

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1742 - L2 Version 001
Chandra X-Ray Center

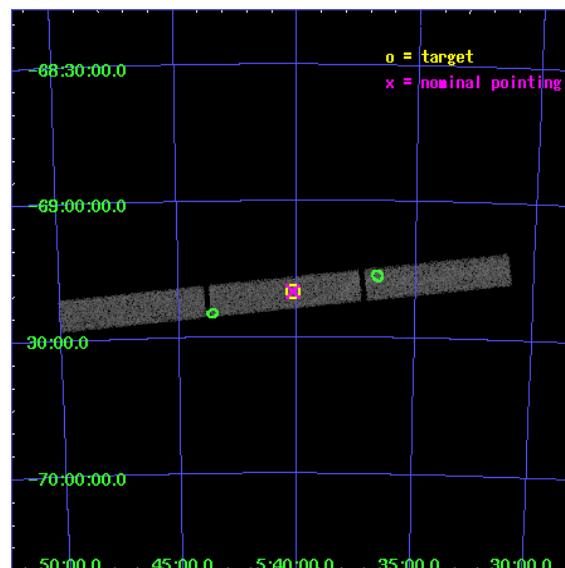
L2 Processing Date : May 27 2007

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1 Front

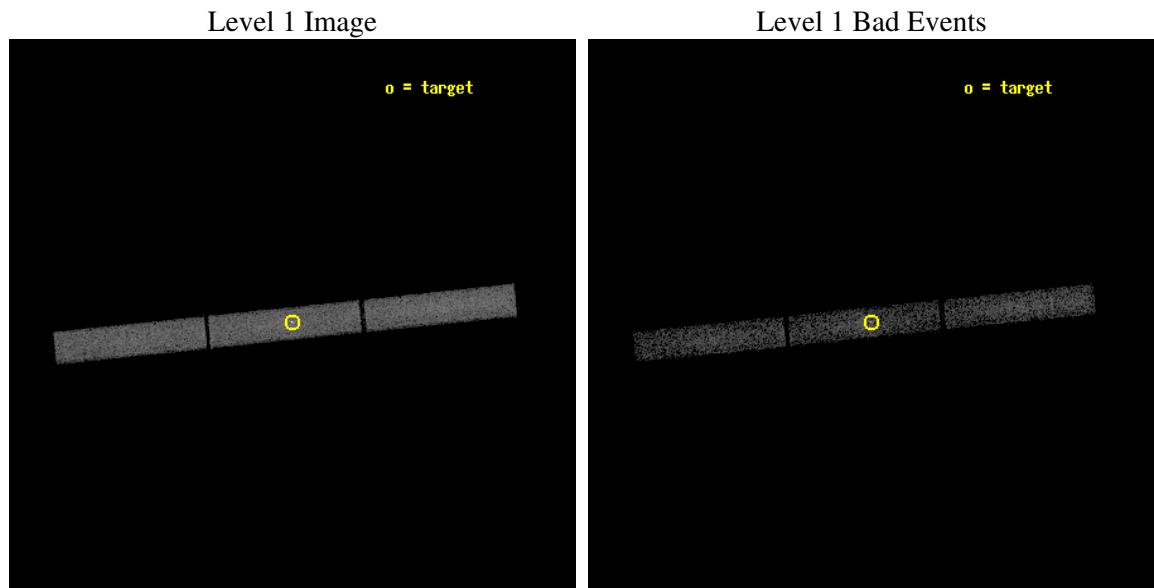
seq_num	590191
obs_id	1742
title	VERIFICATION OF AXAF TIMING CAPABILITY
observer	Dr. CXC Calibration
object	PSR B0540-69
ra_targ	85.04625
dec_targ	-69.332
ra_nom	85.042539415296
dec_nom	-69.332532737624
roll_nom	174.06312984077
revision	5
ontime	456.38126681745
livetime	453.19992800999
l2events	31655



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-27T06:54:02
revision	4

sched_exp_time	300.000000
ontime	456.38126681745
l1events	82155

2.1.3 Events

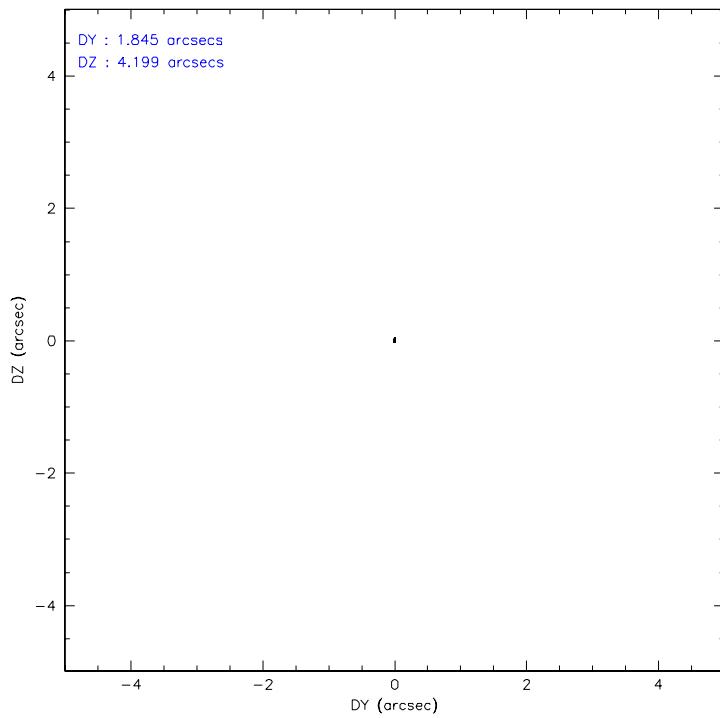
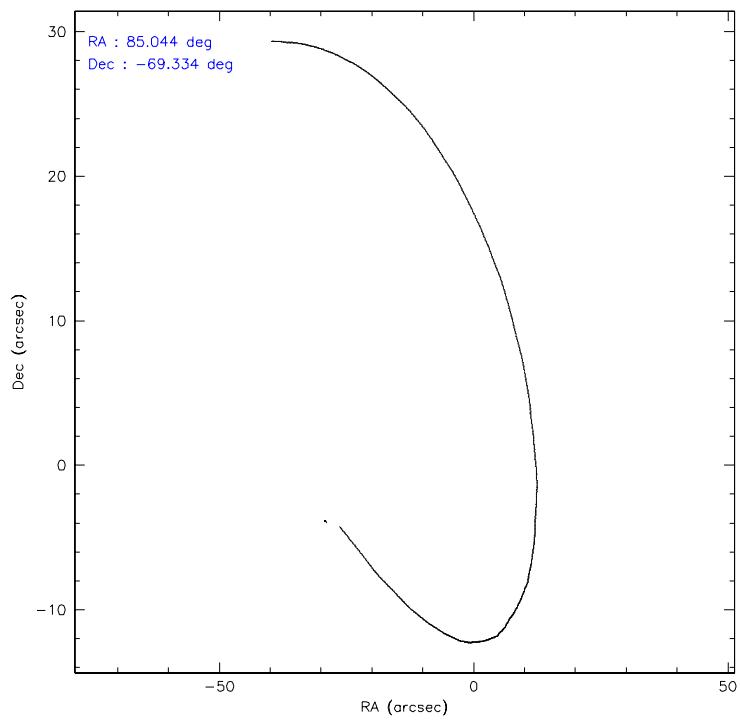
Level 1 Events

