

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6001 - L2 Version 002
Chandra X-Ray Center

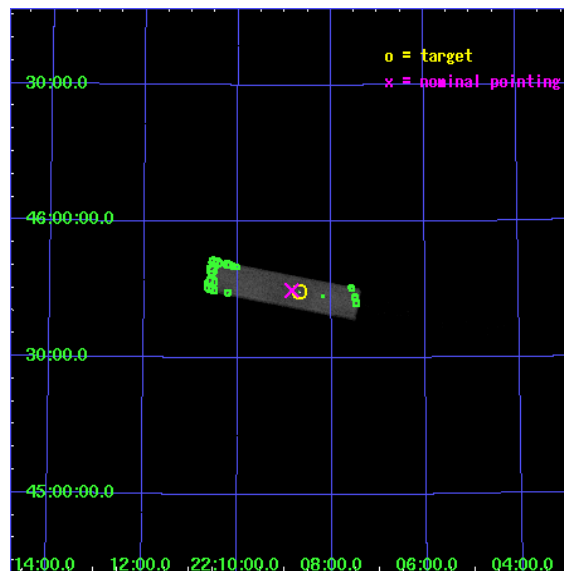
L2 Processing Date : Mar 23 2006

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

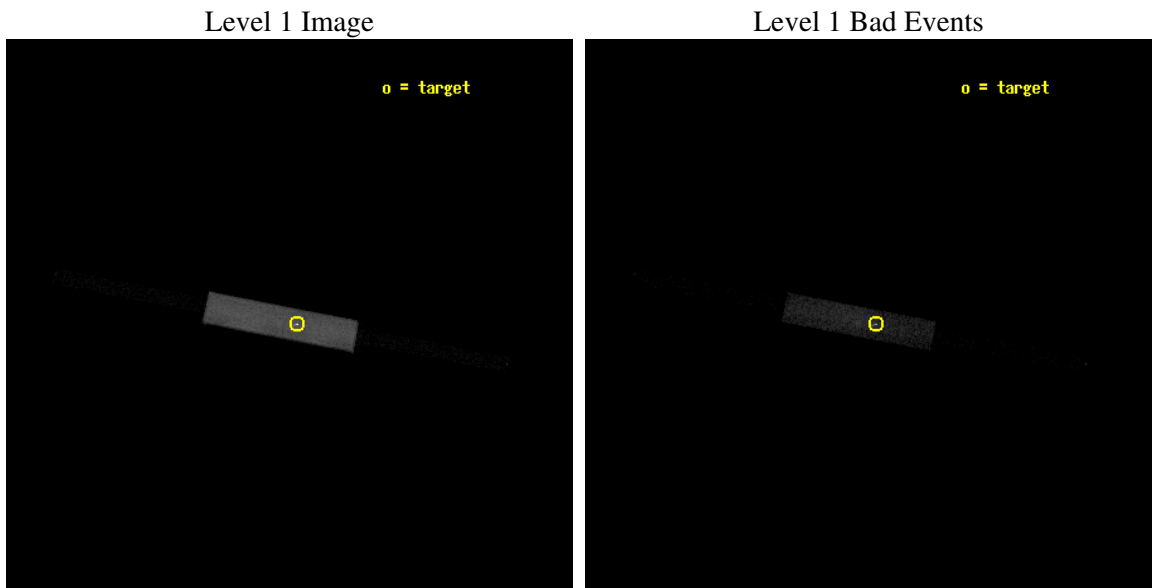
seq_num	290493
obs_id	6001
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21065682736
dec_nom	45.748873516462
roll_nom	190.84697397732
revision	2
ontime	1157.4813031554
livetime	1145.8026270011
l2events	82704



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-23T14:40:25
revision	2

sched_exp_time	1000.000000
ontime	1186.1813044548
l1events	127109

2.1.3 Events

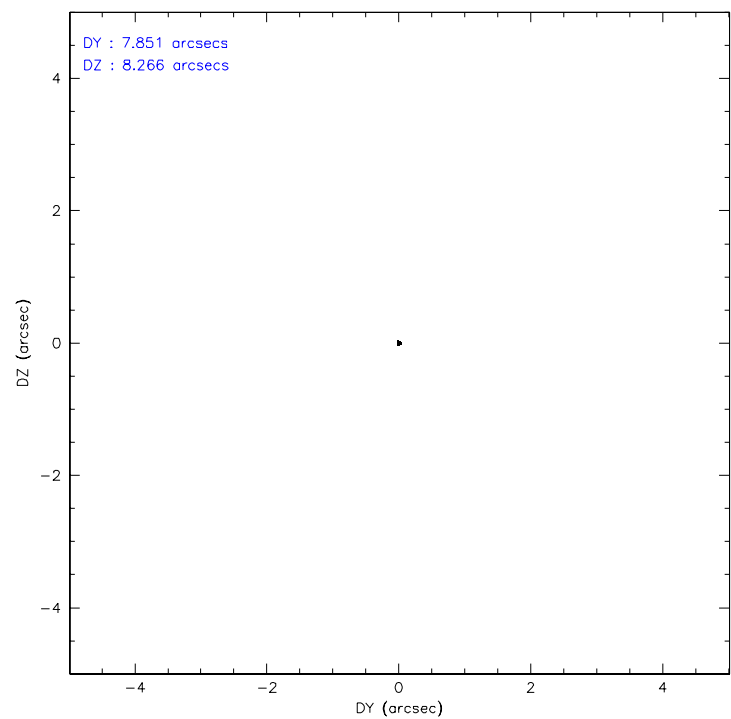
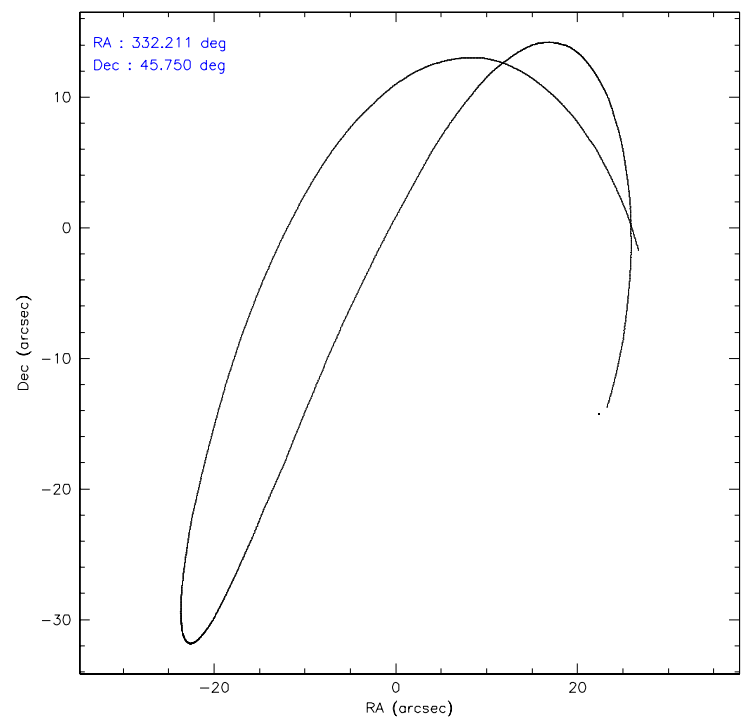
Level 1 Events

