

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2653 - L2 Version 001
Chandra X-Ray Center

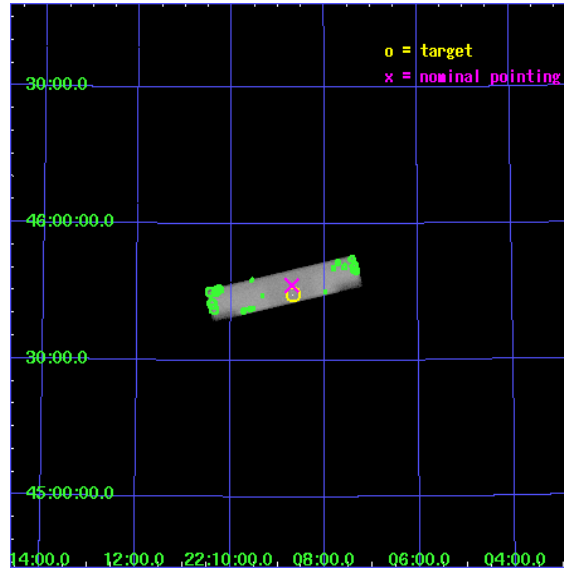
L2 Processing Date : Sep 30 2006

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

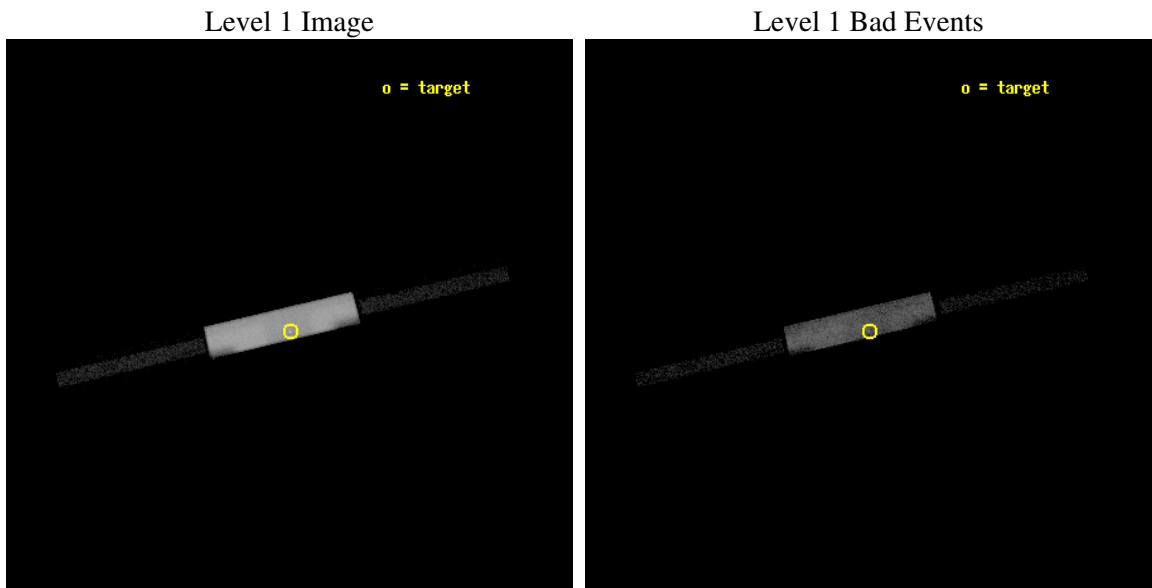
seq_num	290209
obs_id	2653
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17445394574
dec_nom	45.775761297005
roll_nom	166.74905525639
revision	2
ontime	1143.1312970519
livetime	211.17329210279
l2events	199197



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-30T12:33:35
revision	2

sched_exp_time	1000.000000
ontime	1189.2562989295
l1events	277830

2.1.3 Events

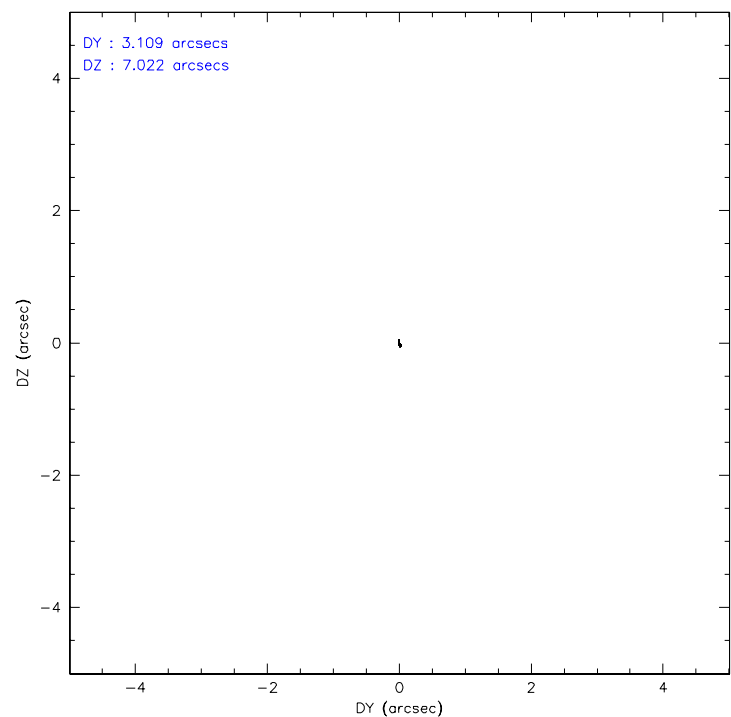
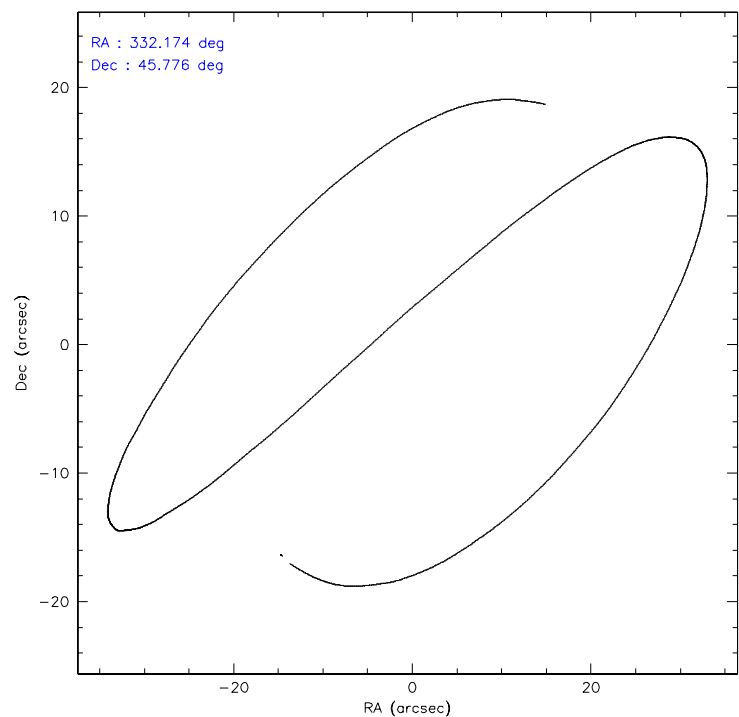
Level 1 Events

