

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1739 - L2 Version 001
Chandra X-Ray Center

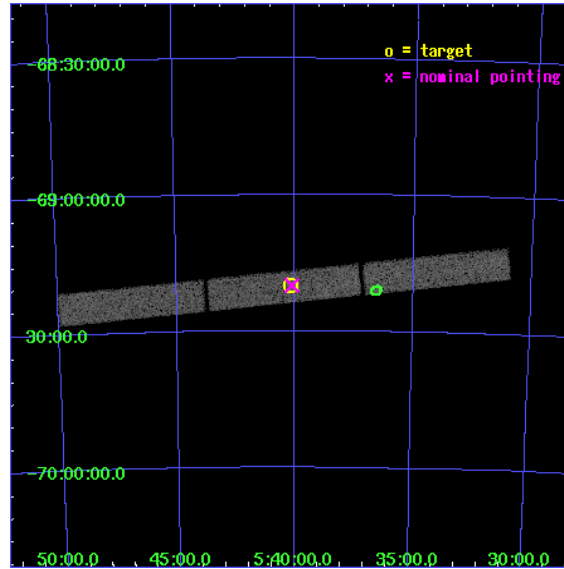
L2 Processing Date : May 27 2007

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1 Front

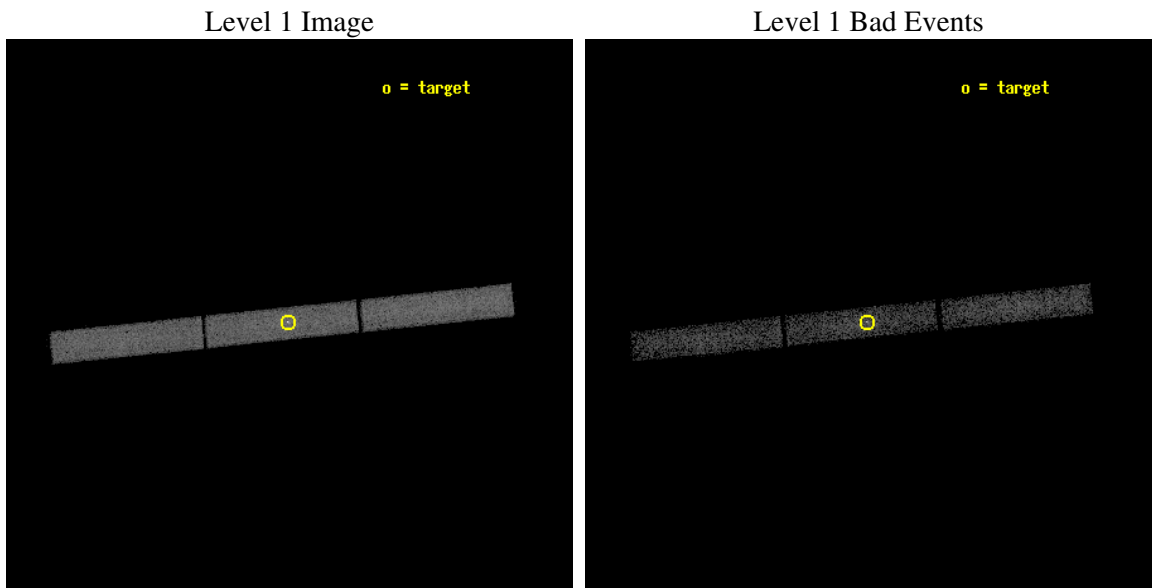
seq_num	590188
obs_id	1739
title	VERIFICATION OF AXAF TIMING CAPABILITY
observer	Dr. CXC Calibration
object	PSR B0540-69
ra_targ	85.04625
dec_targ	-69.332
ra_nom	85.0288973219
dec_nom	-69.332729457255
roll_nom	174.05943084521
revision	5
ontime	452.2812666744
livetime	448.85449575551
l2events	34924



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	452.2812666744
l1events	76313

2.1.3 Events

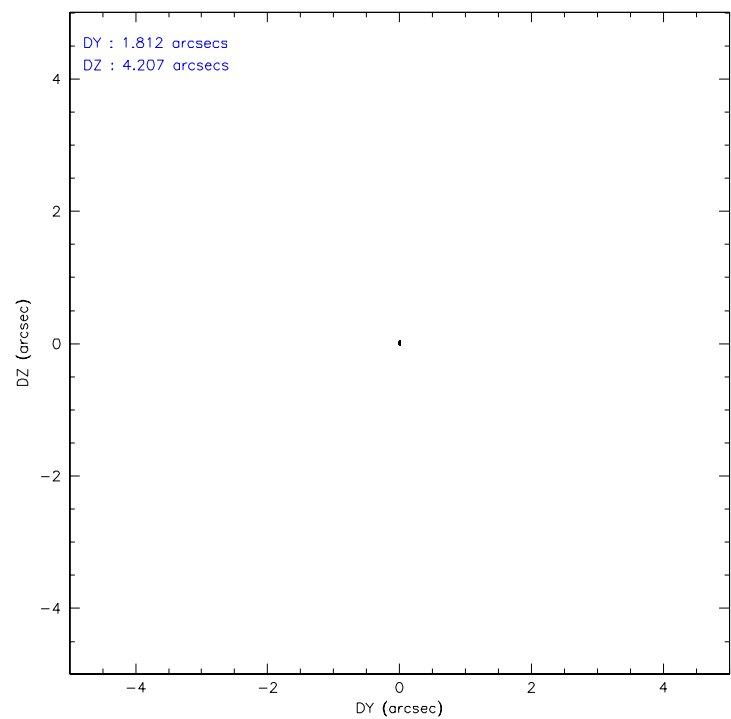
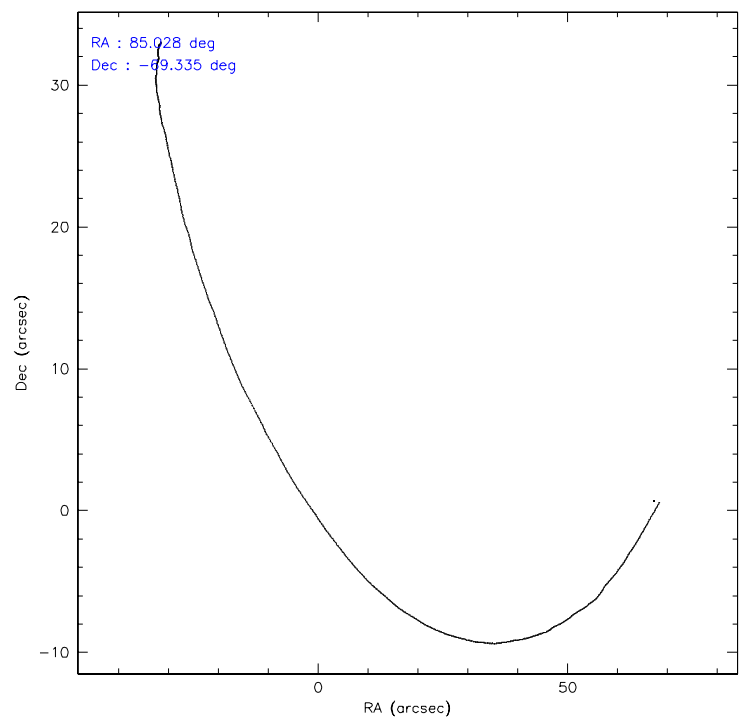
Level 1 Events

