

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 993 - L2 Version 001
Chandra X-Ray Center

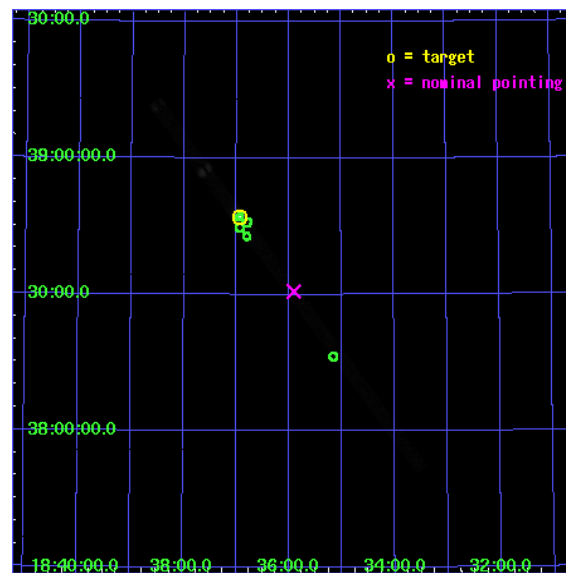
L2 Processing Date : Dec 21 2006

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1 Front

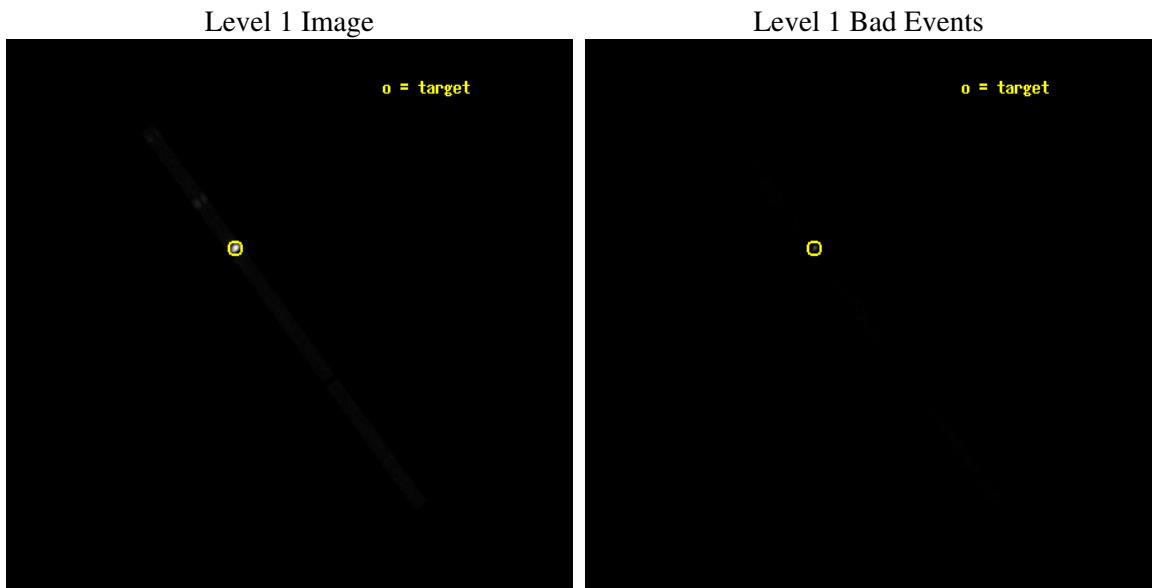
seq_num	290074
obs_id	993
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC
observer	Dr. CXC Calibration
object	VEGA, HRC-S, AO2
ra_targ	279.234792
dec_targ	38.783778
ra_nom	278.97575583196
dec_nom	38.512205601026
roll_nom	233.55475058734
revision	2
ontime	2692.6751061678
livetime	956.02750038871
l2events	423195



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-21T15:53:01
revision	2

sched_exp_time	2500.000000
ontime	2692.9313561767
l1events	538332

2.1.3 Events

Level 1 Events

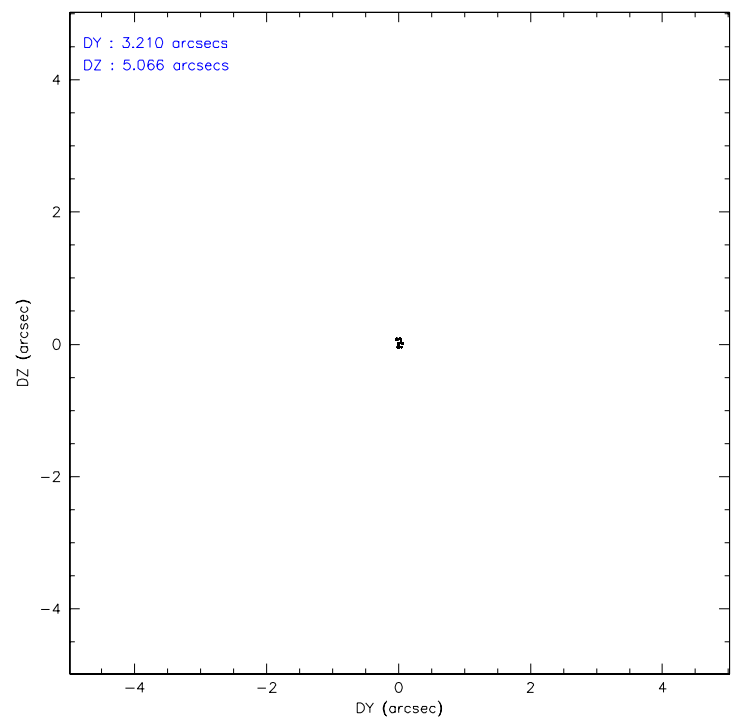
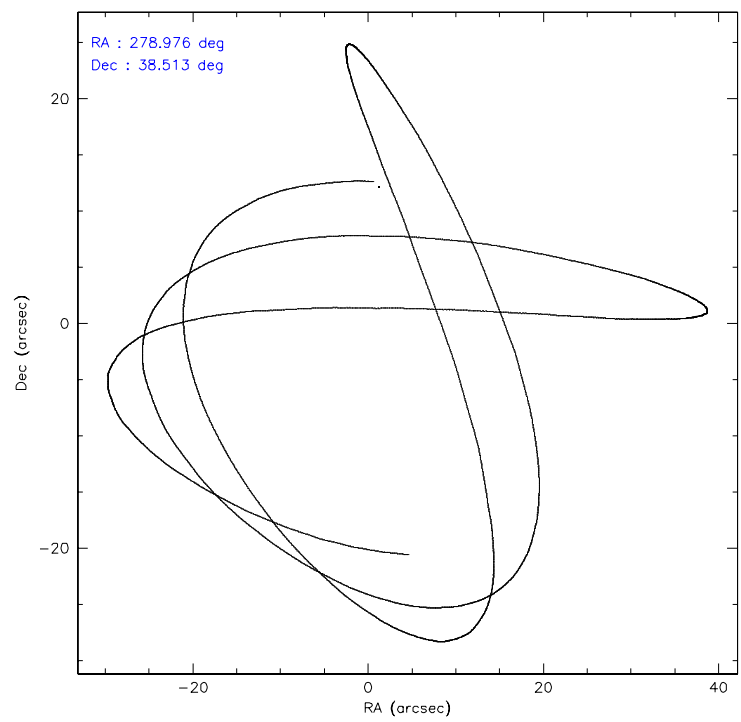
	segment 1	segment 2	segment 3
level 1 events	476854	33830	27648
rejected events	32029	15696	10953
rejected %	6%	46%	39%

