

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 989 - L2 Version 001
Chandra X-Ray Center

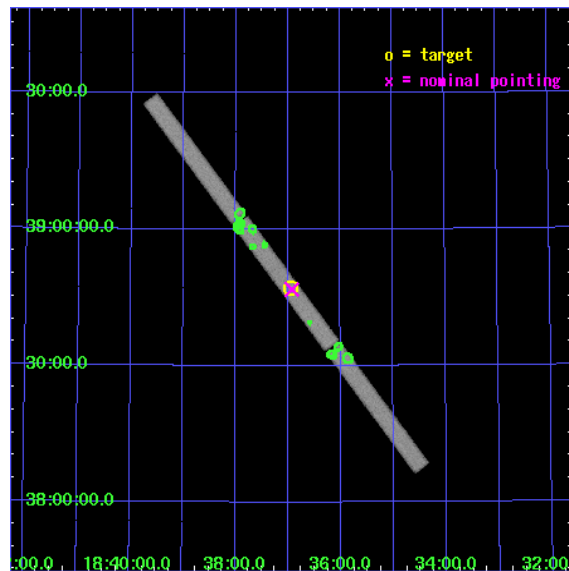
L2 Processing Date : Dec 21 2006

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

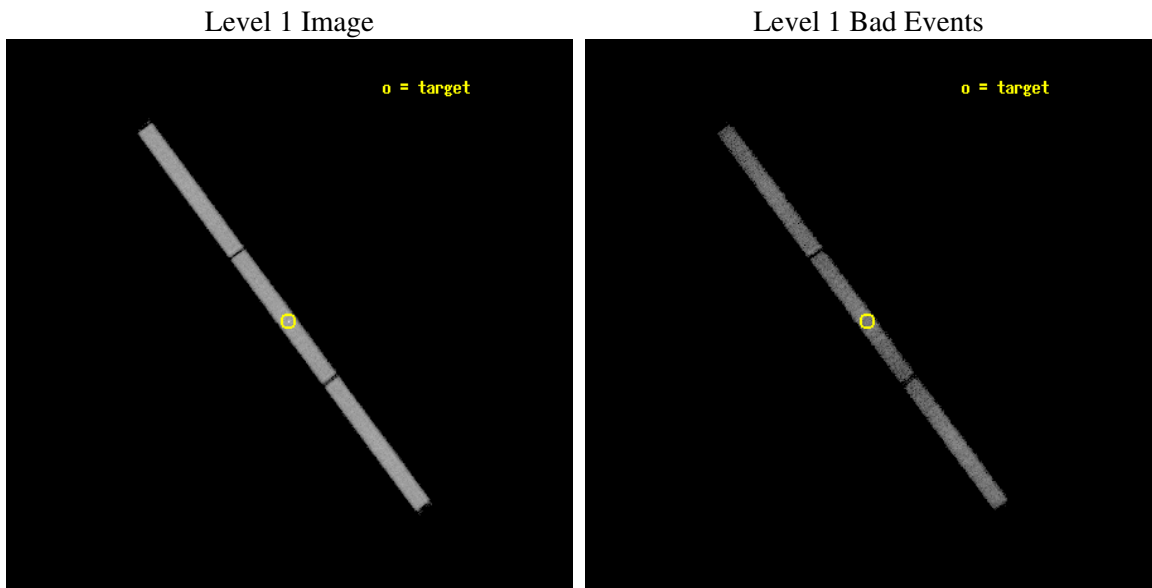
seq_num	290070
obs_id	989
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC
observer	Dr. CXC Calibration
object	VEGA, HRC-S, AO2
ra_targ	279.234792
dec_targ	38.783778
ra_nom	279.23140614968
dec_nom	38.780380799675
roll_nom	233.20098951549
revision	2
ontime	2355.7063428909
livetime	2340.4178856464
l2events	112533



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	2006-12-21T15:23:04
revision	2

sched_exp_time	2500.000000
ontime	2692.9313561916
l1events	183542

2.1.3 Events

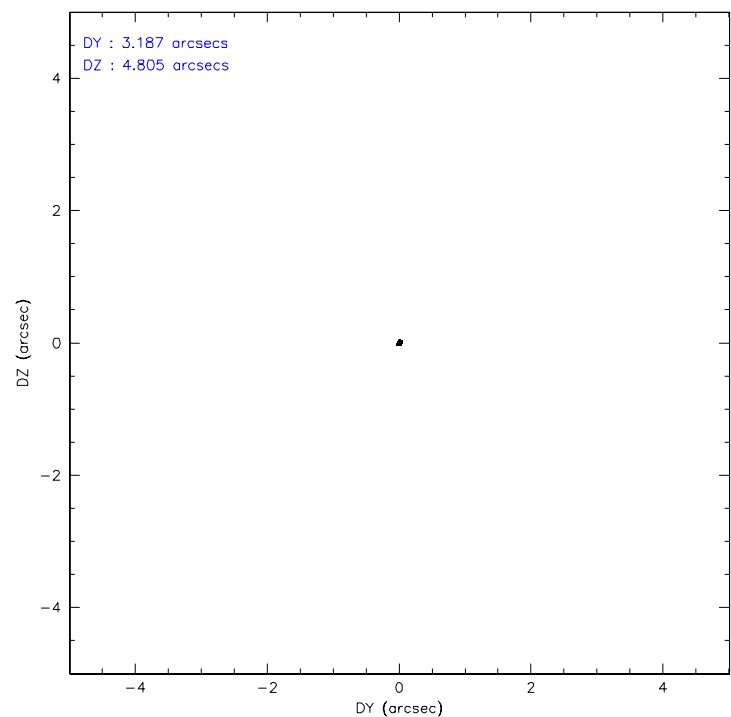
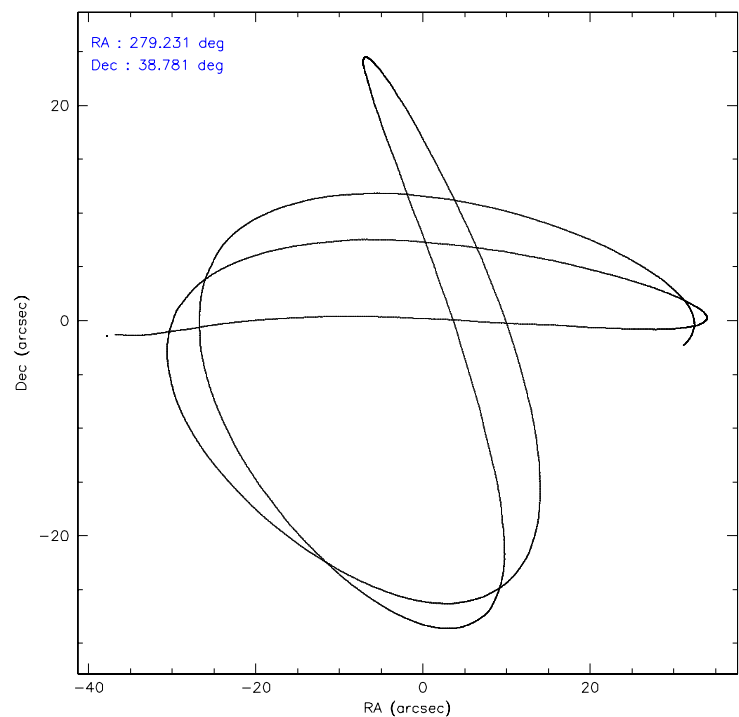
Level 1 Events