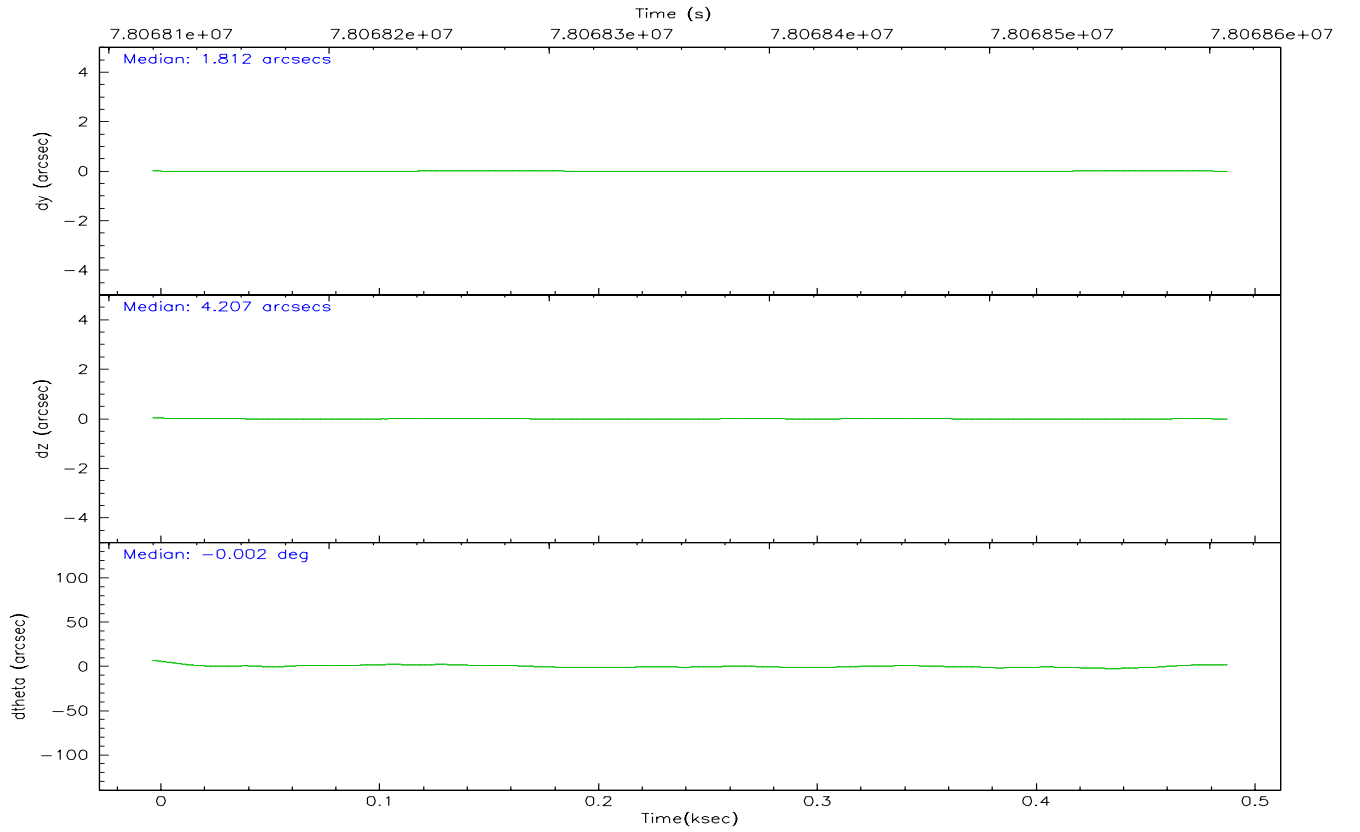
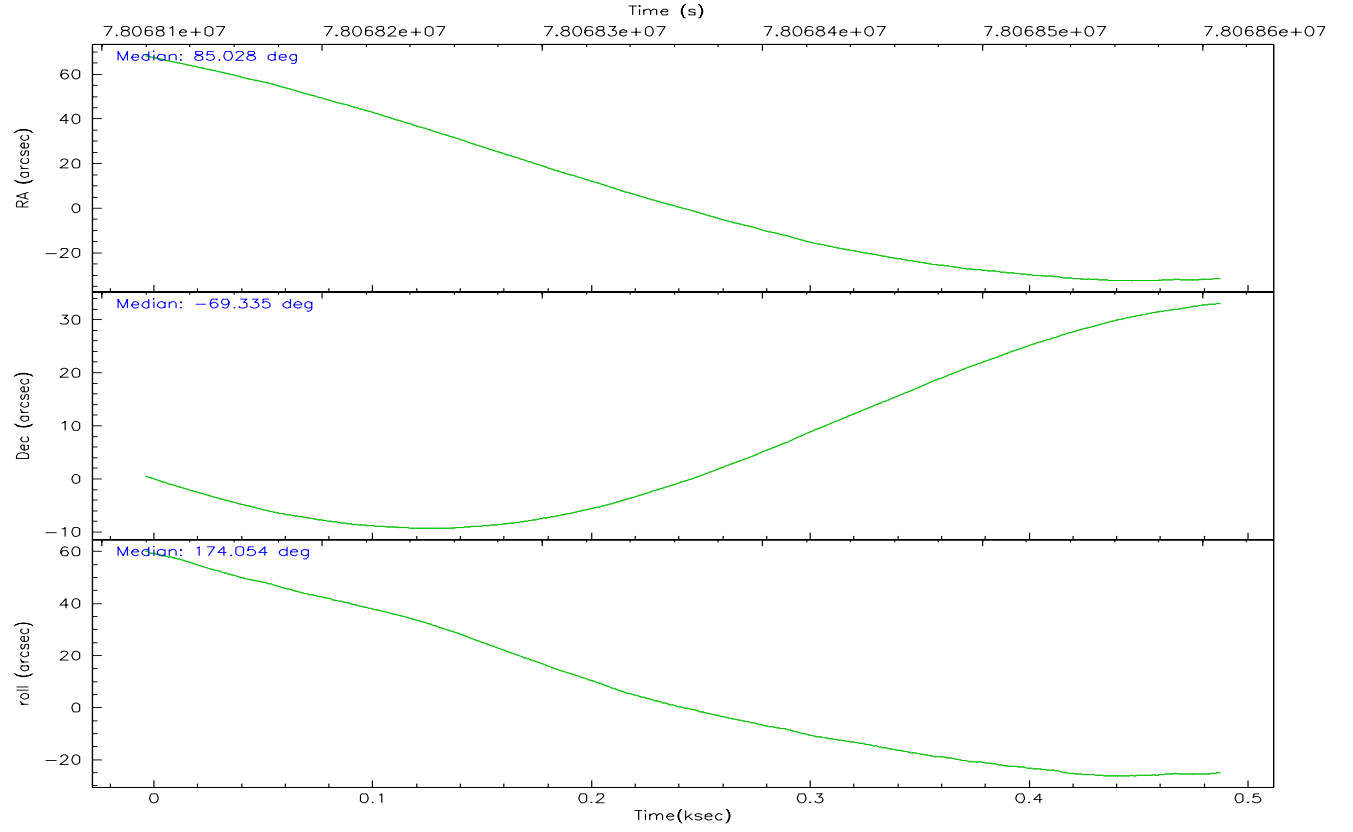
	segment 1	segment 2	segment 3
level 1 events	21890	30680	23743
rejected events	9548	17711	10977
rejected %	43%	57%	46%