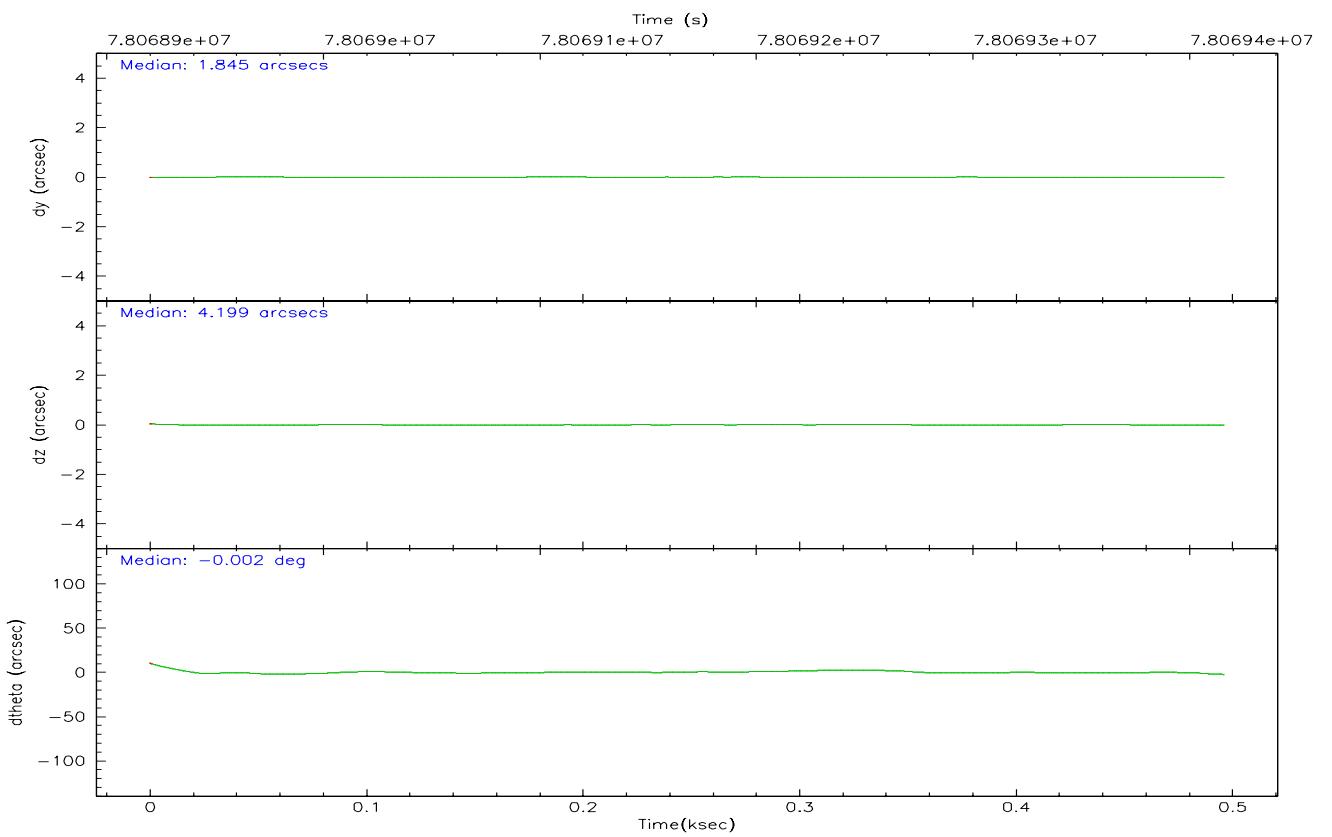
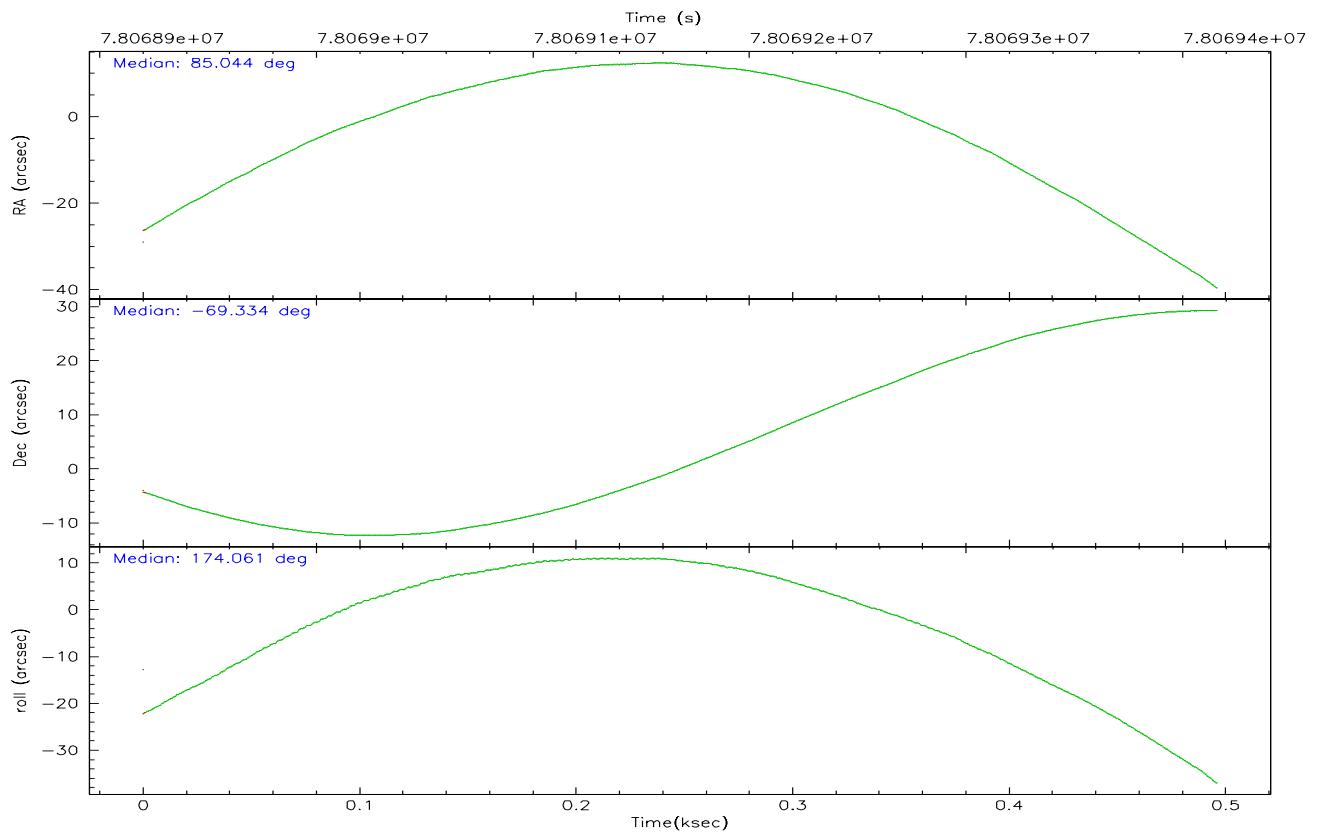
	segment 1	segment 2	segment 3
level 1 events	25781	27864	28510
rejected events	14879	15968	16903
rejected %	57%	57%	59%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	85.105319	85.04253941529586			
Pointing Dec	-69.318430	-69.33253273762386			
Pointing Roll	174.054558	174.0631298407739			
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	78069117.184000	78068741.225407			
Observation start date	2000-06-22T13:50:53	2000-06-22T13:45:41			
Observation end time	78069417.184000	78069550.975437			
Observation end date	2000-06-22T13:55:53	2000-06-22T13:59:10			

