

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3734 - L2 Version 3
Chandra X-Ray Center

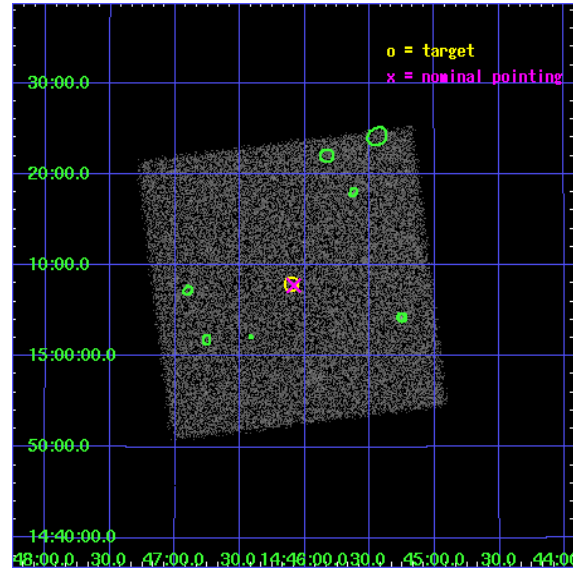
L2 Processing Date : Nov 23 2007

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

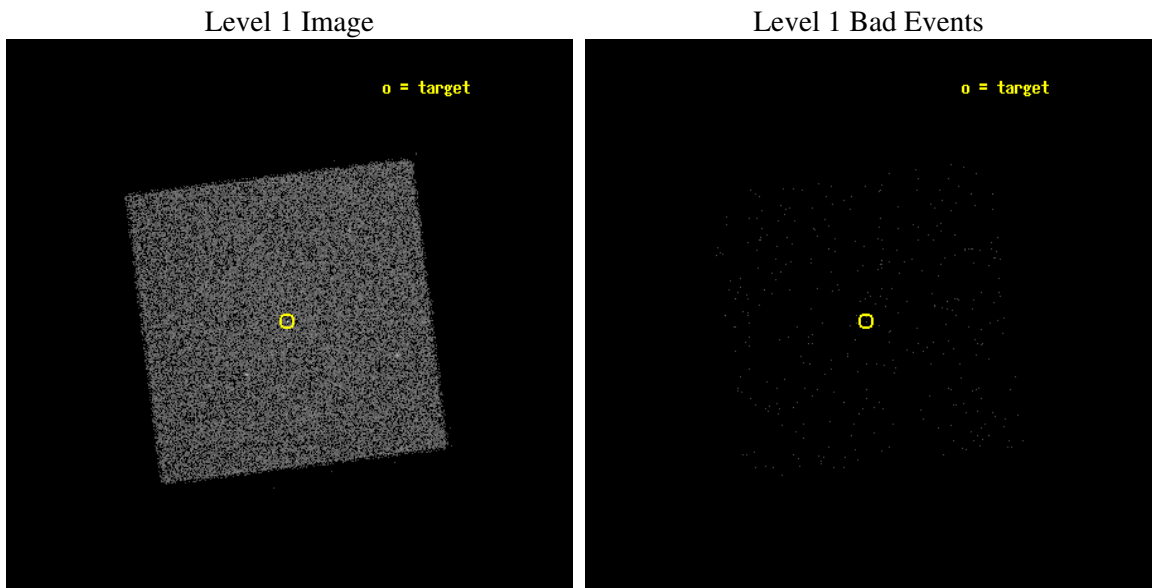
seq_num	200204
obs_id	3734
title	X-RAY ACTIVITY IN M-TYPE GIANTS
observer	Dr Matthias Huensch
object	HR 5512
ra_targ	221.525
dec_targ	15.131667
ra_nom	221.52106537232
dec_nom	15.129926944566
roll_nom	217.85782778924
revision	3
ontime	1793.7500760853
livetime	1784.8329774863
l2events	46391



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-23T18:41:35
revision	3

sched_exp_time	1900.000000
ontime	1793.7500760853
l1events	102617

2.1.3 Events

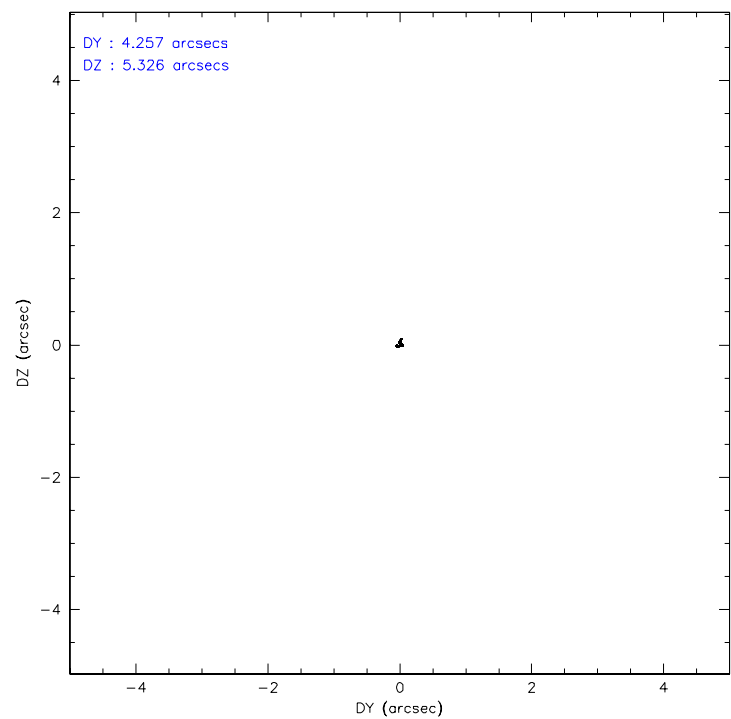
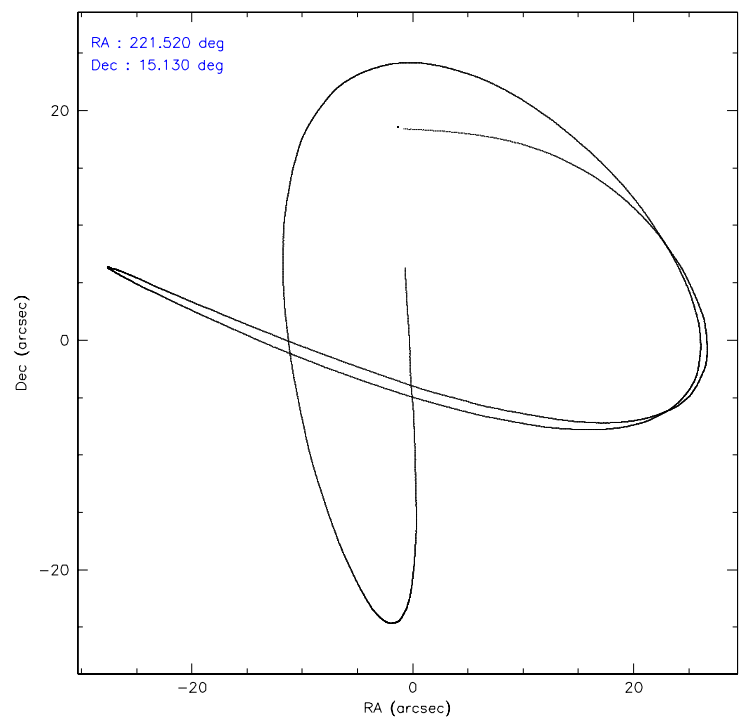
Level 1 Events