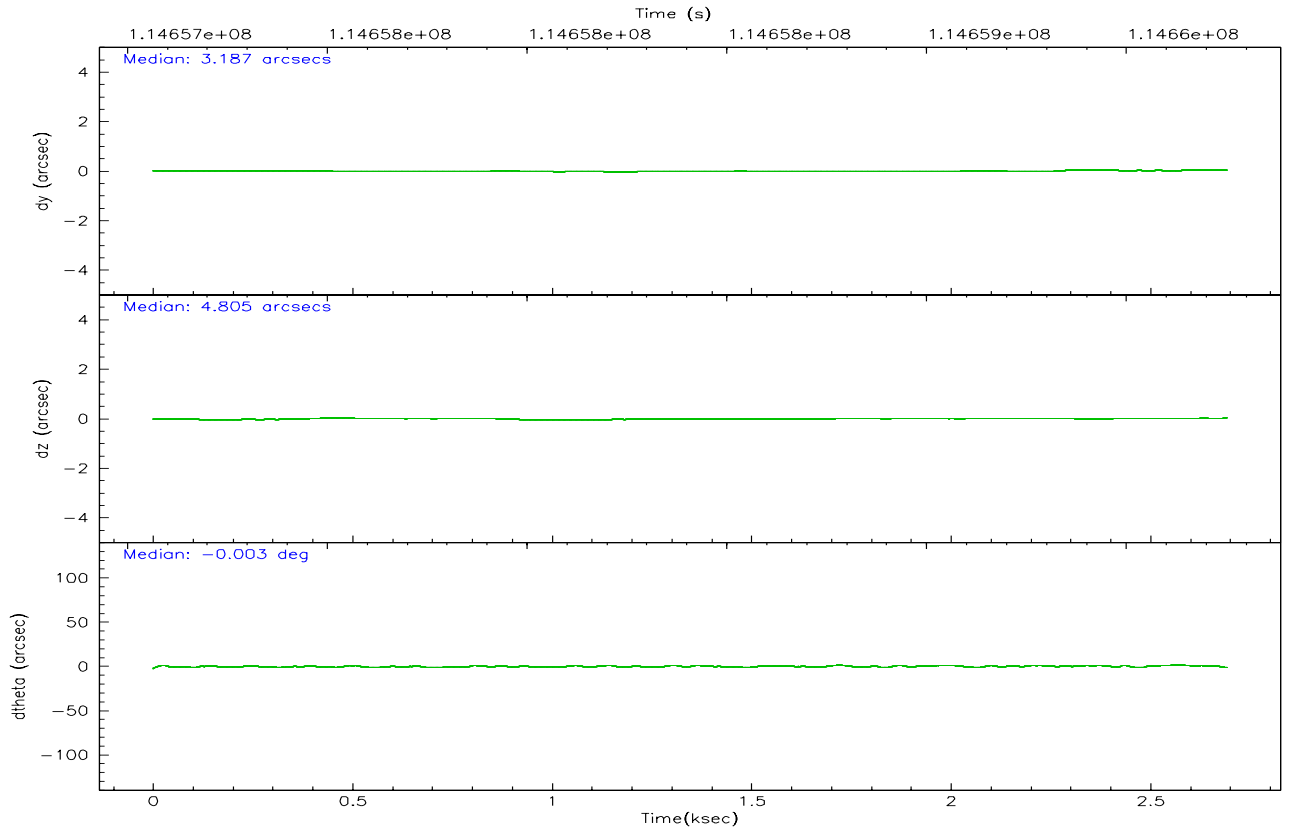
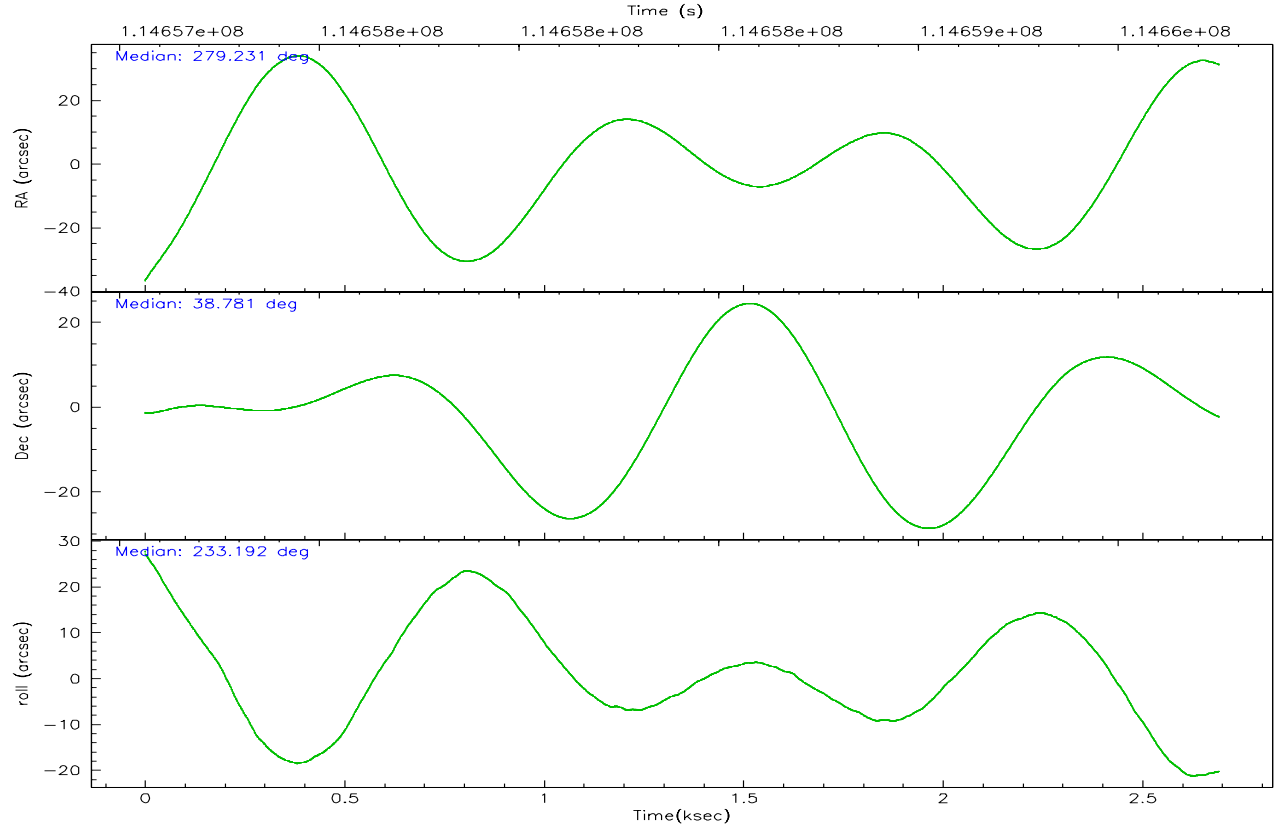
	segment 1	segment 2	segment 3
level 1 events	60621	61854	61067
rejected events	16167	19617	19244
rejected %	26%	31%	31%