2.3 Aspect



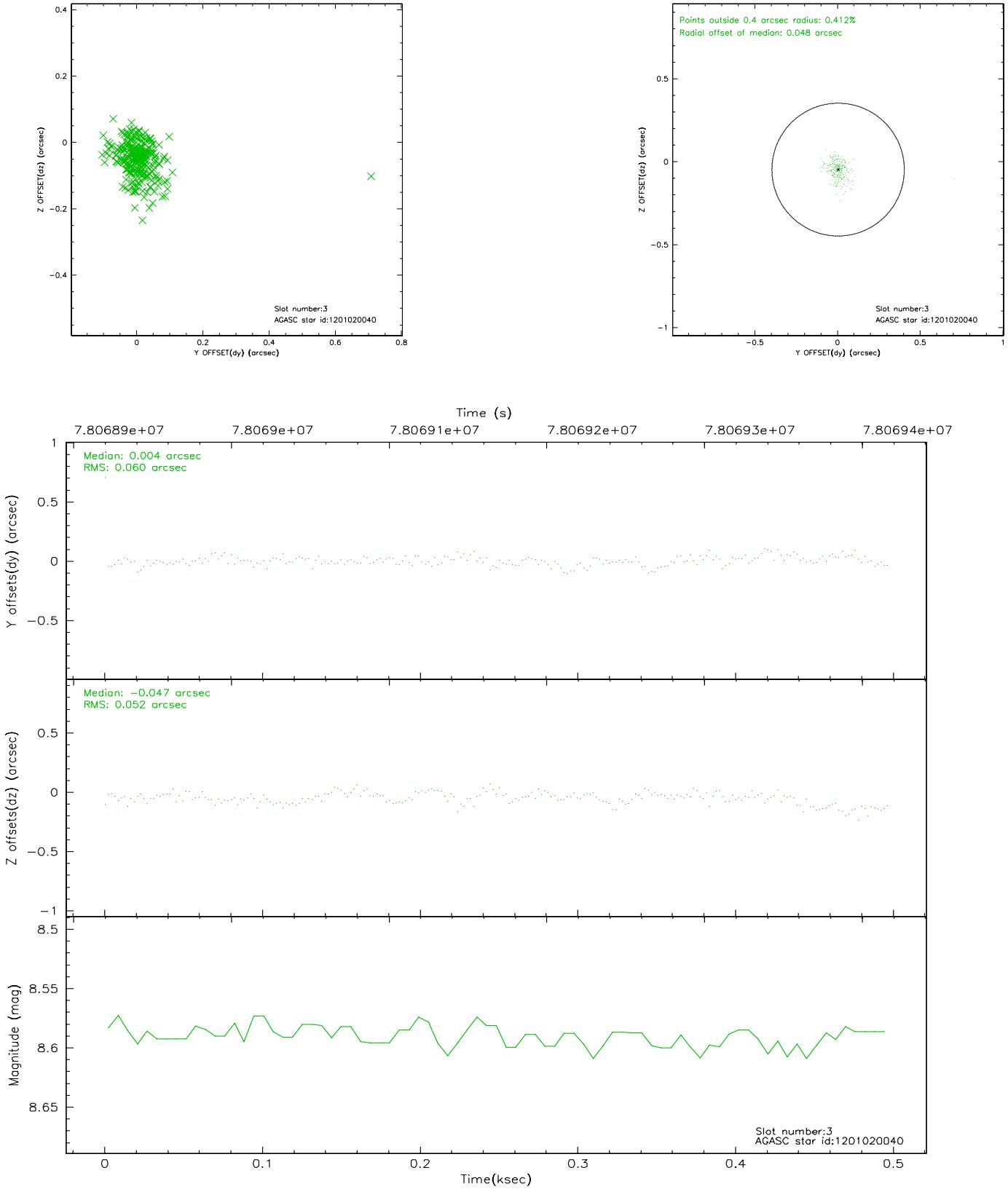


Slot Statistics

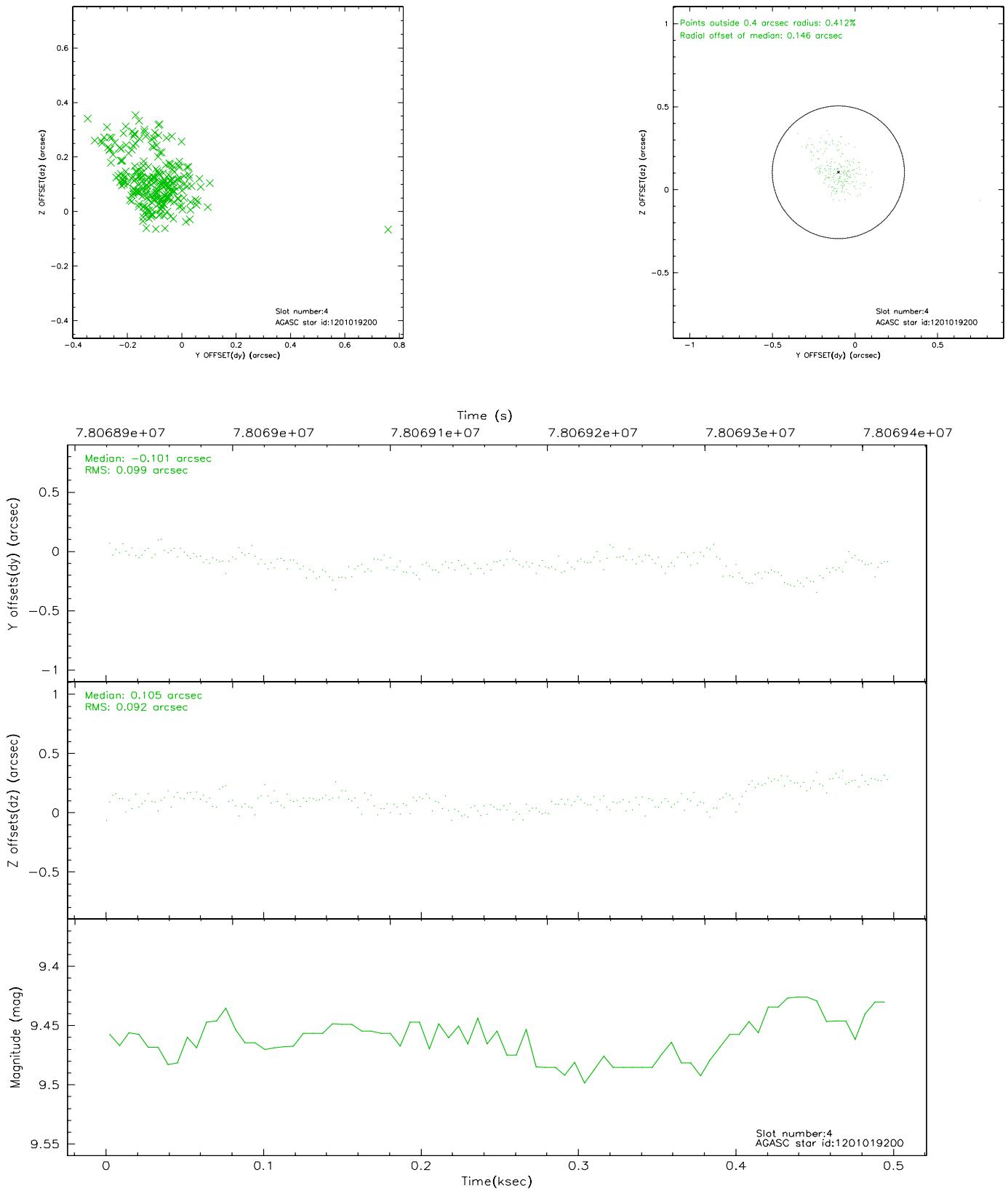
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	122	0.122	-0.110	0.007	0.013	0.000000	0.000000	-1155.88	-452.62
1	FID	HRC-S-3	6.98	122	0.146	-0.090	0.007	0.016	0.000000	0.000000	-1168.03	573.22
2	FID	HRC-S-4	6.92	122	0.119	-0.097	0.004	0.011	0.000000	0.000000	1232.82	584.12
3	GUIDE	1201020040	8.59	243	0.004	-0.047	0.066	0.113	85.379163	-68.879396	-175.35	-1611.46
4	GUIDE	1201019200	9.46	243	-0.101	0.105	0.127	0.216	84.213591	-68.777384	1370.24	-1818.34
5	GUIDE	1201406992	9.27	243	0.059	-0.070	0.076	0.121	83.682859	-69.471866	1746.41	745.35
6	GUIDE	1200885760	9.48	243	-0.078	0.070	0.100	0.175	83.723637	-68.777667	2011.79	-1729.76
7	GUIDE	1201020088	10.59	242	0.119	-0.026	0.147	0.249	86.319248	-68.997756	-1417.00	-1305.78