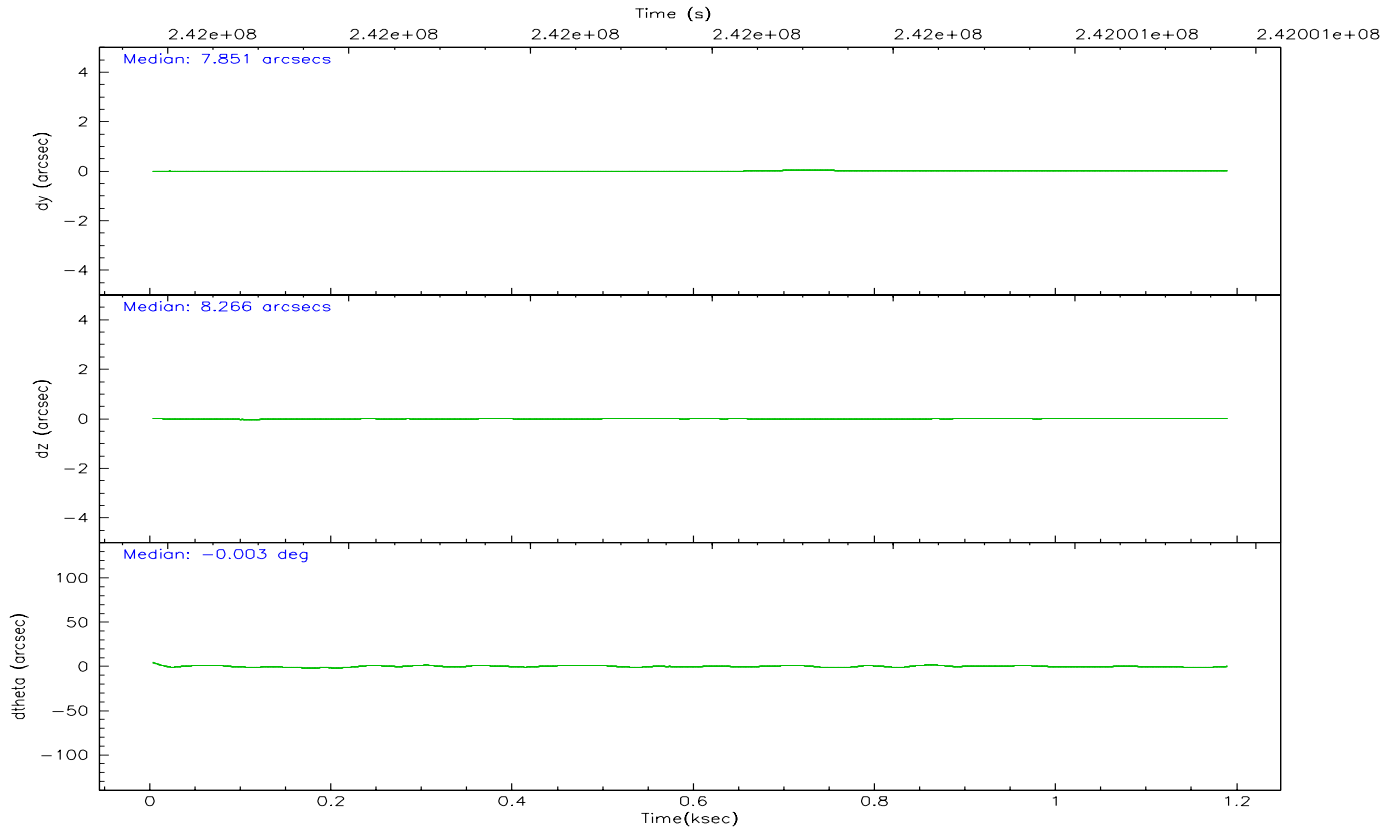
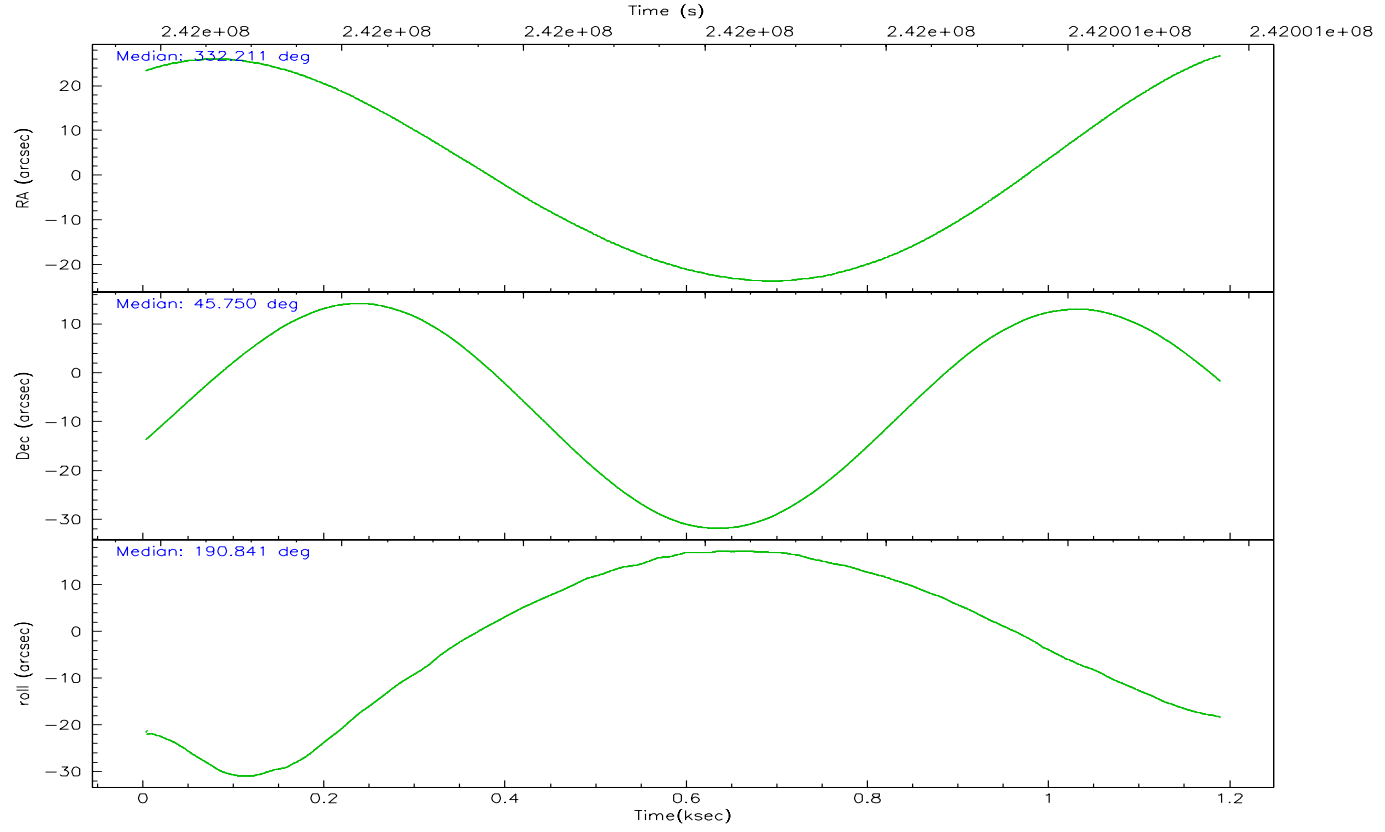
	segment 1	segment 2	segment 3
level 1 events	1129	124869	1111
rejected events	1129	37956	1085
rejected %	100%	30%	97%

