

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4348 - L2 Version 001
Chandra X-Ray Center

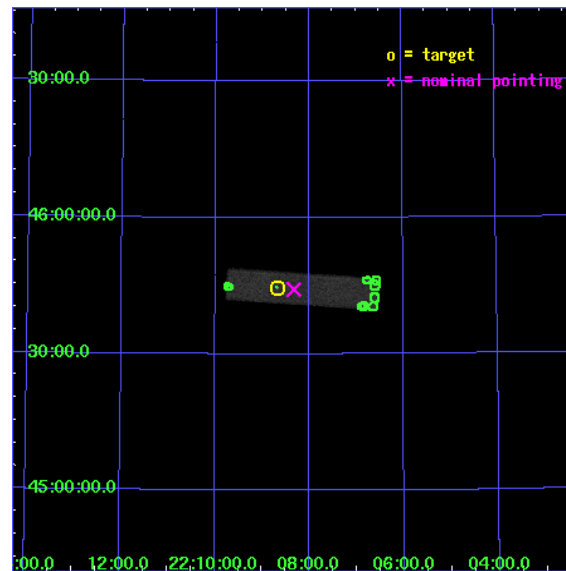
L2 Processing Date : Jul 28 2006

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
2.5	FID Slots	13
2.5.1	Slot 0	13
2.5.2	Slot 1	14
2.5.3	Slot 2	15
3	Point Sources	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

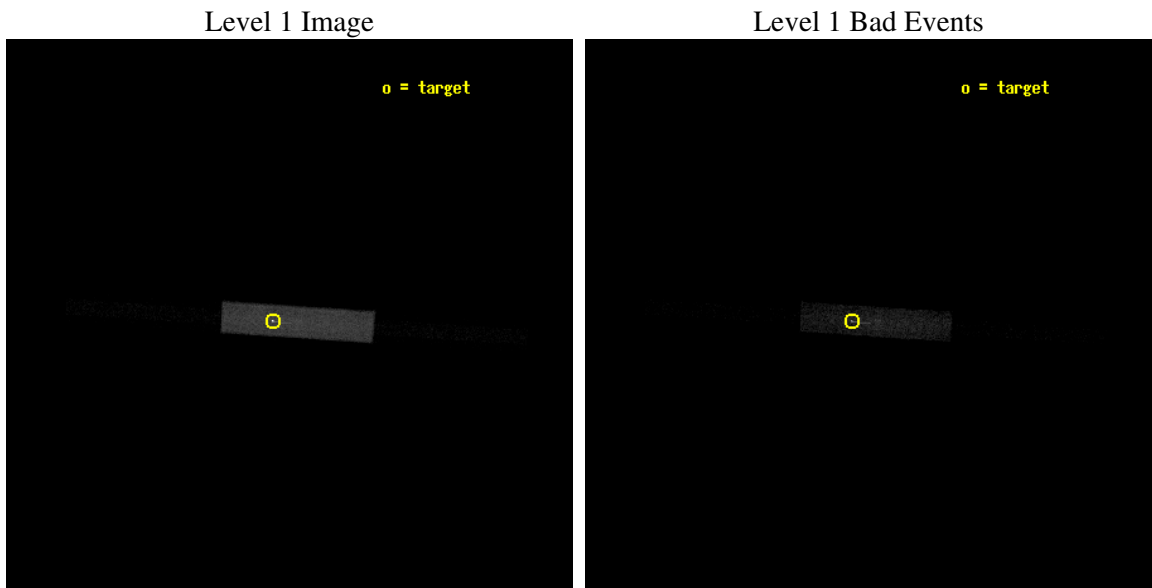
seq_num	290308
obs_id	4348
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08183667986
dec_nom	45.737161248069
roll_nom	3.7410599606997
revision	3
ontime	1143.1312980652
livetime	1136.6055798603
l2events	44319



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	2006-07-28T12:13:14
revision	3

