

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3688 - L2 Version 001
Chandra X-Ray Center

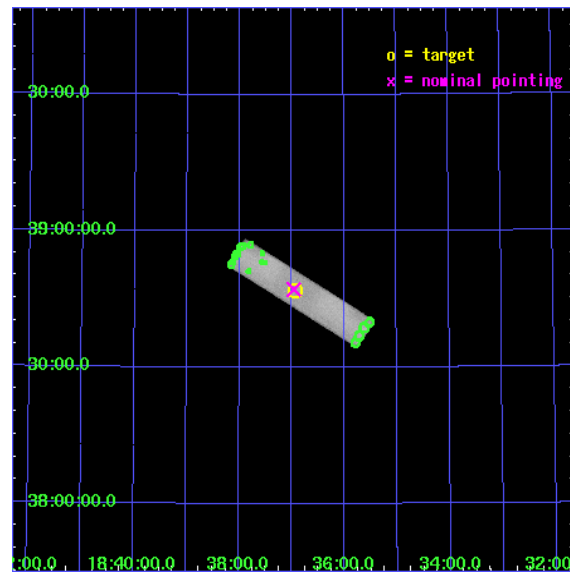
L2 Processing Date : Jul 19 2006

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

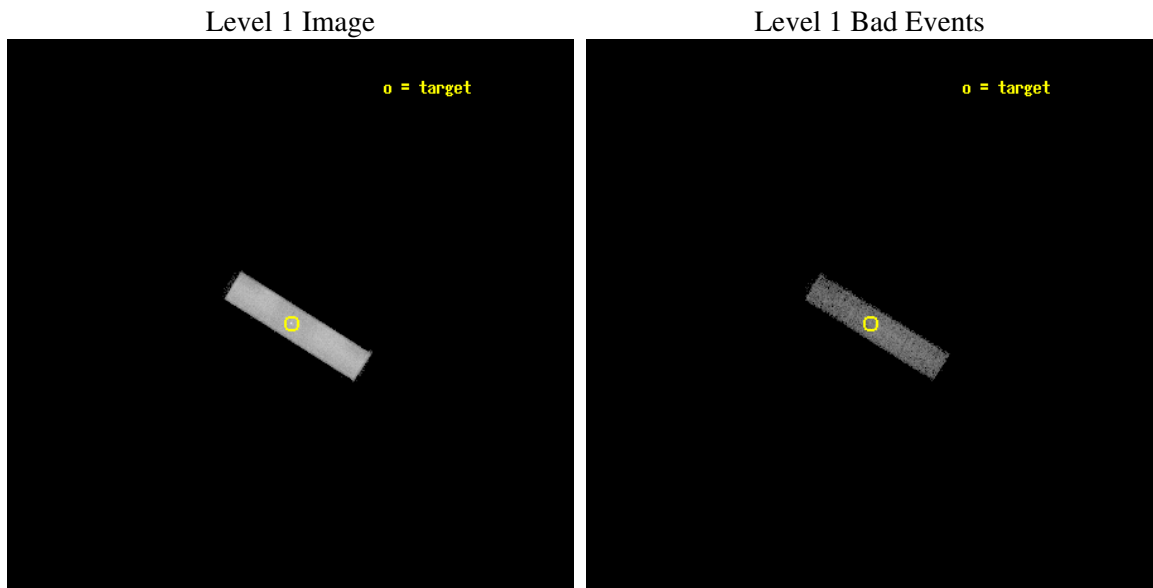
seq_num	290242
obs_id	3688
title	AO4 MEASUREMENTS OF THE OPTICAL/UV TRANSMISSION OF THE HRC AND ACIS FILTERS
observer	Dr. CXC Calibration
object	VEGA
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.23993694833
dec_nom	38.786383785392
roll_nom	31.906041911864
revision	2
ontime	1845.2563273609
livetime	1830.4704868357
l2events	112898



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-19T12:23:25
revision	2

sched_exp_time	2000.000000
ontime	2182.481341511
l1events	142553

2.1.3 Events

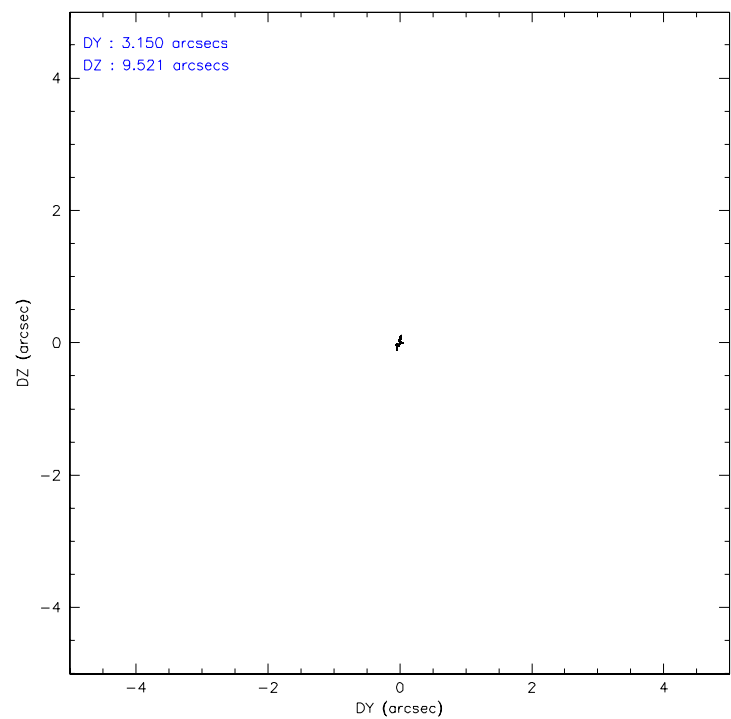
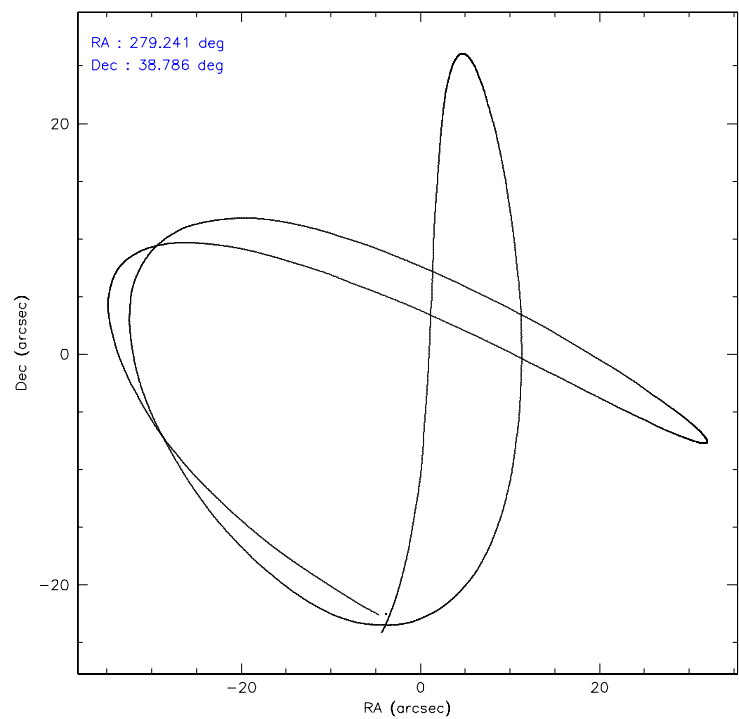
Level 1 Events