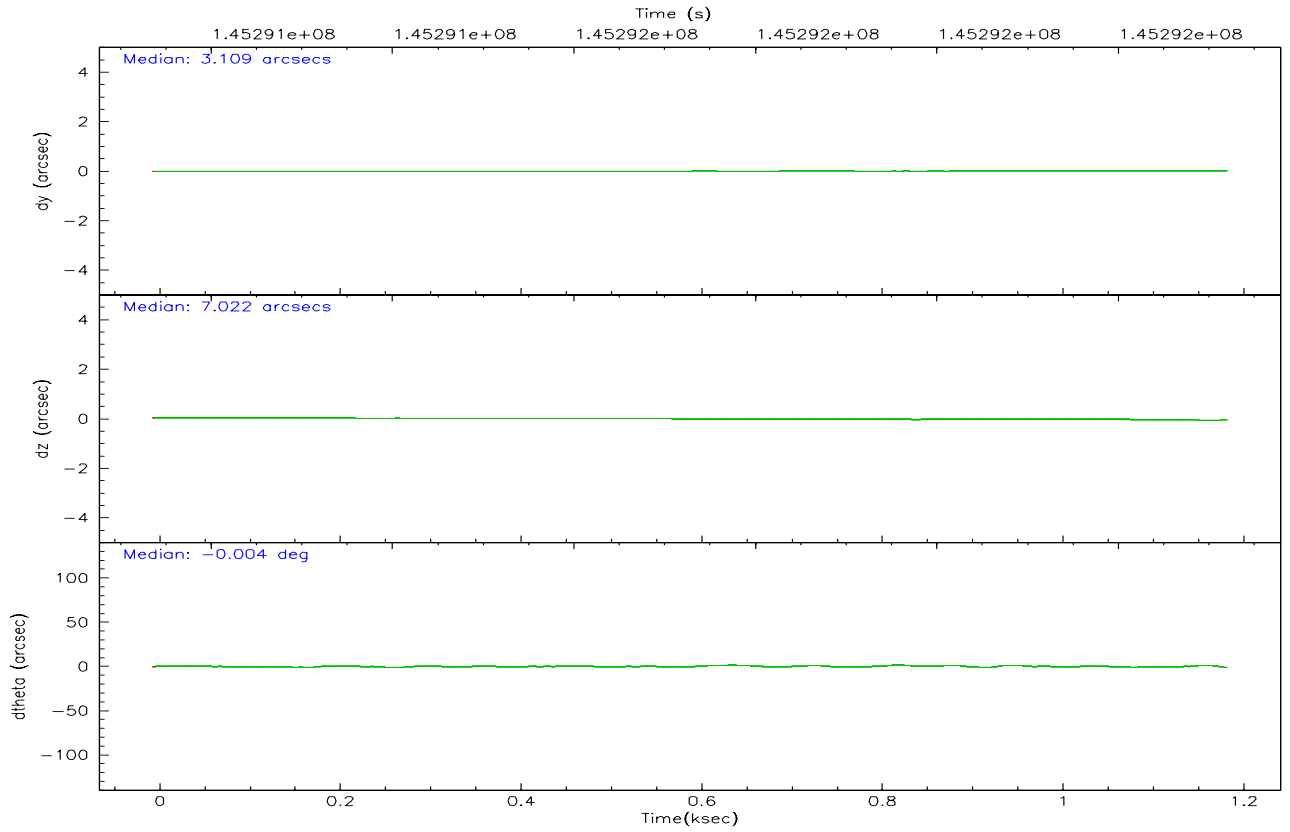
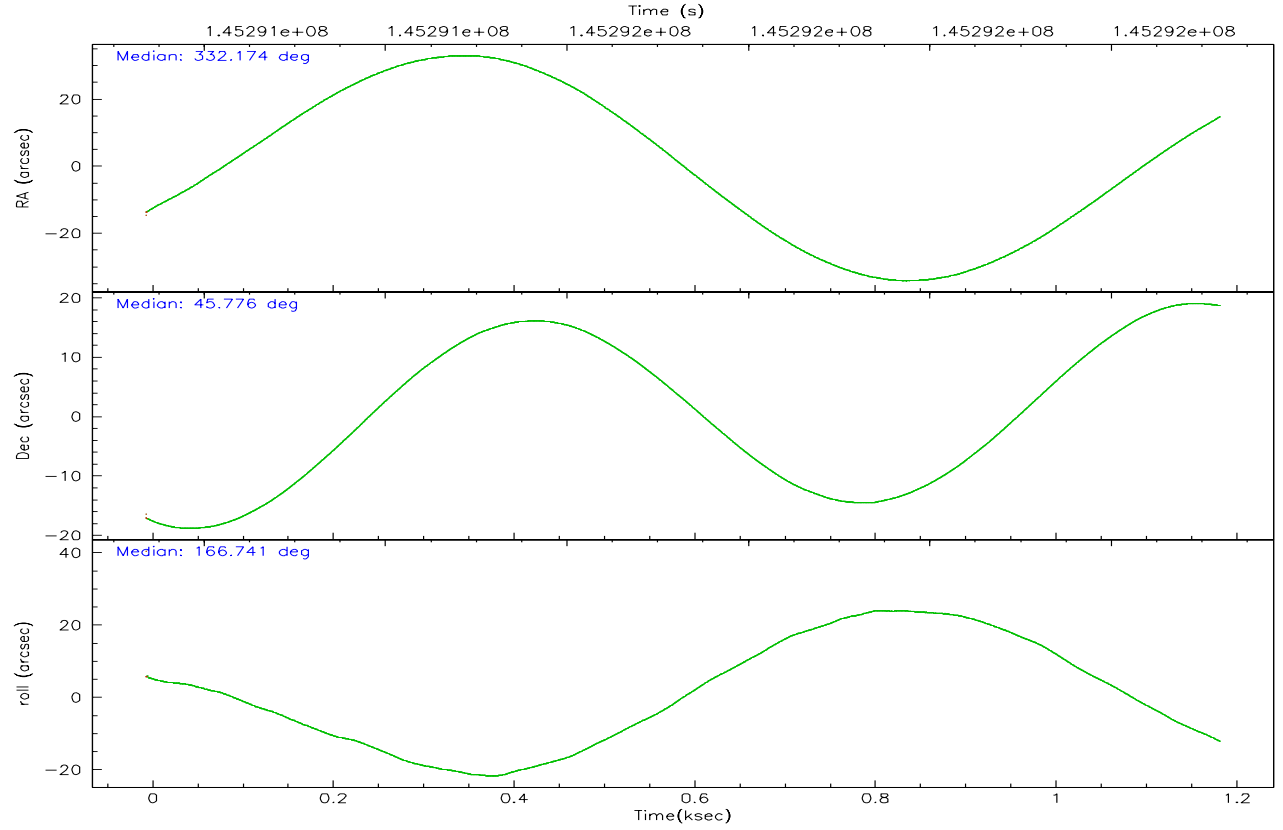
	segment 1	segment 2	segment 3
level 1 events	3329	271799	2702
rejected events	3329	68698	2702
rejected %	100%	25%	100%