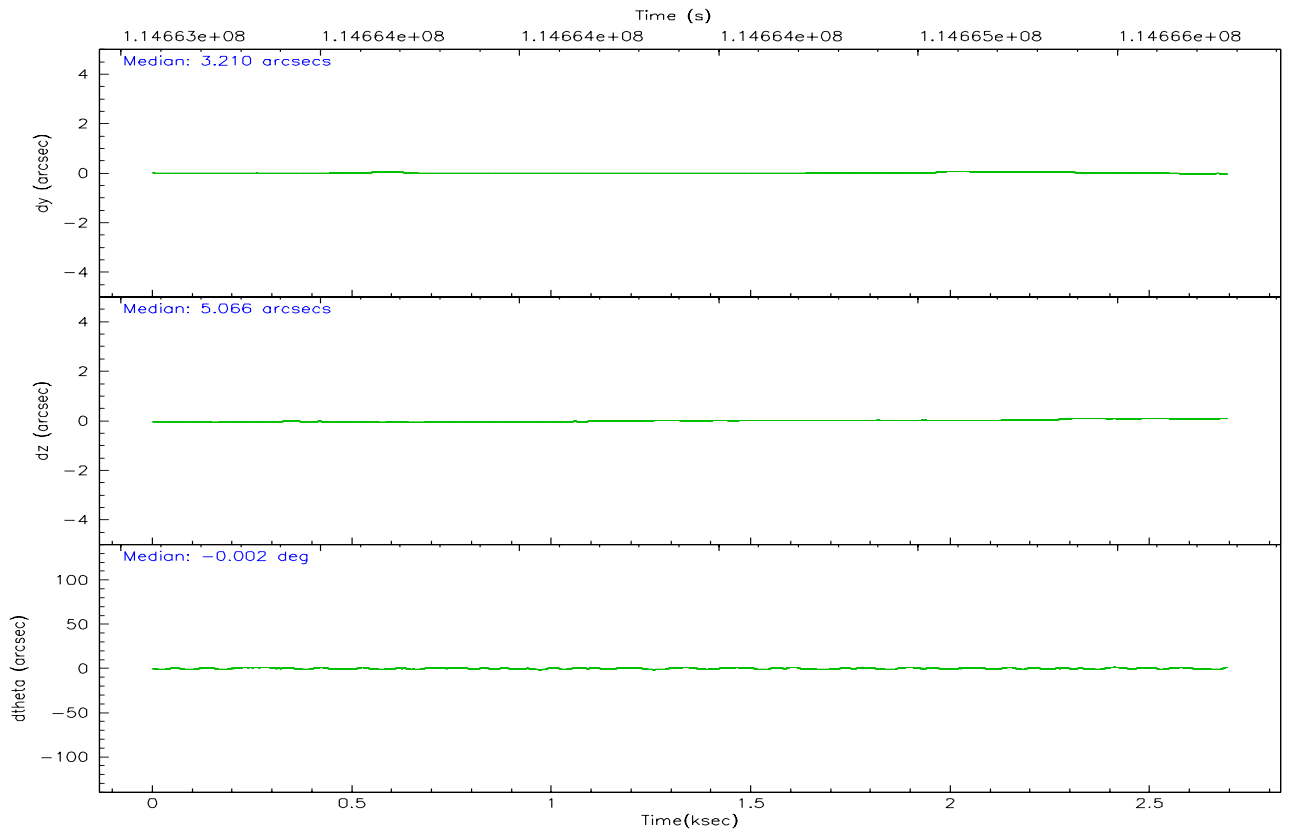
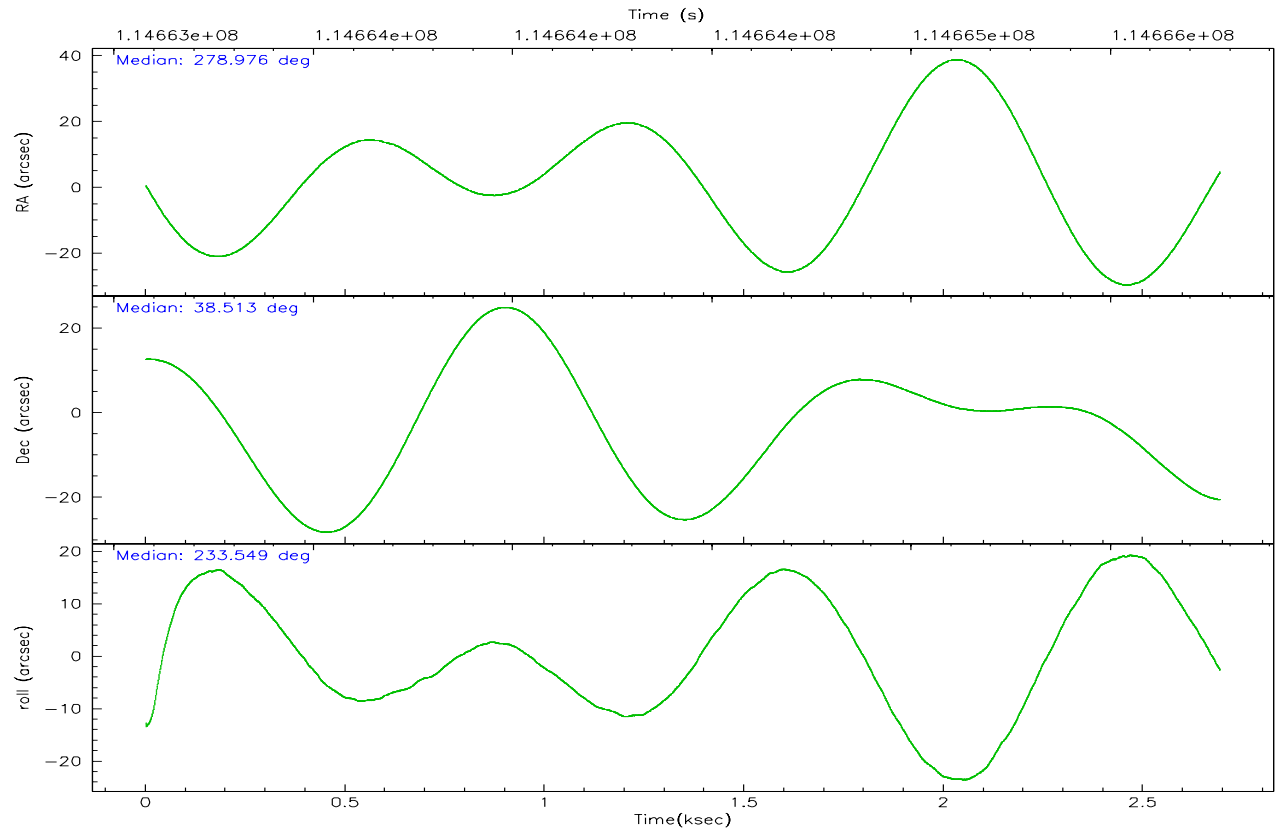
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	278.978949	278.9757558319575
Pointing Dec	38.541017	38.51220560102642
Pointing Roll	233.485418	233.5547505873433
Window start time	113011264.184000	113011264.184000
Window stop time	115516864.184000	115516864.184000
SIM focus pos (mm)	-1.529586	-1.523540733526241
SIM defocus (mm)	0.003750771043328743	0.009795905878055677
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	114663275.184000	114662899.02661
Observation start date	2001-08-20T02:53:31	2001-08-20T02:48:19
Observation end time	114665775.184000	114667437.21429
Observation end date	2001-08-20T03:35:11	2001-08-20T04:03:57