2.4 Star Slots

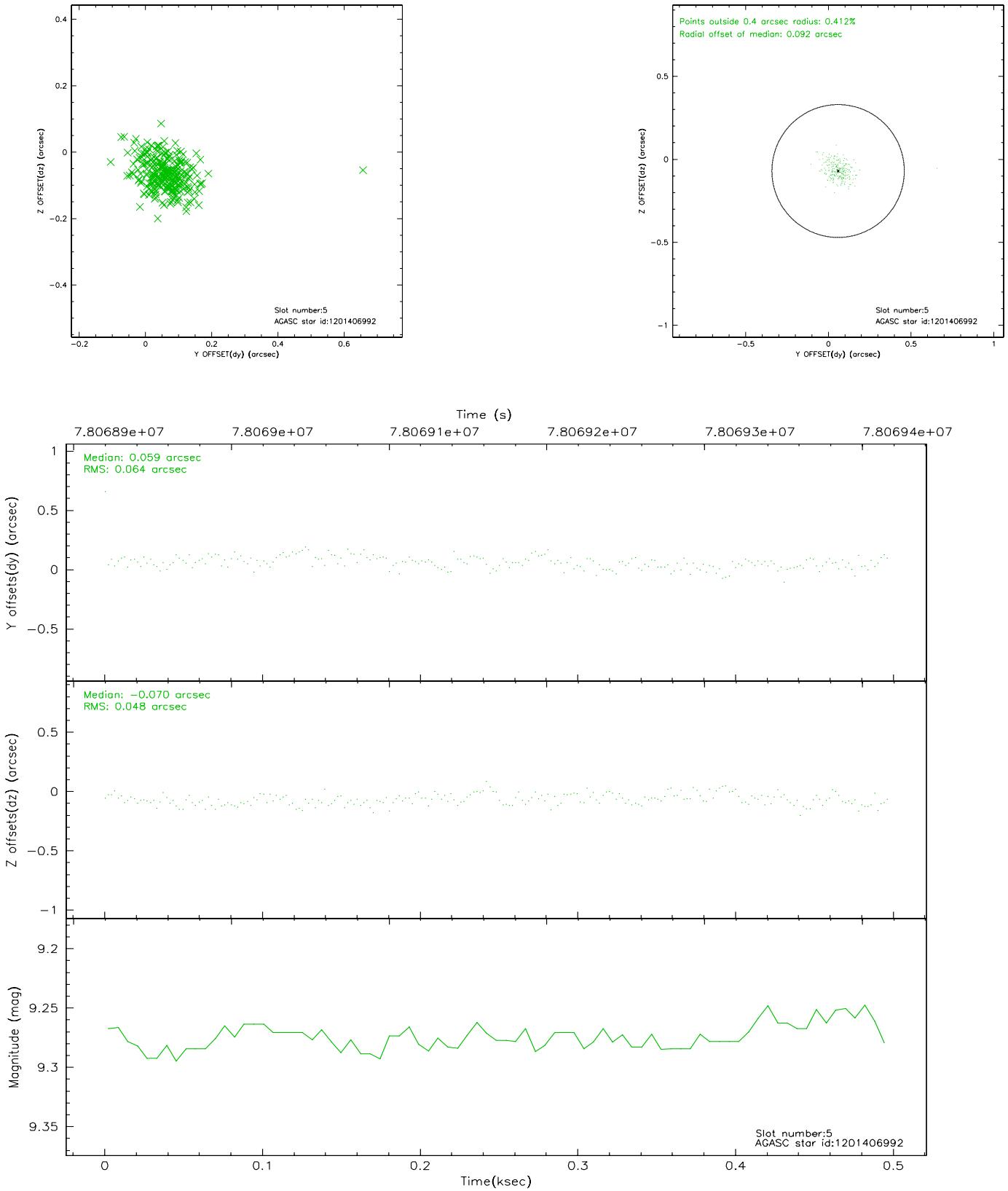
2.4.1 Slot 3



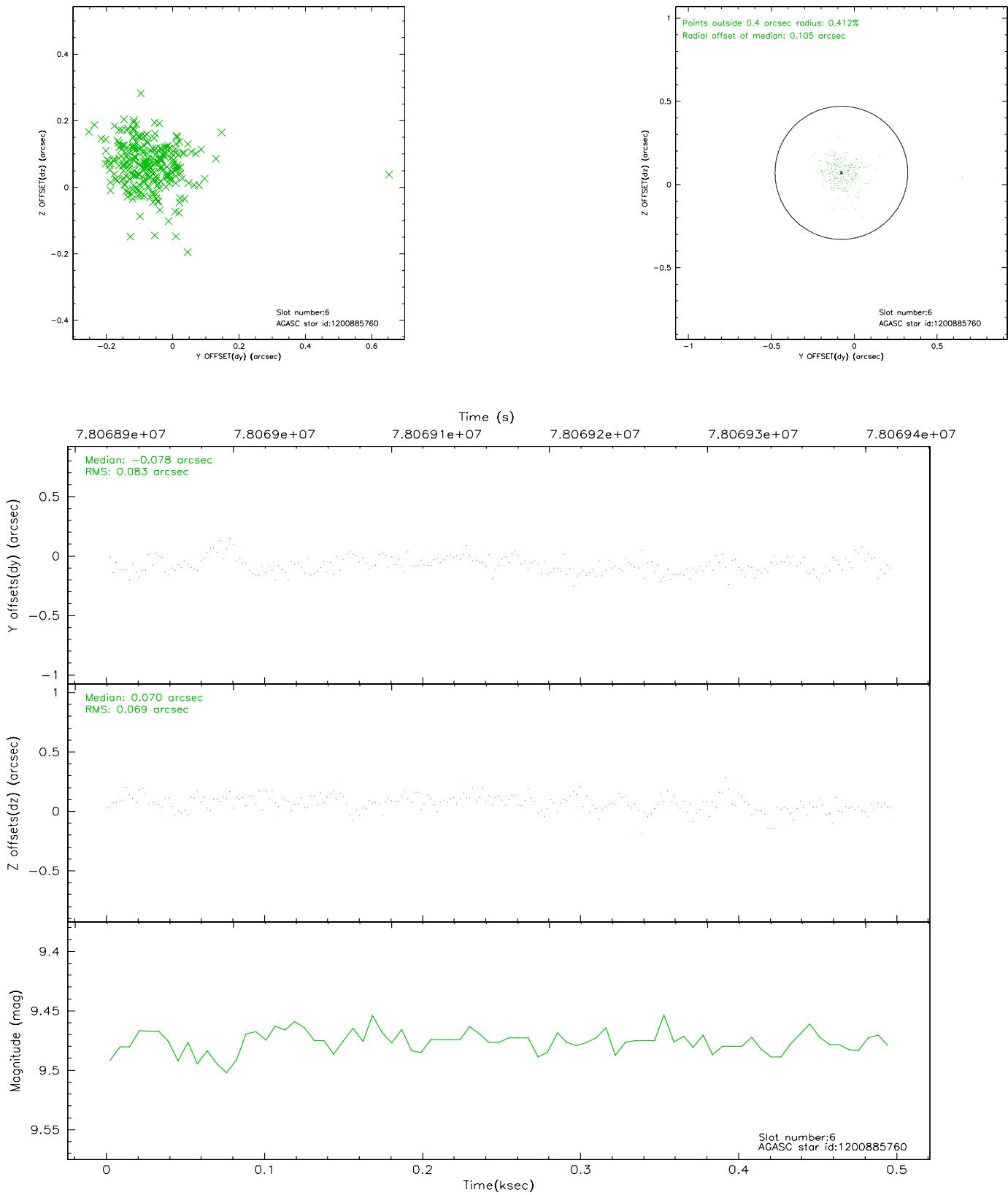