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	279.233594	279.2314061496818			
Pointing Dec	38.808655	38.78038079967467			
Pointing Roll	233.132277	233.2009895154901			
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	114657255.184000	114656880.22637			
Observation start date	2001-08-20T01:13:11	2001-08-20T01:08:00			
Observation end time	114659755.184000	114659889.62649			
Observation end date	2001-08-20T01:54:51	2001-08-20T01:58:09			

2.3 Aspect



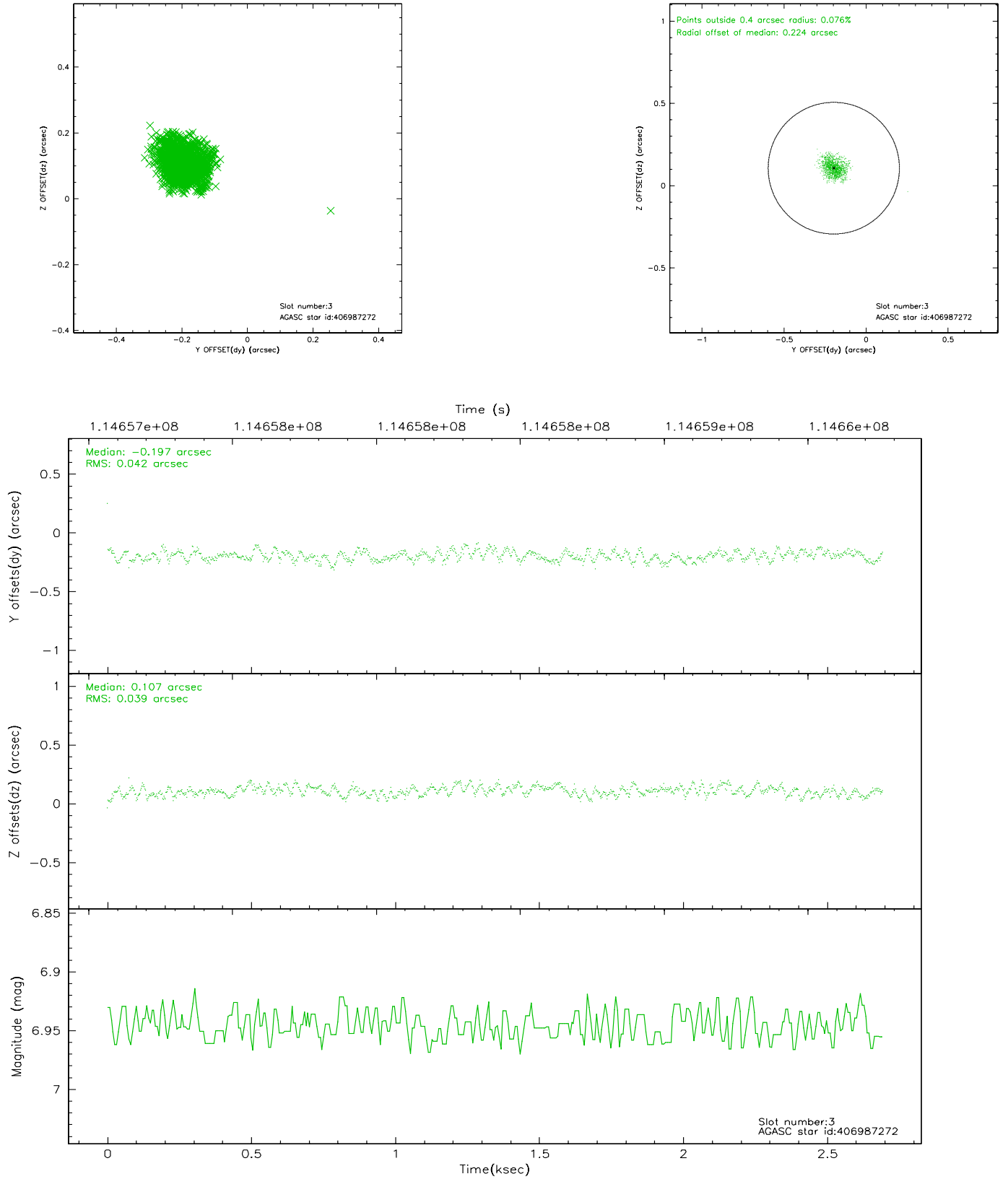


Slot Statistics

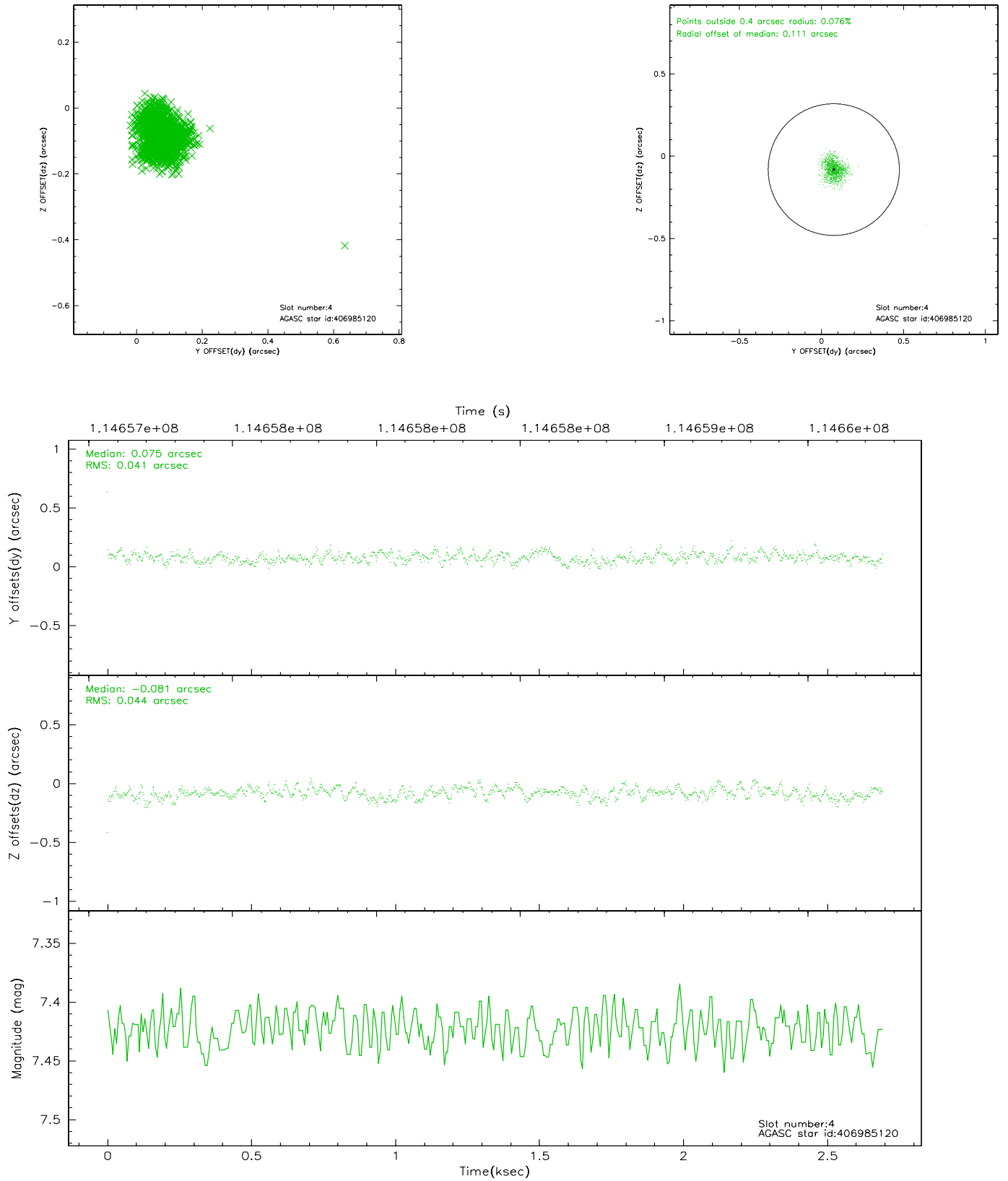
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	657	0.160	-0.149	0.006	0.011	0.000000	0.000000	-1157.21	-453.29
1	FID	HRC-S-2	6.98	657	0.088	-0.096	0.005	0.008	0.000000	0.000000	1240.61	-446.60
2	FID	HRC-S-3	7.00	657	0.141	-0.058	0.007	0.010	0.000000	0.000000	-1158.05	575.64
3	GUIDE	406987272	6.95	1315	-0.197	0.107	0.060	0.094	278.536588	38.437504	2243.99	-774.73
4	GUIDE	406985120	7.42	1315	0.075	-0.081	0.063	0.098	278.839732	38.894839	415.86	-1070.89
5	GUIDE	406989616	8.22	1315	0.080	-0.046	0.058	0.099	279.202881	38.520843	883.05	551.87
6	GUIDE	406983600	8.93	1315	0.007	0.054	0.076	0.118	279.940957	39.020708	-1801.42	1120.75
7	GUIDE	406980288	9.32	1313	0.036	-0.041	0.088	0.141	278.903147	39.061646	-175.47	-1285.49