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



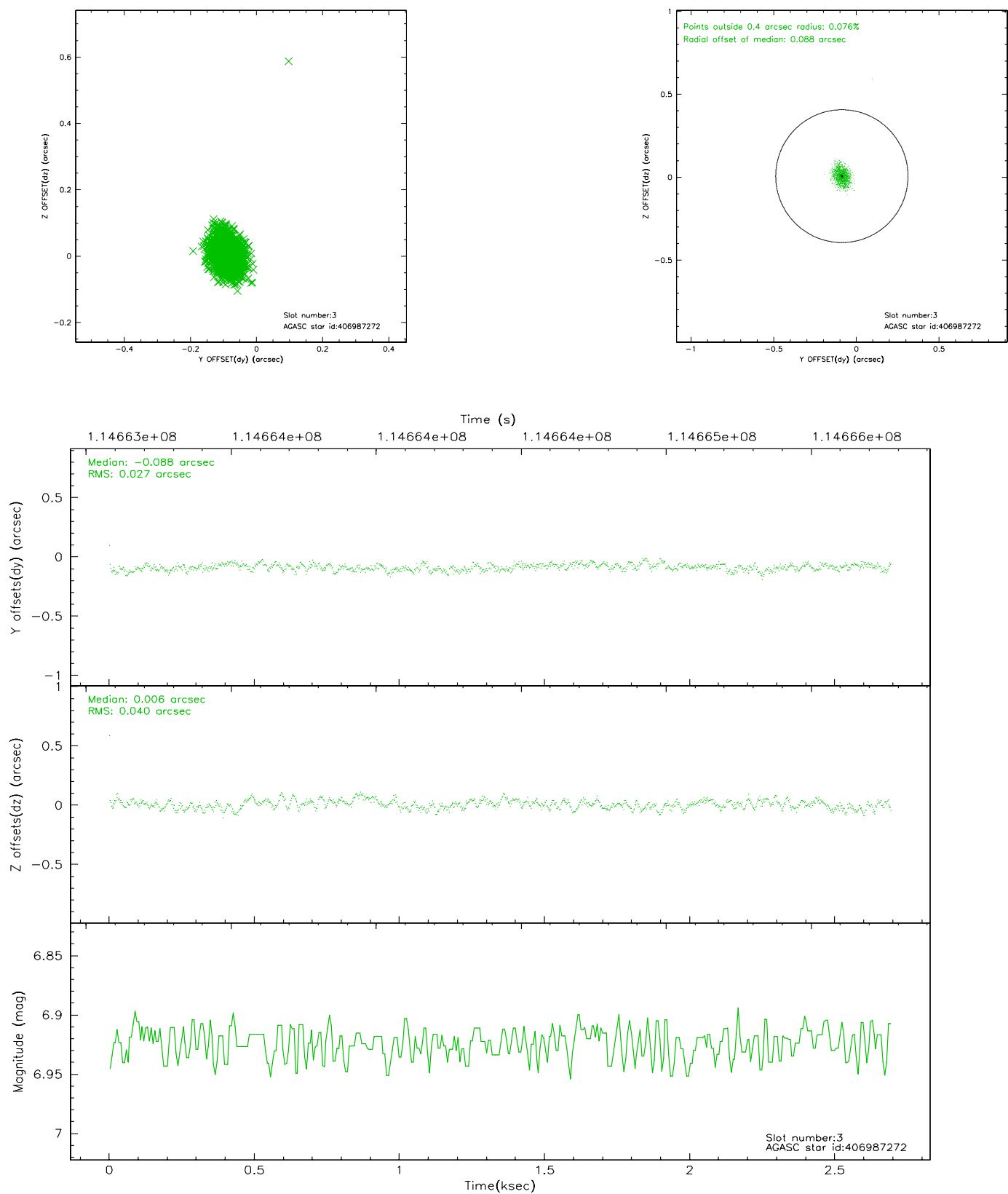


Slot Statistics

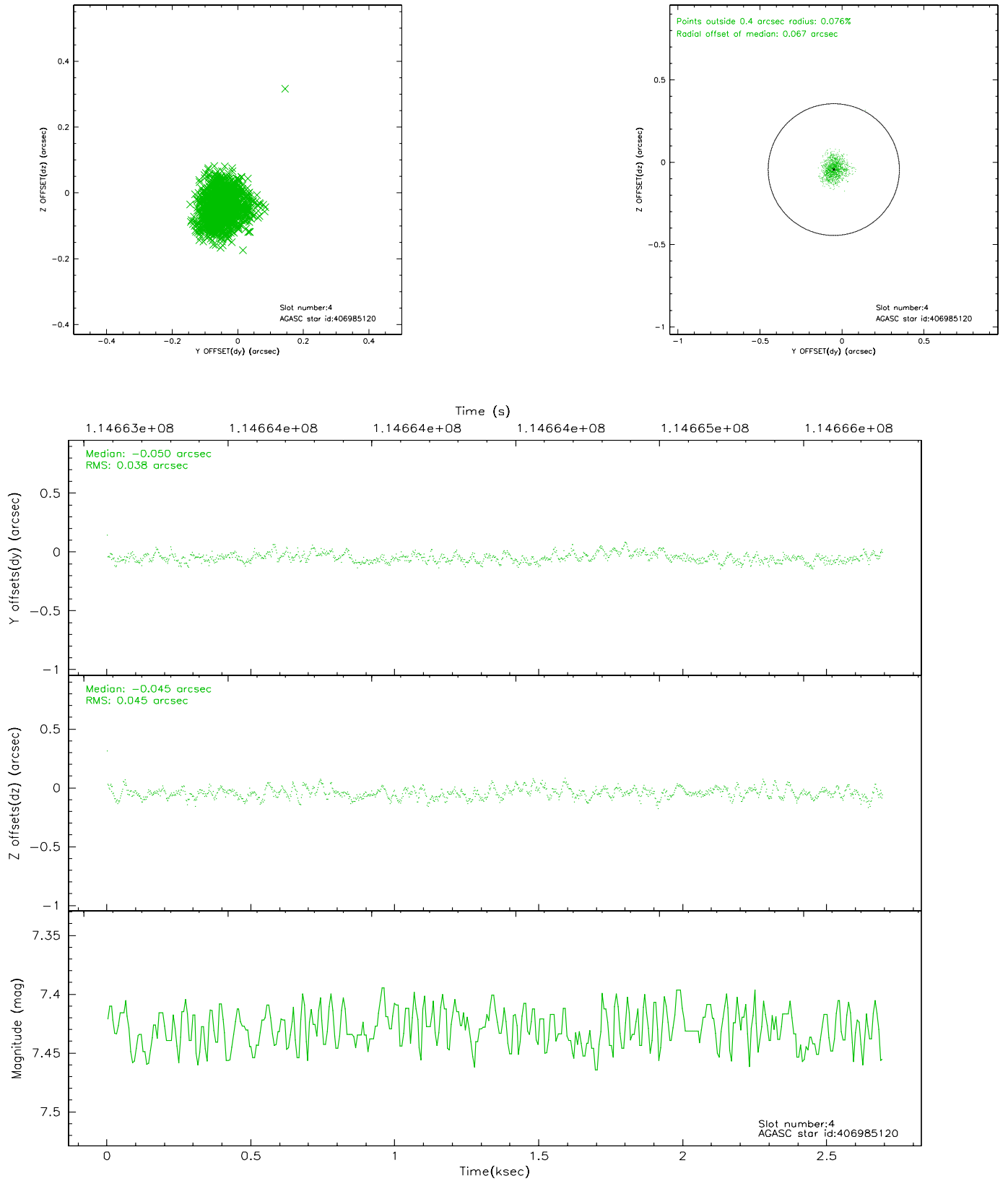
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	657	0.159	-0.154	0.006	0.011	0.000000	0.000000	-1157.24	-453.57
1	FID	HRC-S-2	6.98	657	0.091	-0.096	0.005	0.008	0.000000	0.000000	1240.59	-446.88
2	FID	HRC-S-3	7.00	657	0.140	-0.051	0.006	0.011	0.000000	0.000000	-1158.07	575.38
3	GUIDE	406987272	6.92	1315	-0.088	0.006	0.048	0.077	278.536588	38.437504	1037.48	-780.73
4	GUIDE	406985120	7.43	1314	-0.050	-0.045	0.063	0.099	278.839732	38.894839	-792.80	-1070.50
5	GUIDE	406993992	7.62	1314	0.009	-0.004	0.054	0.088	279.053714	38.034587	1336.54	1256.41
6	GUIDE	406989616	8.22	1315	0.017	0.031	0.068	0.106	279.202881	38.520843	-318.35	552.46
7	GUIDE	406990192	8.99	1314	0.103	0.004	0.065	0.105	278.510952	38.533654	800.99	-1043.10

