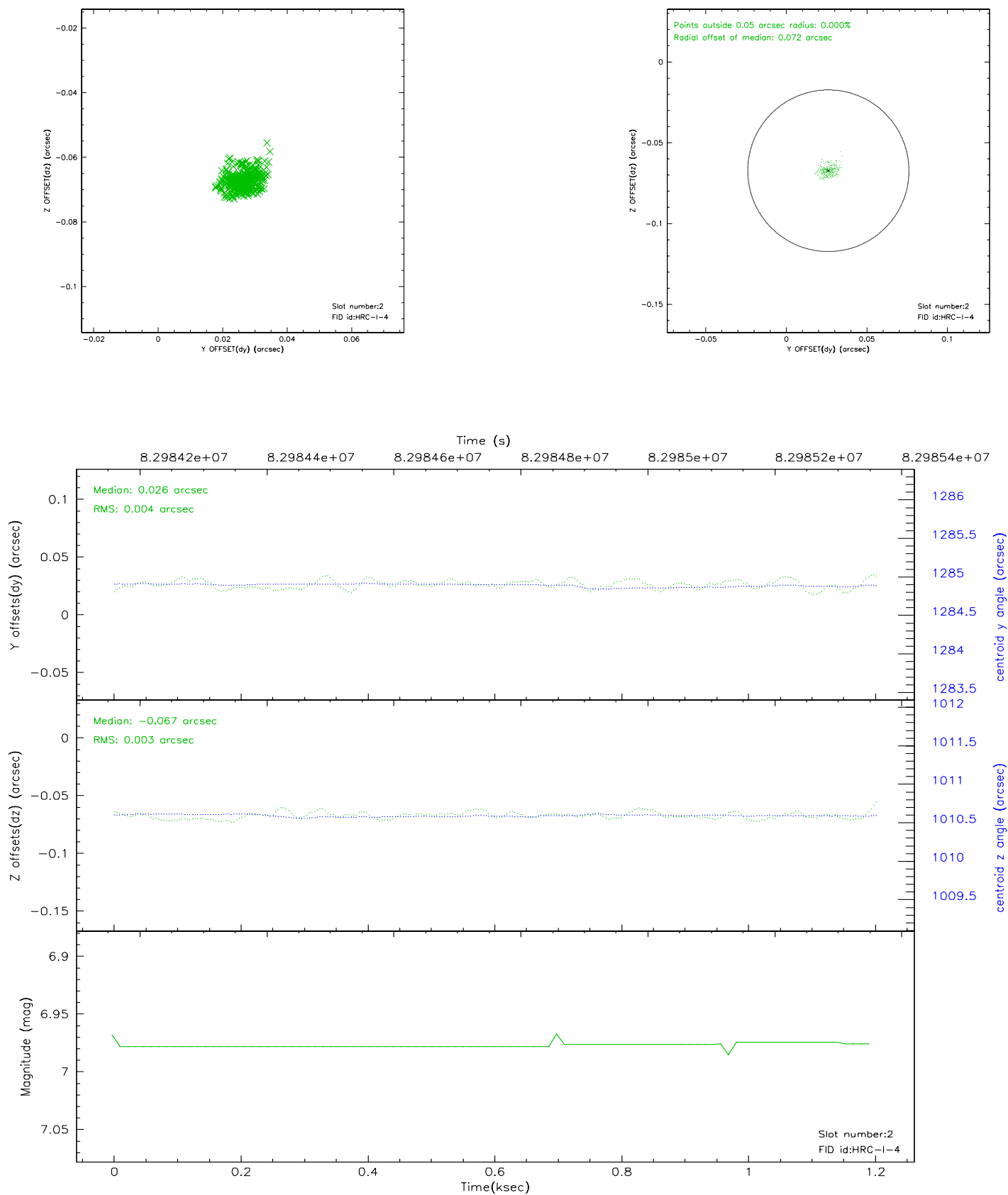
2.5.1 Slot 0



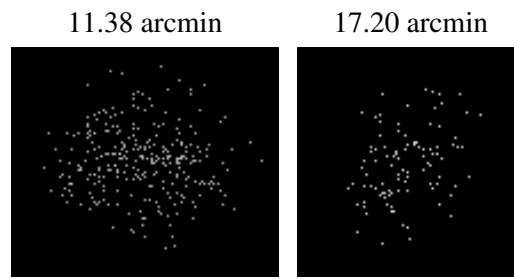
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.174

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.