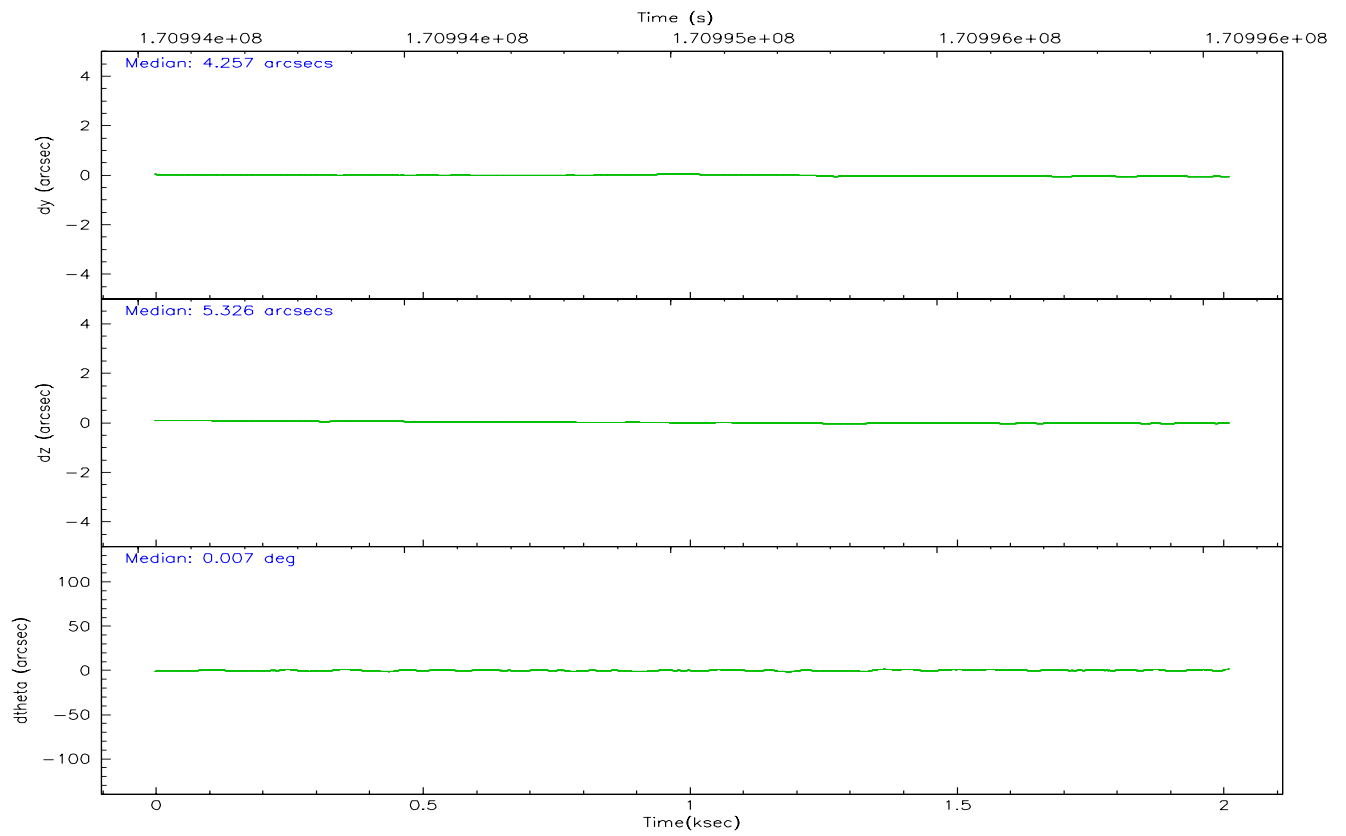
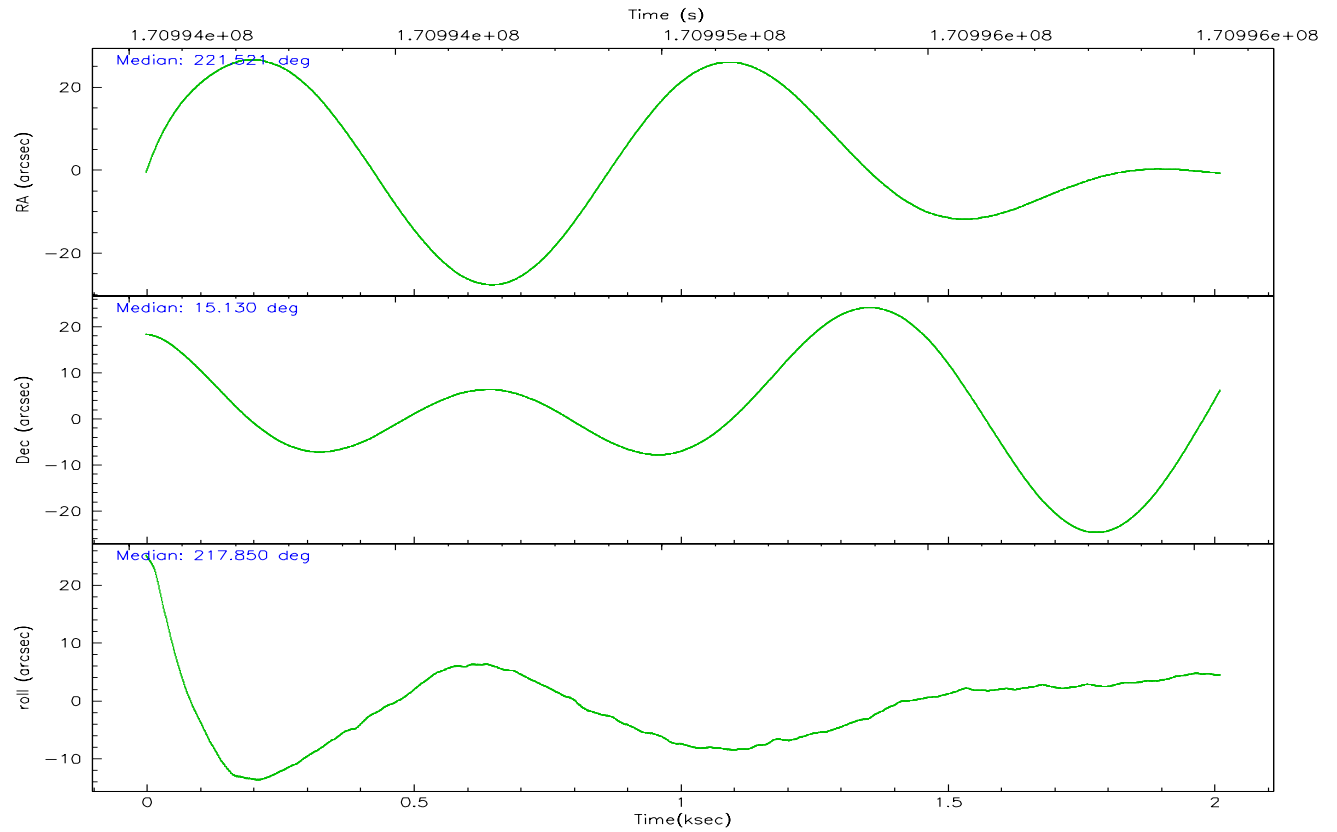
	segment 0
level 1 events	102617
rejected events	34018
rejected %	33%