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	332.213155	332.1744539457402			
Pointing Dec	45.785530	45.77576129700451			
Pointing Roll	166.653974	166.7490552563854			
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	145291318.184000	145290941.66209			
Observation start date	2002-08-09T14:40:54	2002-08-09T14:35:41			
Observation end time	145292318.184000	145292452.51215			
Observation end date	2002-08-09T14:57:34	2002-08-09T15:00:52			

2.3 Aspect



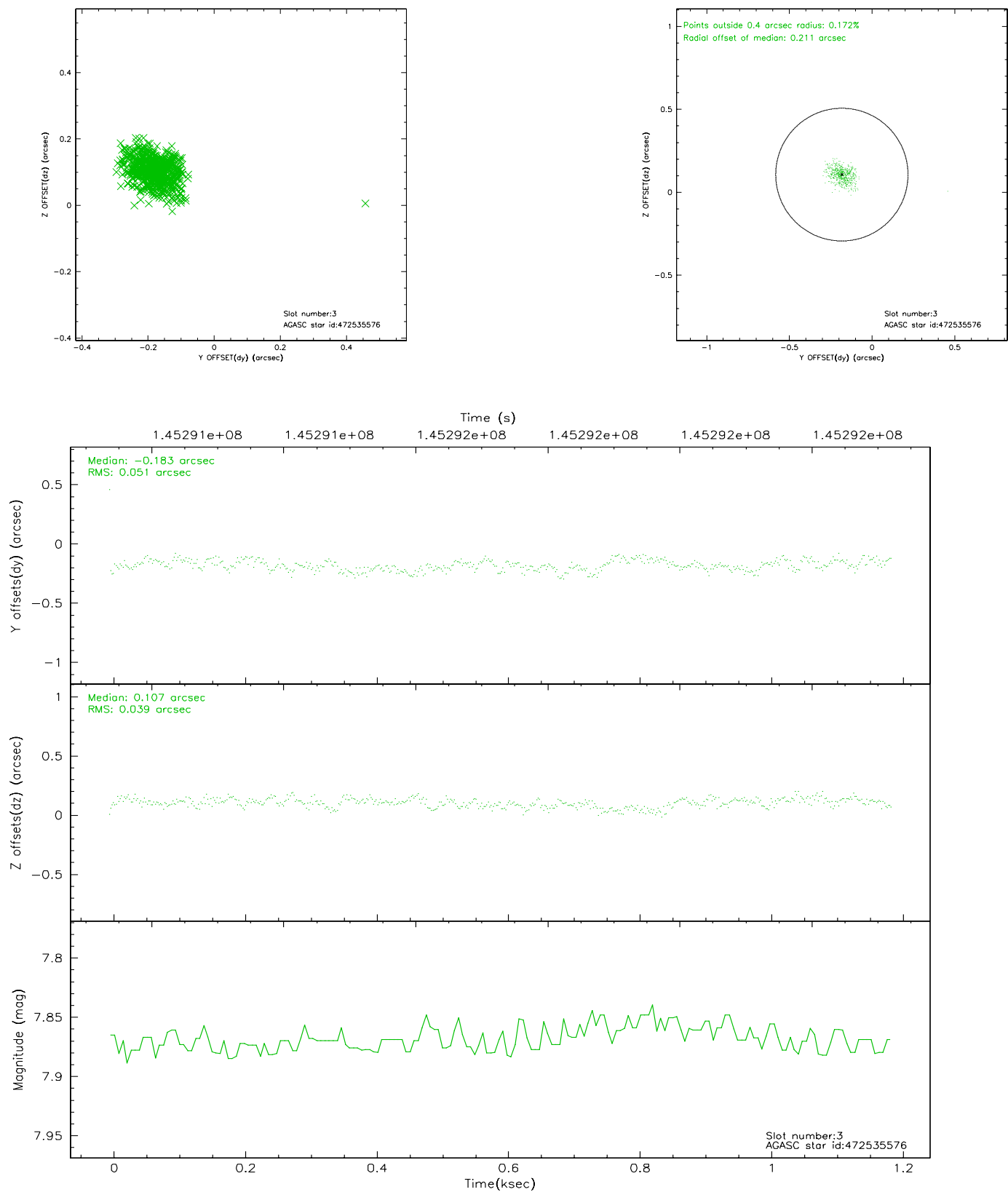


Slot Statistics

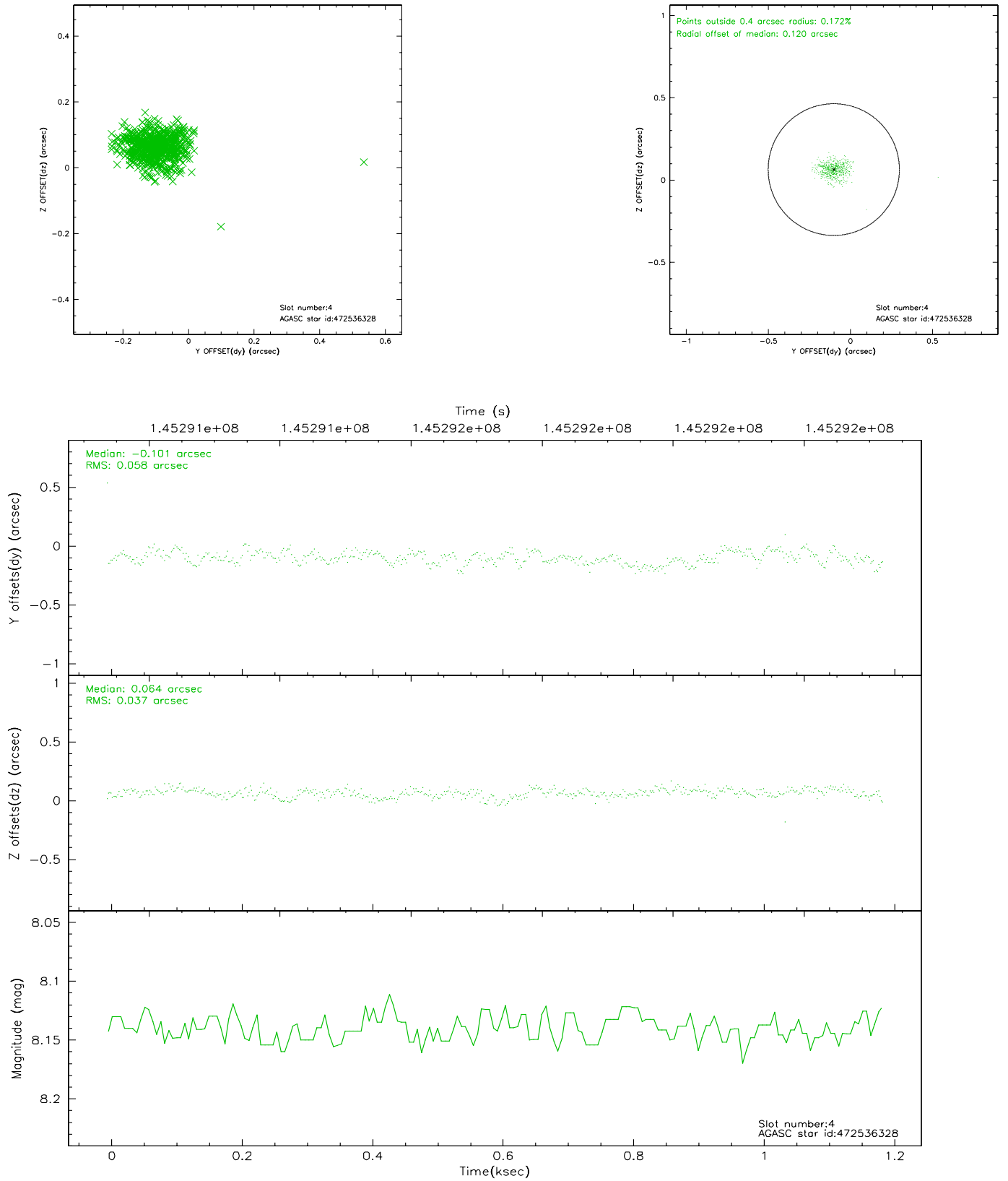
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	291	0.152	-0.098	0.007	0.011	0.000000	0.000000	-1157.13	-455.56
1	FID	HRC-S-2	7.01	291	0.090	-0.093	0.004	0.009	0.000000	0.000000	1238.51	-449.73
2	FID	HRC-S-3	7.03	291	0.148	-0.112	0.007	0.011	0.000000	0.000000	-1155.61	572.41
3	GUIDE	472535576	7.87	581	-0.183	0.107	0.065	0.103	331.438373	46.291802	2297.31	-1337.95
4	GUIDE	472536328	8.14	581	-0.101	0.064	0.067	0.106	331.496671	46.454831	2290.37	-1944.73
5	GUIDE	472523760	8.23	581	-0.057	-0.076	0.058	0.094	331.645363	45.403260	1082.73	1661.37
6	GUIDE	472665256	9.01	580	0.203	0.079	0.071	0.118	332.808125	46.195041	-1099.54	-1779.99
7	GUIDE	472655704	9.49	580	0.146	-0.153	0.095	0.159	332.167195	45.285228	-305.35	1775.25