2.4 Star Slots

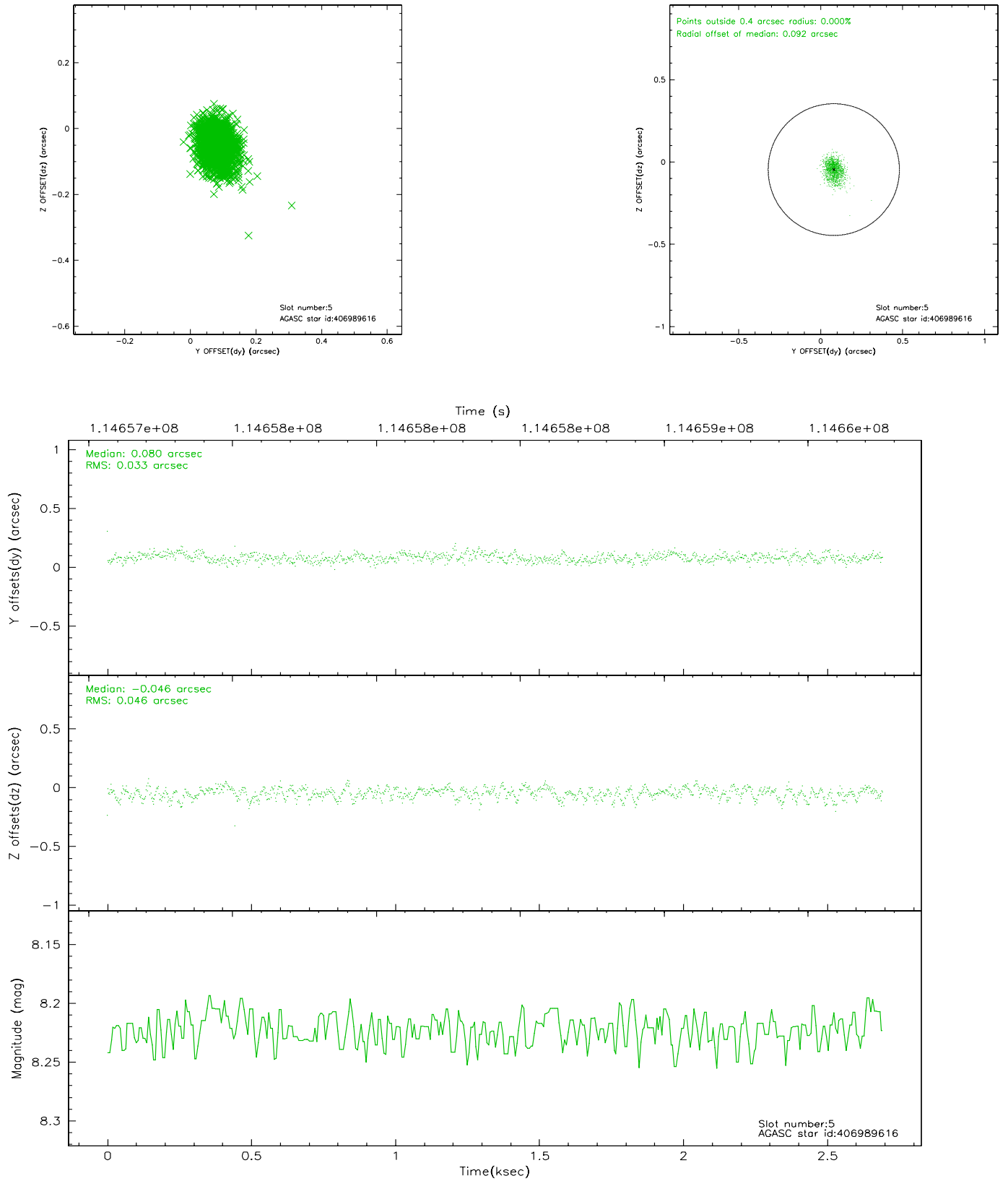
2.4.1 Slot 3



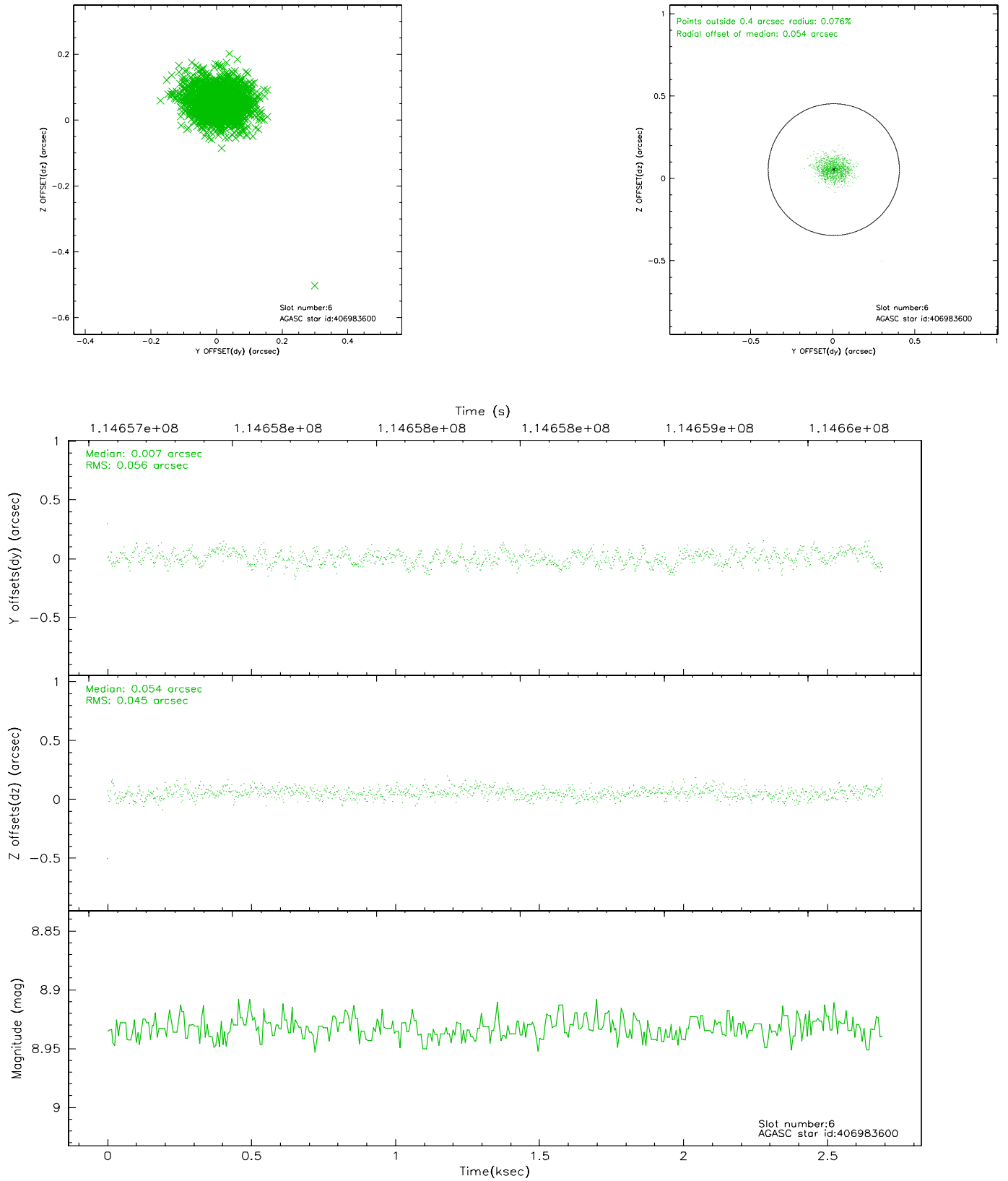
2.4.2 Slot 4