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	221.530815	221.521065372315			
Pointing Dec	15.155917	15.12992694456572			
Pointing Roll	217.950644	217.8578277892366			
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	170994142.184000	170993208.26192			
Observation start date	2003-06-03T02:21:18	2003-06-03T02:06:48			
Observation end time	170996042.184000	170996993.58708			
Observation end date	2003-06-03T02:52:58	2003-06-03T03:09:53			

2.3 Aspect



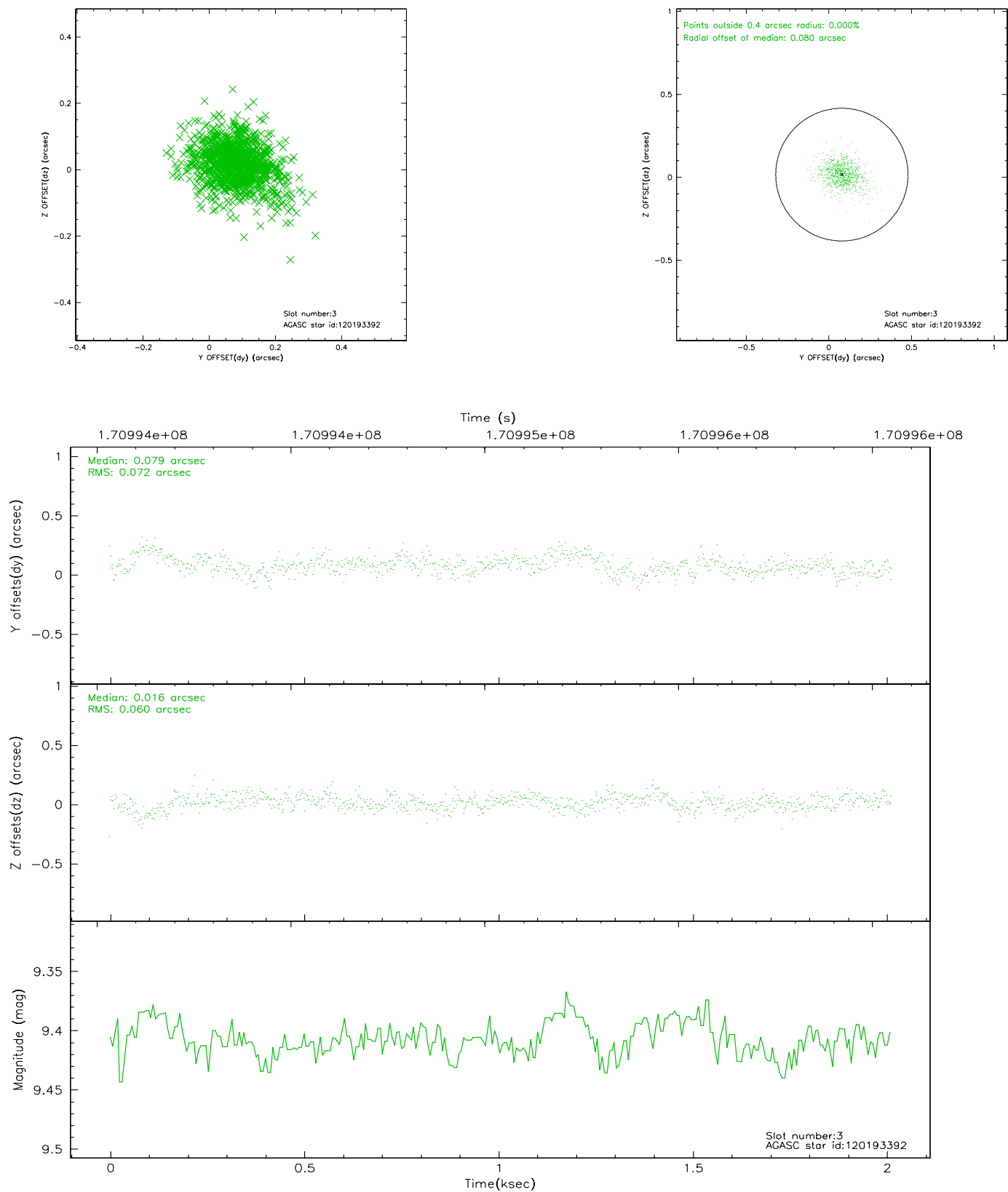


Slot Statistics

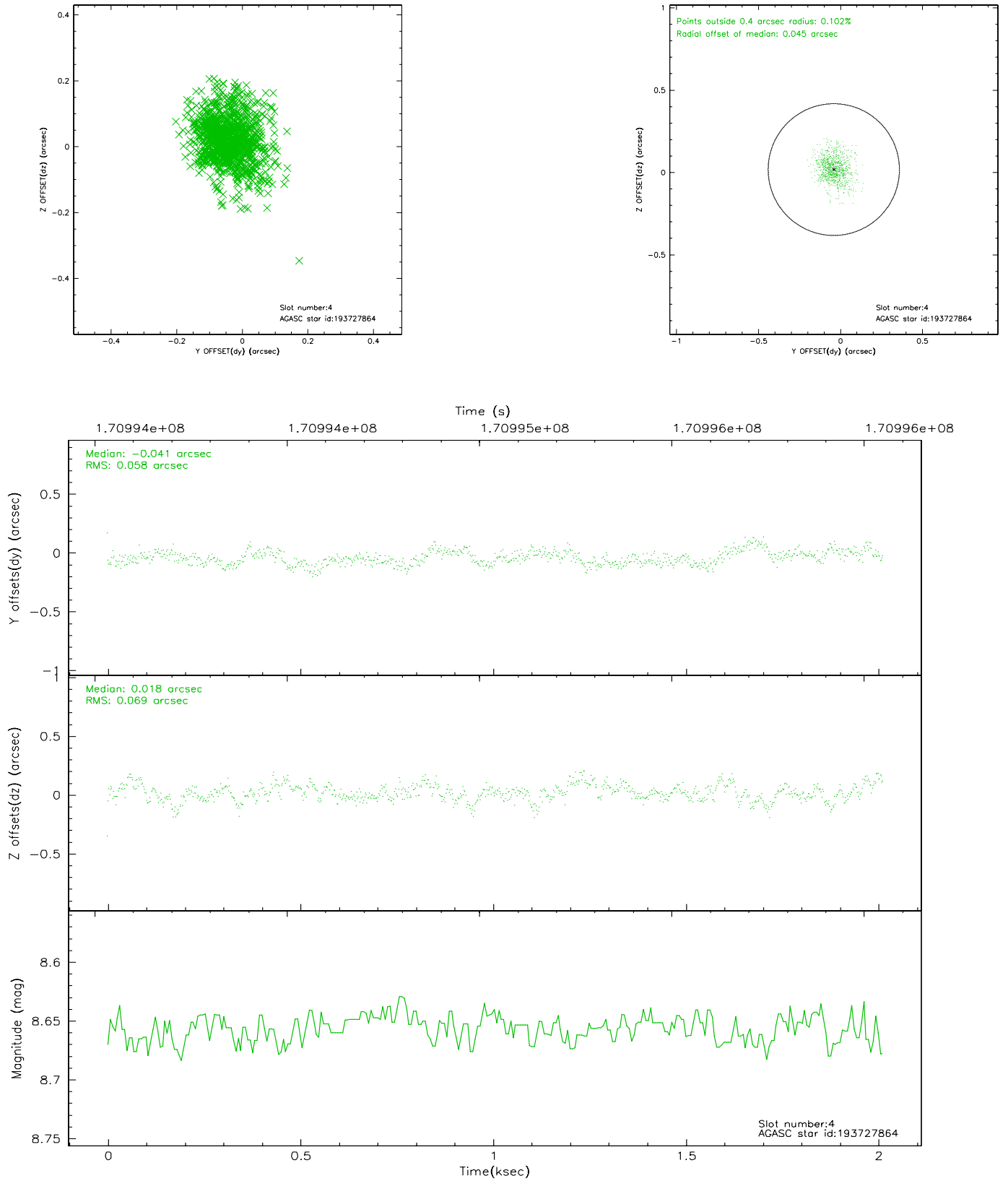
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	491	-0.010	0.004	0.008	0.013	0.000000	0.000000	-759.72	-1293.16
1	FID	HRC-I-2	7.03	491	0.113	-0.065	0.006	0.012	0.000000	0.000000	851.49	-1297.38
2	FID	HRC-I-3	7.07	492	0.015	-0.028	0.006	0.012	0.000000	0.000000	-1186.53	1008.72
3	GUIDE	120193392	9.41	982	0.079	0.016	0.096	0.169	221.172589	14.692823	2007.69	544.72
4	GUIDE	193727864	8.66	983	-0.041	0.018	0.093	0.164	221.624672	15.518983	-1058.98	-832.30
5	GUIDE	120193752	9.05	983	-0.061	0.049	0.099	0.153	221.853690	14.590356	362.59	2293.58
6	GUIDE	193593904	9.20	981	0.120	-0.075	0.109	0.183	220.676210	15.367467	1867.53	-2429.30
7	GUIDE	193593752	8.77	982	-0.099	-0.017	0.096	0.146	221.299595	15.807237	-808.99	-2346.77