2.4 Star Slots

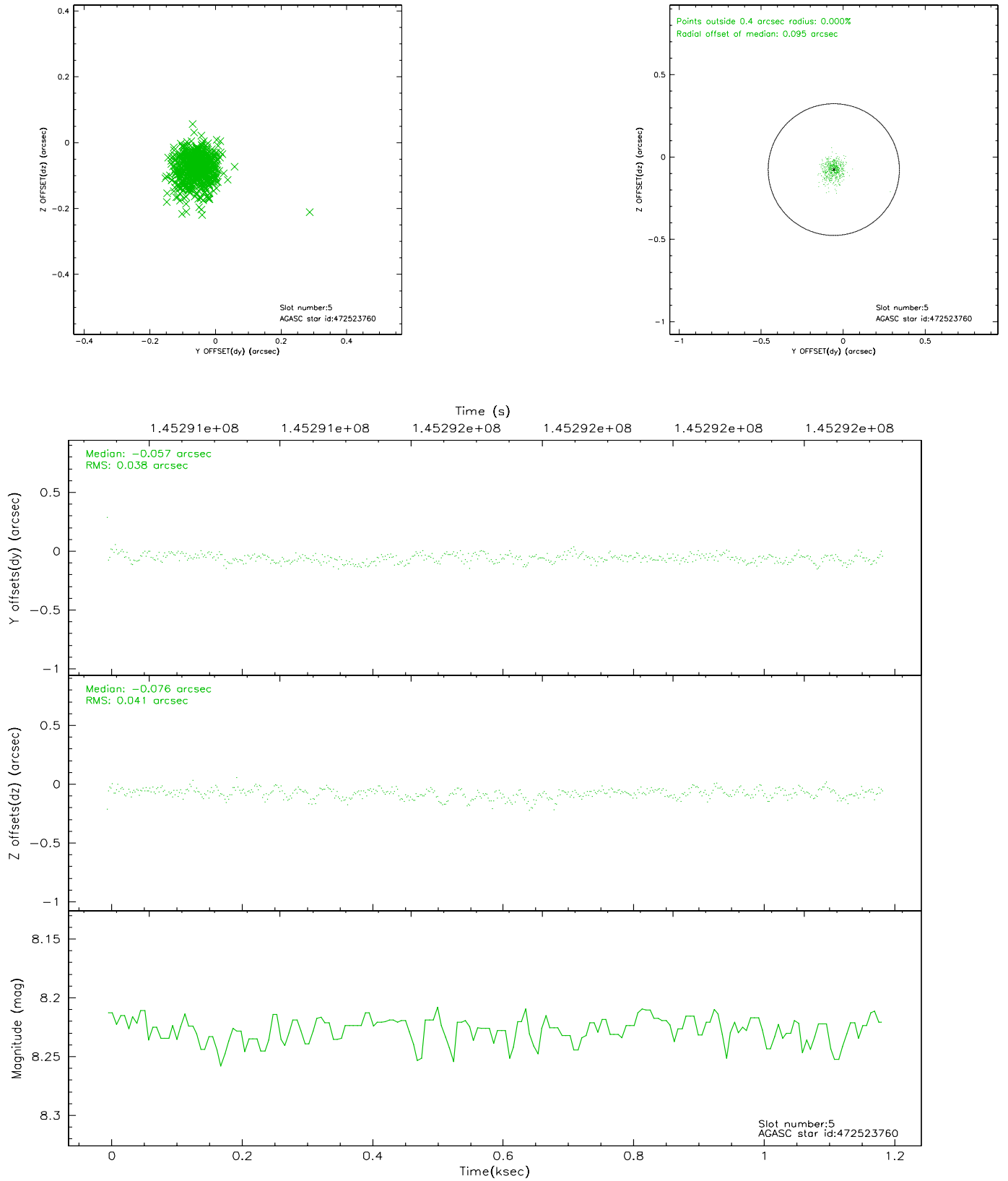
2.4.1 Slot 3



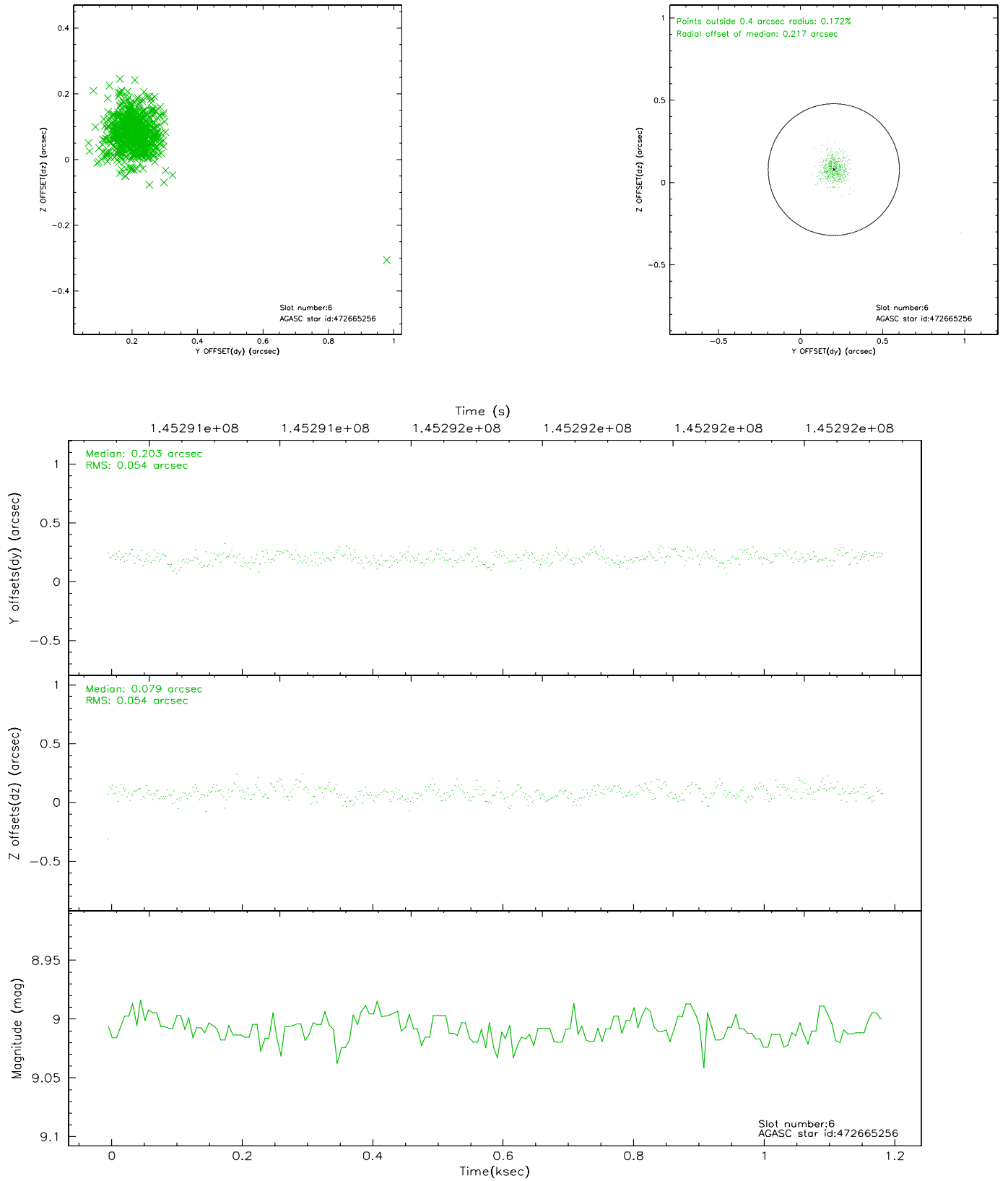
2.4.2 Slot 4