2.4.2 Slot 4



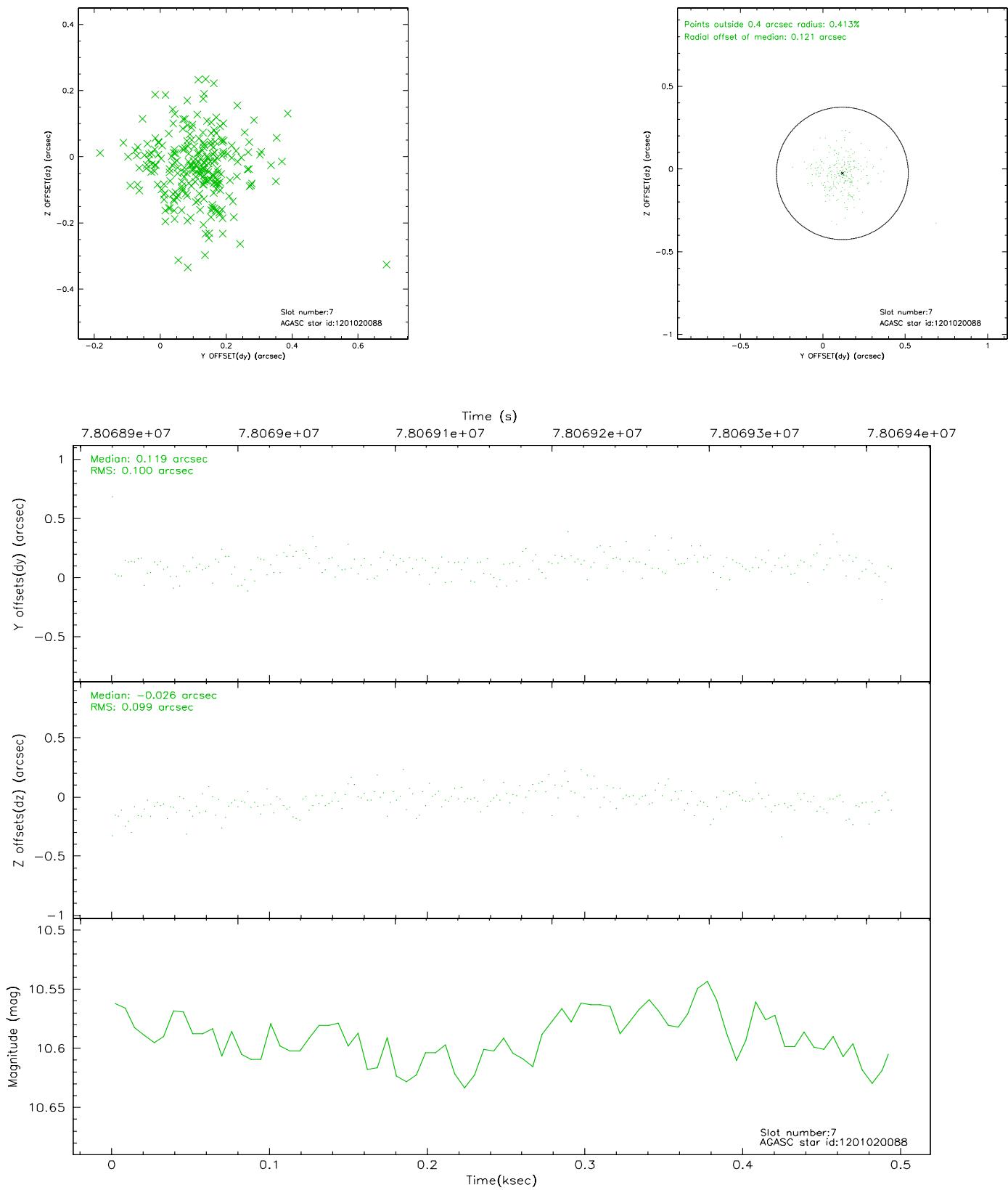
2.4.3 Slot 5



2.4.4 Slot 6

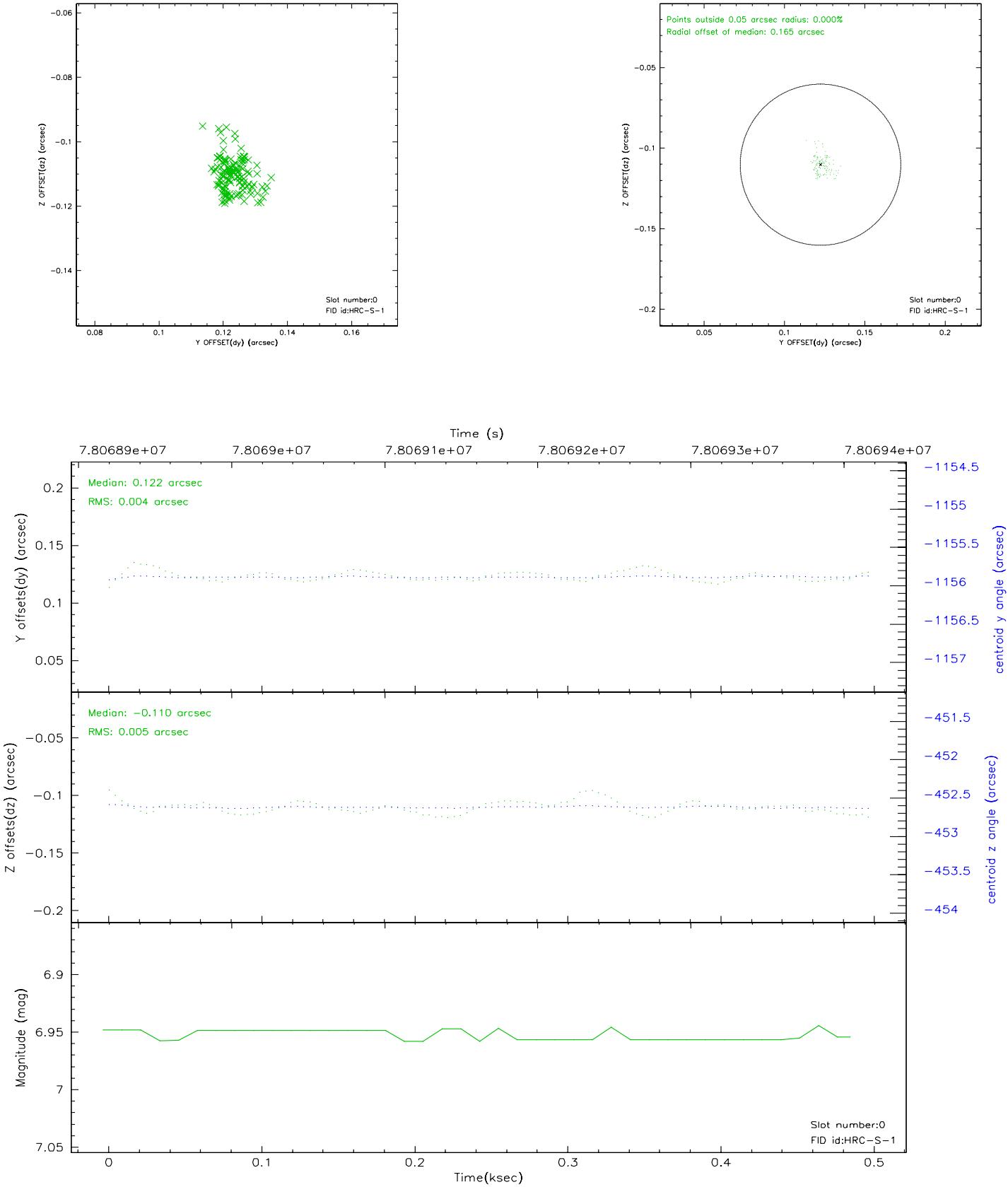