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	332.239951	332.2106568273563			
Pointing Dec	45.767552	45.74887351646194			
Pointing Roll	190.758685	190.8469739773223			
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	241999774.184000	241999398.6335			
Observation start date	2005-09-01T22:08:30	2005-09-01T22:03:18			
Observation end time	242000774.184000	242000908.45857			
Observation end date	2005-09-01T22:25:10	2005-09-01T22:28:28			

2.3 Aspect



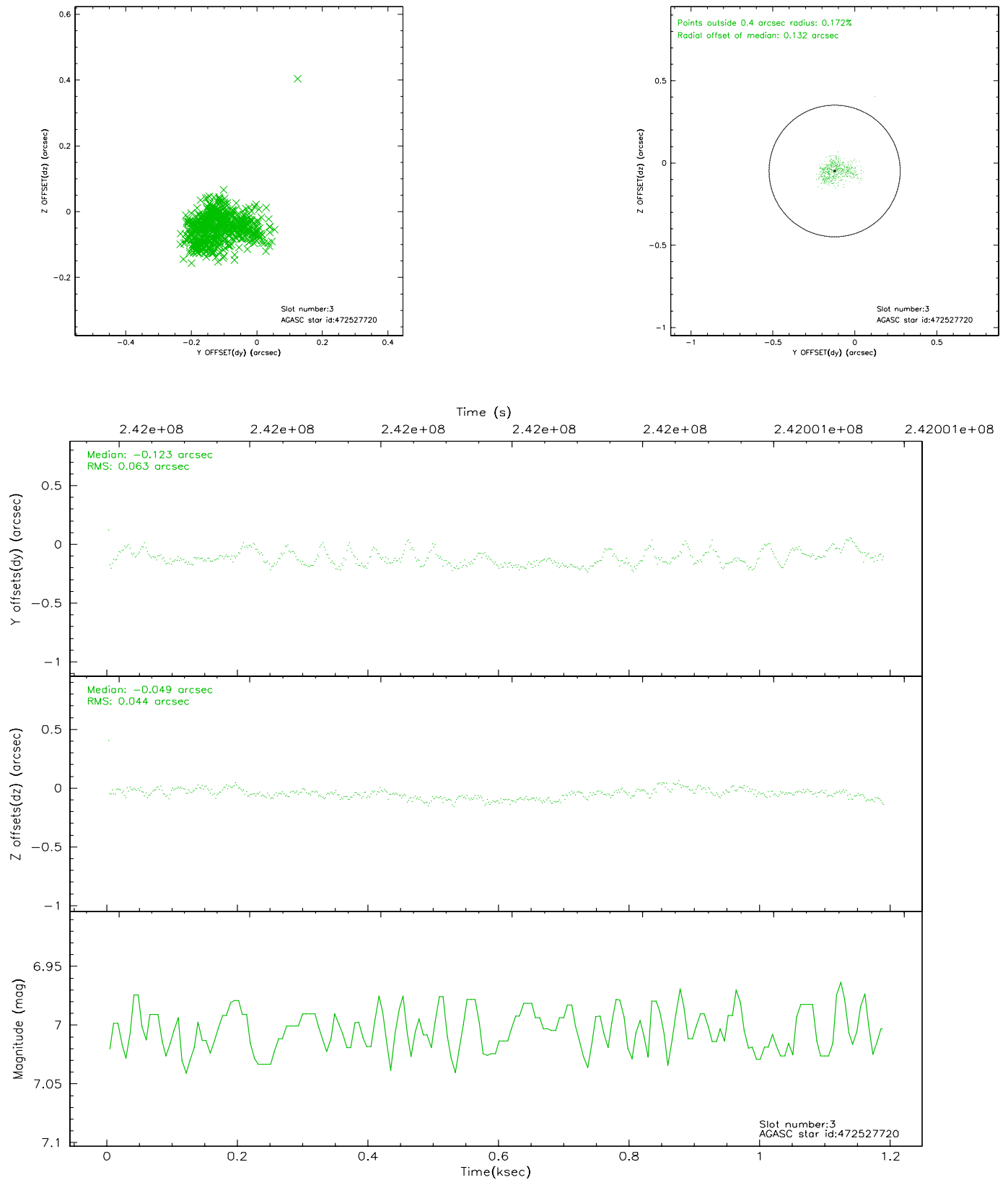


Slot Statistics

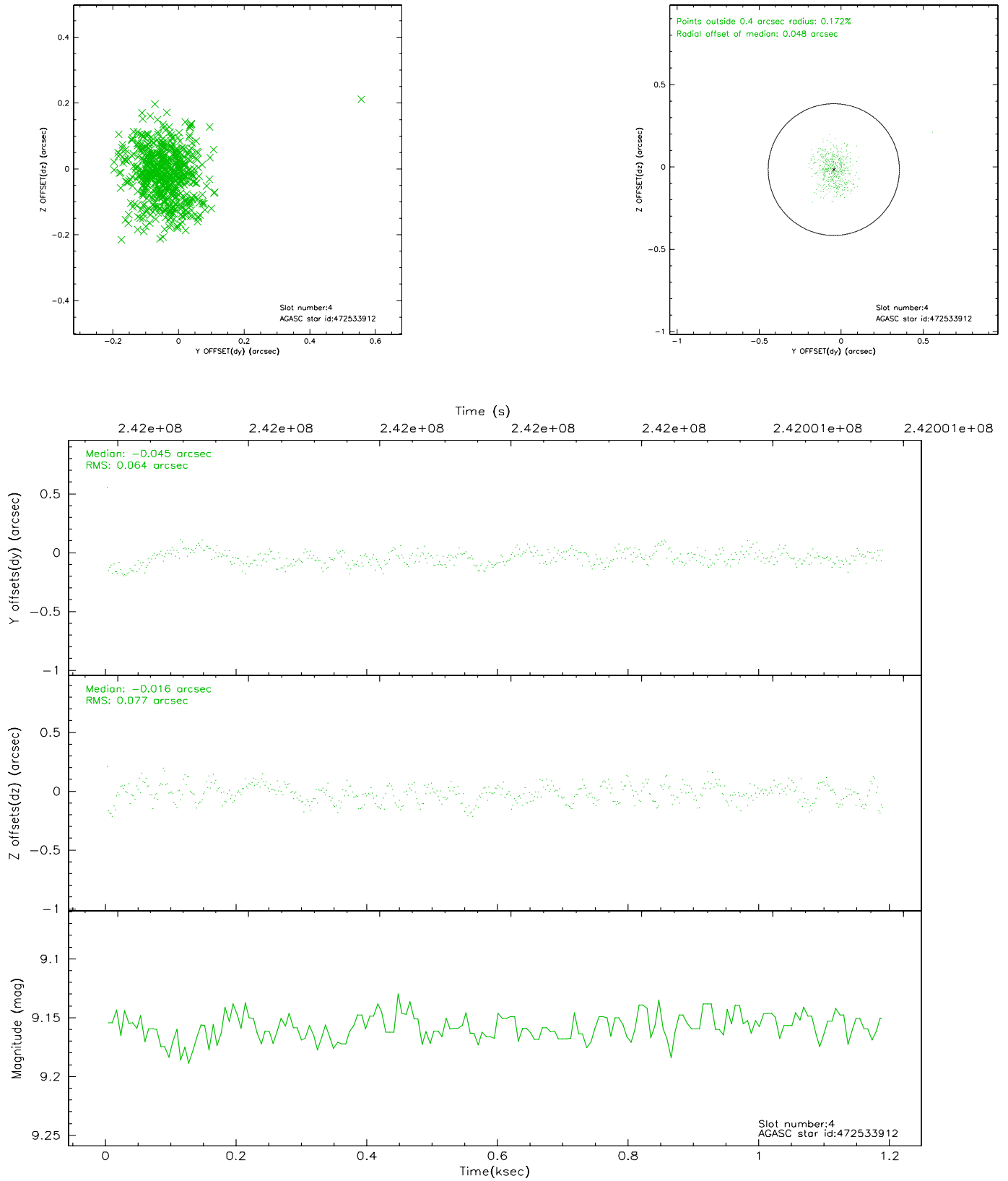
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	290	0.077	-0.141	0.005	0.008	0.000000	0.000000	-1162.09	-456.87
1	FID	HRC-S-2	7.04	290	0.102	-0.088	0.009	0.015	0.000000	0.000000	1233.61	-451.06
2	FID	HRC-S-4	7.02	290	0.225	-0.075	0.008	0.014	0.000000	0.000000	1240.58	573.70
3	GUIDE	472527720	7.00	580	-0.123	-0.049	0.078	0.127	331.460205	45.112509	2386.09	1941.62
4	GUIDE	472533912	9.16	580	-0.045	-0.016	0.106	0.166	331.791136	46.368695	696.89	-2330.04
5	GUIDE	472535576	7.86	580	-0.156	0.069	0.069	0.113	331.438373	46.291802	1607.88	-2236.15
6	GUIDE	472655152	9.44	580	0.134	0.025	0.105	0.181	332.504239	45.862991	-710.58	-214.96
7	GUIDE	472665256	9.00	579	0.181	-0.015	0.080	0.128	332.808125	46.195041	-1678.37	-1249.34