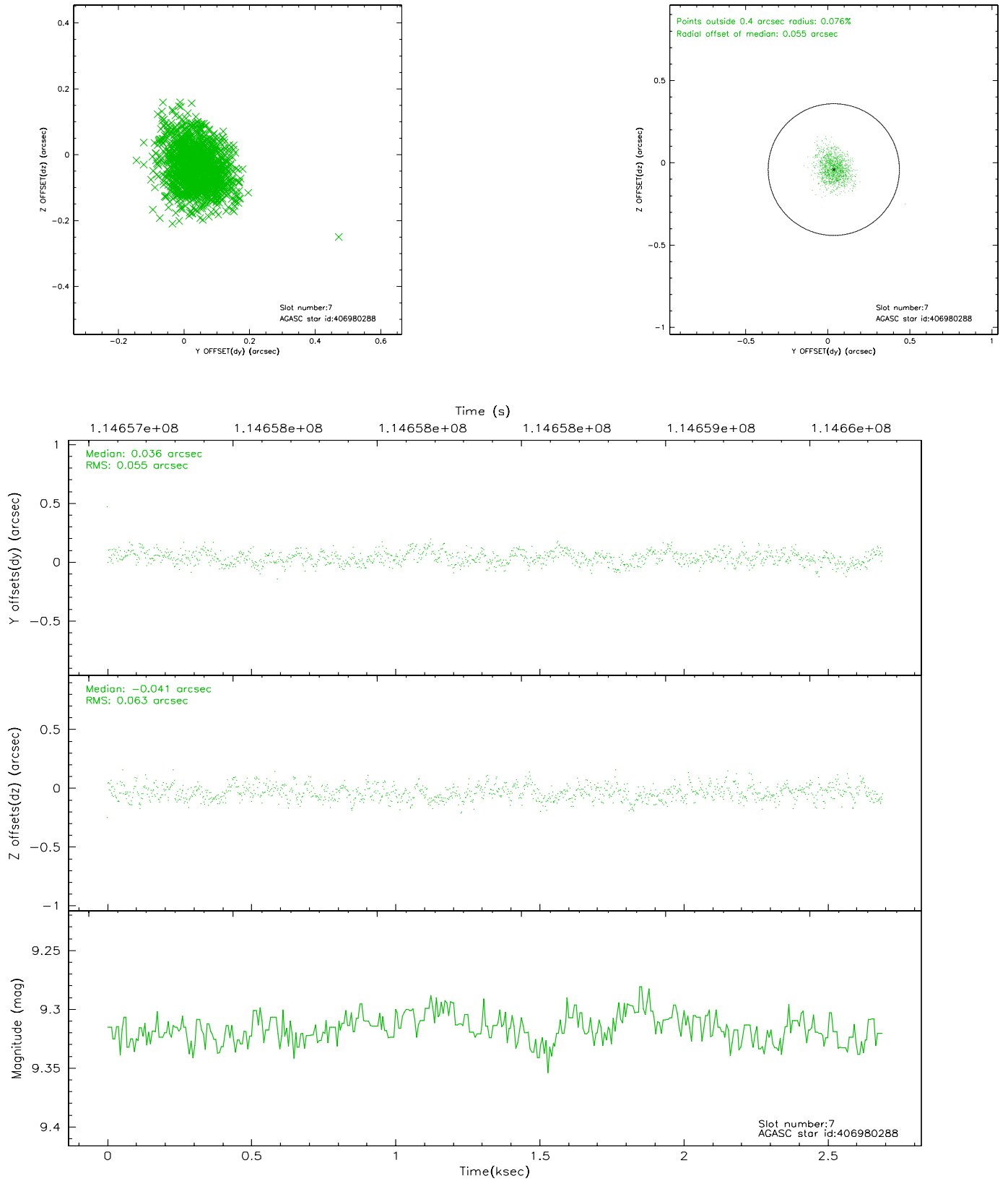
2.4.3 Slot 5



2.4.4 Slot 6

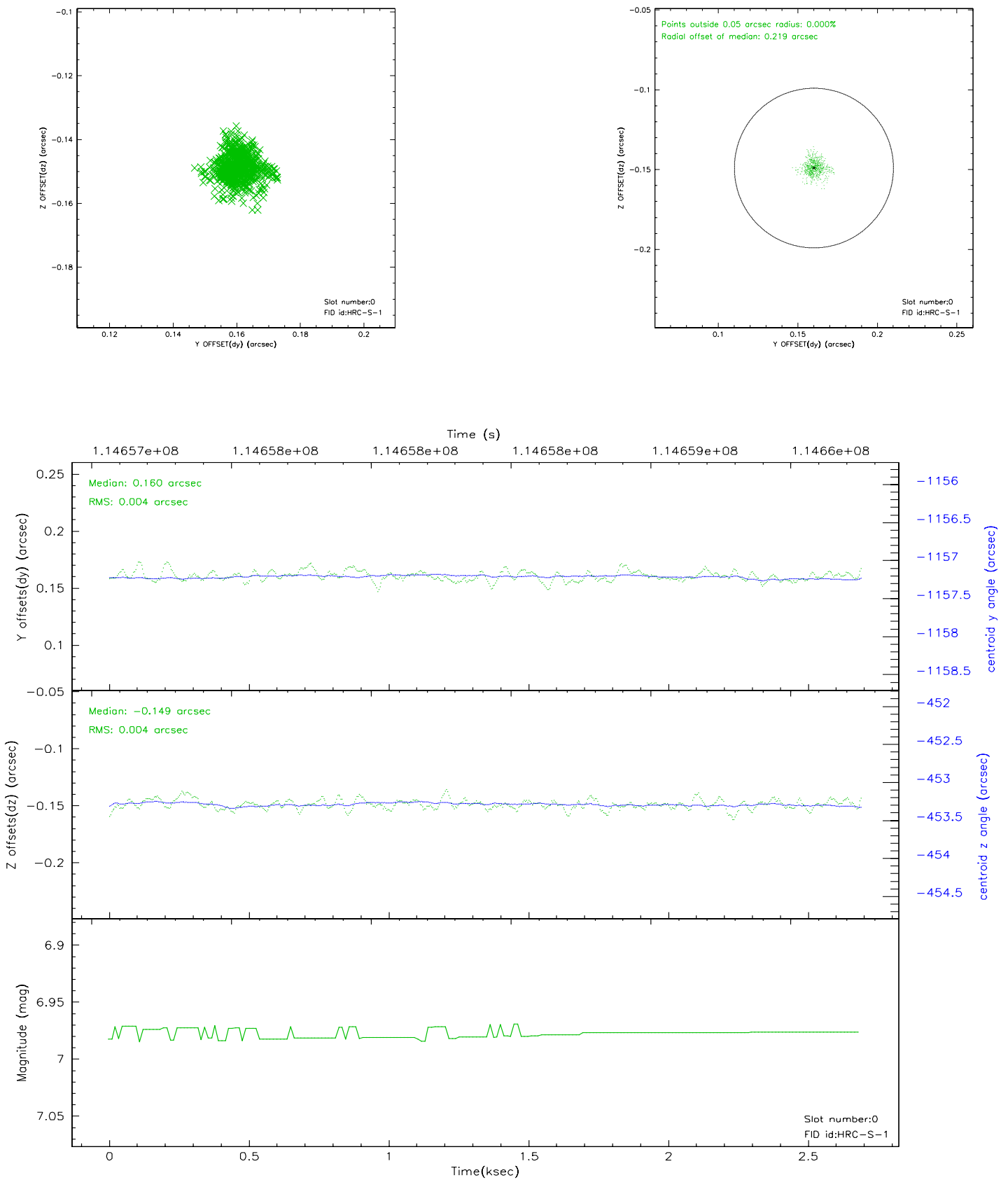


2.4.5 Slot 7