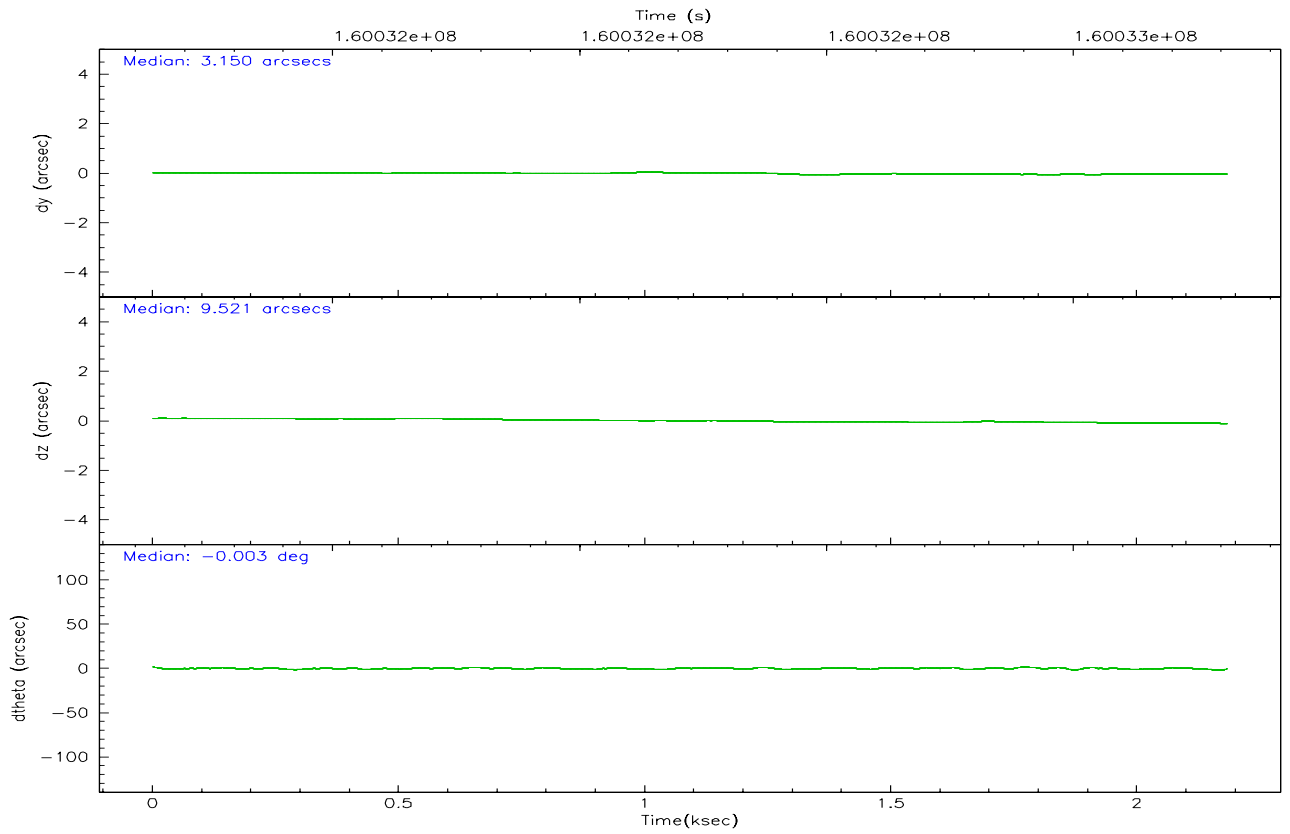
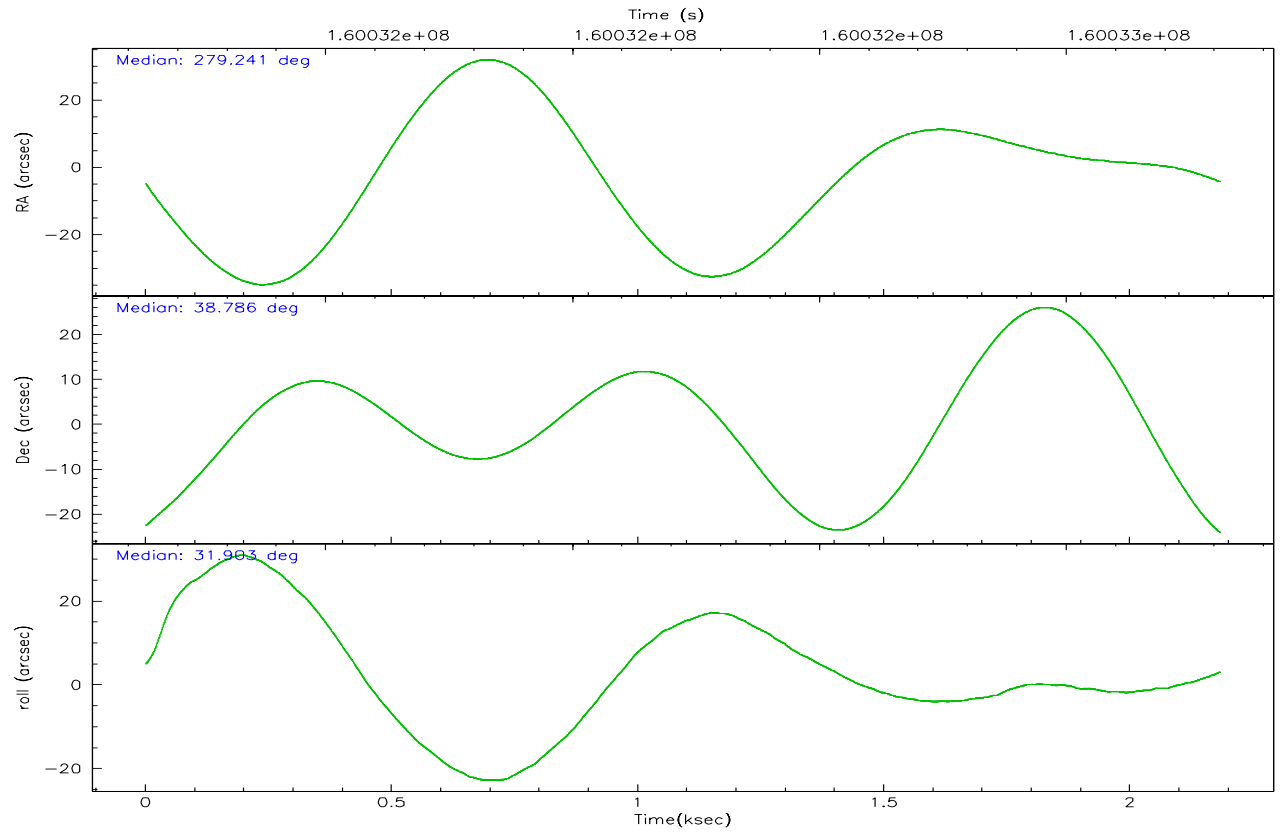
	segment 1	segment 2	segment 3
level 1 events	0	142553	0
rejected events	0	25081	0
rejected %	0%	17%	0%