2.4 Star Slots

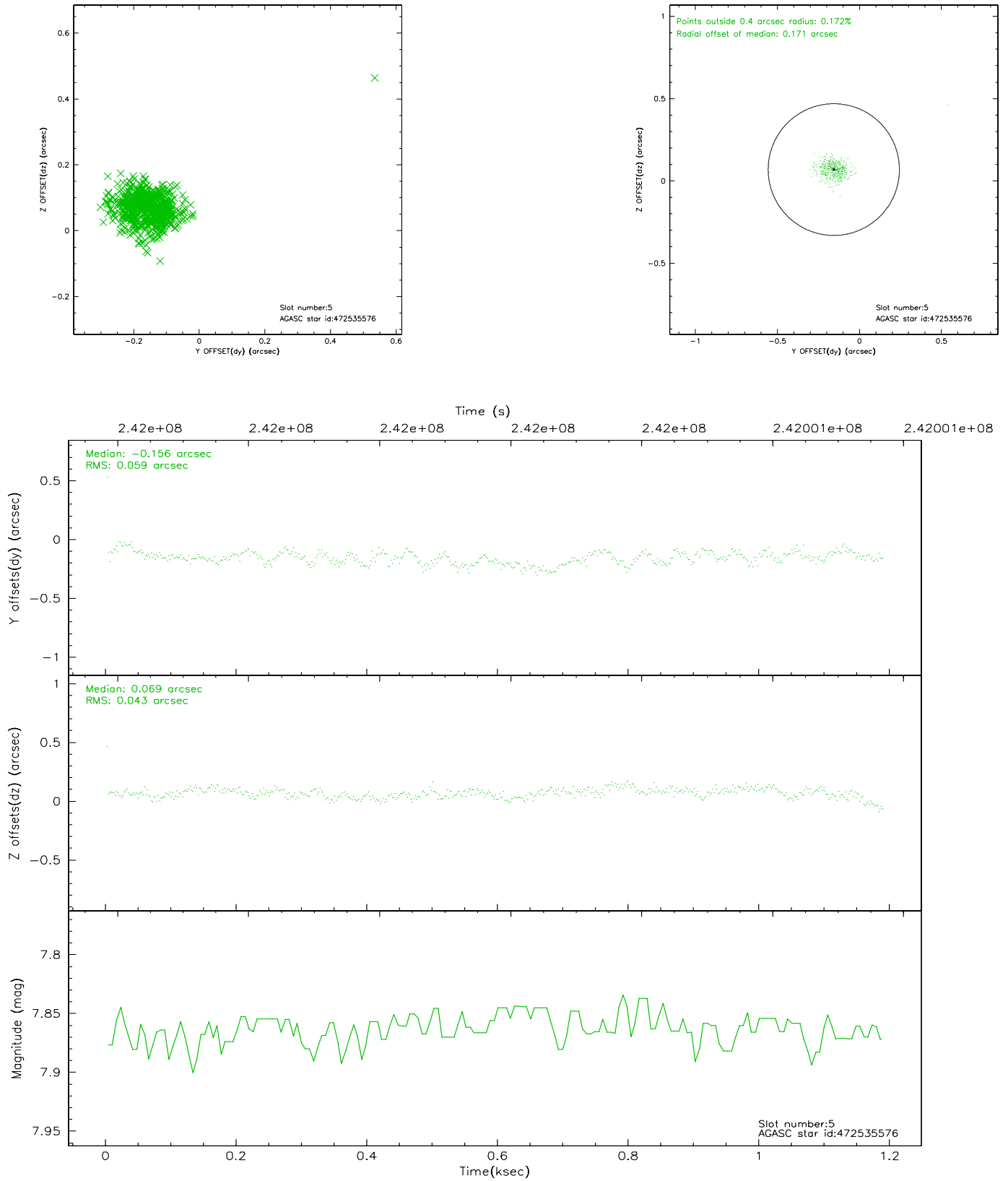
2.4.1 Slot 3



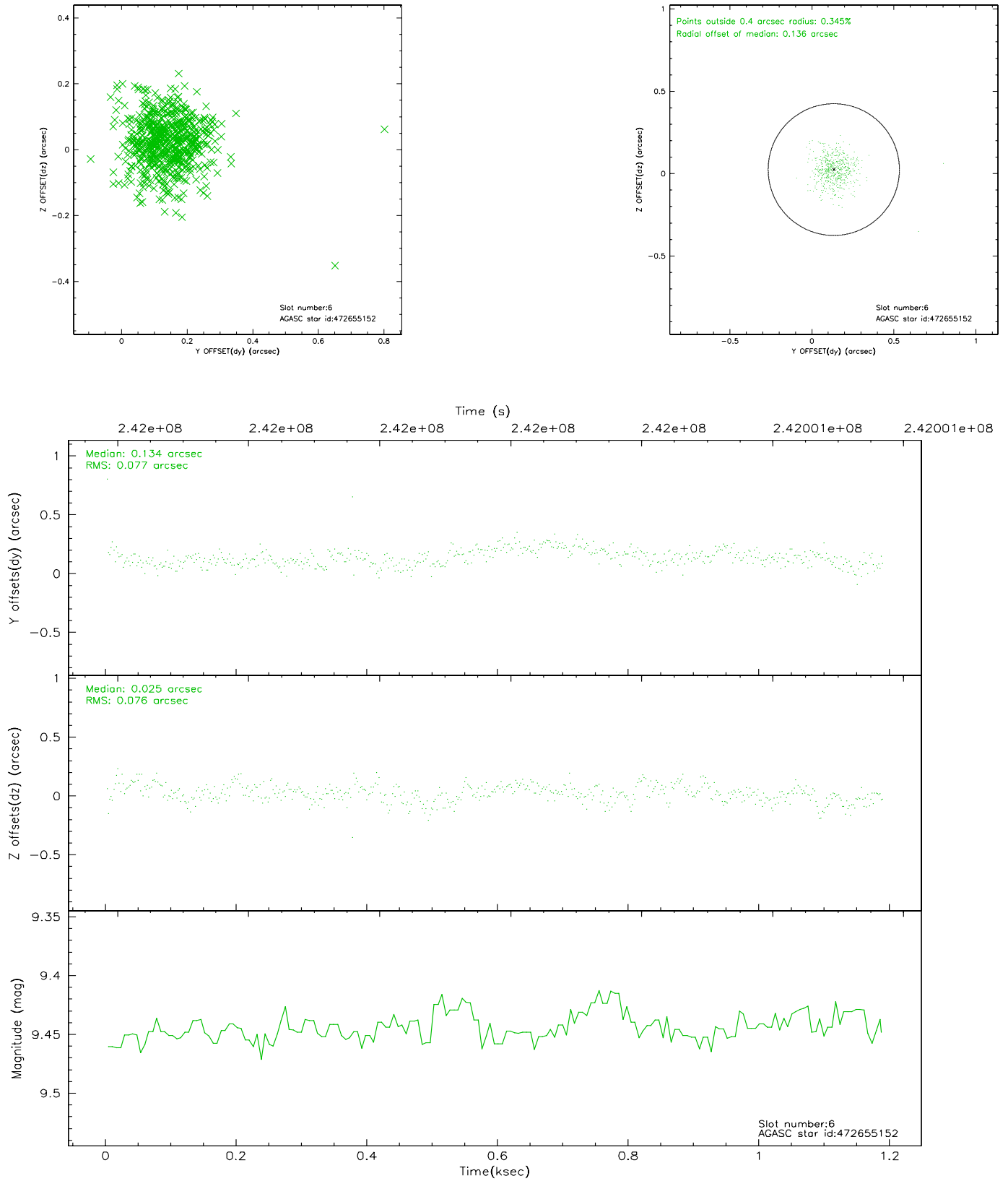
2.4.2 Slot 4