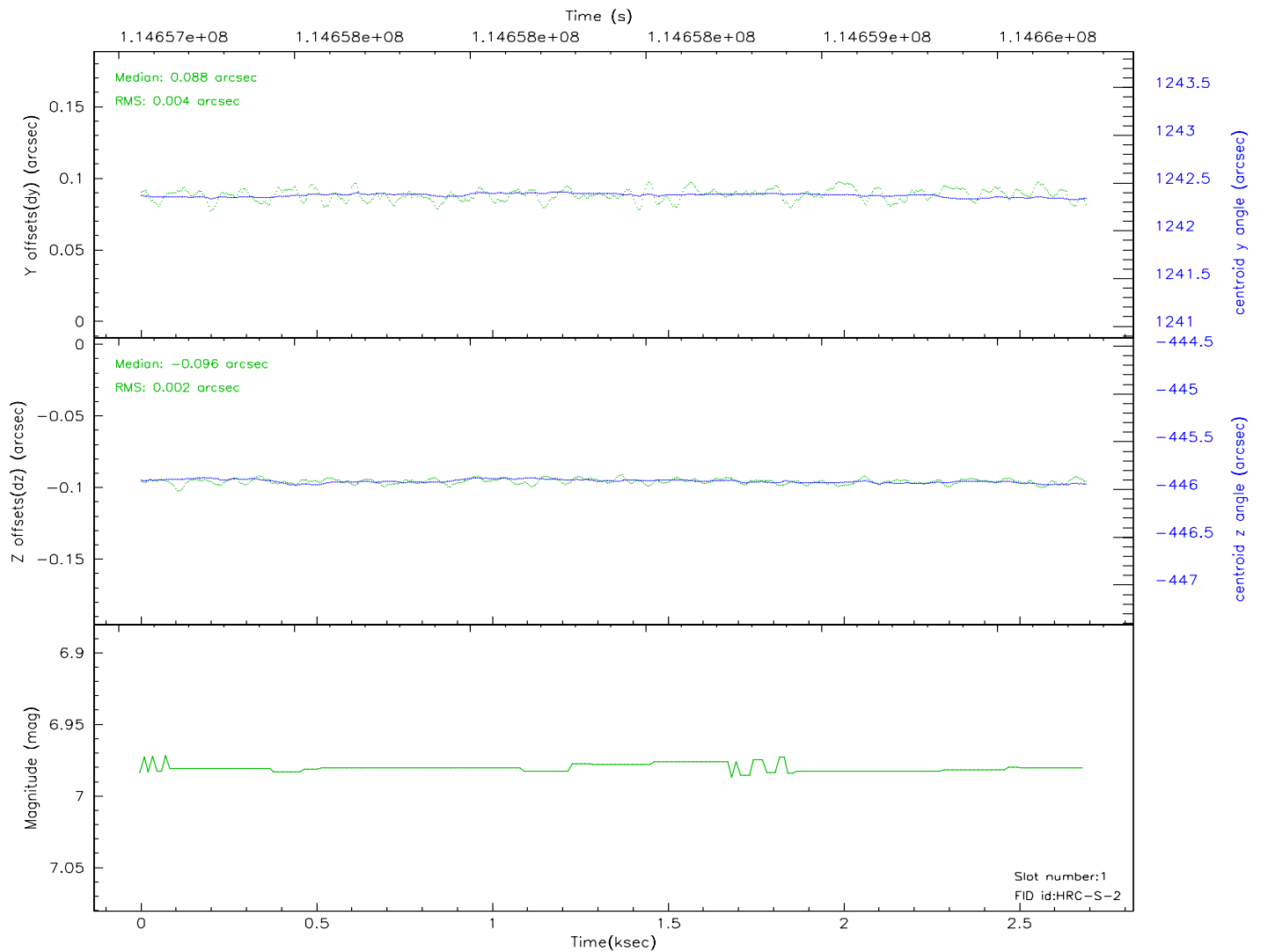
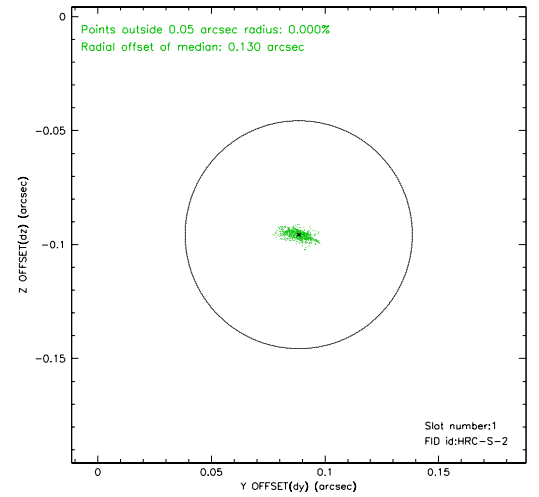
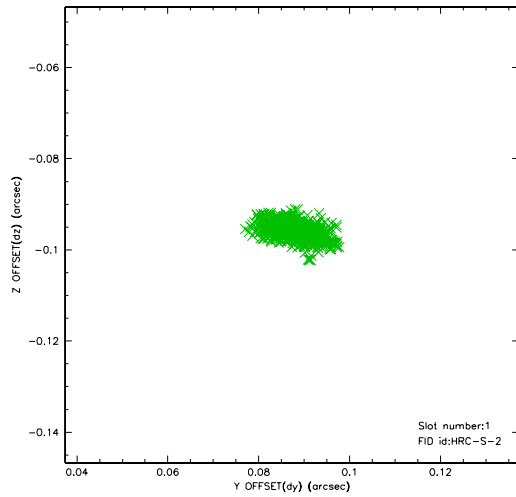