sched_exp_time	1000.000000
ontime	1186.950049907
l1events	76638

2.1.3 Events

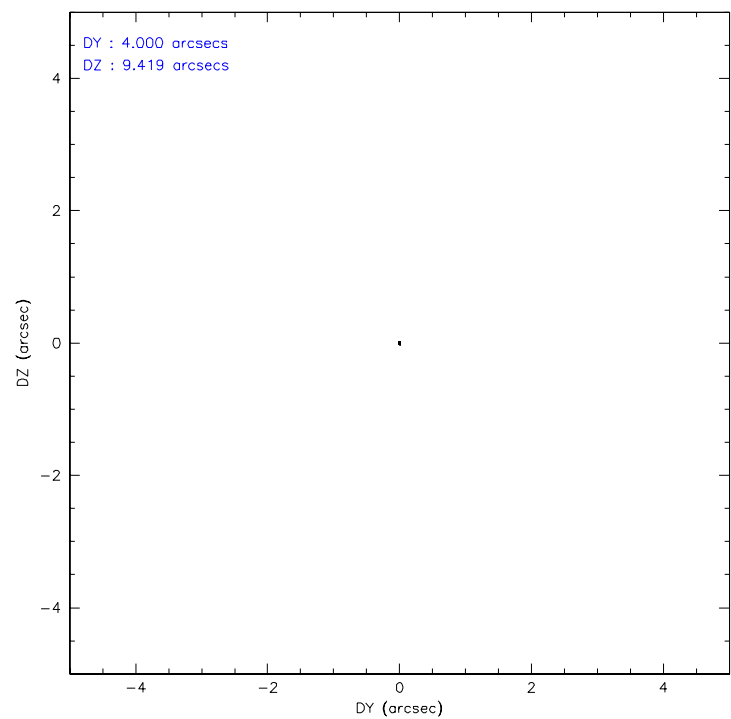
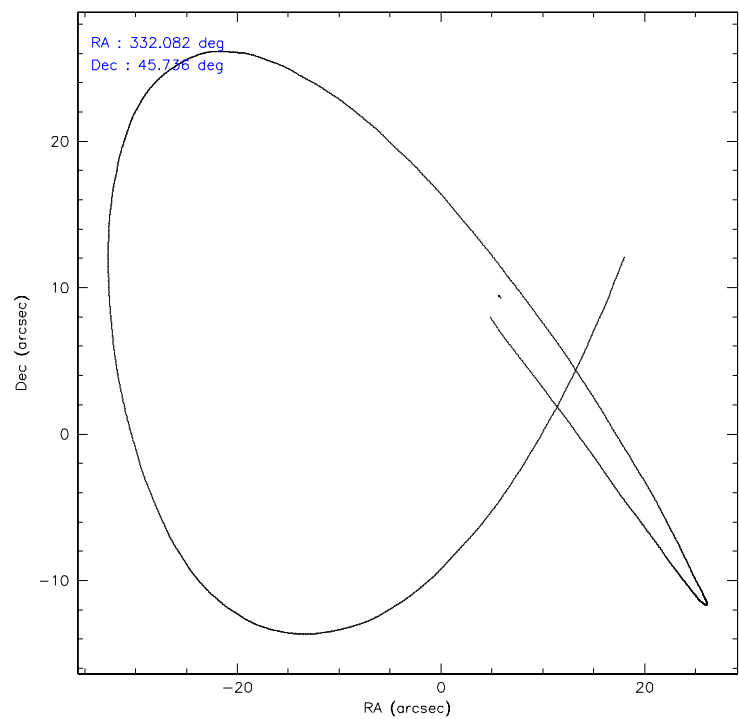
Level 1 Events

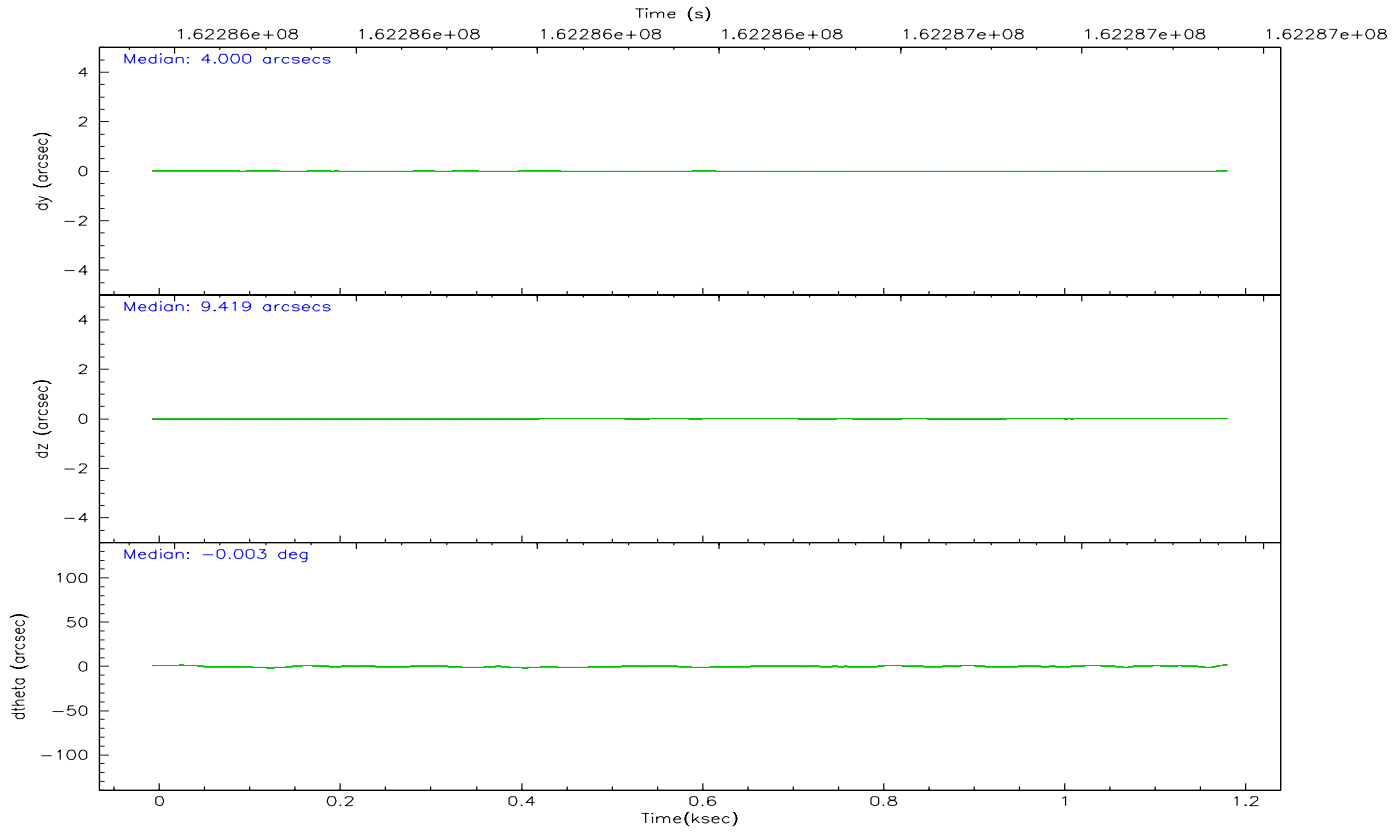
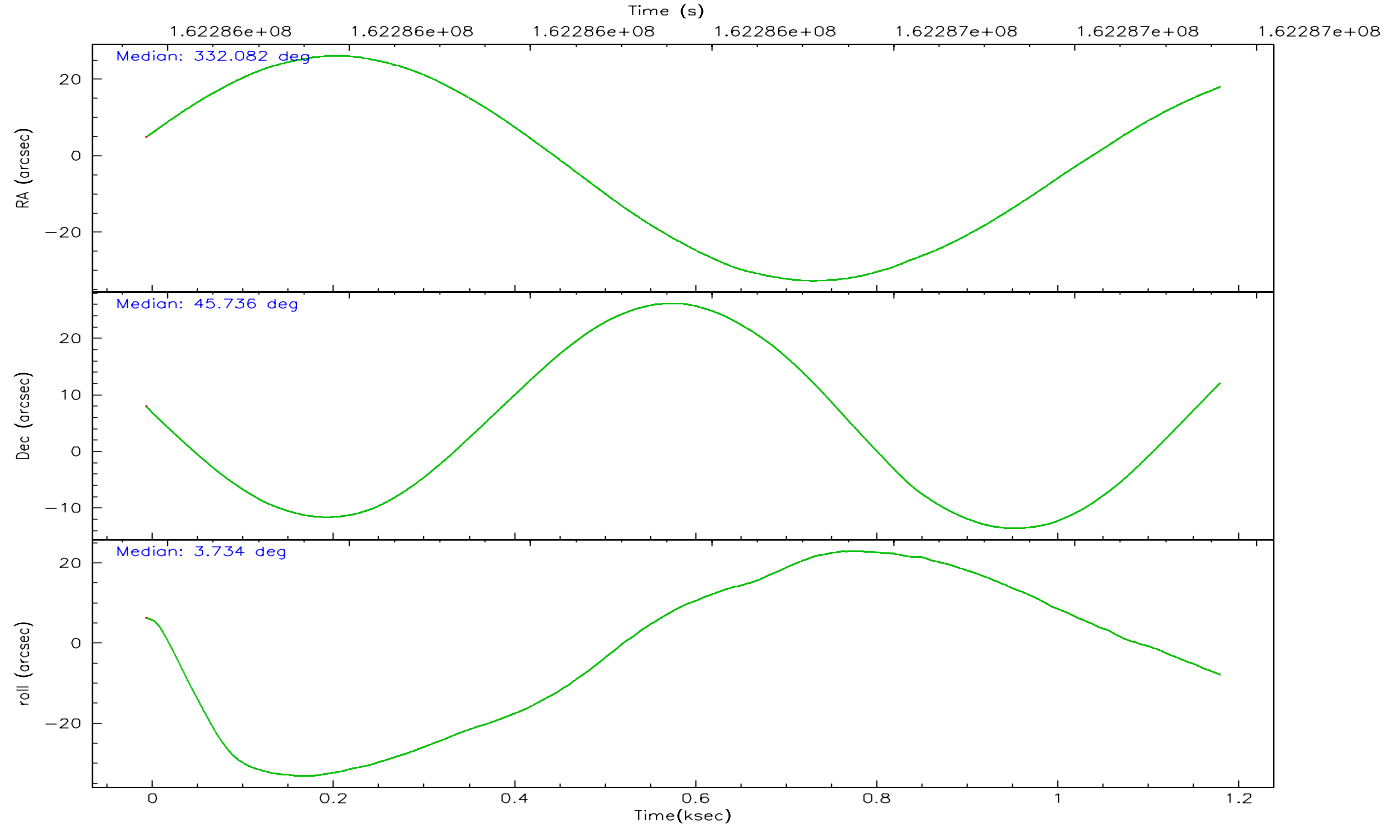
	segment 1	segment 2	segment 3
level 1 events	1143	74360	1135
rejected events	1143	27134	1135
rejected %	100%	36%	100%

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	332.048468	332.0818366798557			
Pointing Dec	45.721191	45.73716124806869			
Pointing Roll	3.697420	3.741059960699668			
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	162285955.184000	162285579.71922			
Observation start date	2003-02-22T07:24:51	2003-02-22T07:19:39			
Observation end time	162286955.184000	162287089.54428			
Observation end date	2003-02-22T07:41:31	2003-02-22T07:44:49			

2.3 Aspect



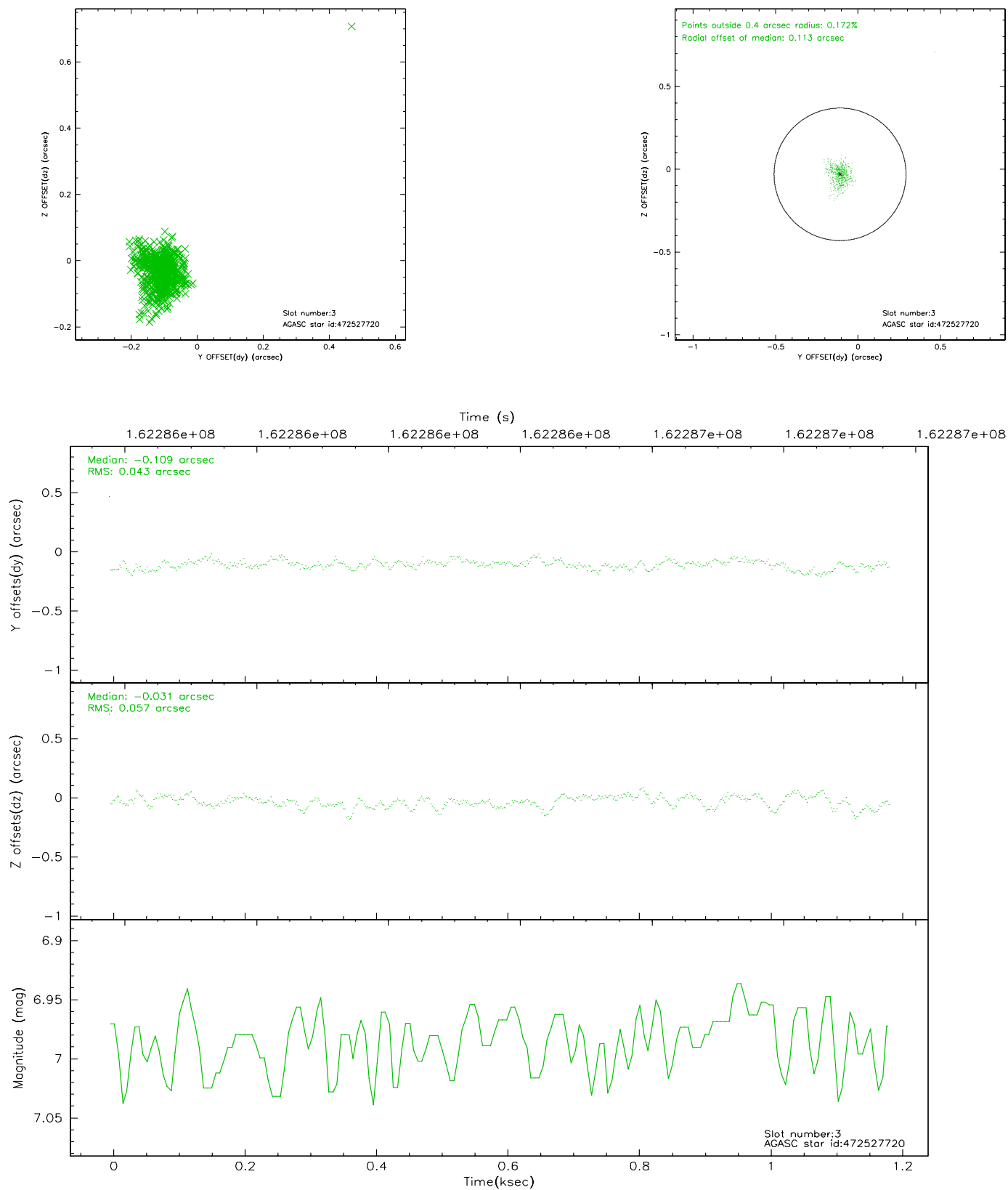


Slot Statistics

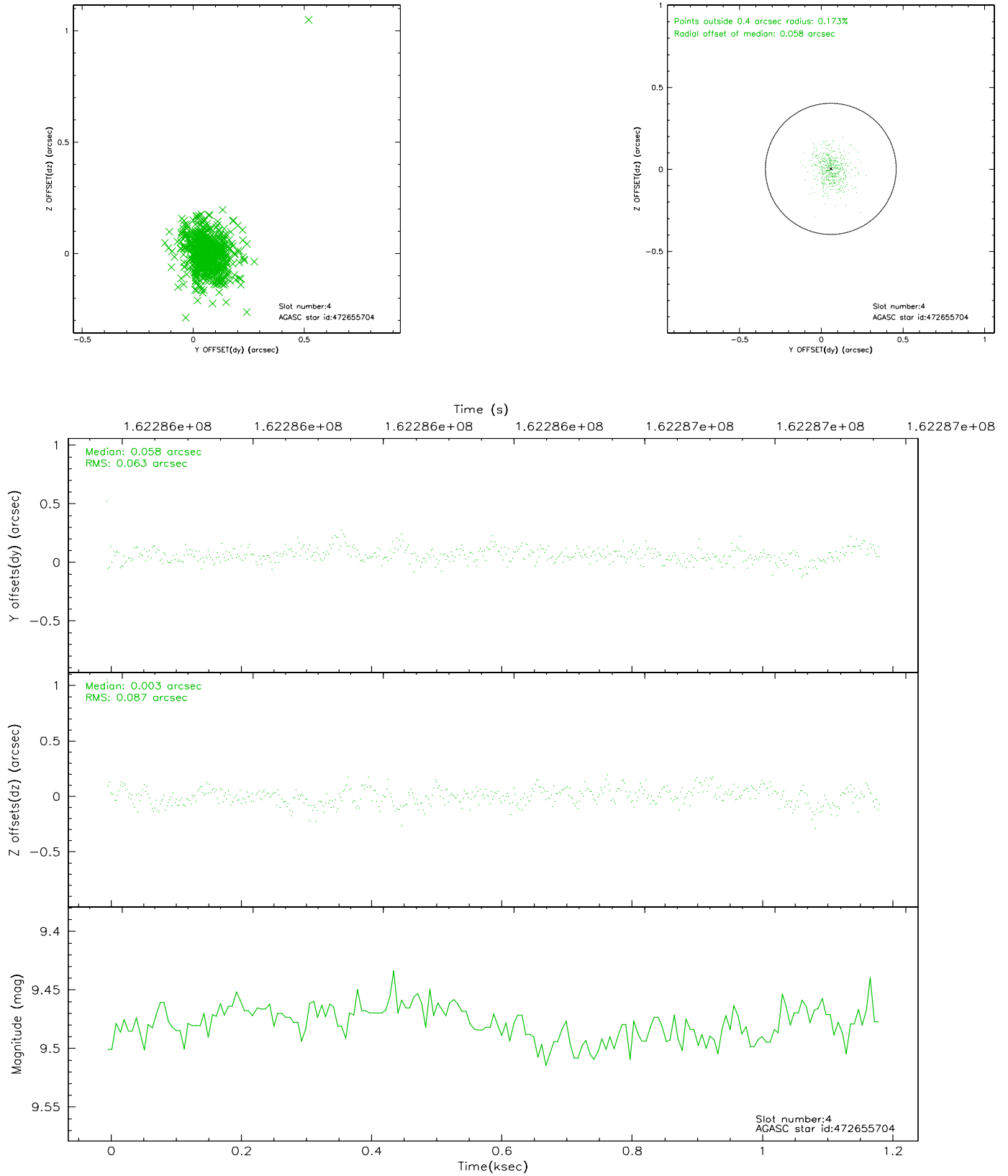
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.154	-0.182	0.007	0.013	0.000000	0.000000	-1158.04	-458.08
1	FID	HRC-S-2	7.00	290	0.082	-0.091	0.005	0.008	0.000000	0.000000	1237.57	-452.24
2	FID	HRC-S-3	7.02	290	0.153	-0.029	0.006	0.013	0.000000	0.000000	-1156.49	570.04
3	GUIDE	472527720	6.98	580	-0.109	-0.031	0.064	0.104	331.460205	45.112509	-1633.11	-2081.00
4	GUIDE	472655704	9.48	579	0.058	0.003	0.099	0.174	332.167195	45.285228	195.56	-1584.81
5	GUIDE	472659832	9.47	580	0.022	0.071	0.095	0.162	332.780399	46.098139	1910.76	1246.50
6	GUIDE	472533912	9.18	580	0.025	-0.037	0.119	0.194	331.791136	46.368695	-485.38	2374.62
7	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

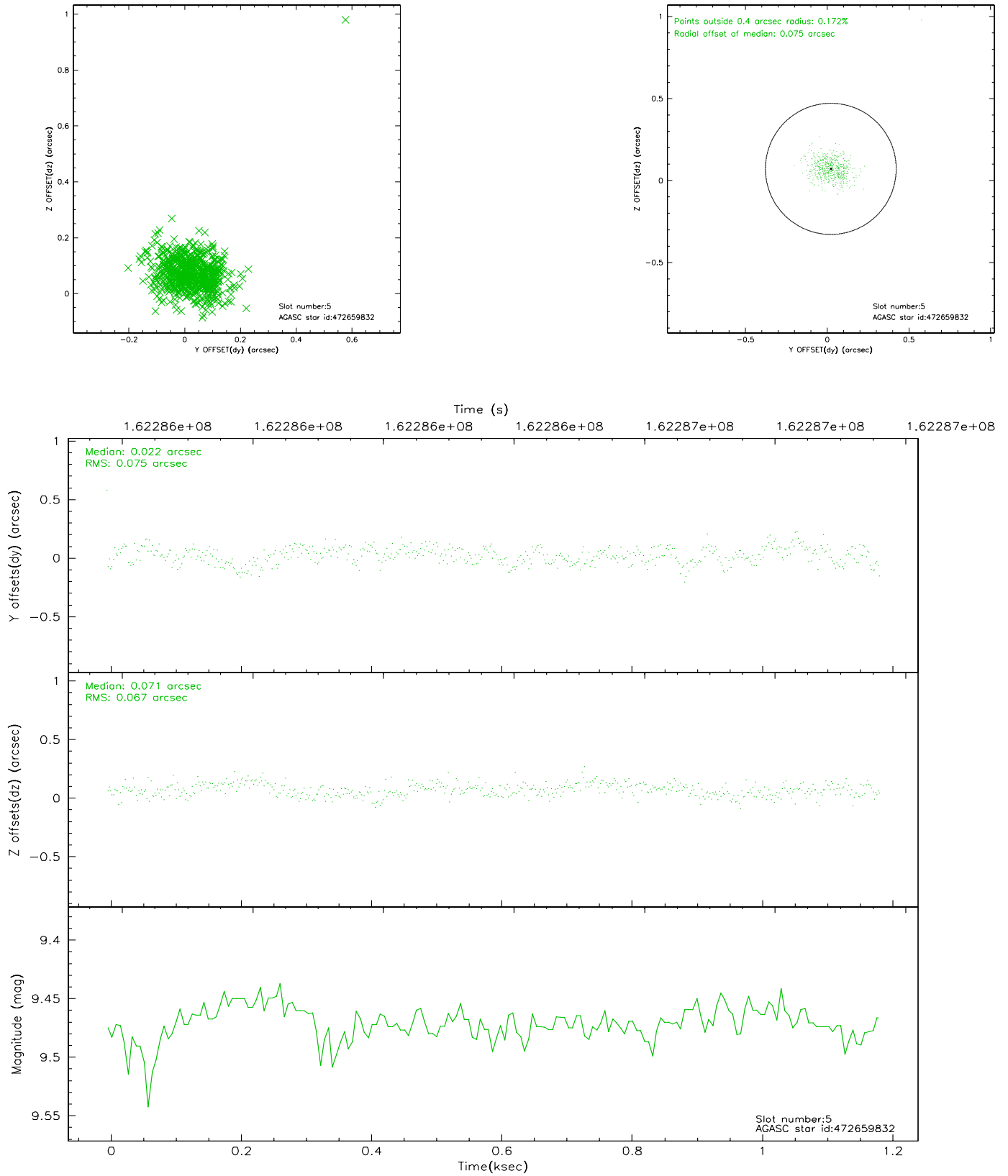
2.4.1 Slot 3



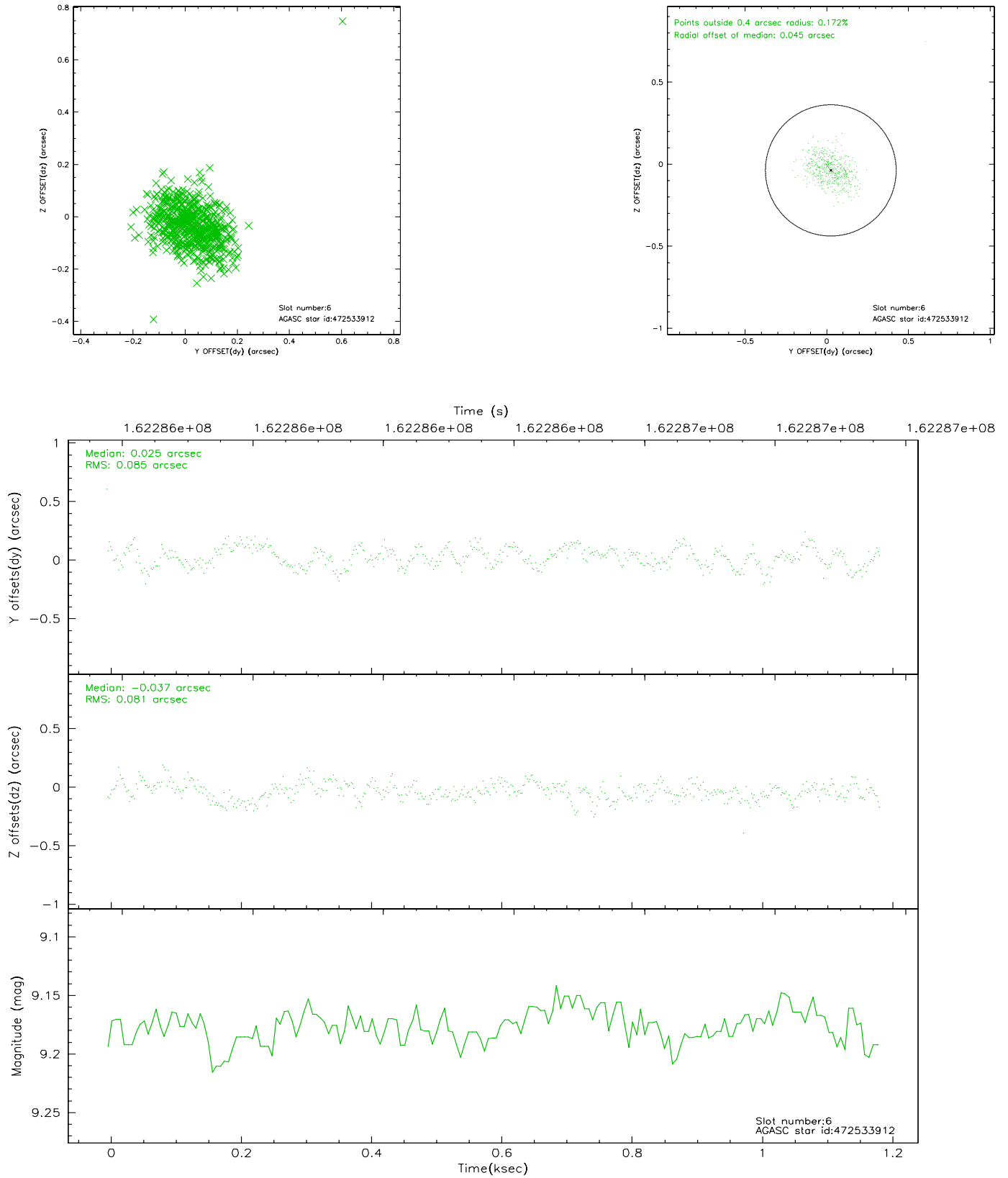
2.4.2 Slot 4



2.4.3 Slot 5

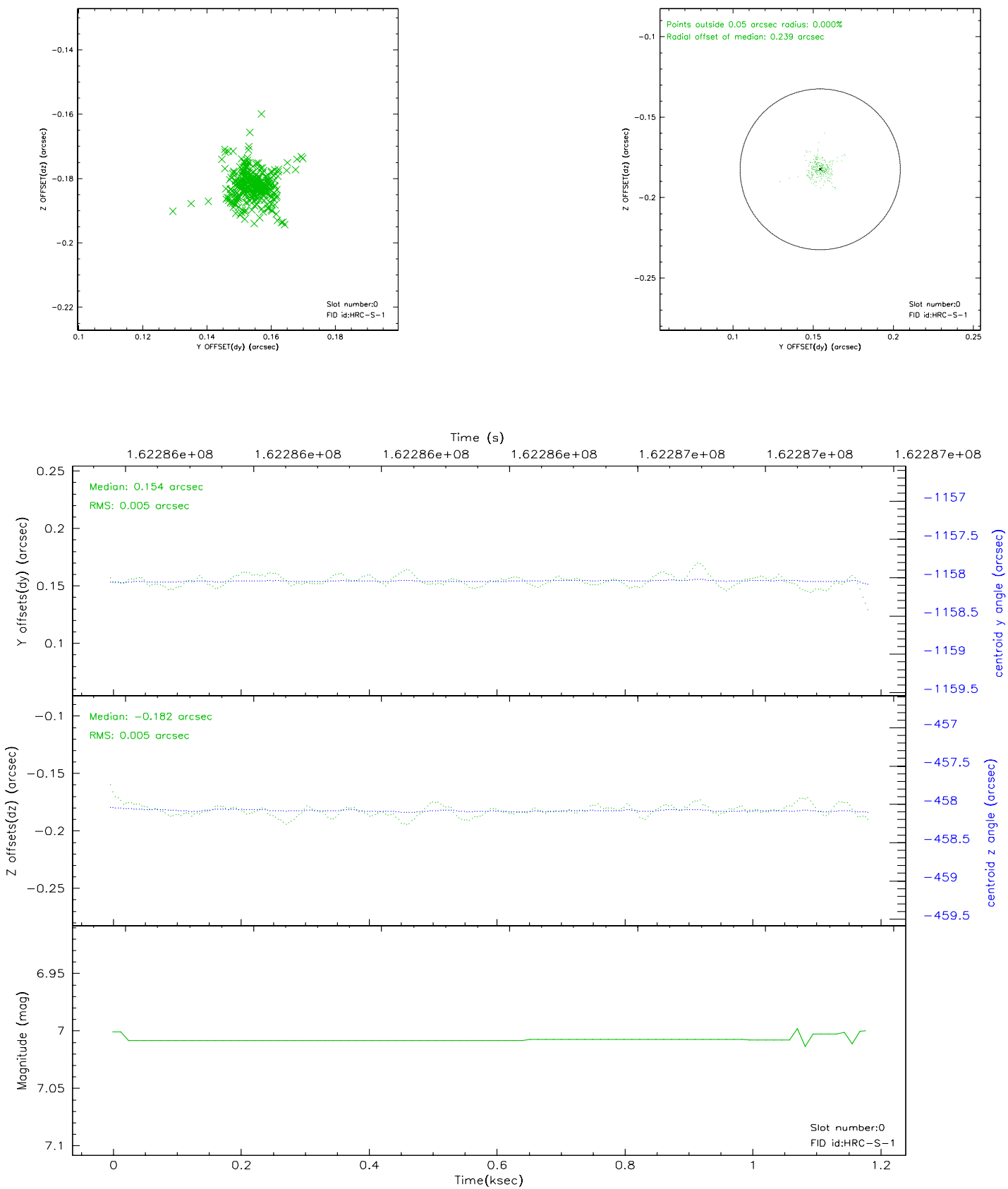


2.4.4 Slot 6

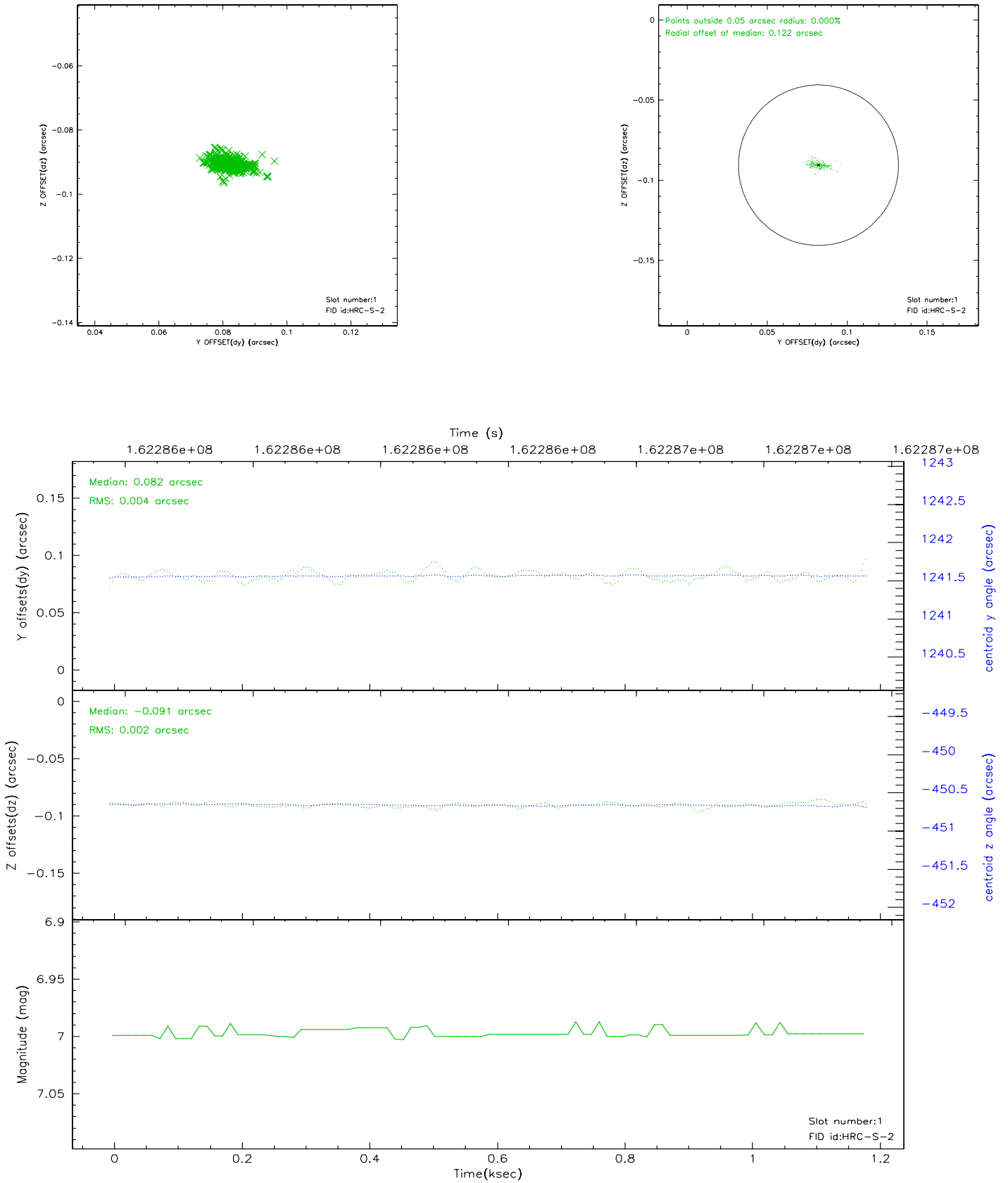


2.5 FID Slots

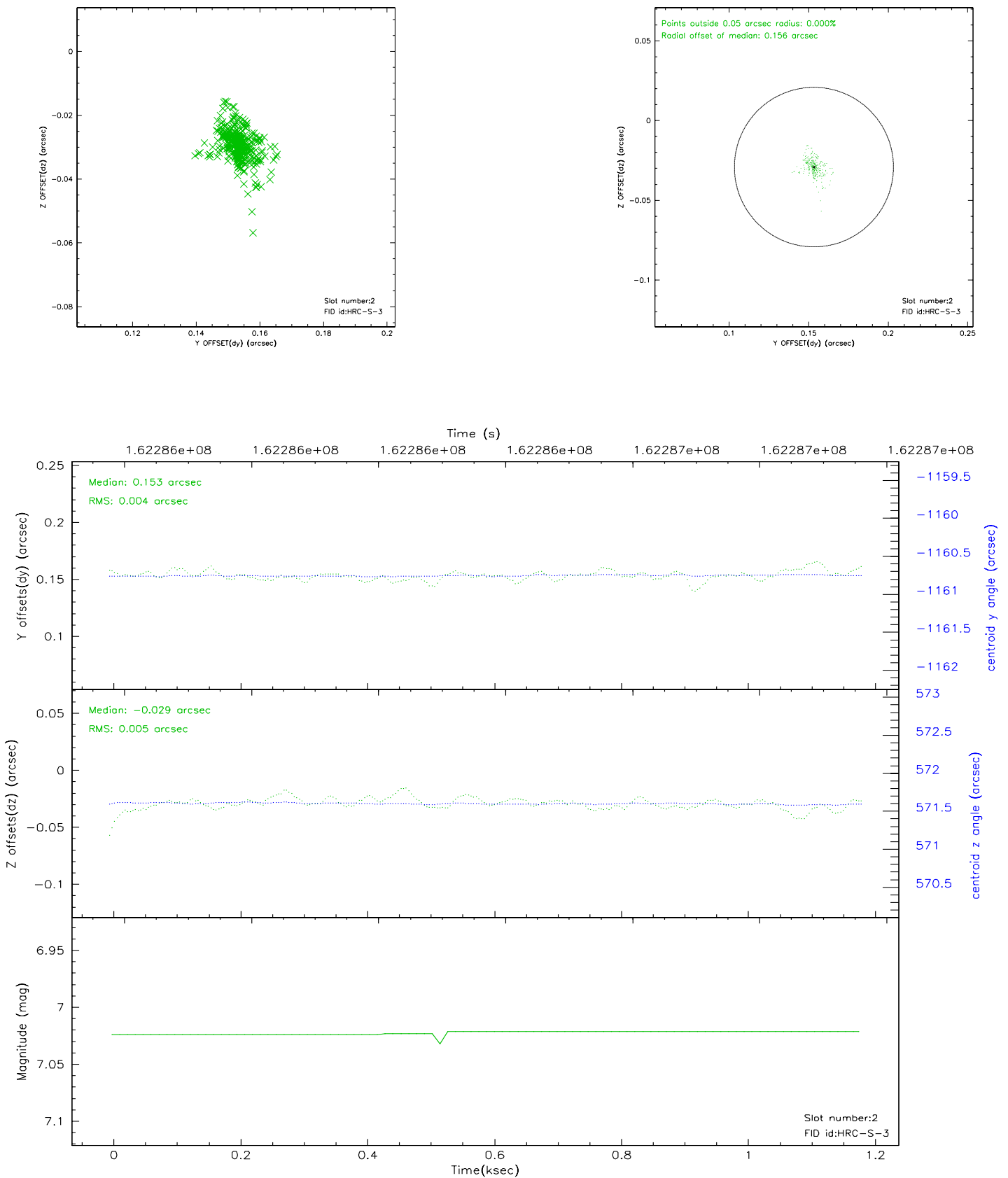
2.5.1 Slot 0



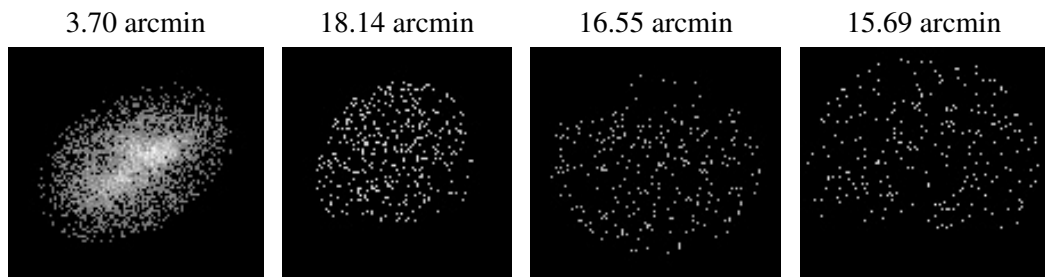
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.04
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments

The guide star in slot 7 was manually excluded from the processing due to poor data quality.