2.4.5 Slot 7

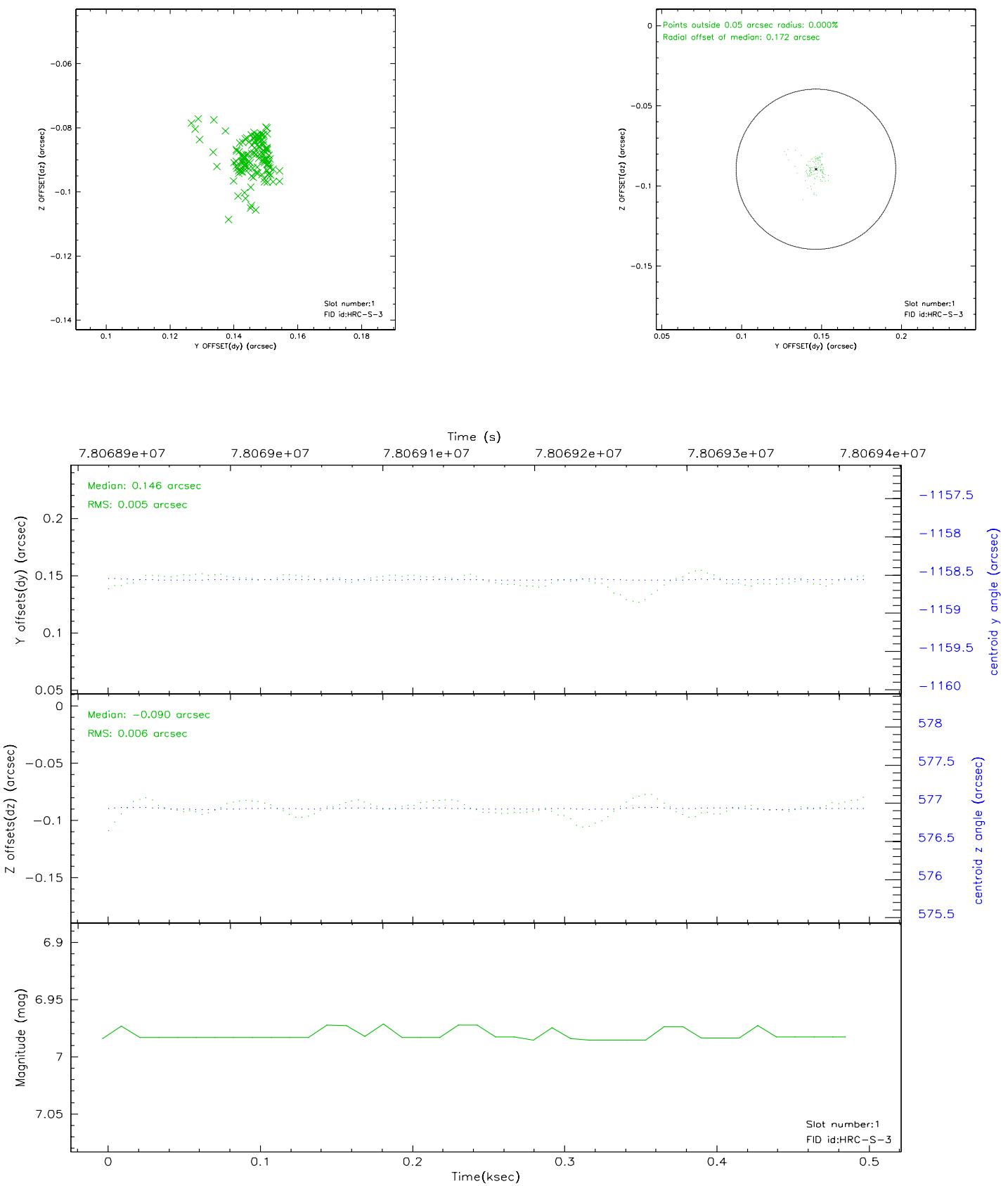


2.5 FID Slots

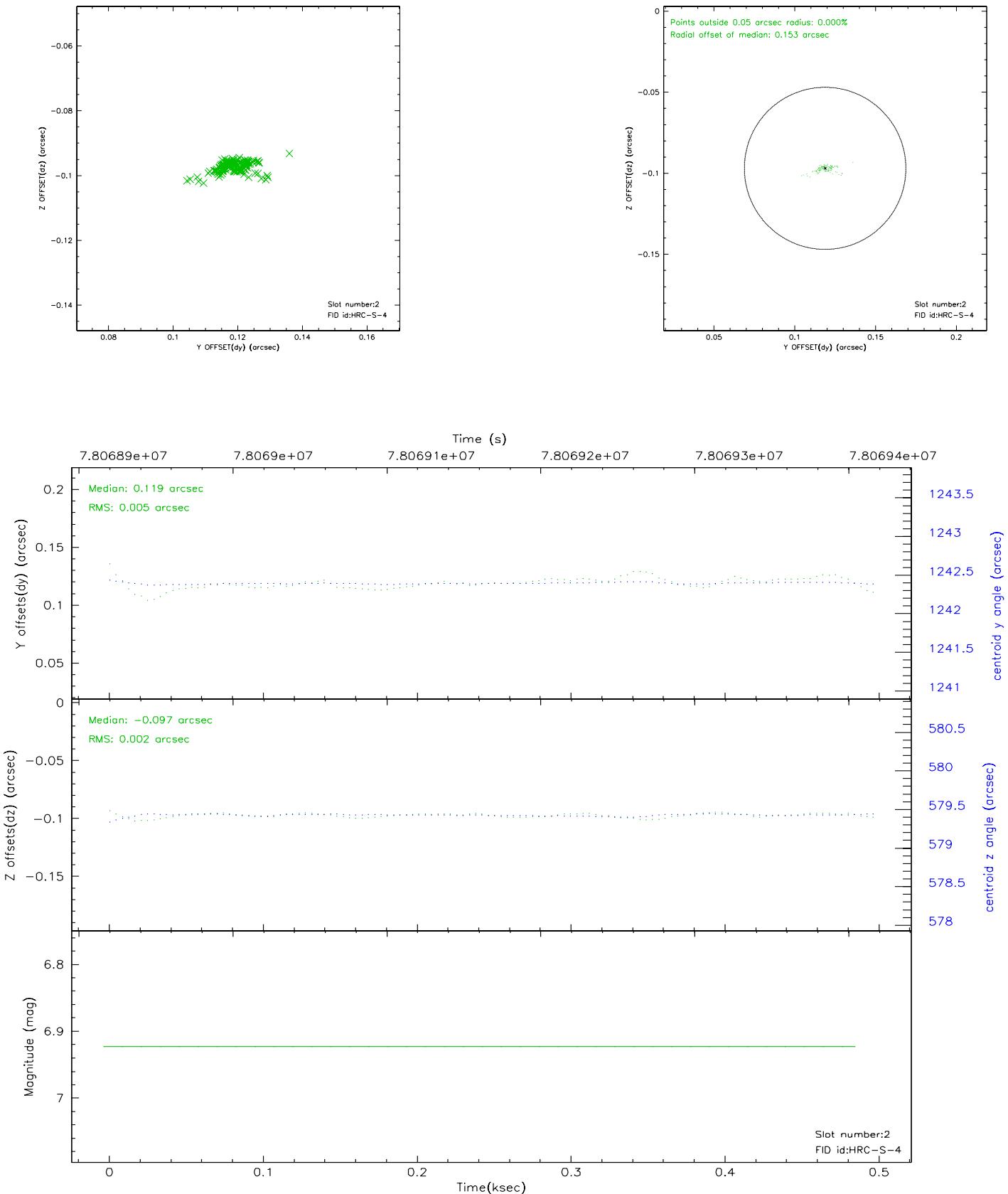
2.5.1 Slot 0



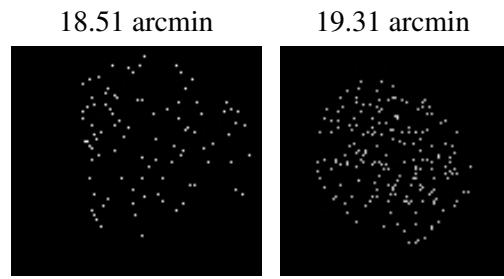
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.489

A.2 Comments