2.4 Star Slots

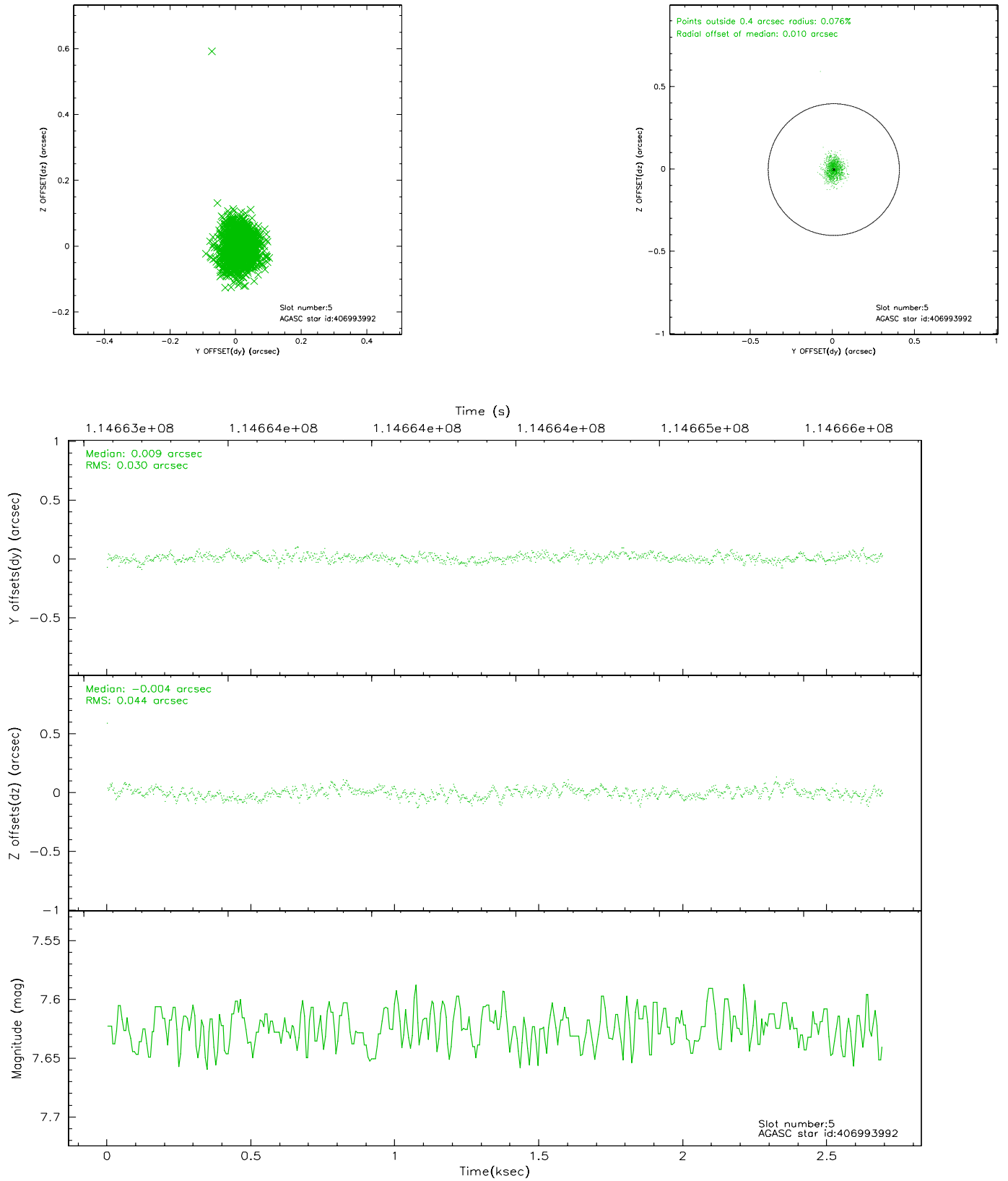
2.4.1 Slot 3



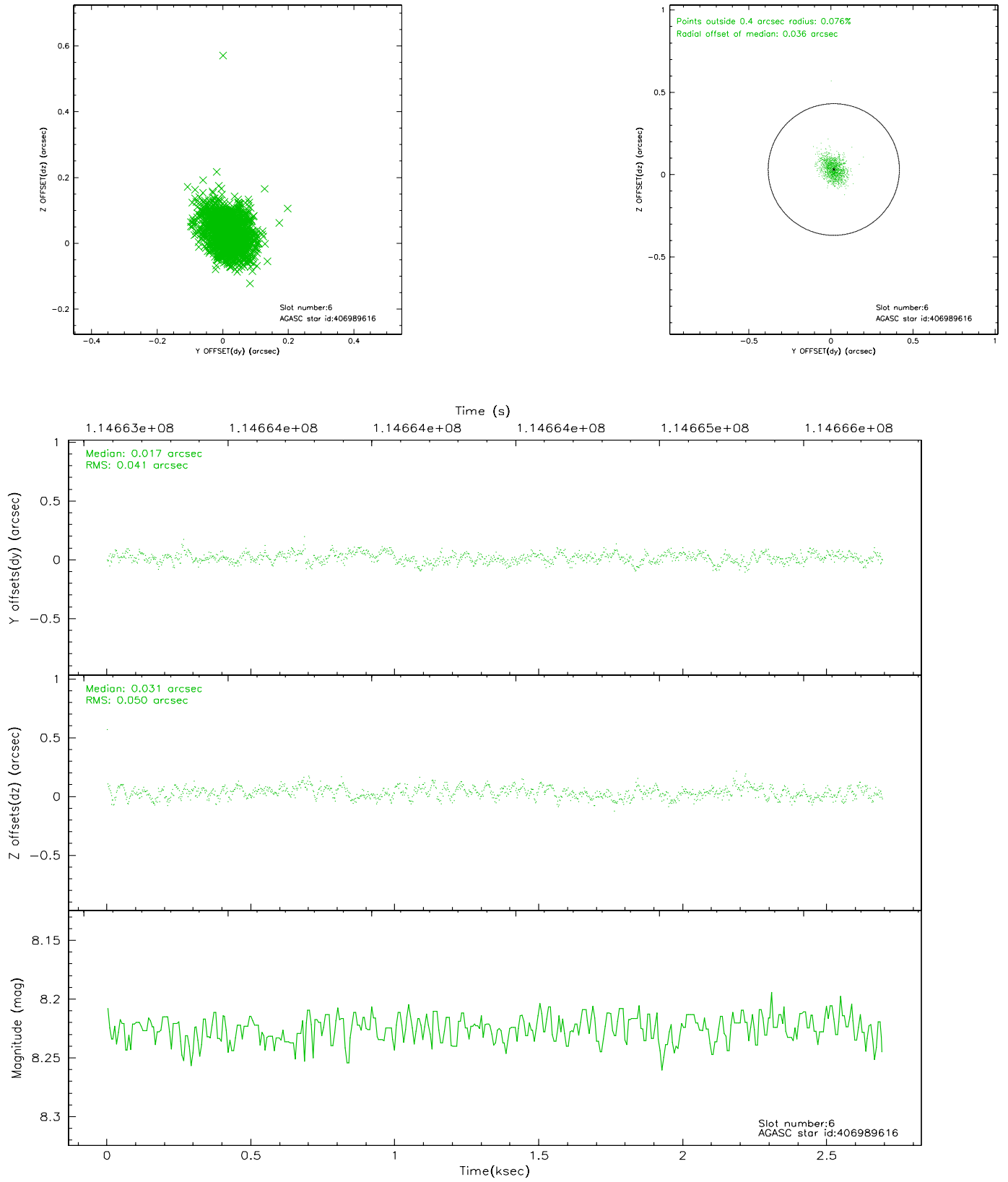
2.4.2 Slot 4