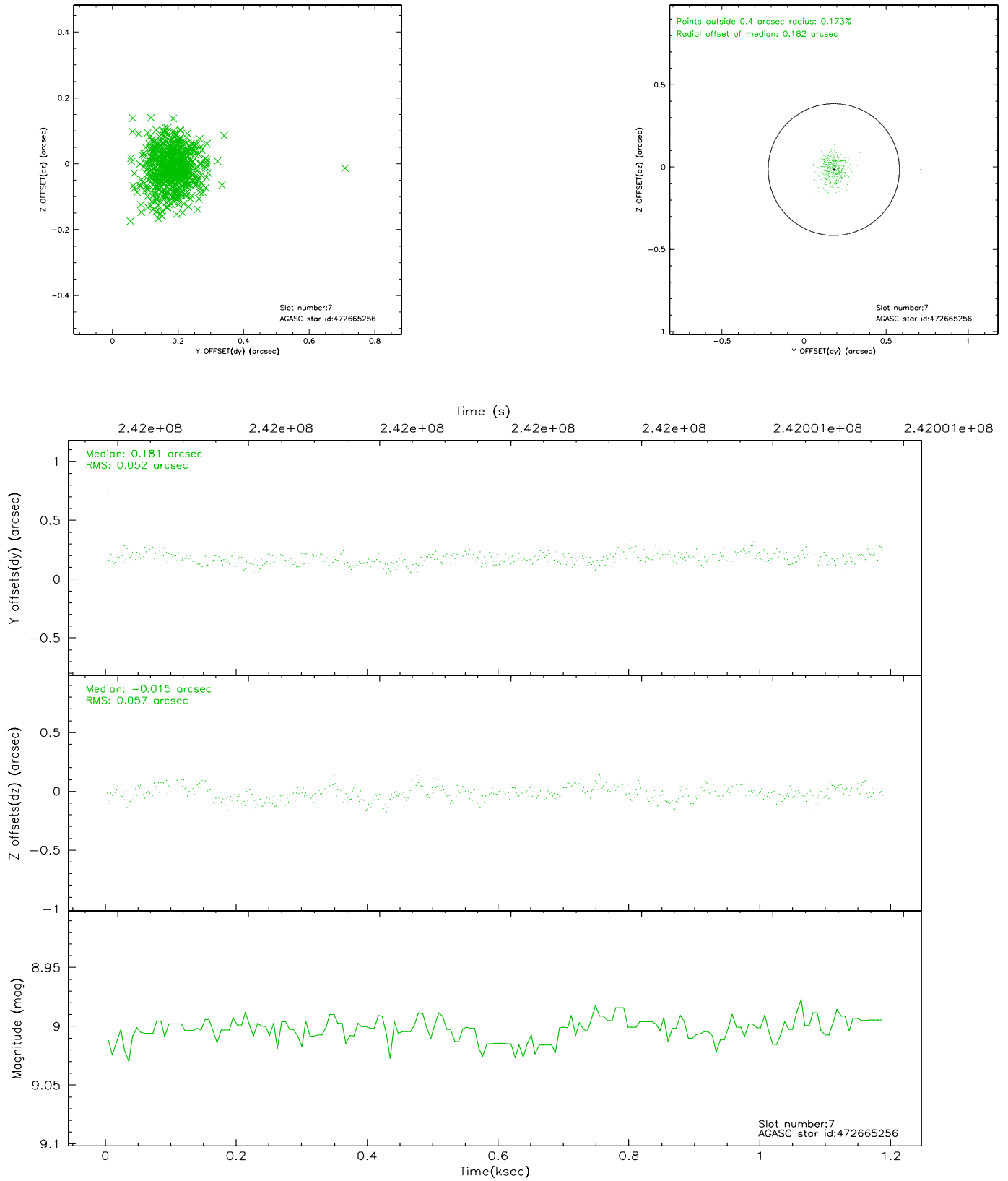
2.4.3 Slot 5



2.4.4 Slot 6

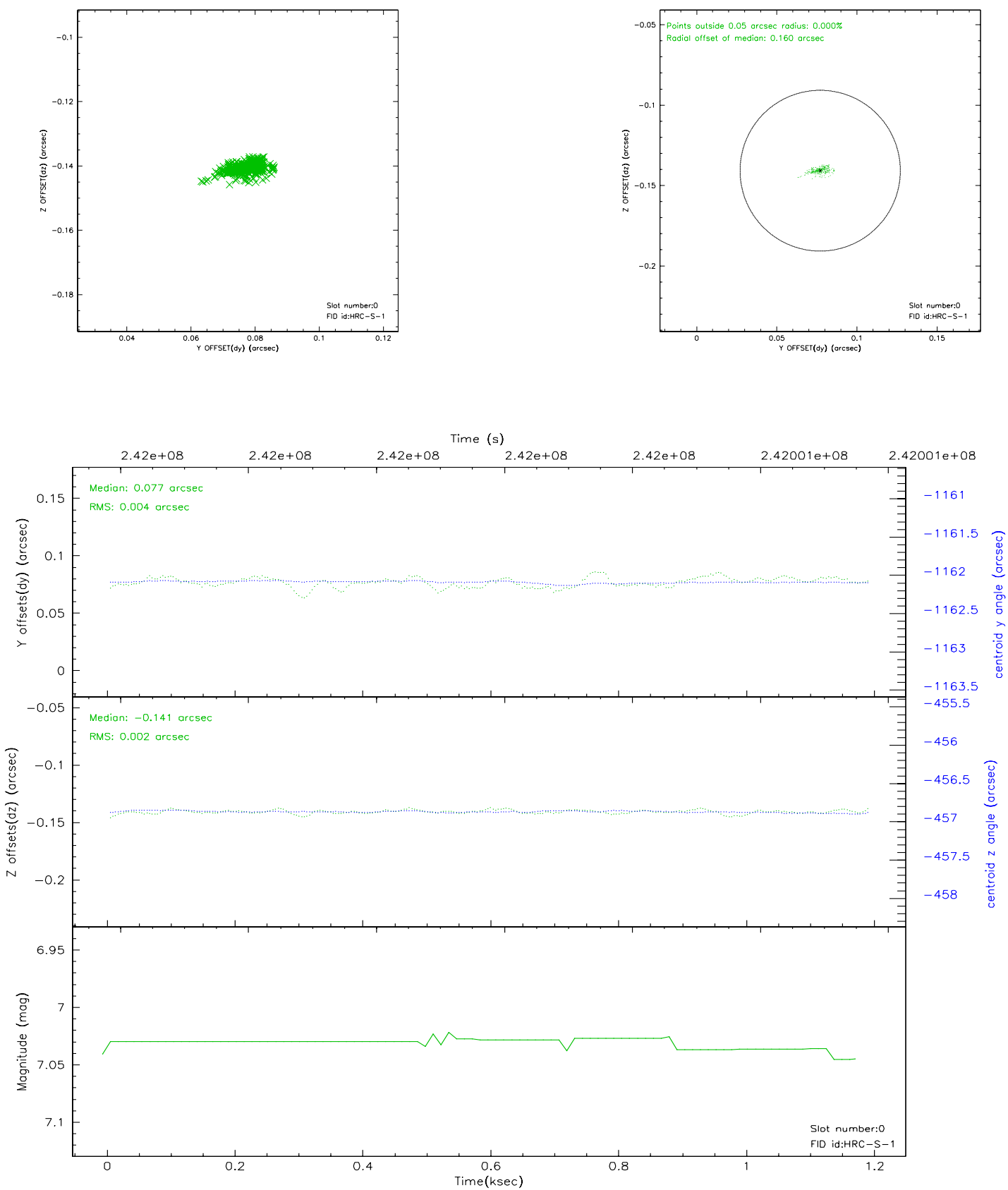


2.4.5 Slot 7