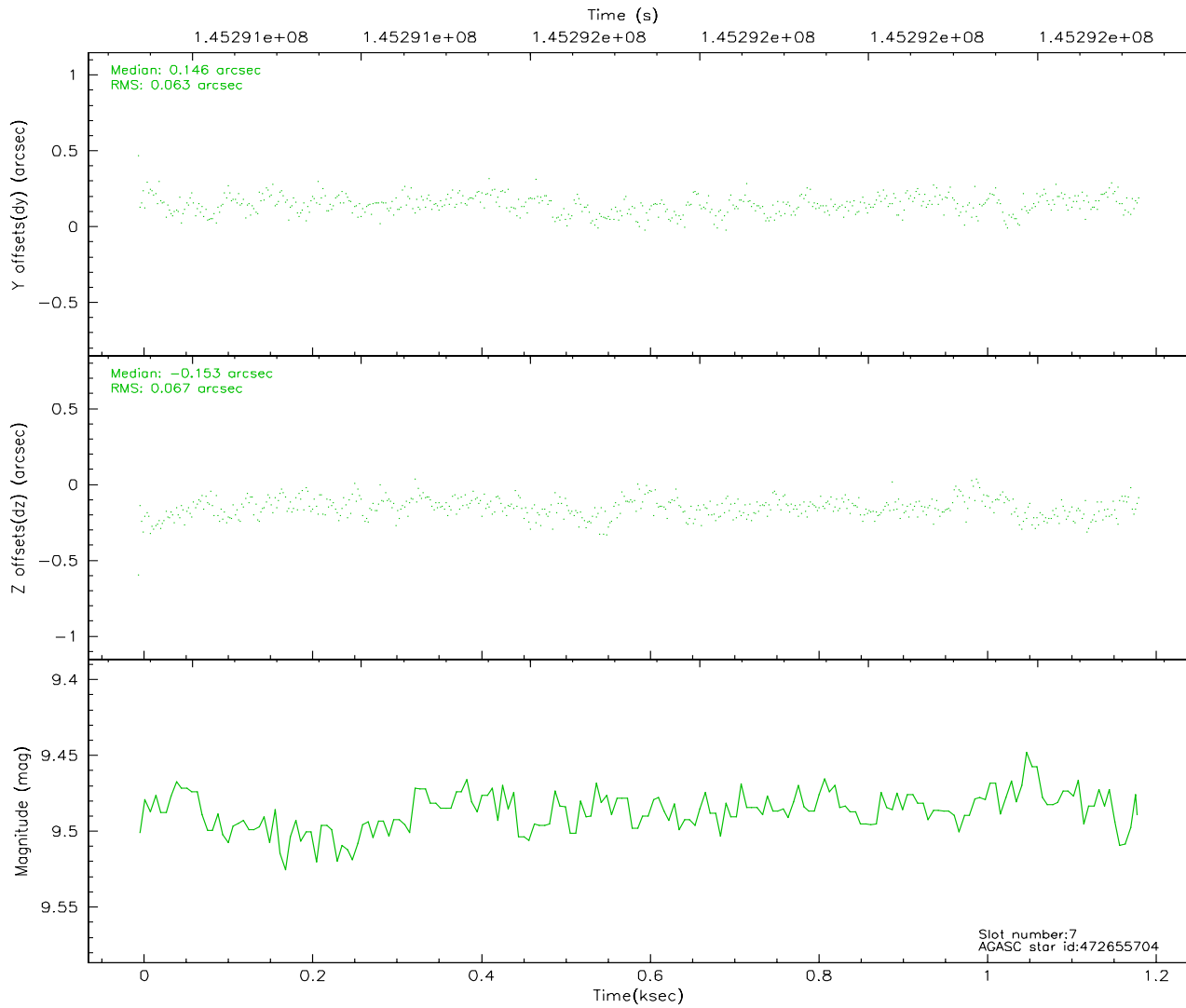
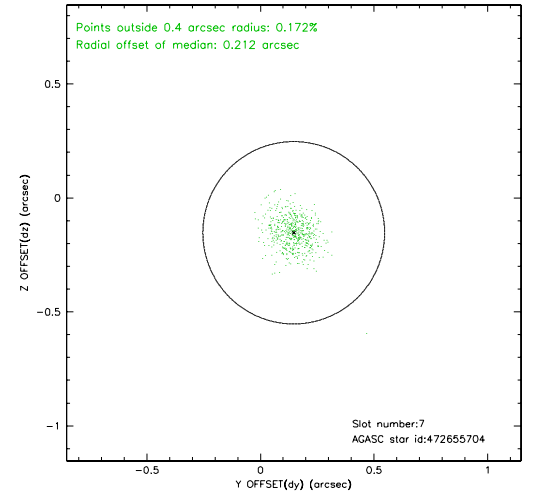
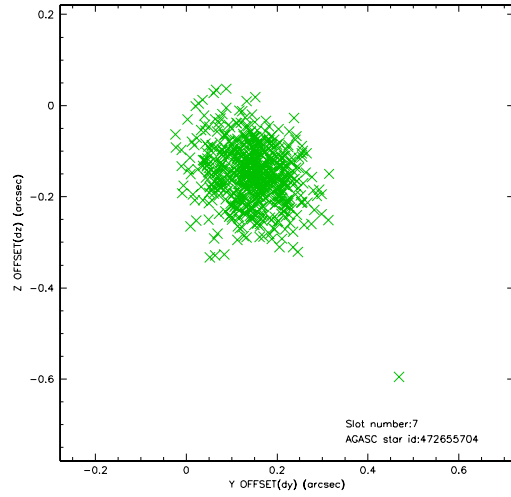
2.4.3 Slot 5