2.5 FID Slots

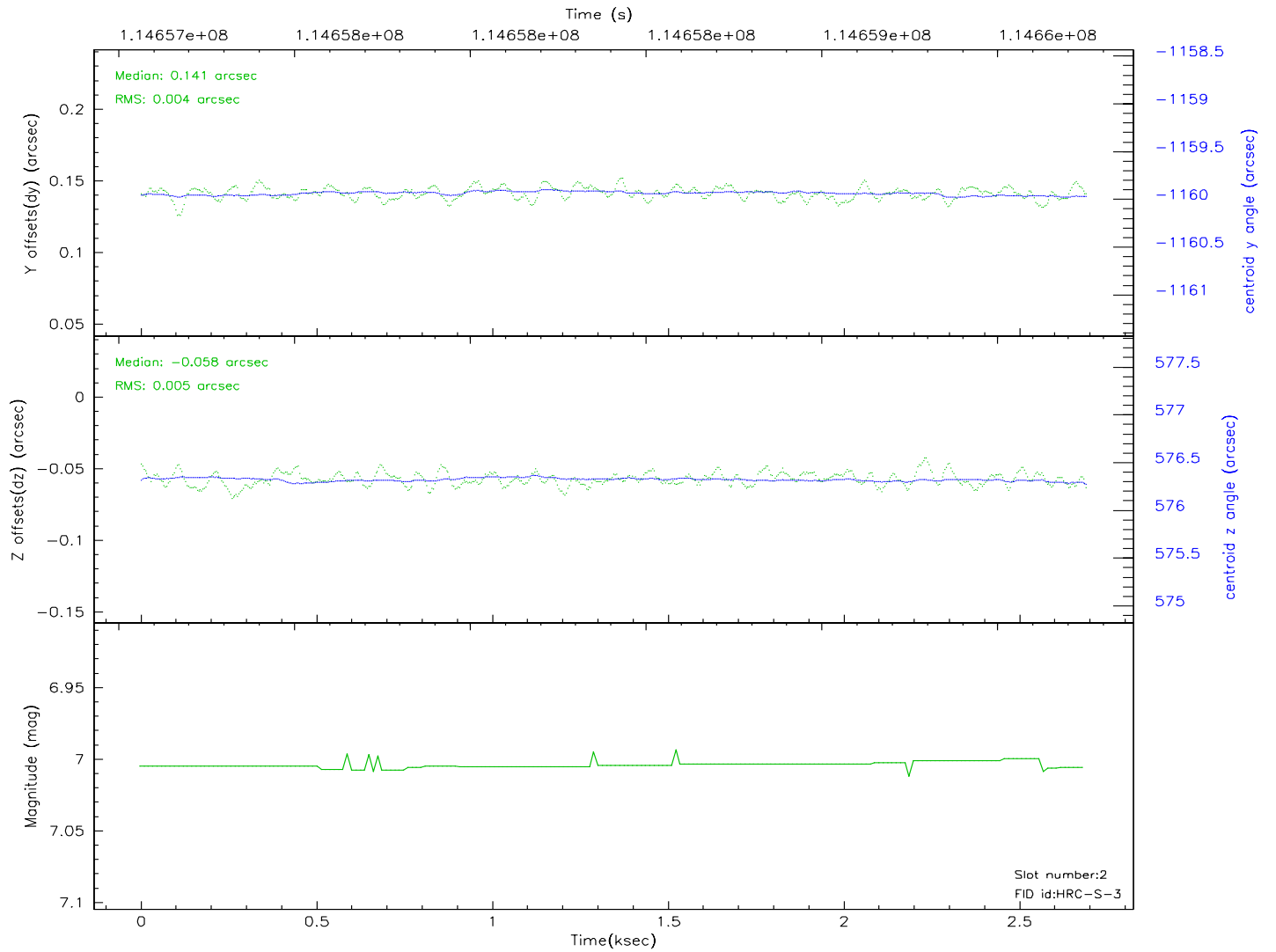
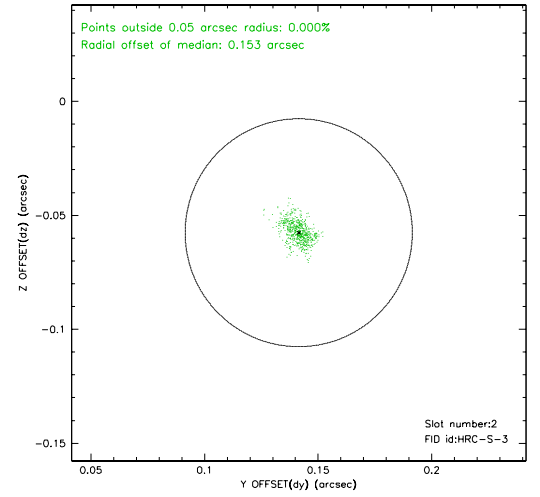
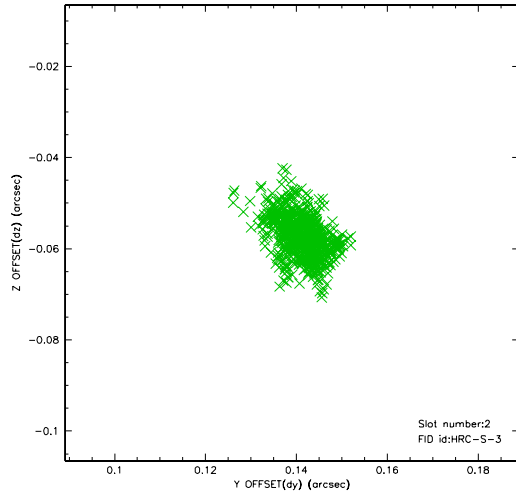
2.5.1 Slot 0



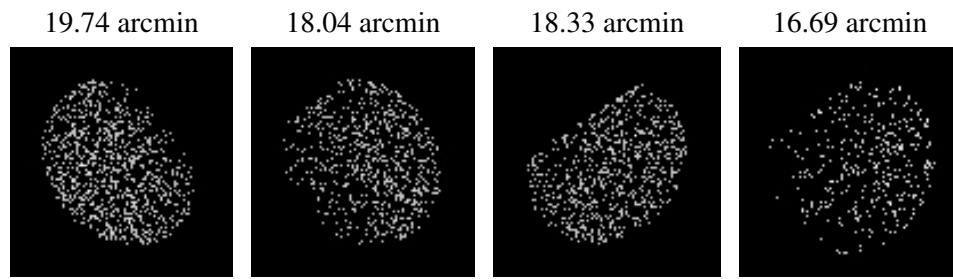
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.356

A.2 Comments

Window constraint met.