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	279.224539	279.2399369483314			
Pointing Dec	38.760275	38.78638378539241			
Pointing Roll	31.848406	31.90604191186431			
Window start time	159019264.184000	159019264.184000			
Window stop time	161697664.184000	161697664.184000			
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	160031319.184000	160030943.49954			
Observation start date	2003-01-27T05:07:35	2003-01-27T05:02:23			
Observation end time	160033319.184000	160033453.72464			
Observation end date	2003-01-27T05:40:55	2003-01-27T05:44:13			

2.3 Aspect



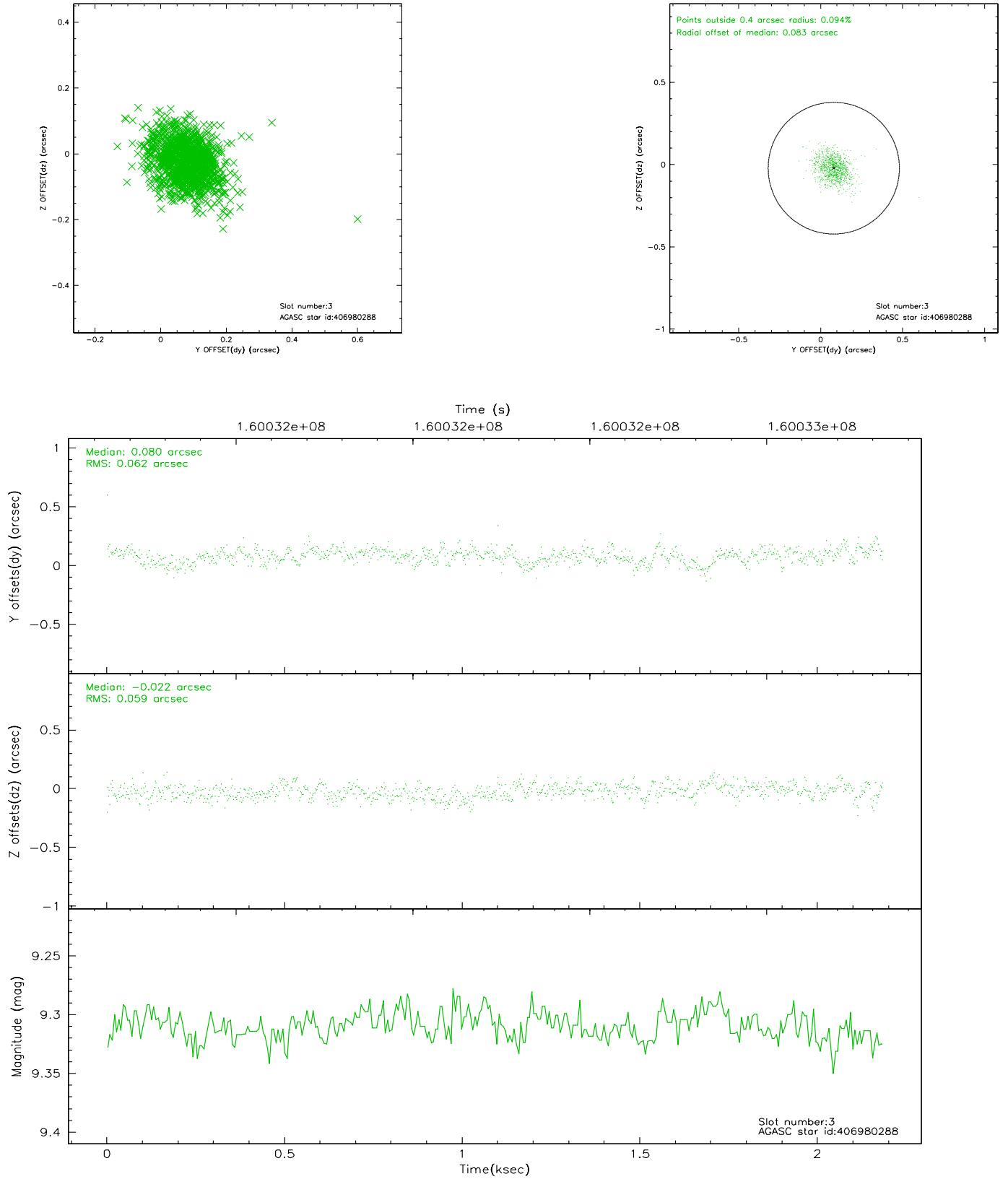


Slot Statistics

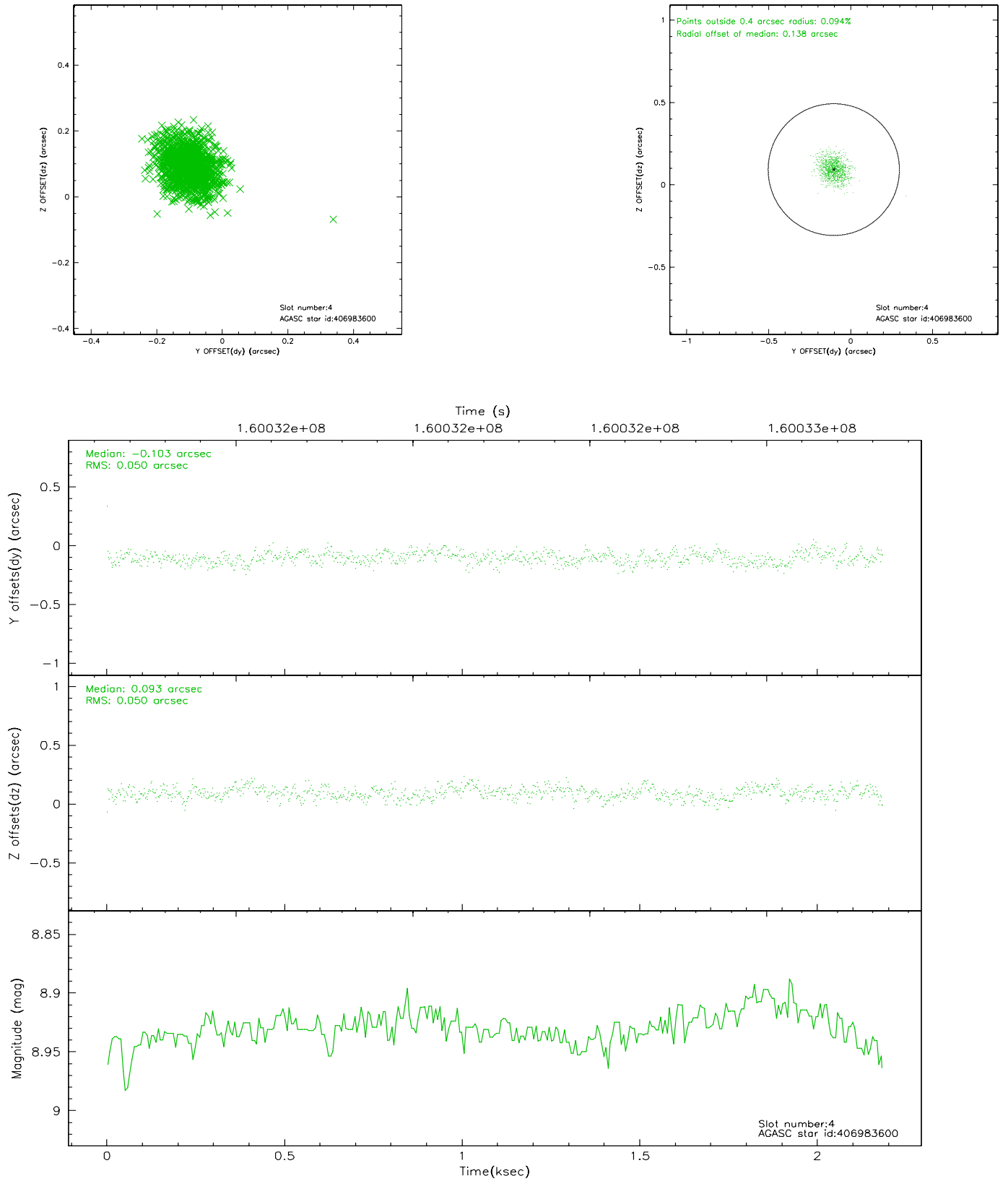
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	533	0.162	-0.170	0.007	0.011	0.000000	0.000000	-1157.15	-458.19
1	FID	HRC-S-2	7.02	533	0.088	-0.096	0.004	0.008	0.000000	0.000000	1240.29	-451.62
2	FID	HRC-S-3	7.05	533	0.140	-0.035	0.006	0.011	0.000000	0.000000	-1157.56	570.63
3	GUIDE	406980288	9.31	1066	0.080	-0.022	0.086	0.142	278.903147	39.061646	-188.78	1396.36
4	GUIDE	406983600	8.93	1066	-0.103	0.093	0.073	0.119	279.940957	39.020708	2200.96	-254.11
5	GUIDE	406990192	8.99	1065	0.065	-0.105	0.072	0.114	278.510952	38.533654	-2131.05	372.63
6	GUIDE	407521232	8.66	1066	-0.019	-0.047	0.066	0.101	279.628883	39.431715	2230.01	1461.58
7	GUIDE	406993992	7.63	1065	-0.022	0.085	0.074	0.113	279.053714	38.034587	-1787.41	-1962.95