2.4.4 Slot 6

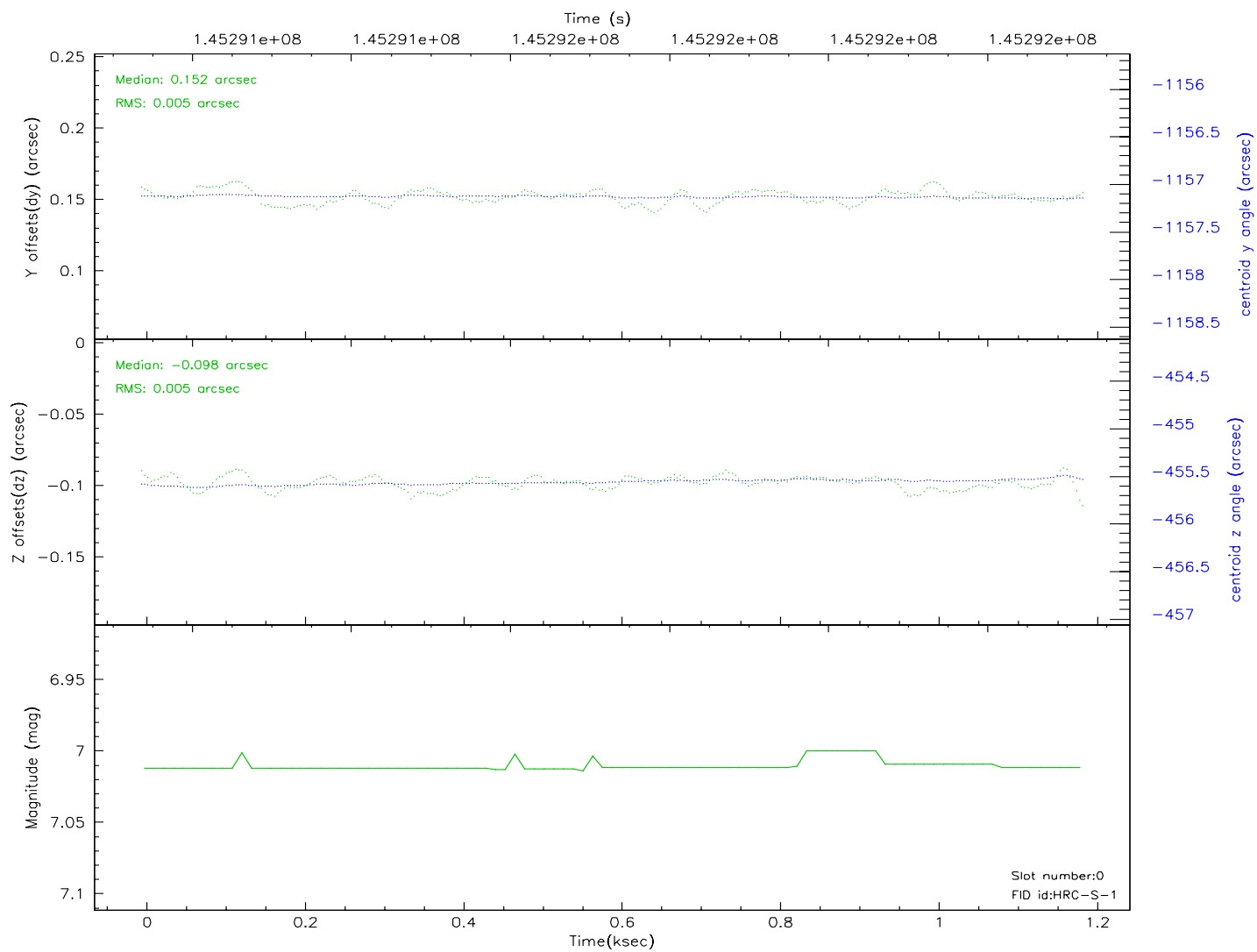
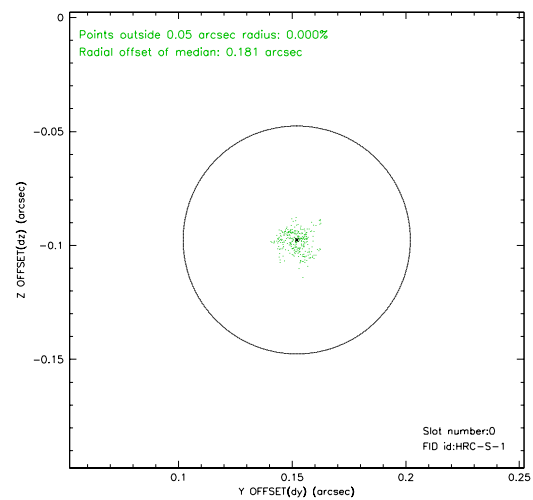
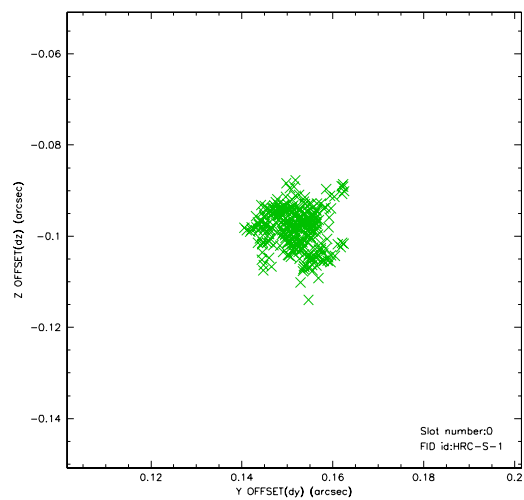