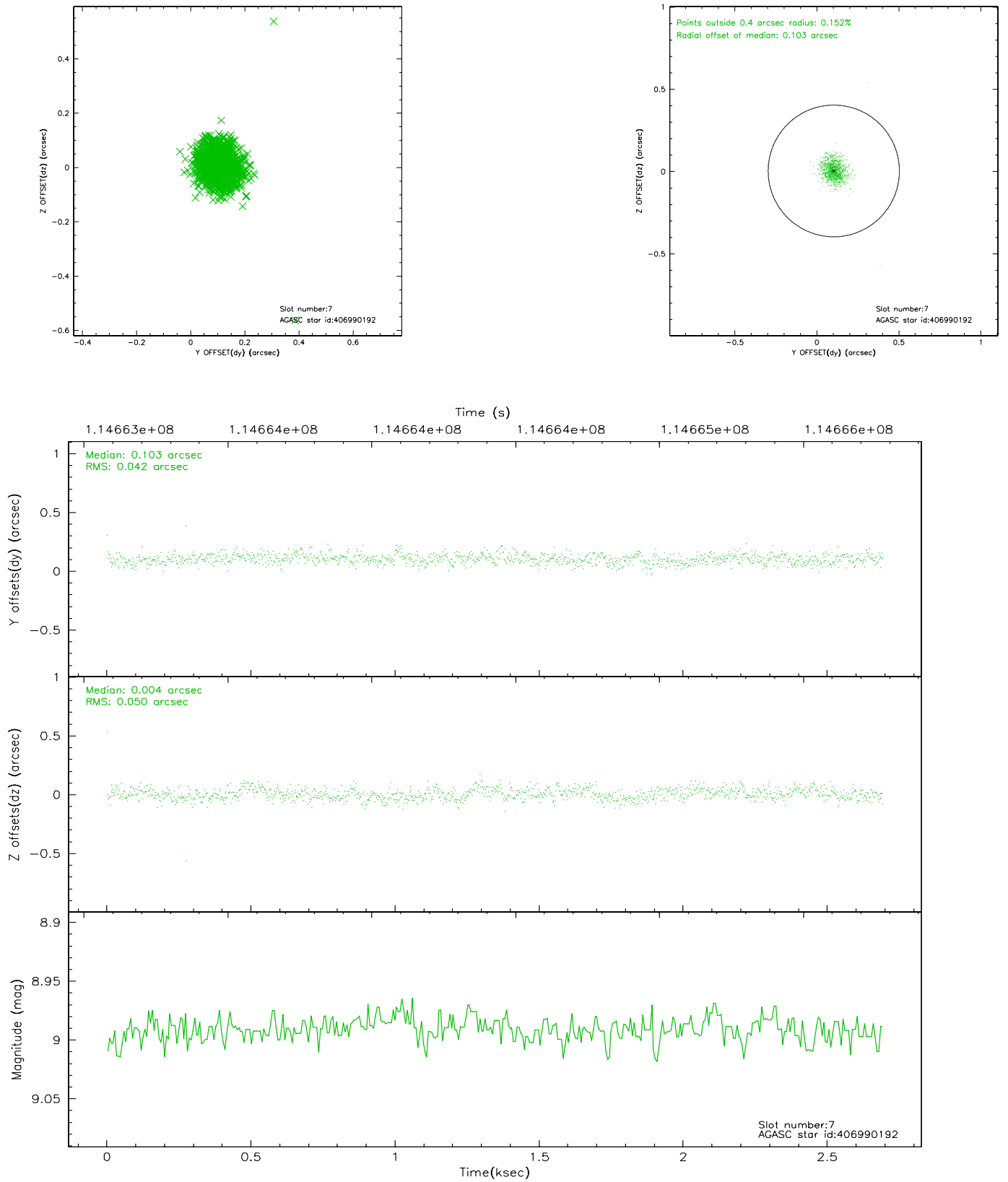
2.4.3 Slot 5



2.4.4 Slot 6

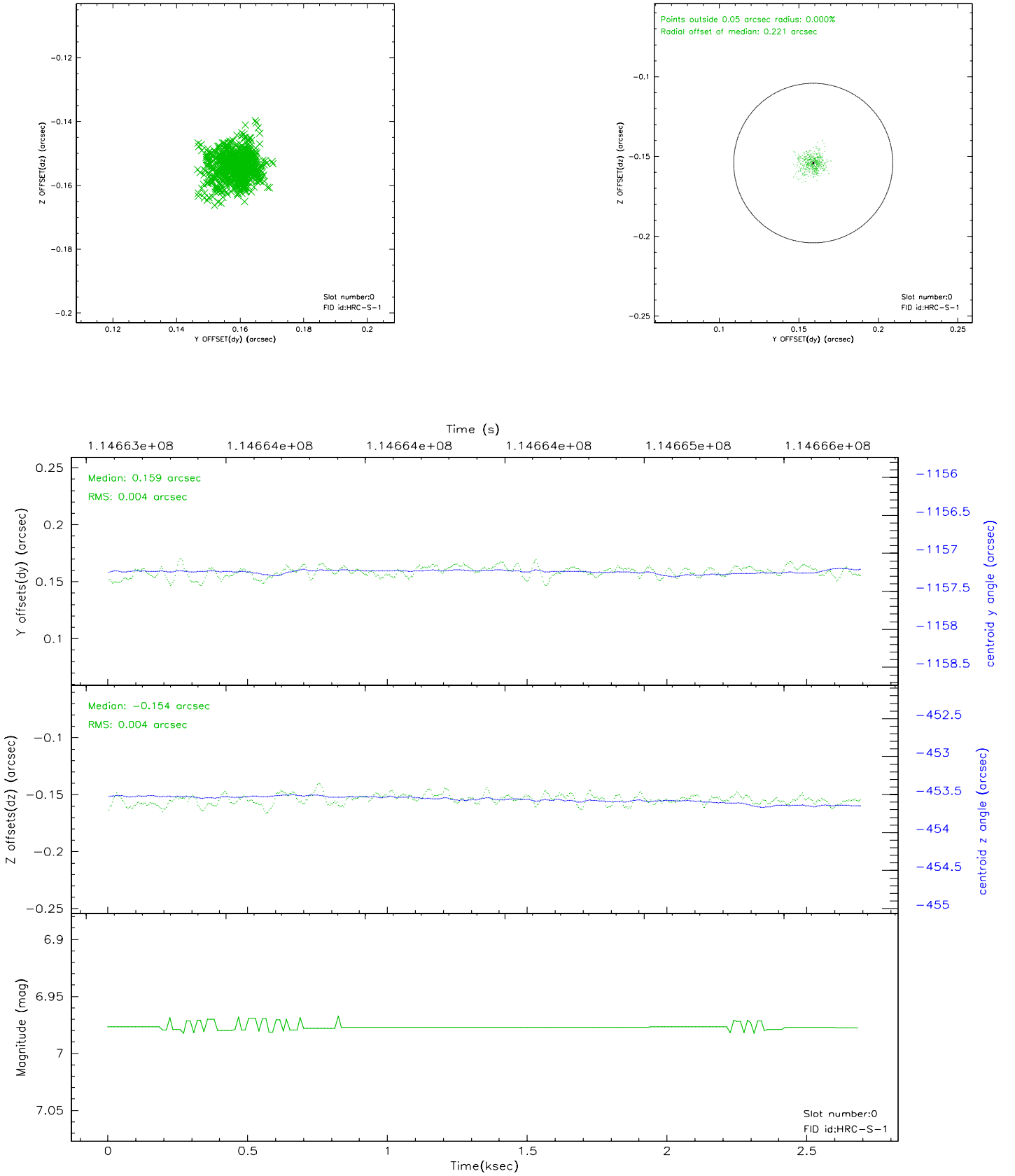


2.4.5 Slot 7