2.4 Star Slots

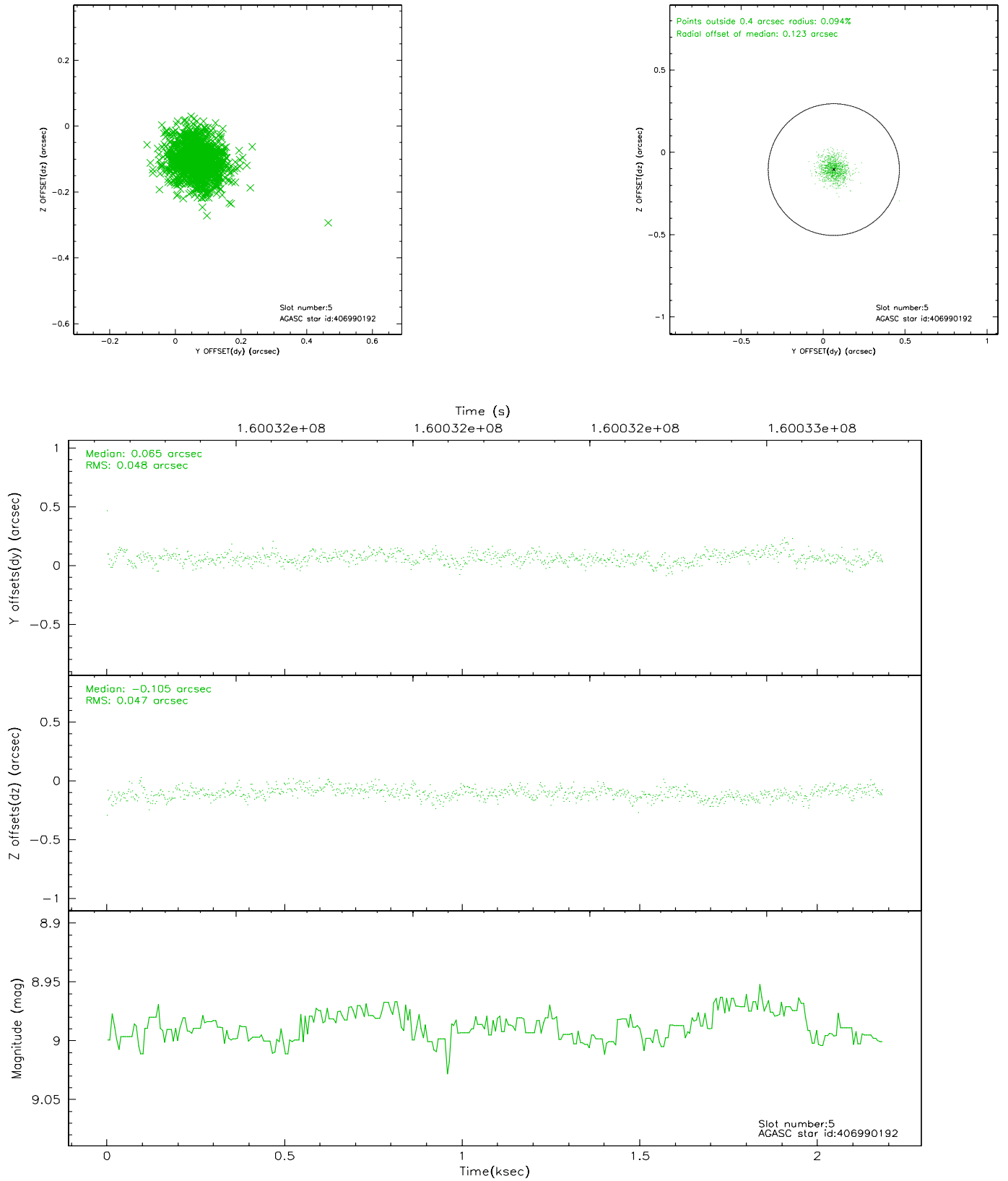
2.4.1 Slot 3



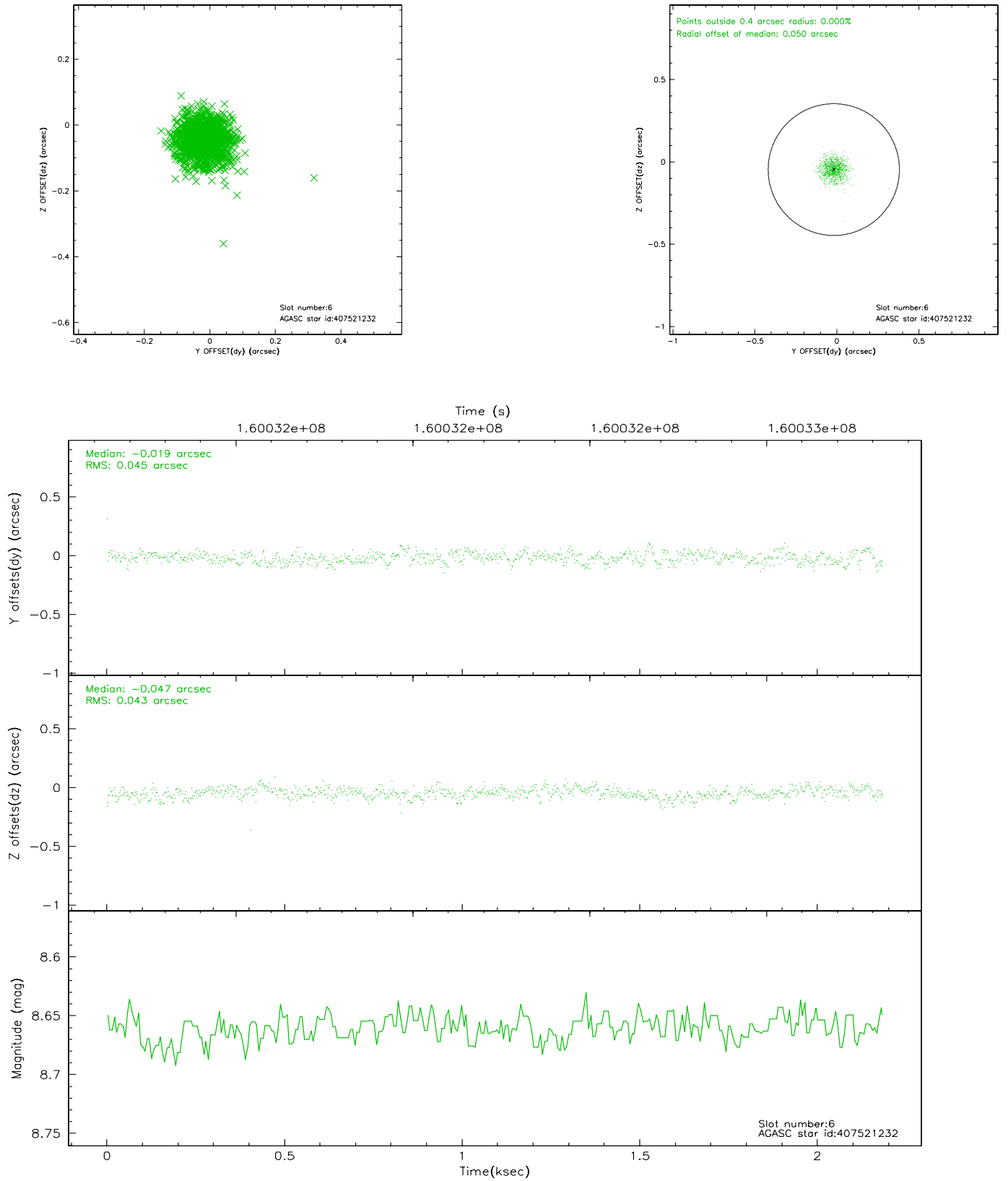
2.4.2 Slot 4



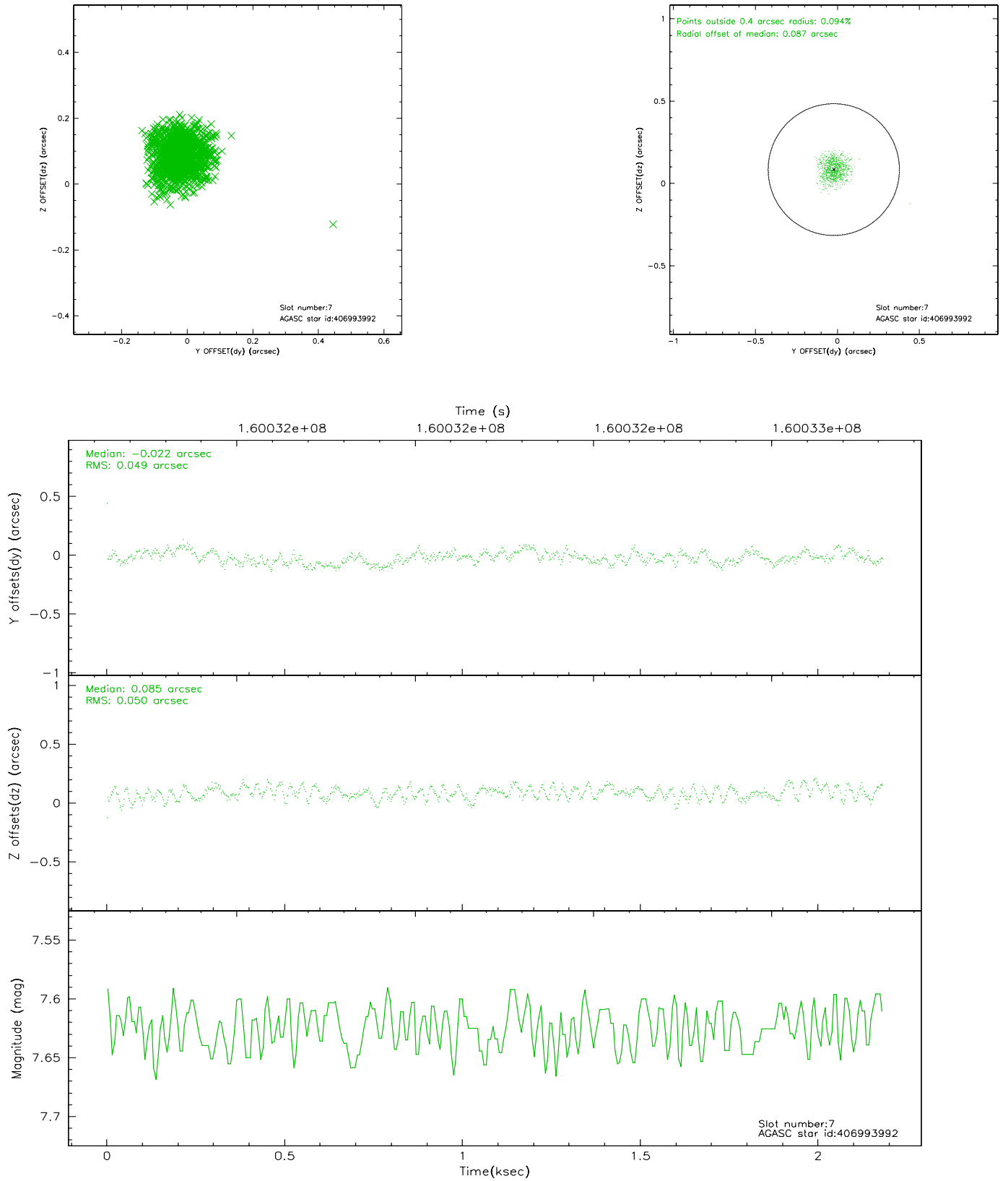
2.4.3 Slot 5



2.4.4 Slot 6

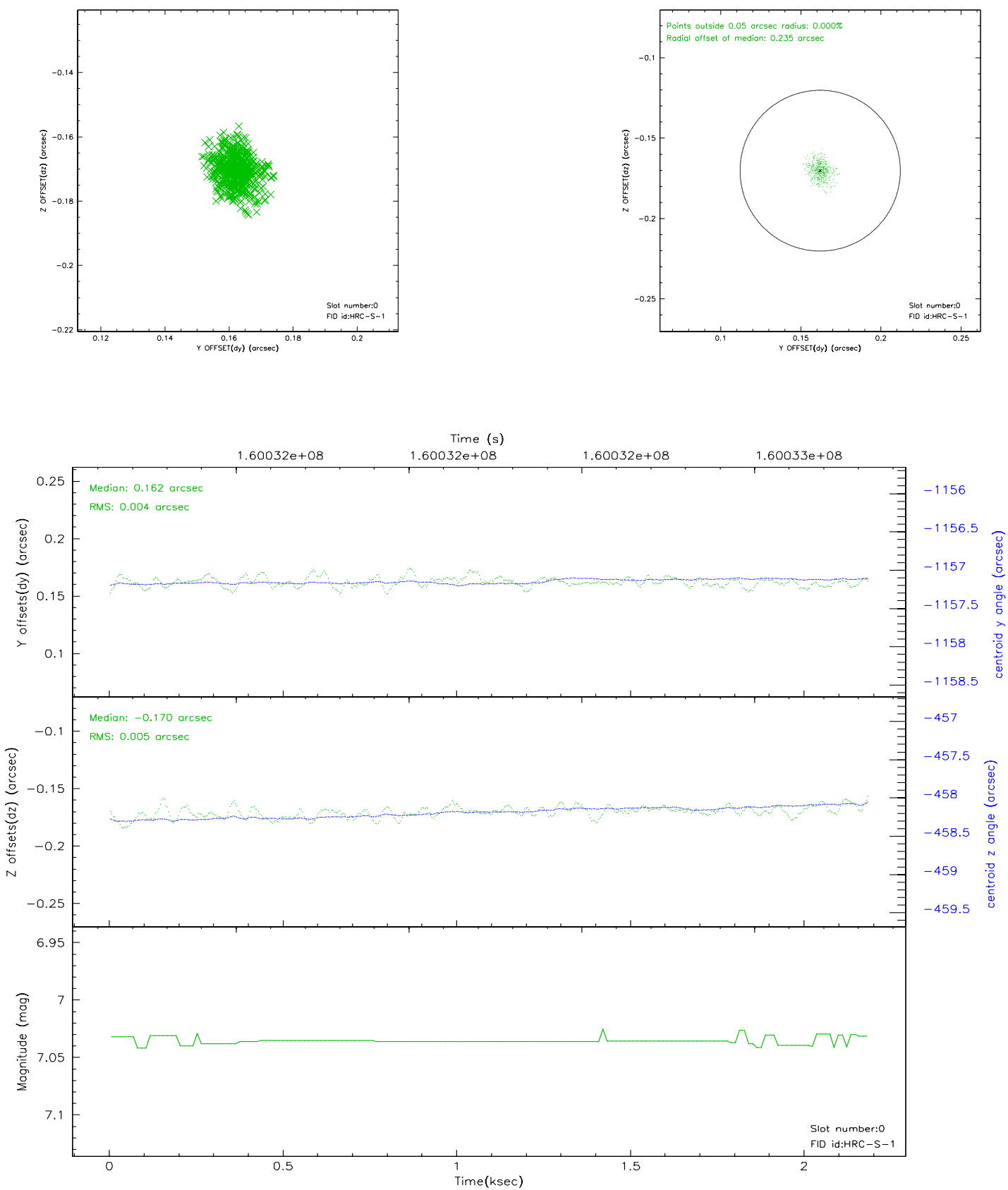


2.4.5 Slot 7