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	85.105313	85.02889732189971			
Pointing Dec	-69.318422	-69.33272945725545			
Pointing Roll	174.063673	174.0594308452126			
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	78068307.184000	78067930.96287701			
Observation start date	2000-06-22T13:37:23	2000-06-22T13:32:10			
Observation end time	78068607.184000	78068741.225407			
Observation end date	2000-06-22T13:42:23	2000-06-22T13:45:41			

2.3 Aspect



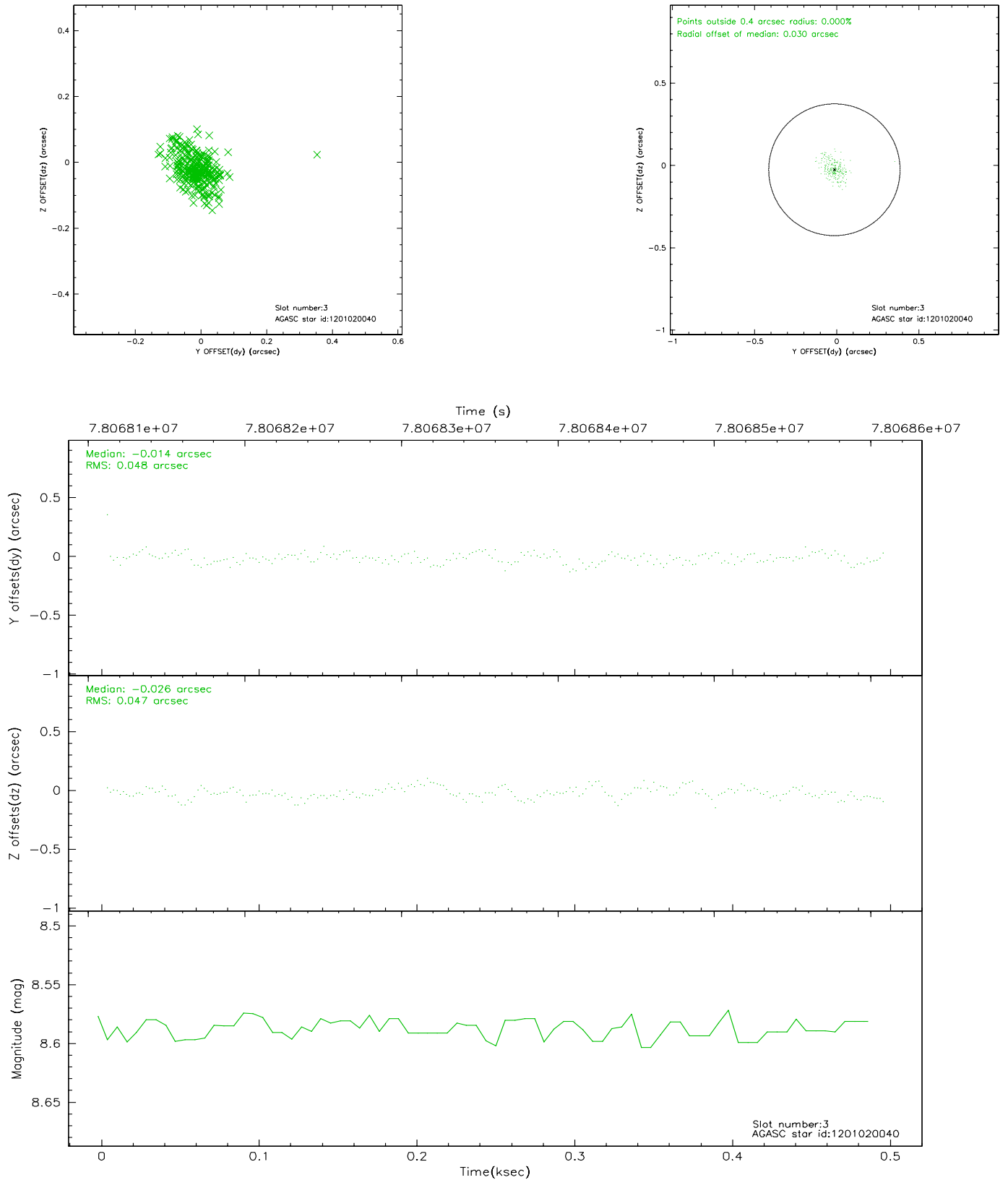


Slot Statistics

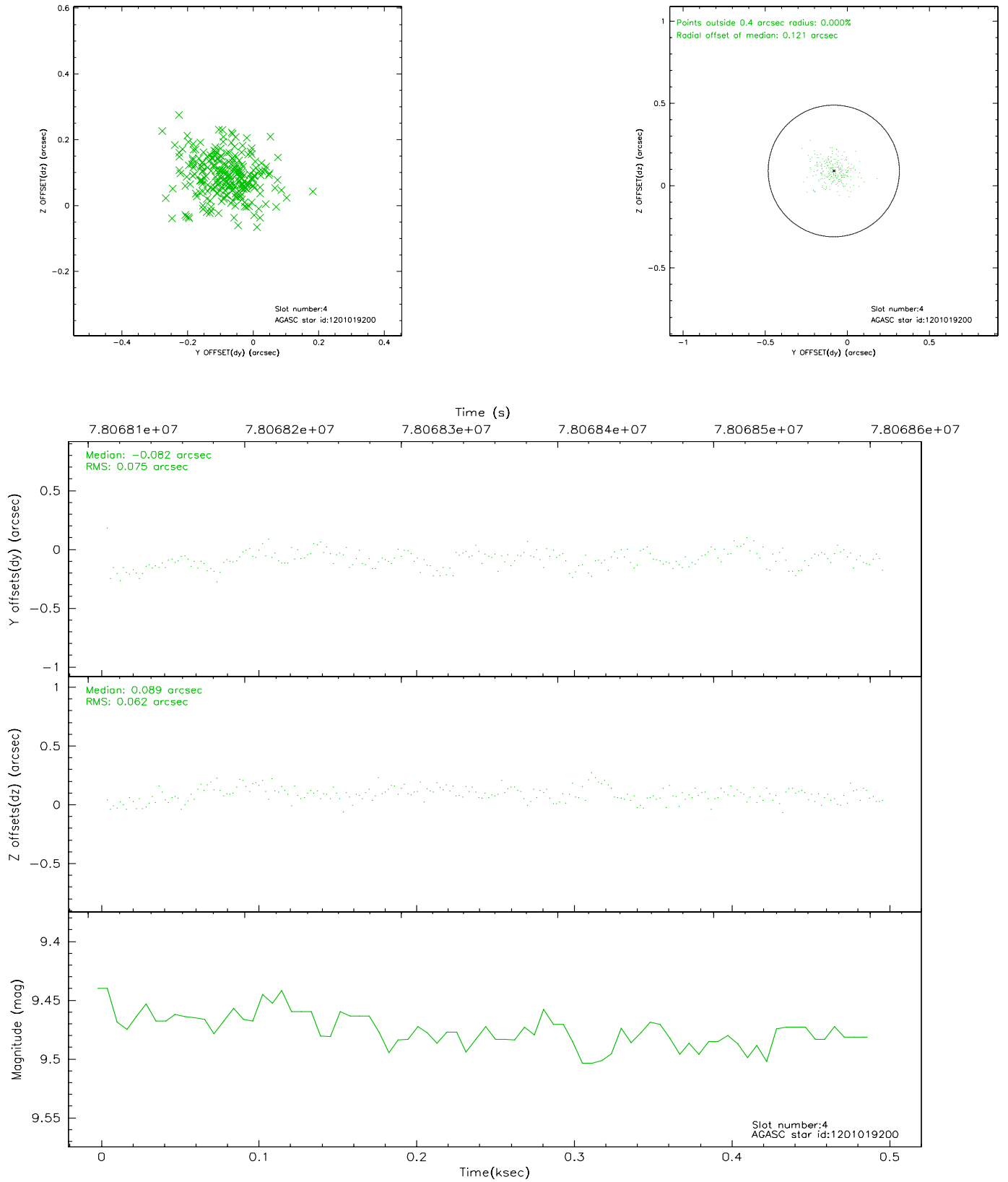
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	120	0.124	-0.111	0.009	0.012	0.000000	0.000000	-1155.85	-452.63
1	FID	HRC-S-3	6.98	120	0.145	-0.088	0.008	0.015	0.000000	0.000000	-1168.16	573.16
2	FID	HRC-S-4	6.93	120	0.118	-0.098	0.005	0.013	0.000000	0.000000	1232.69	584.19
3	GUIDE	1201020040	8.59	241	-0.014	-0.026	0.065	0.114	85.379163	-68.879396	-192.77	-1613.91
4	GUIDE	1201019200	9.47	241	-0.082	0.089	0.103	0.172	84.213591	-68.777384	1352.76	-1821.13
5	GUIDE	1201406992	9.27	241	0.079	-0.063	0.094	0.148	83.682859	-69.471866	1729.36	742.52
6	GUIDE	1200885760	9.48	241	-0.088	0.084	0.104	0.193	83.723637	-68.777667	1994.35	-1732.52
7	GUIDE	1201020088	10.59	240	0.075	-0.054	0.164	0.305	86.319248	-68.997756	-1434.39	-1308.18