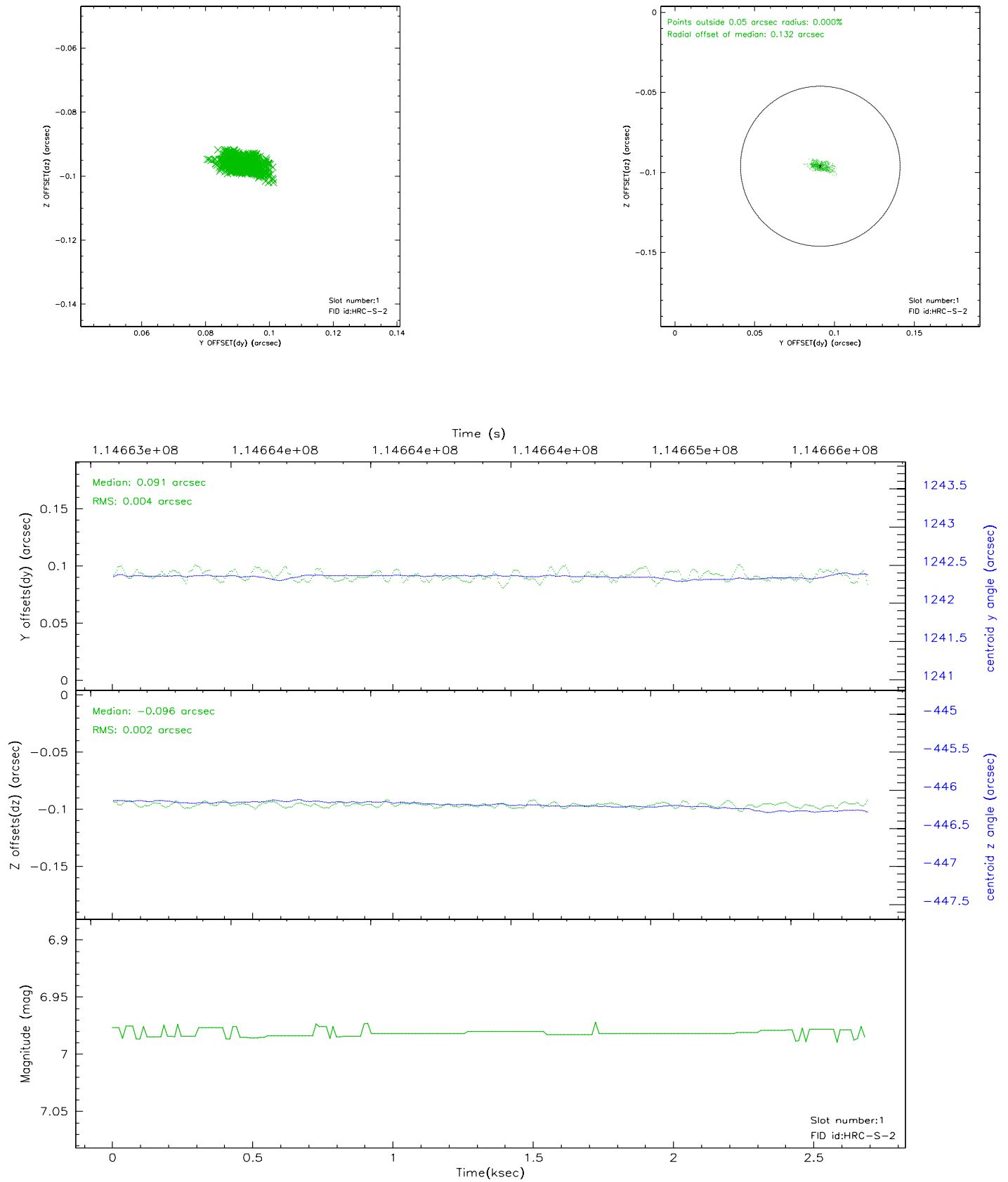


2.5 FID Slots

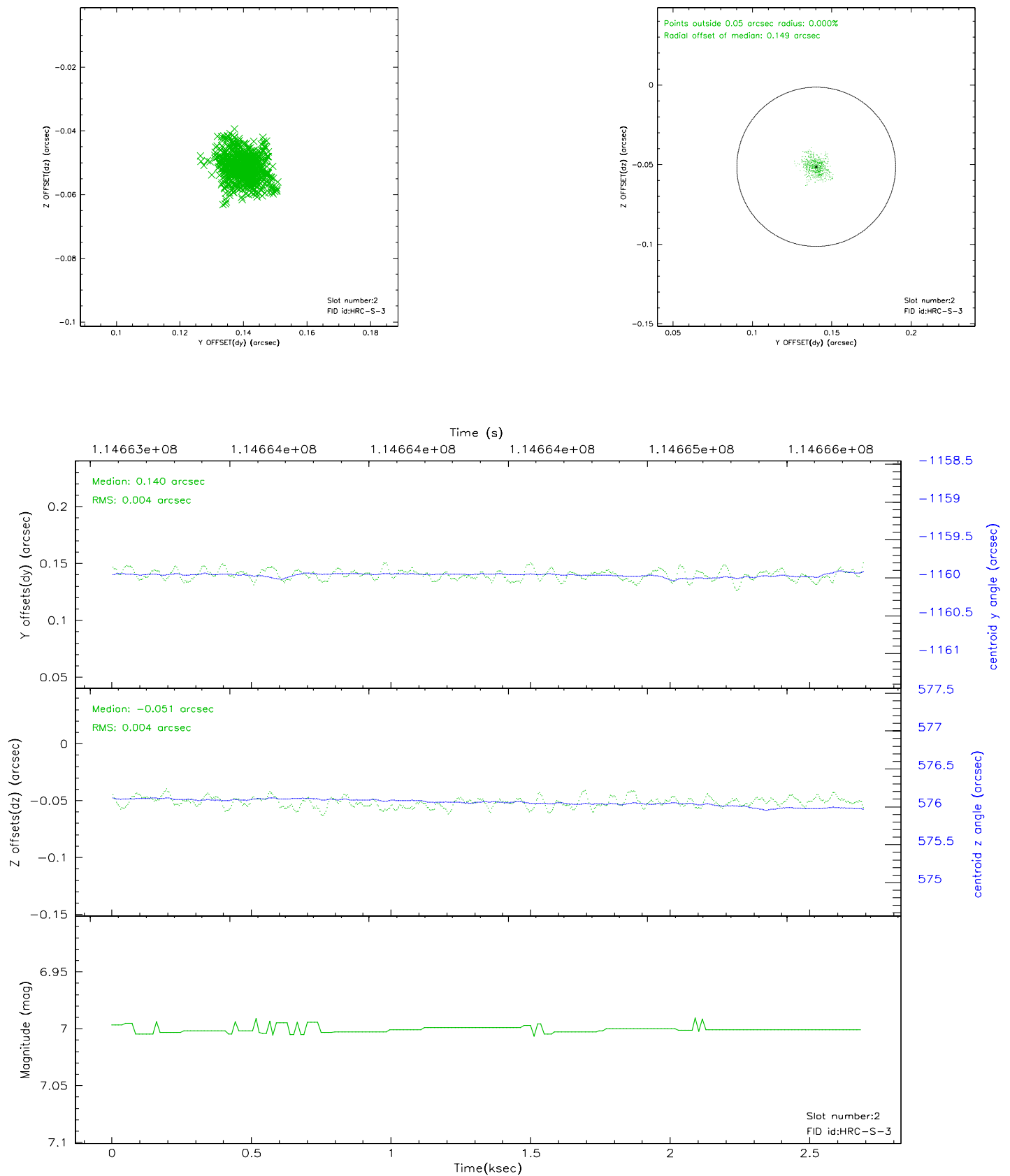
2.5.1 Slot 0



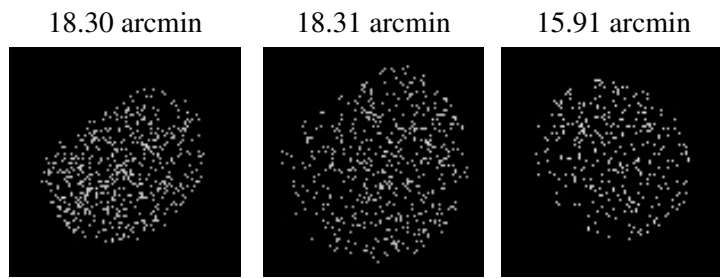
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.692

A.2 Comments

Window constraint satisfied.