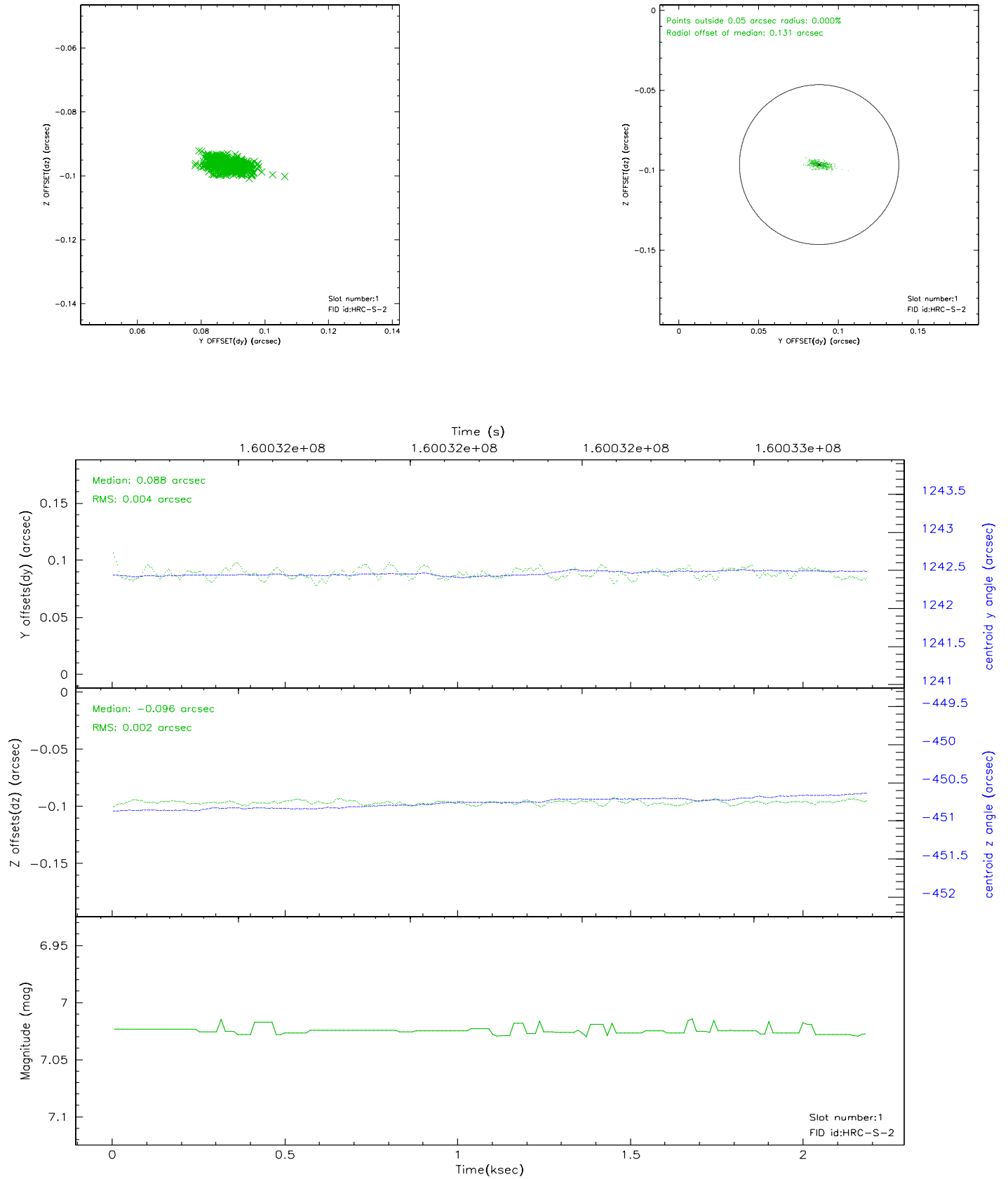


2.5 FID Slots

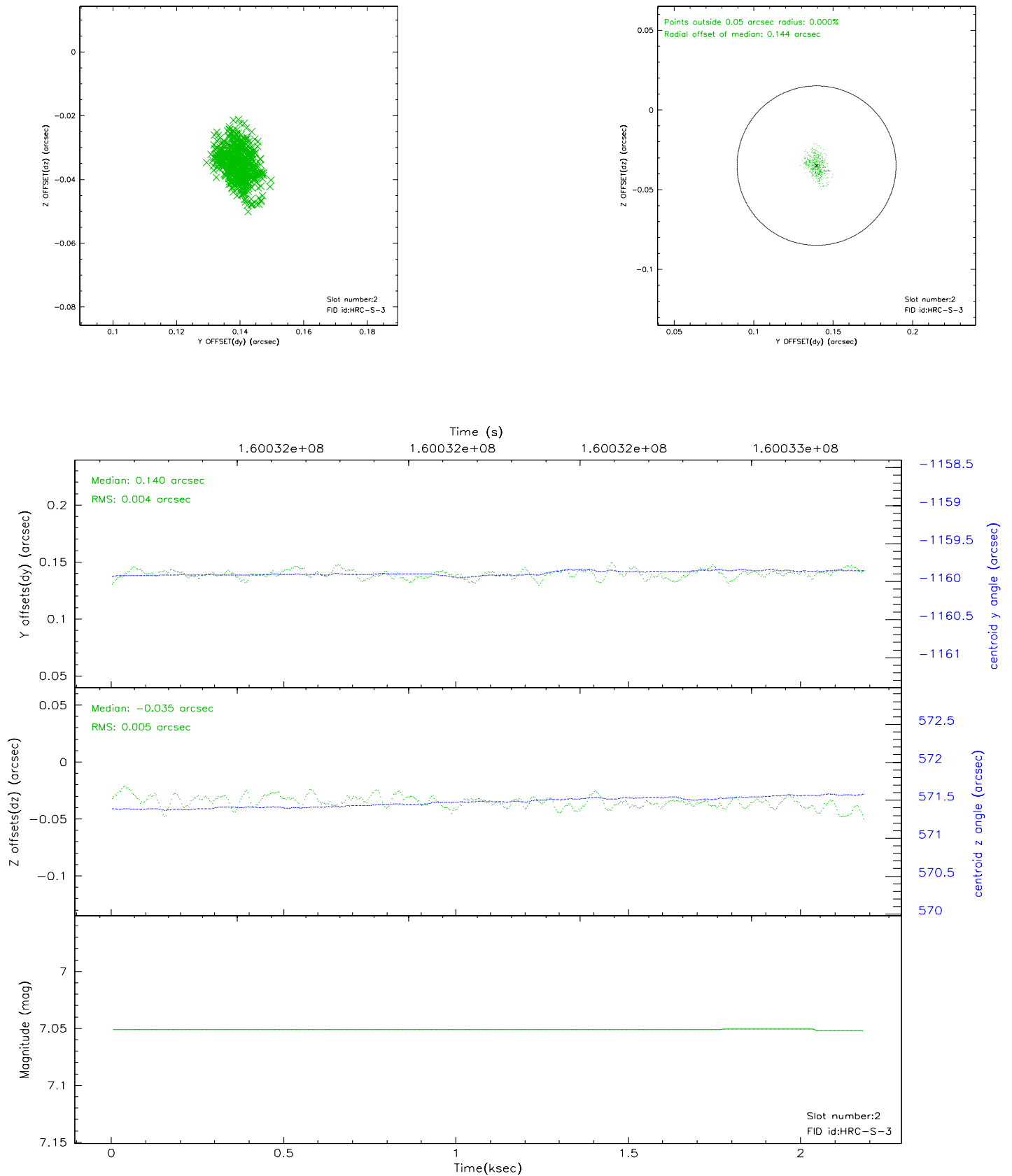
2.5.1 Slot 0



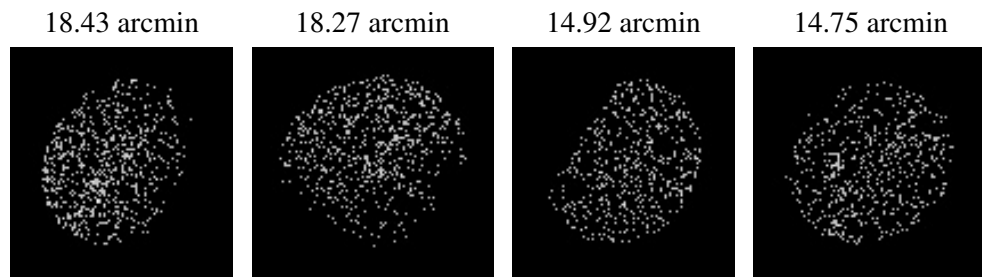
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.845

A.2 Comments

Window constraint satisfied.