2.4 Star Slots

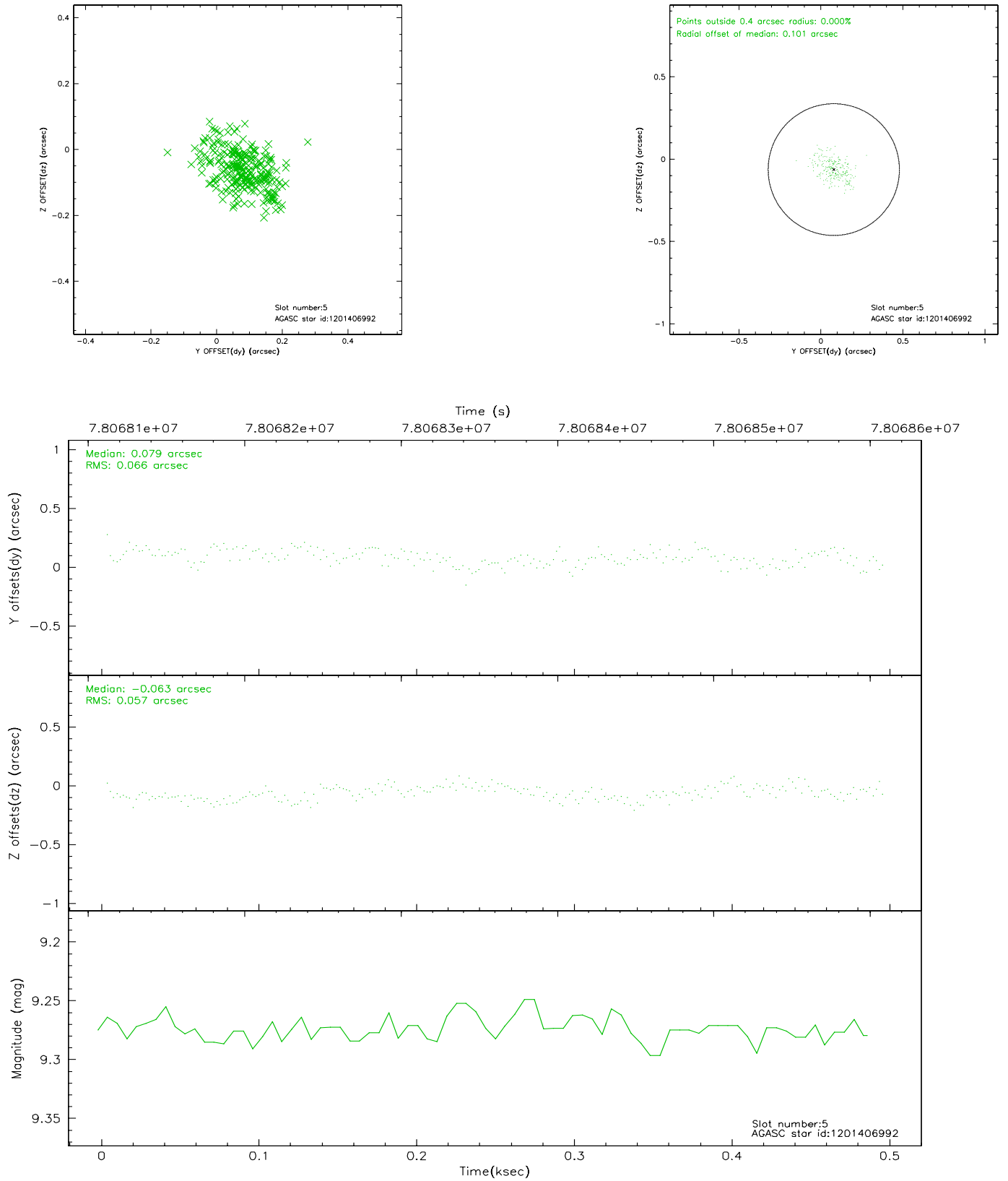
2.4.1 Slot 3



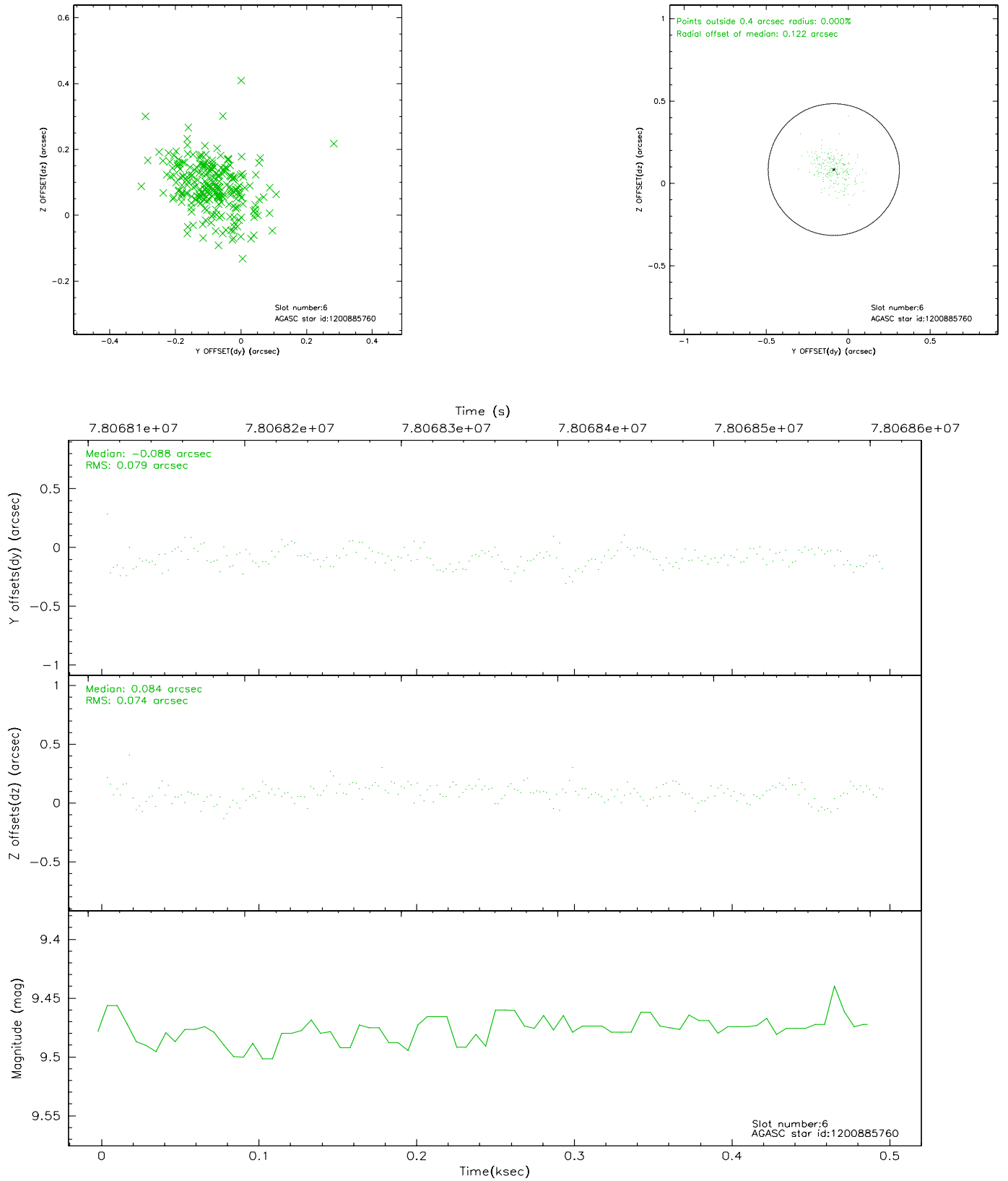