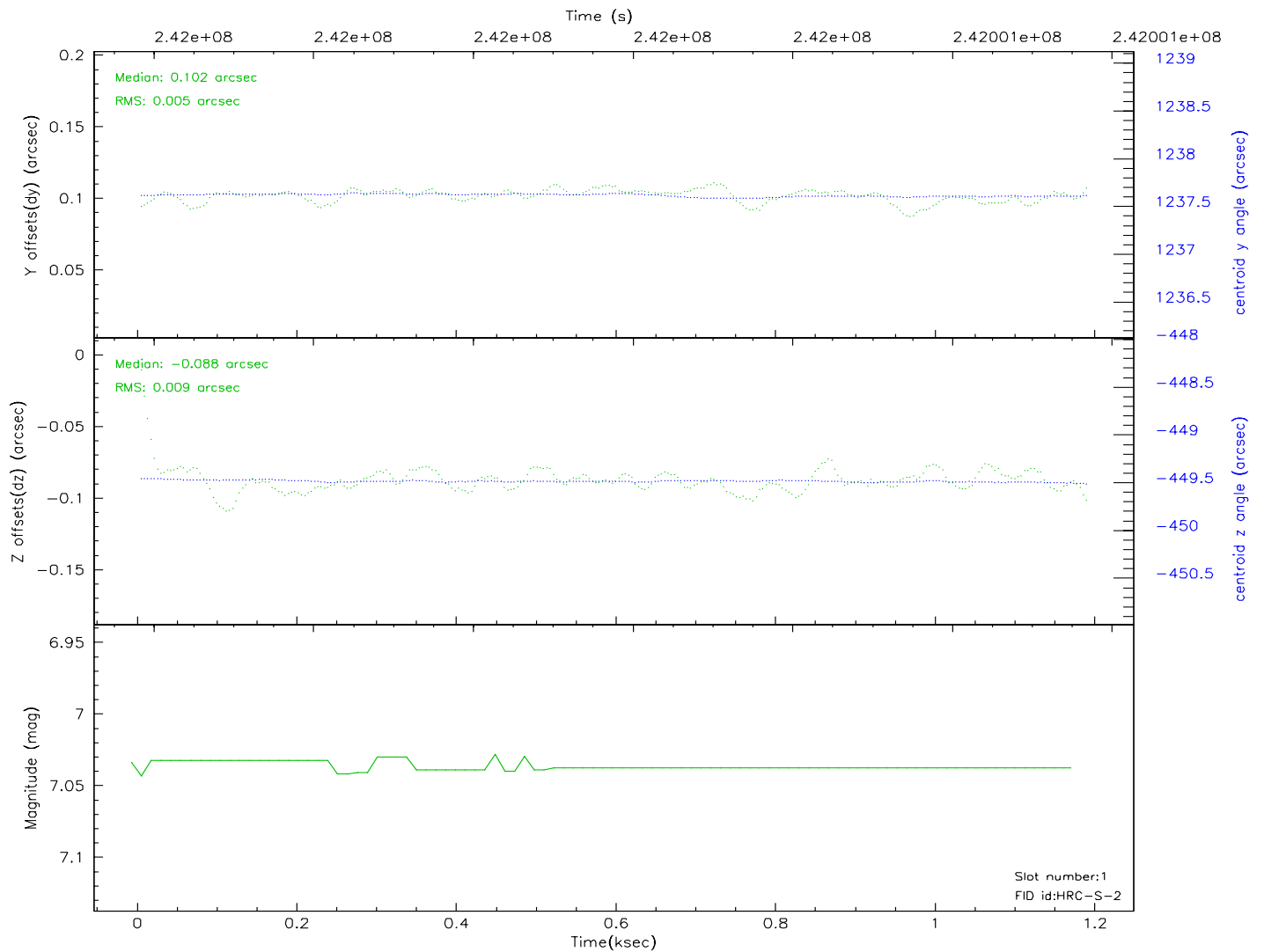
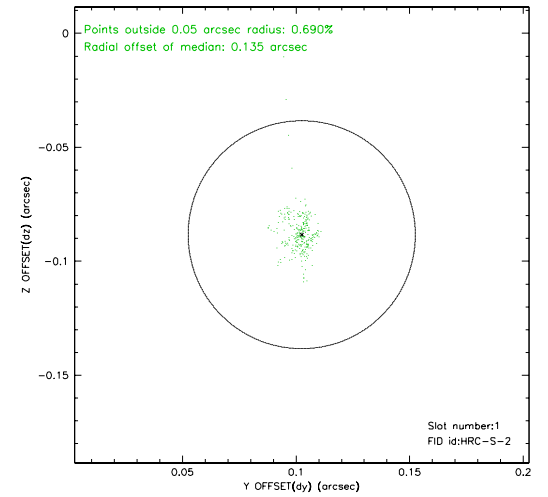
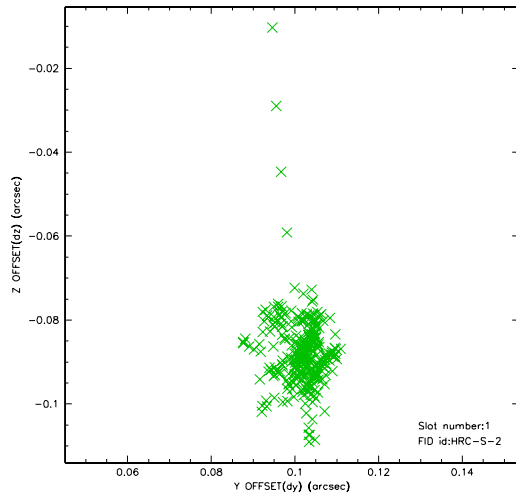