2.4.5 Slot 7

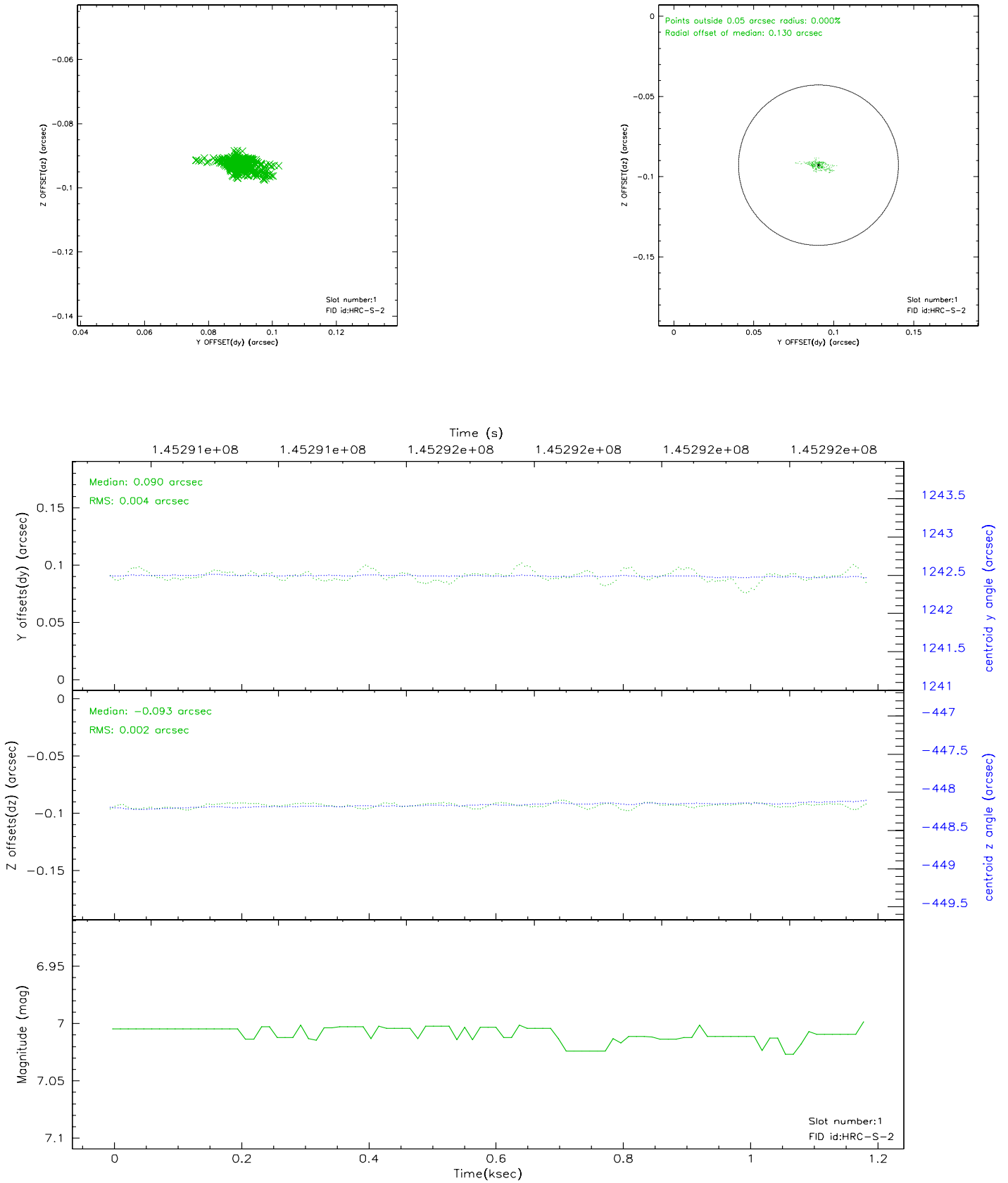


2.5 FID Slots

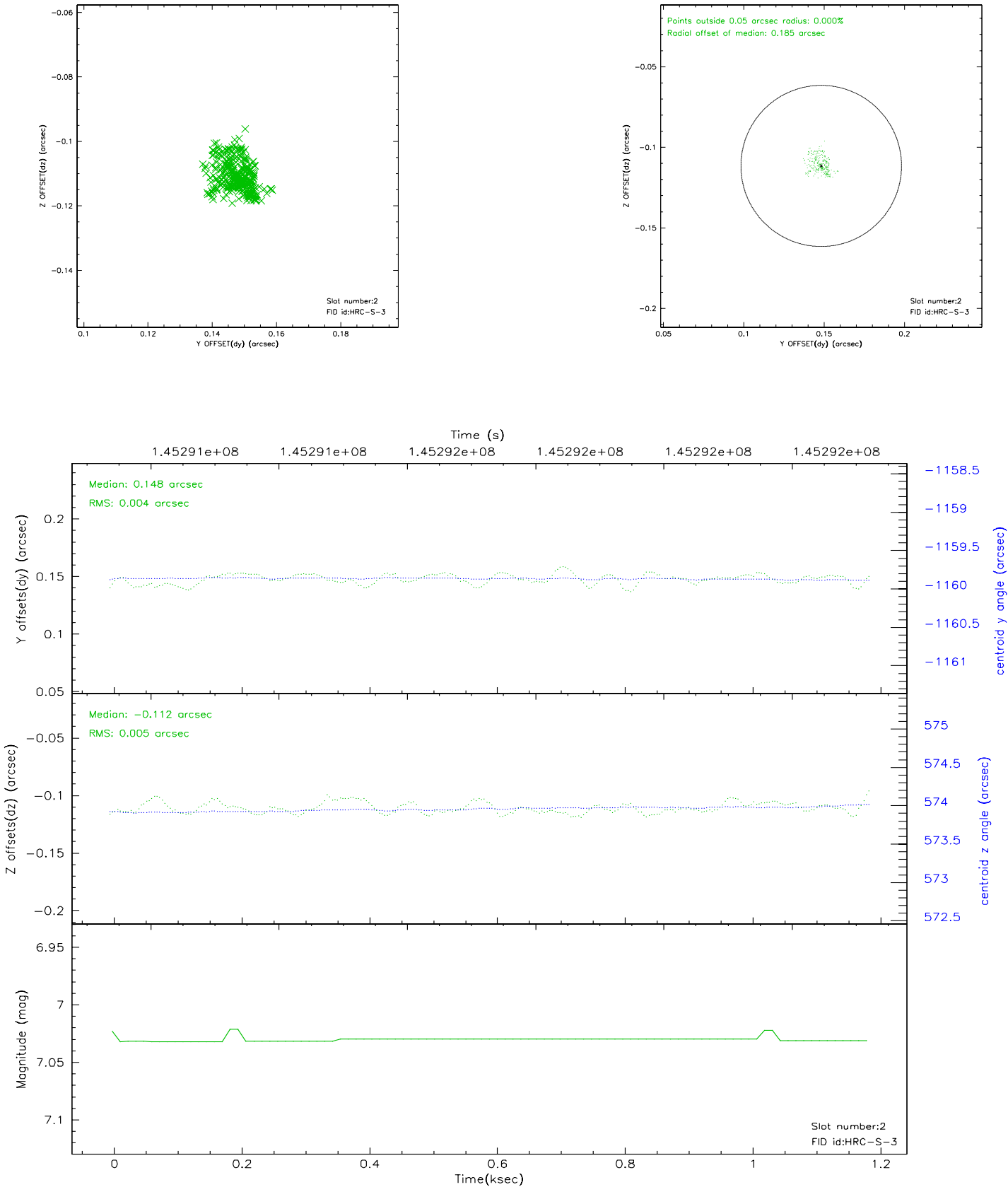
2.5.1 Slot 0



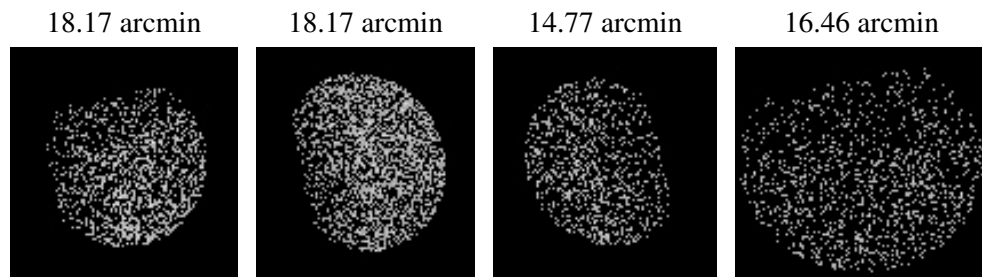
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.182

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.182 ks,
although with the current processing it would have been 1.14 ksec.

Monitor constraint met.