2.4 Star Slots

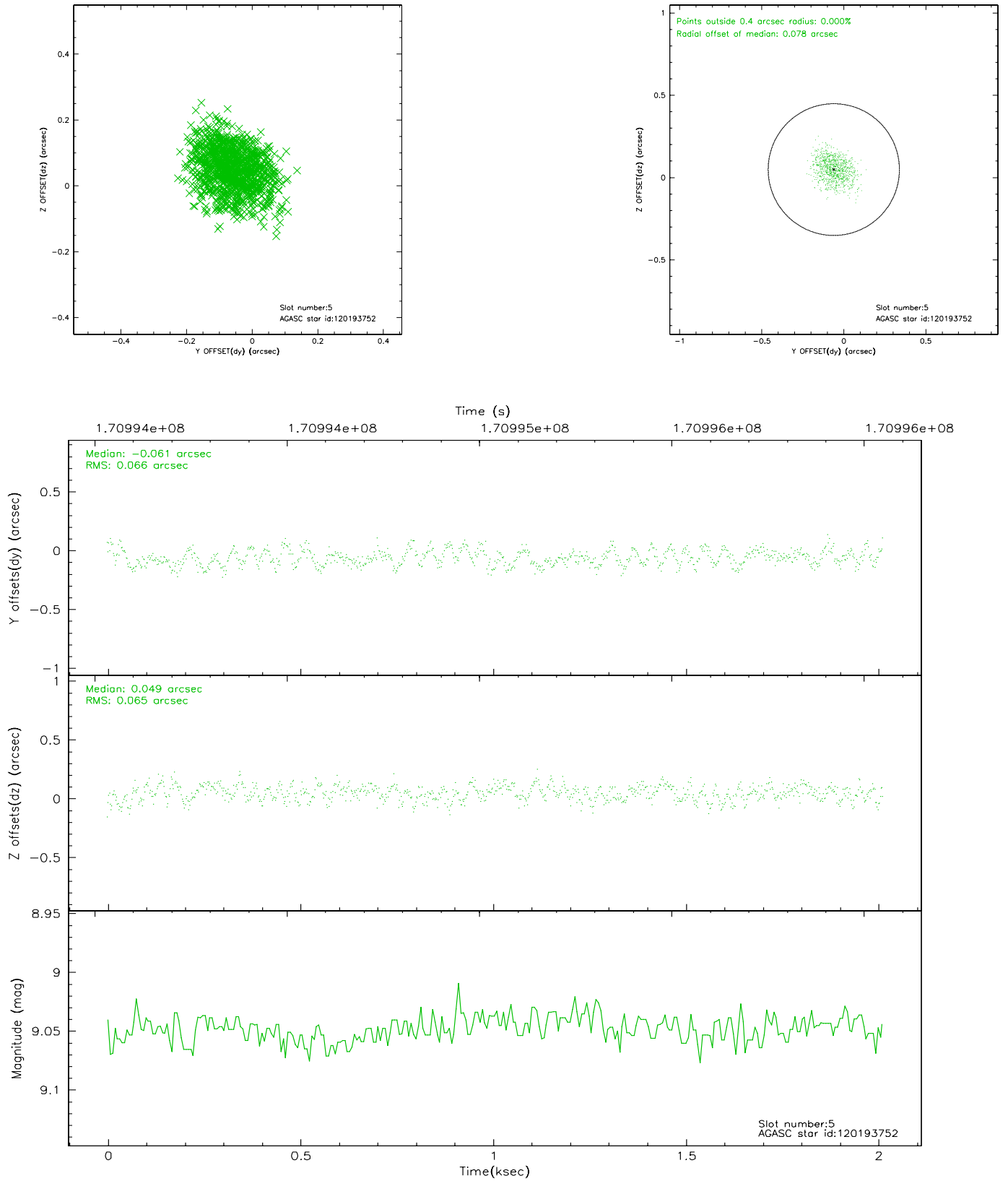
2.4.1 Slot 3



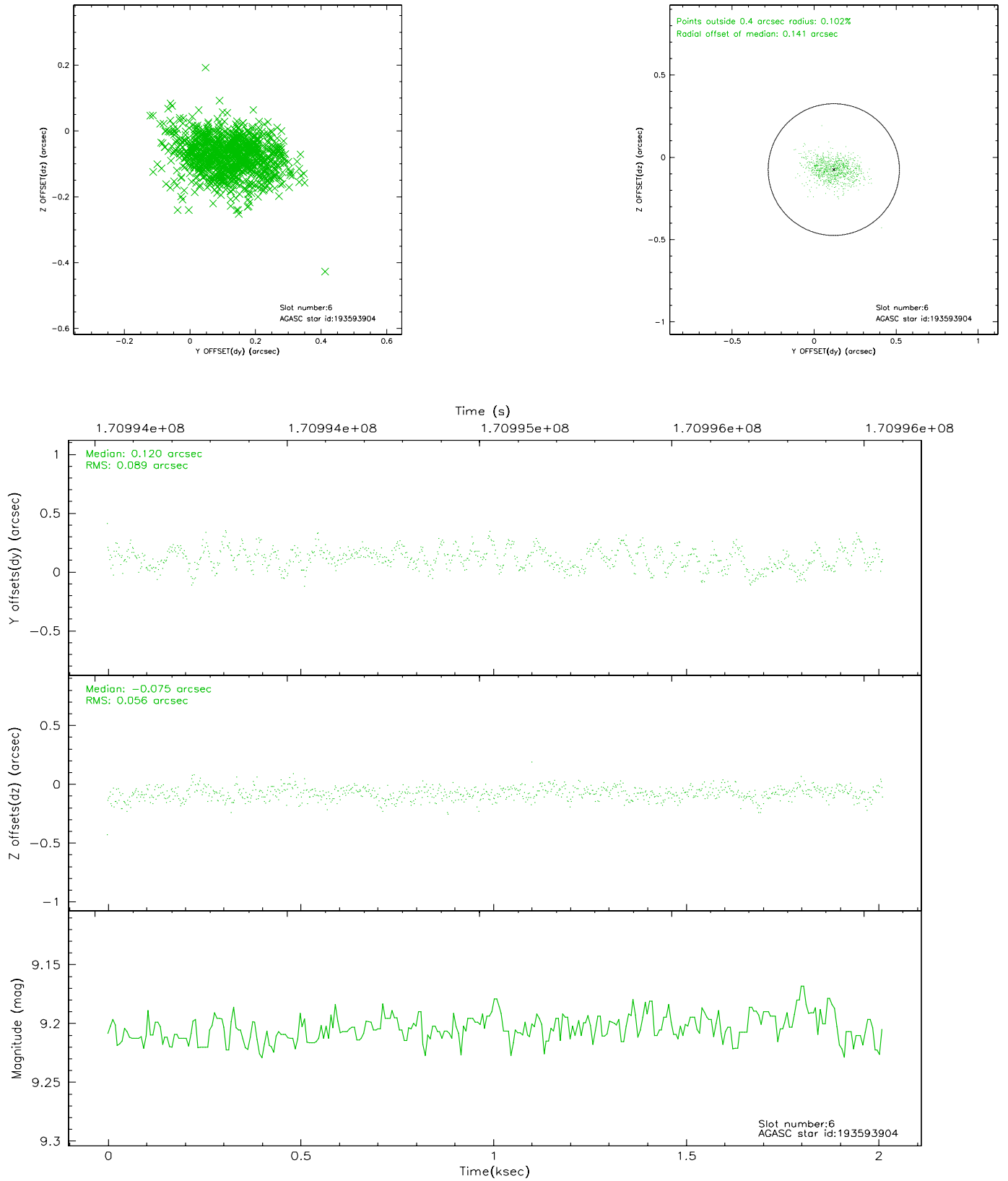
2.4.2 Slot 4



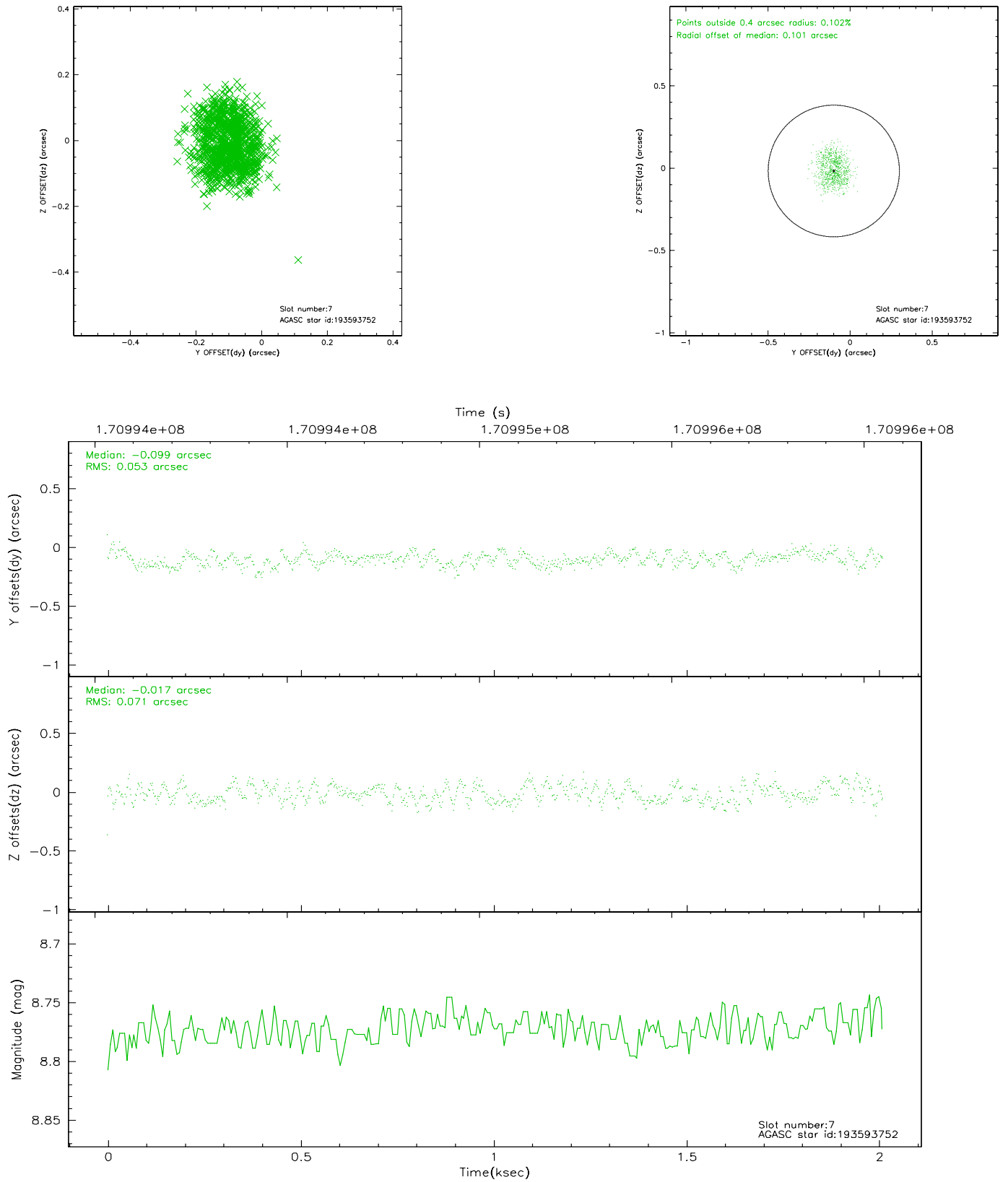
2.4.3 Slot 5



2.4.4 Slot 6

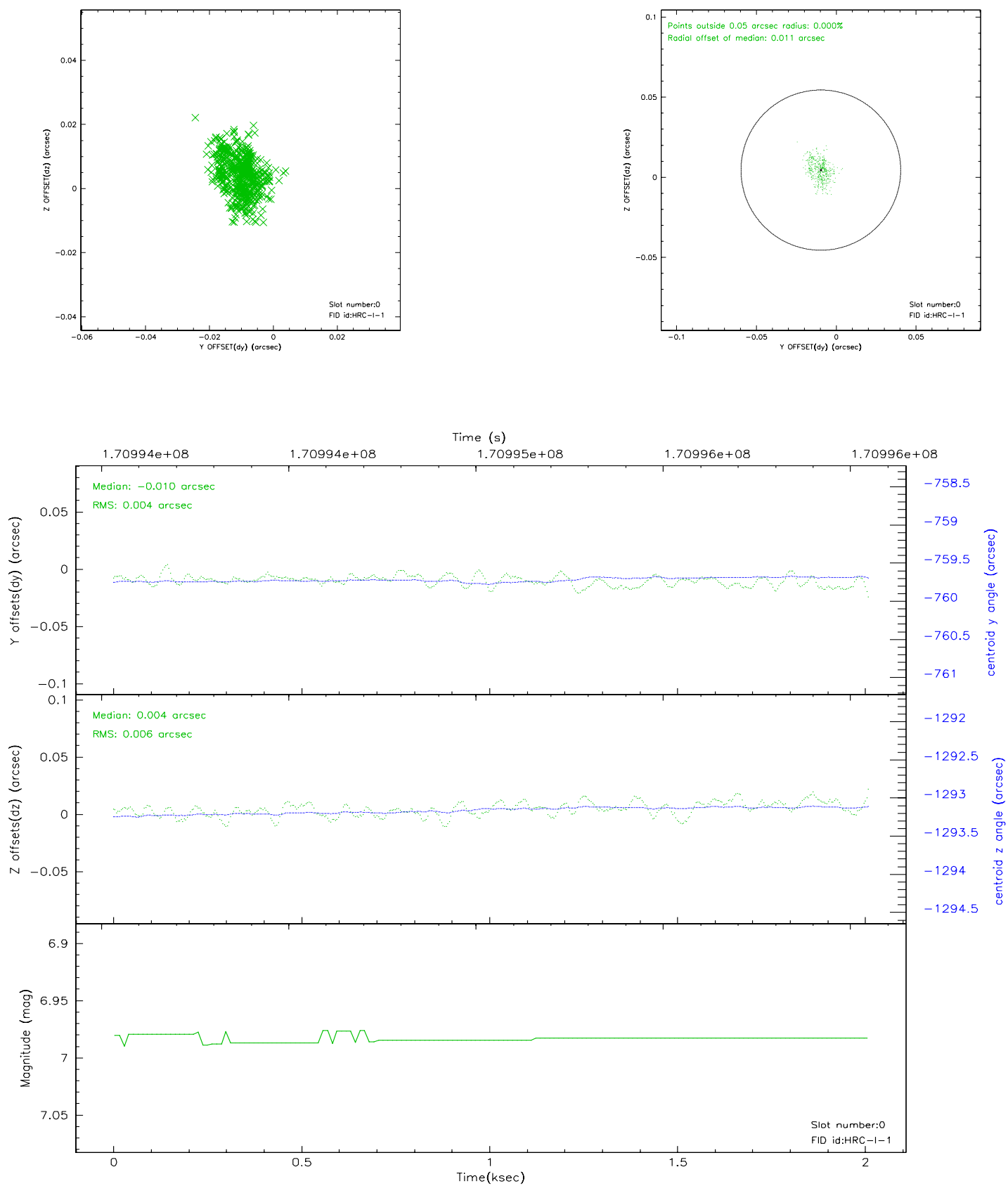


2.4.5 Slot 7

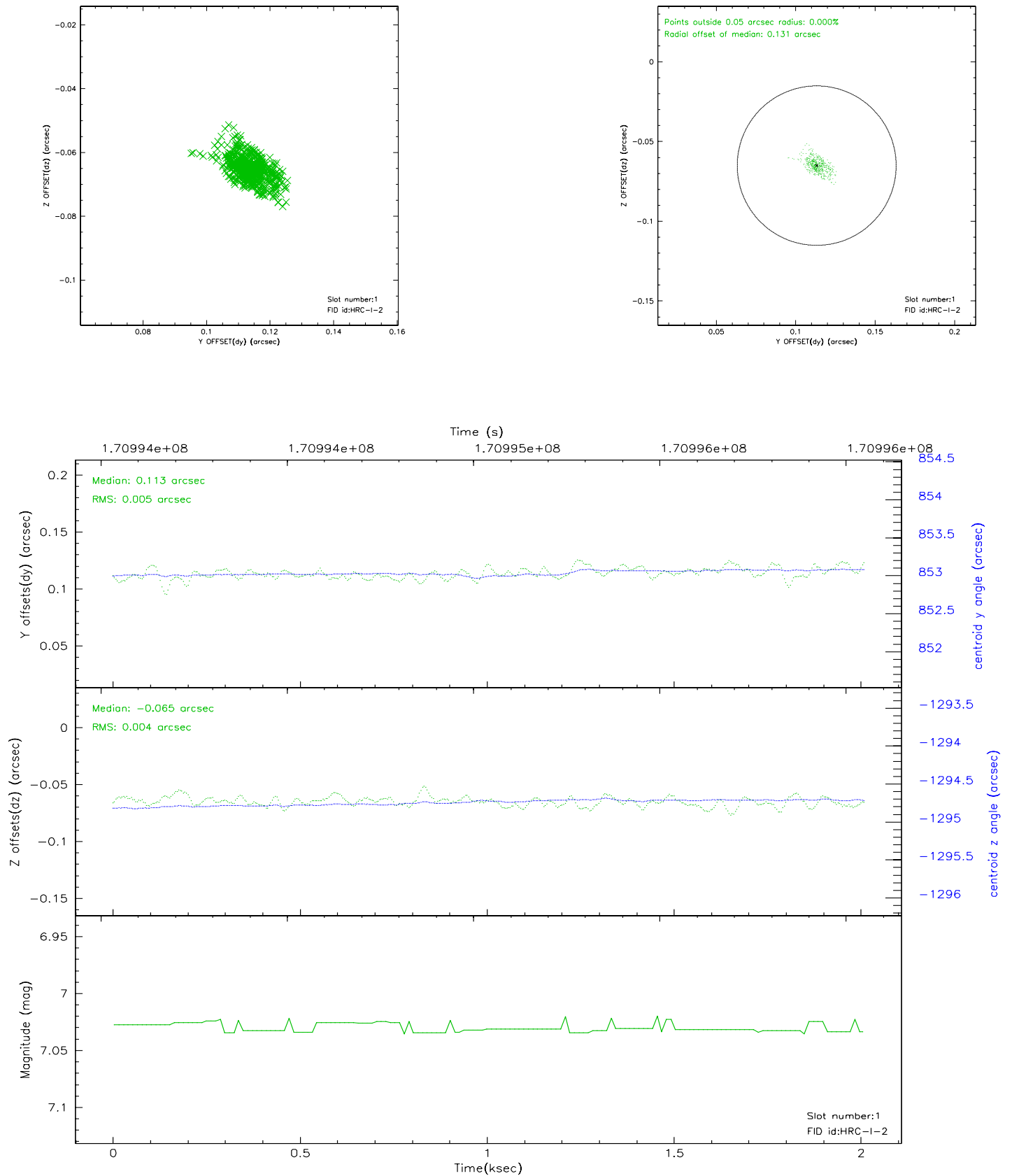


2.5 FID Slots

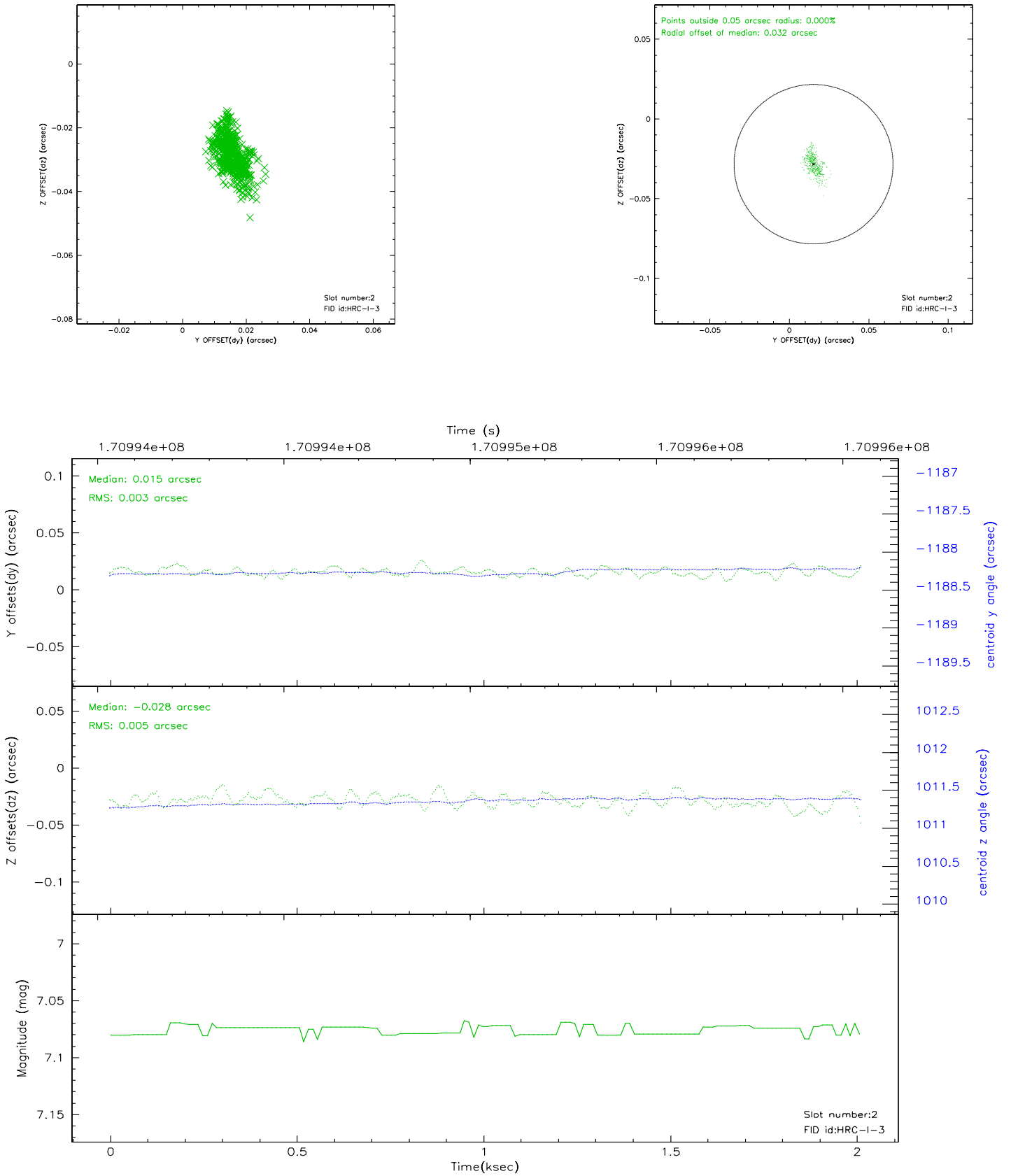
2.5.1 Slot 0



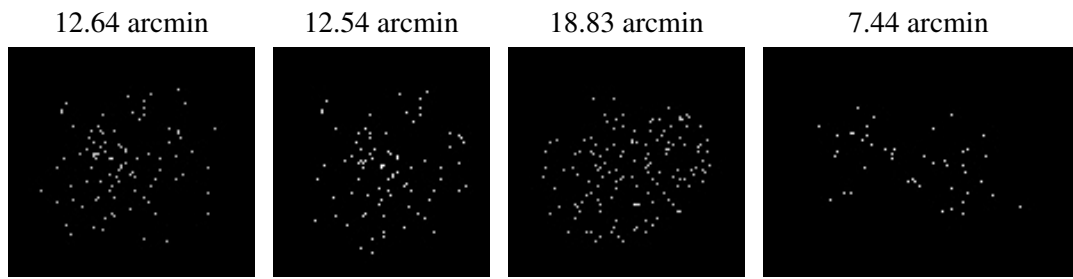
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.794

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.