2.4.2 Slot 4



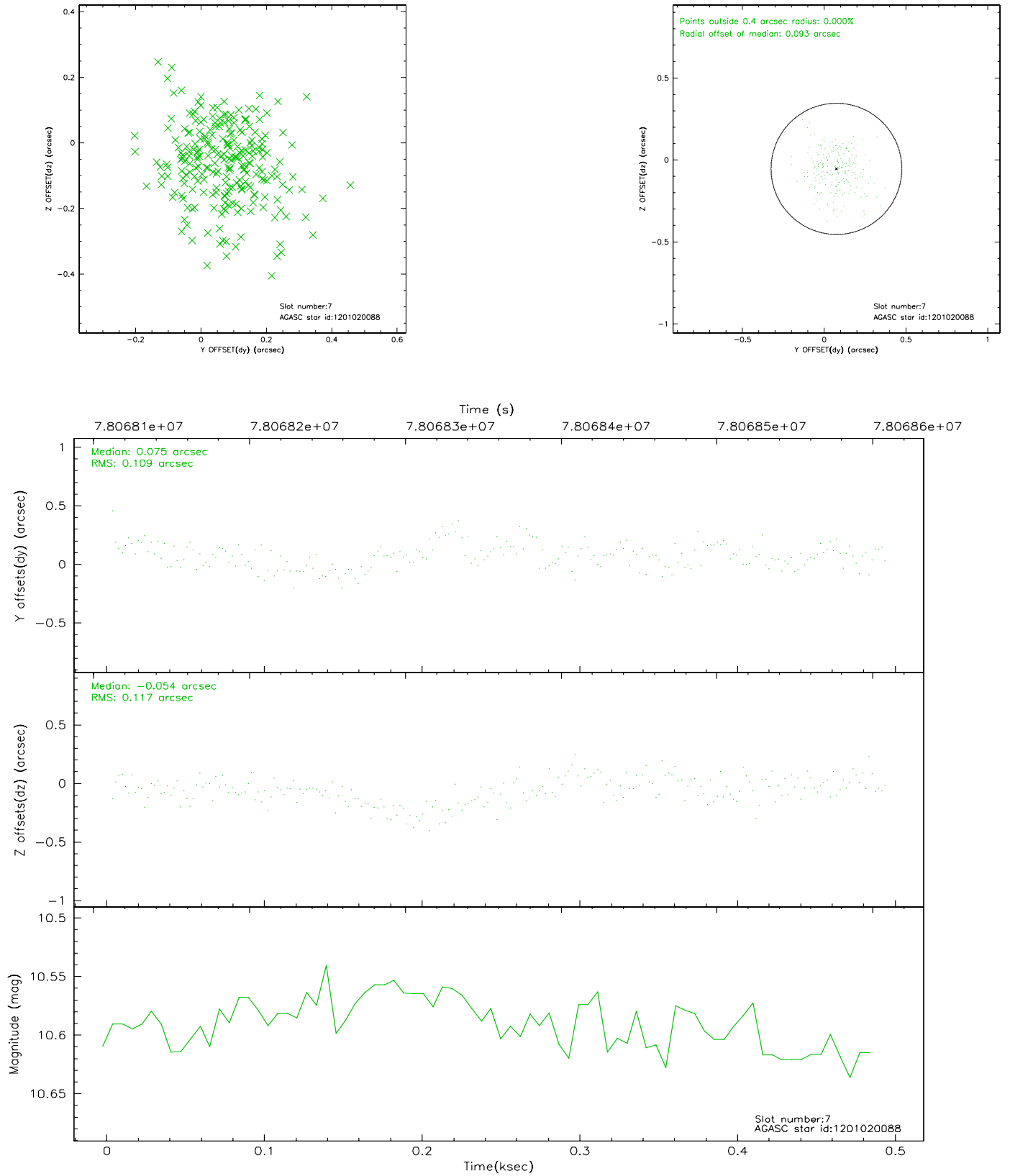
2.4.3 Slot 5



2.4.4 Slot 6

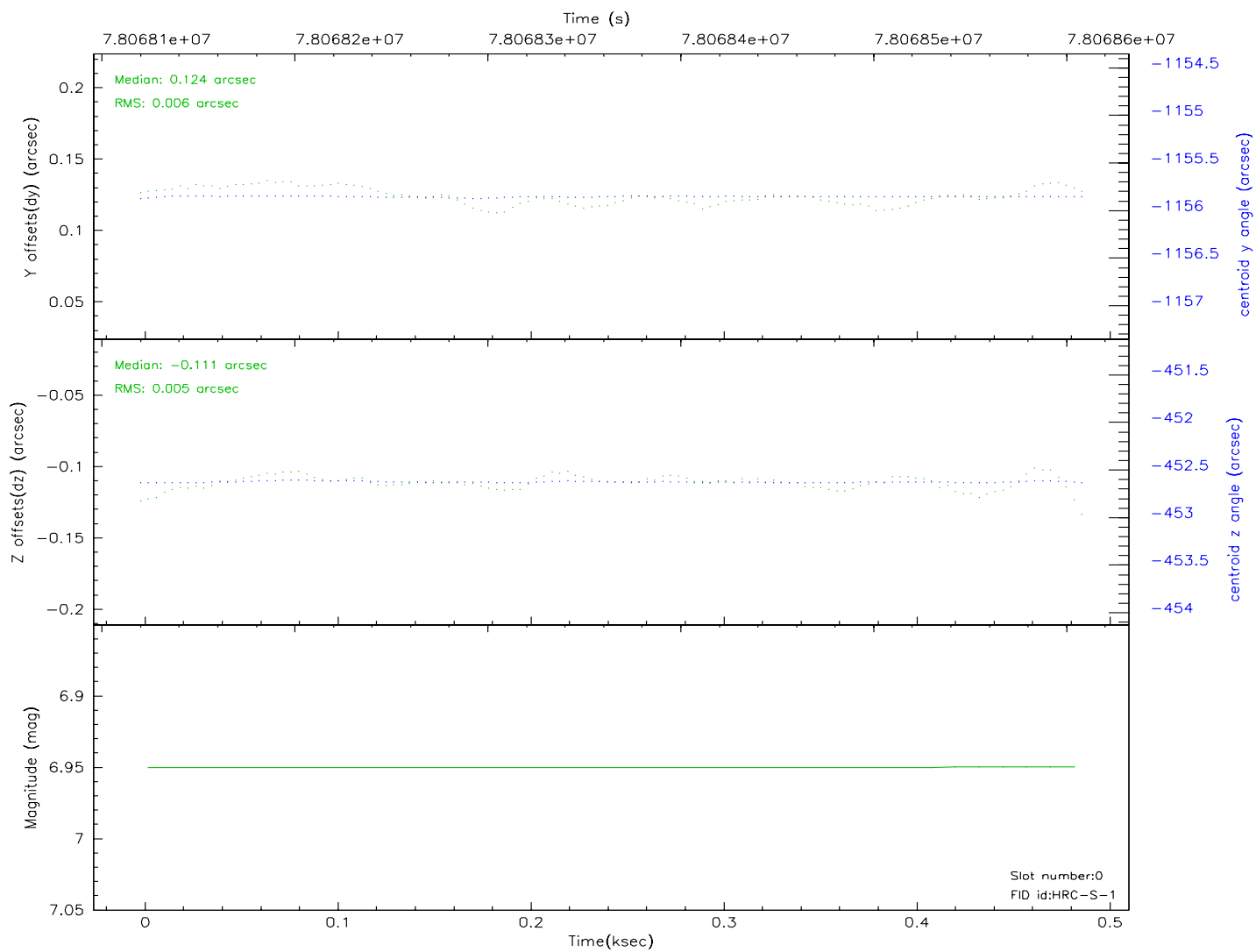
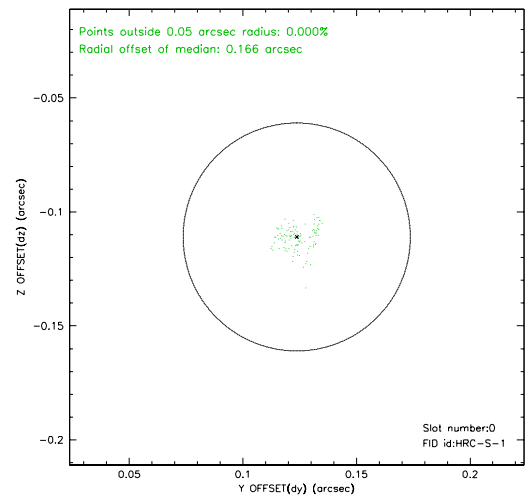
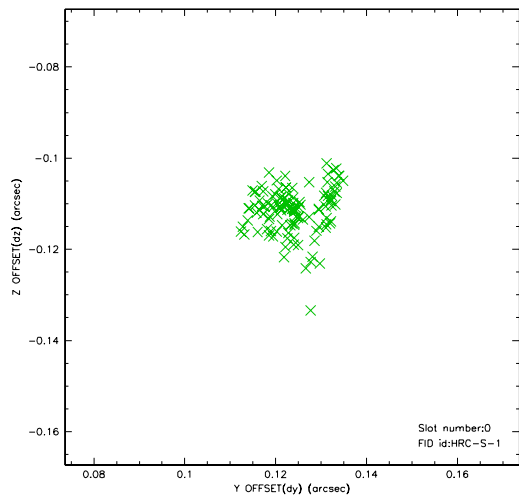


2.4.5 Slot 7

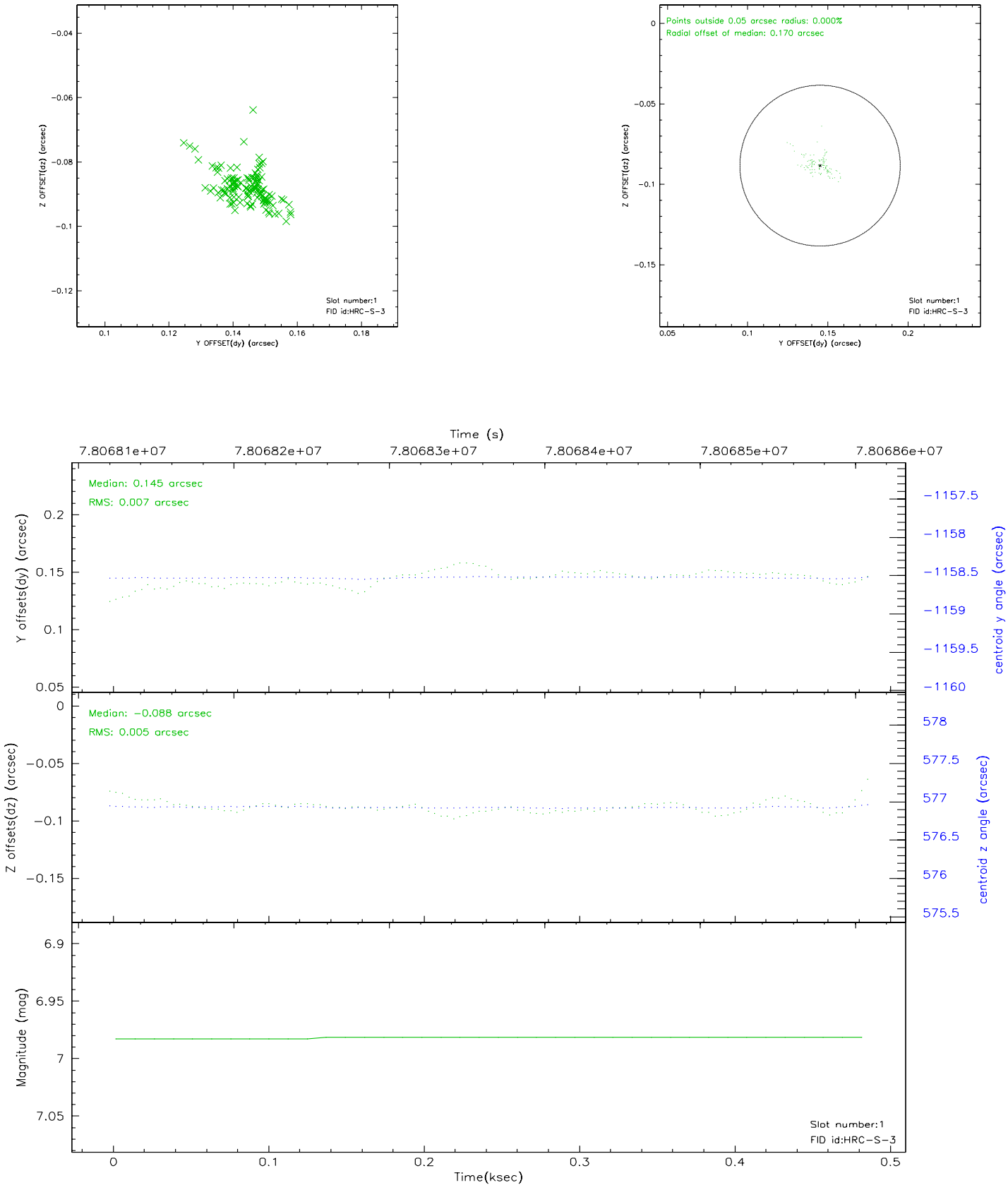


2.5 FID Slots

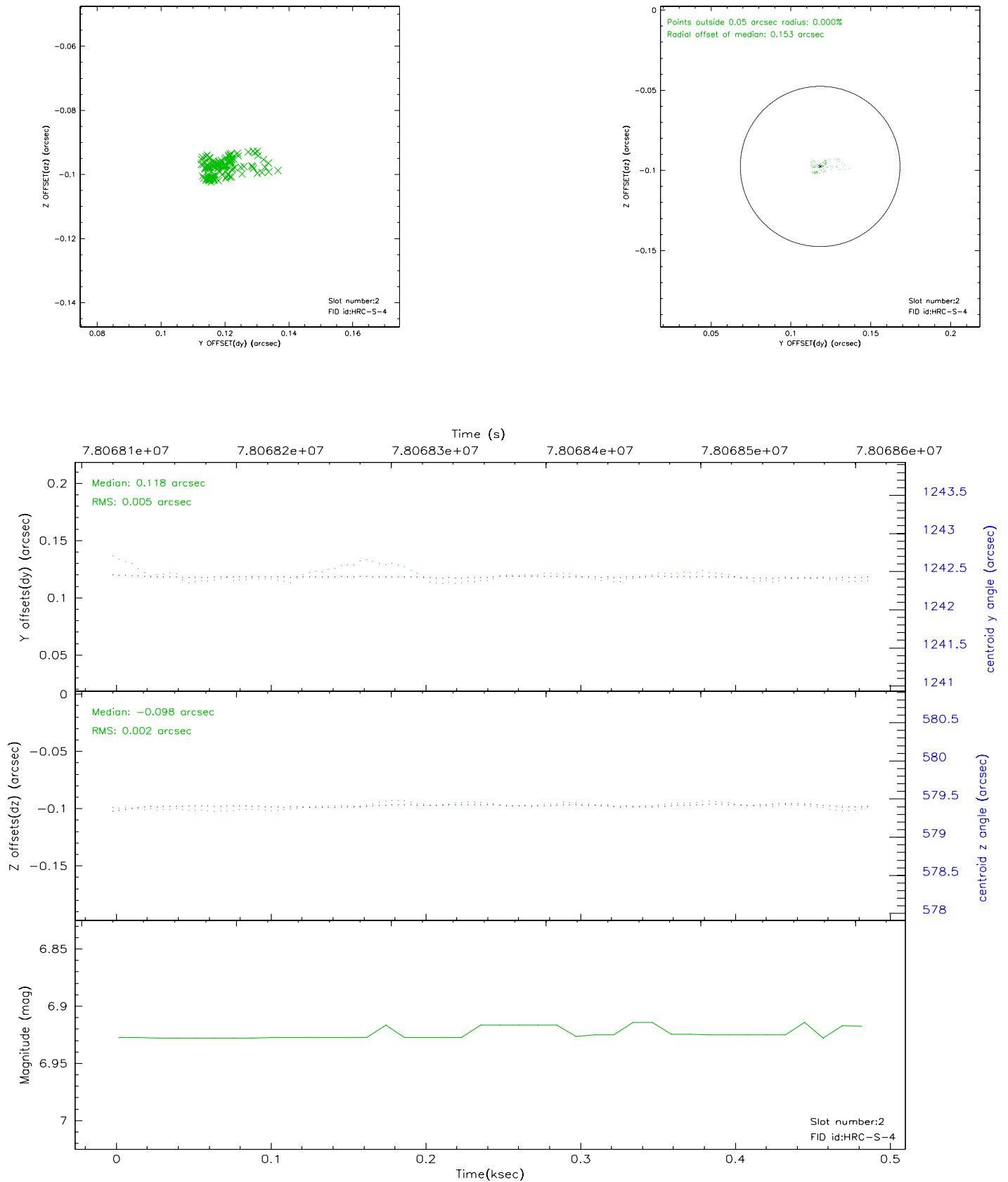
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.99 arcmin



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	0.485

A.2 Comments