2.5 FID Slots

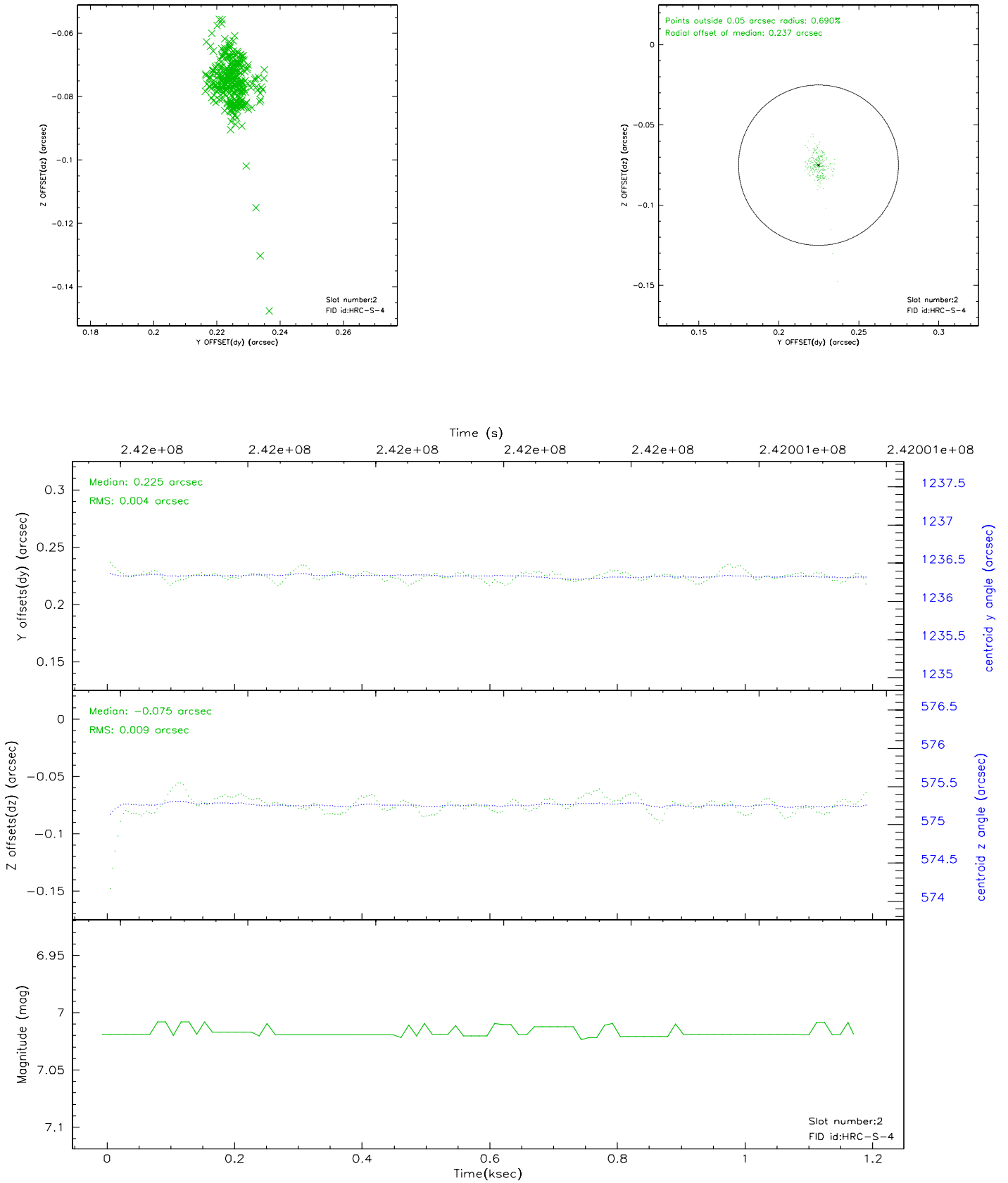
2.5.1 Slot 0



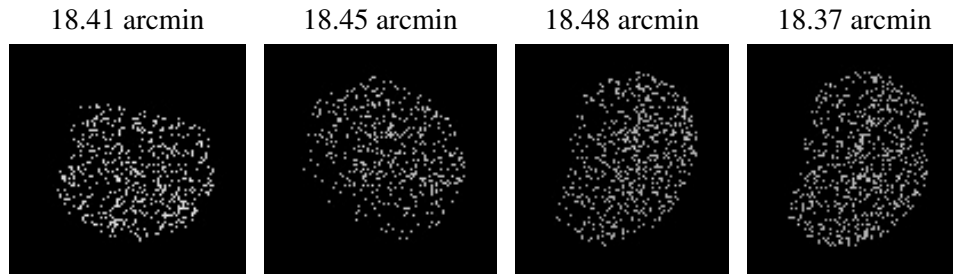
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments