

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4292 - L2 Version 4
Chandra X-Ray Center

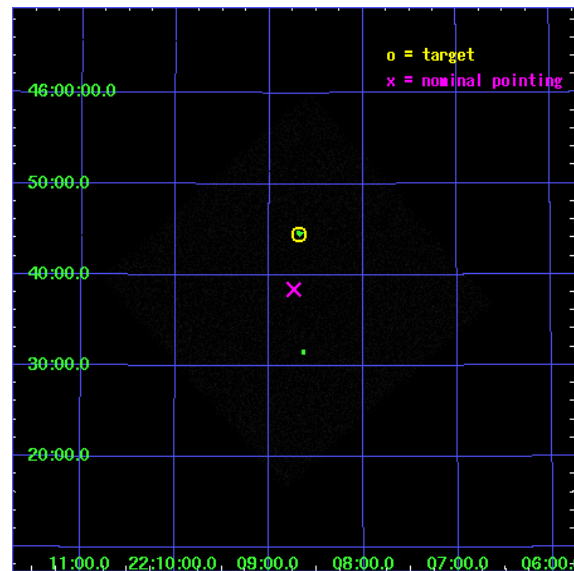
L2 Processing Date : Nov 21 2007

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 4	9
2.4.2	Slot 5	10
2.4.3	Slot 6	11
2.4.4	Slot 7	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

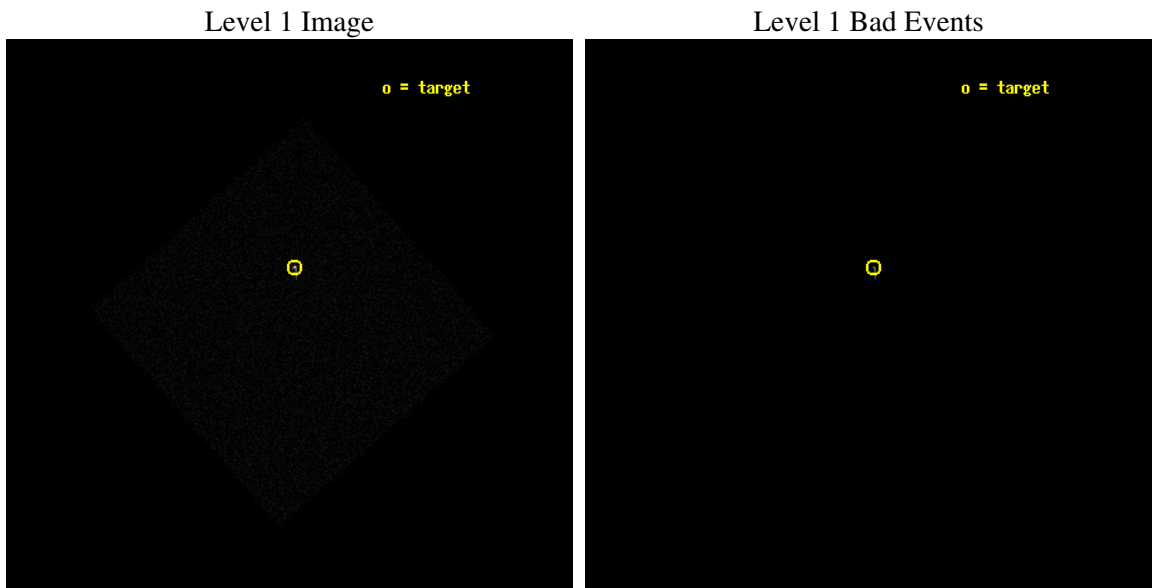
seq_num	290252
obs_id	4292
title	AO4 CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-I GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.18453633101
dec_nom	45.640429131347
roll_nom	3.6068683100585
revision	4
ontime	1181.8250496686
livetime	1175.2561676814
l2events	38116



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-22T02:25:47
revision	4

sched_exp_time	1000.000000
ontime	1181.8250496686
l1events	69814

2.1.3 Events

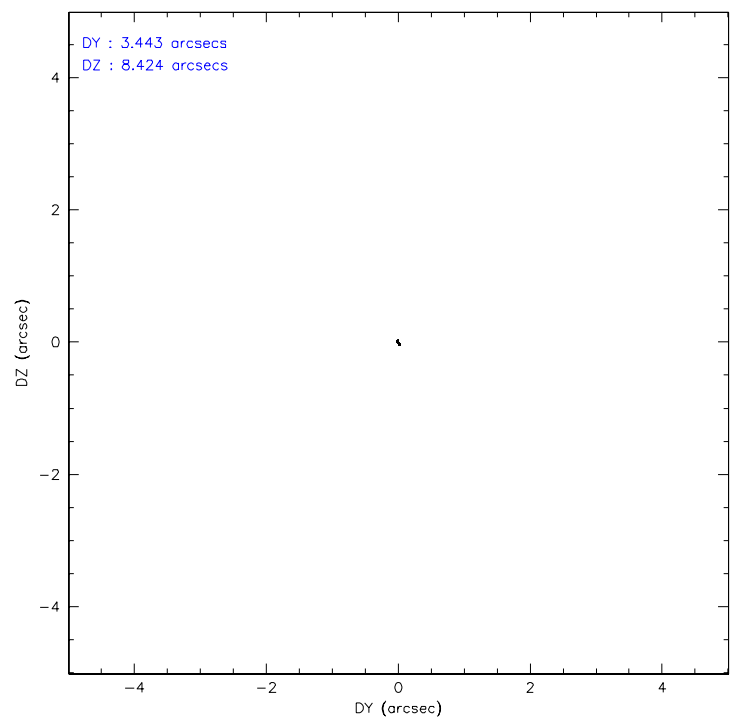
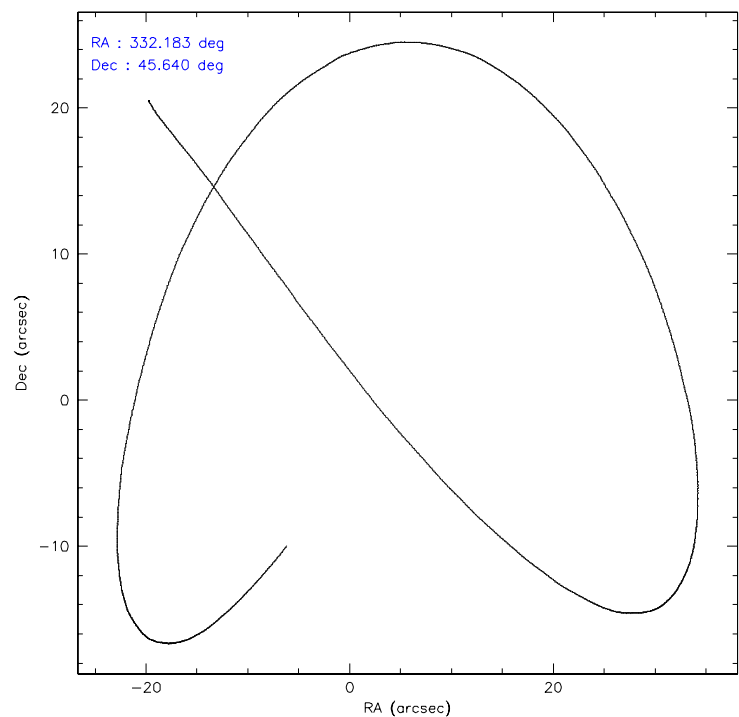
Level 1 Events

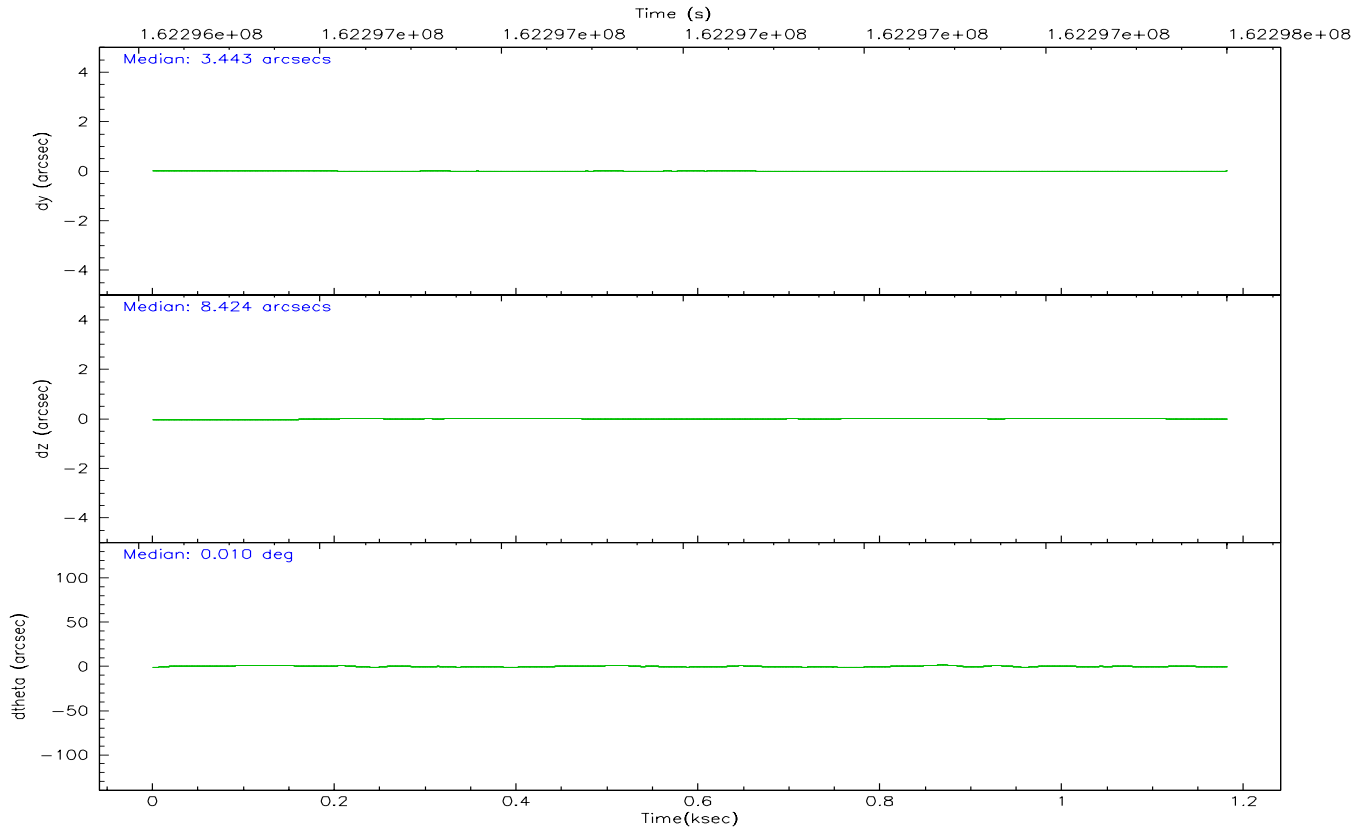
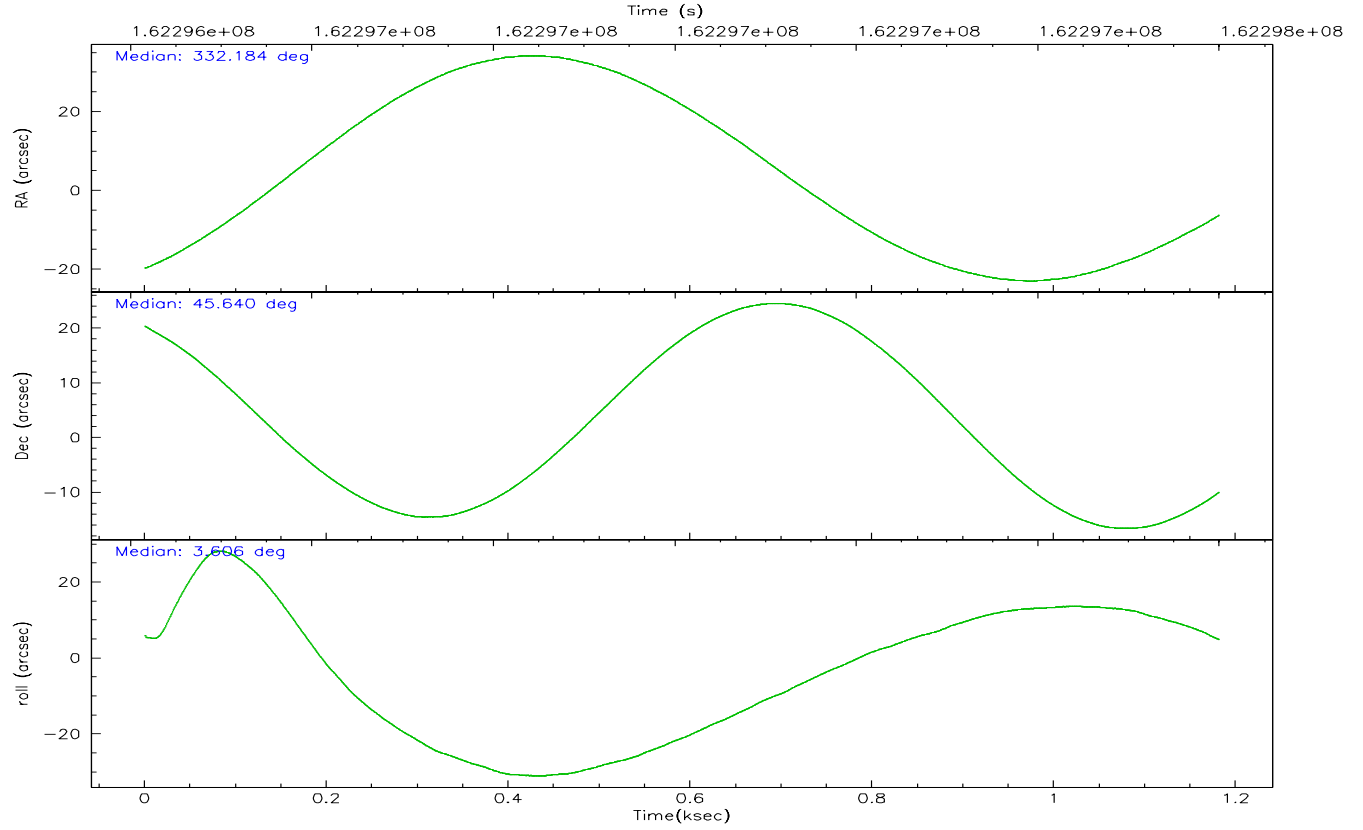
	segment 0
level 1 events	69814
rejected events	15921
rejected %	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.153128	332.1845363310055			
Pointing Dec	45.625632	45.64042913134652			
Pointing Roll	3.724892	3.606868310058476			
Window start time	161697664.184000	161697664.184000			
Window stop time	165412864.184000	165412864.184000			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	162296598.184000	162296222.29467			
Observation start date	2003-02-22T10:22:14	2003-02-22T10:17:02			
Observation end time	162297598.184000	162297732.11973			
Observation end date	2003-02-22T10:38:54	2003-02-22T10:42:12			

2.3 Aspect



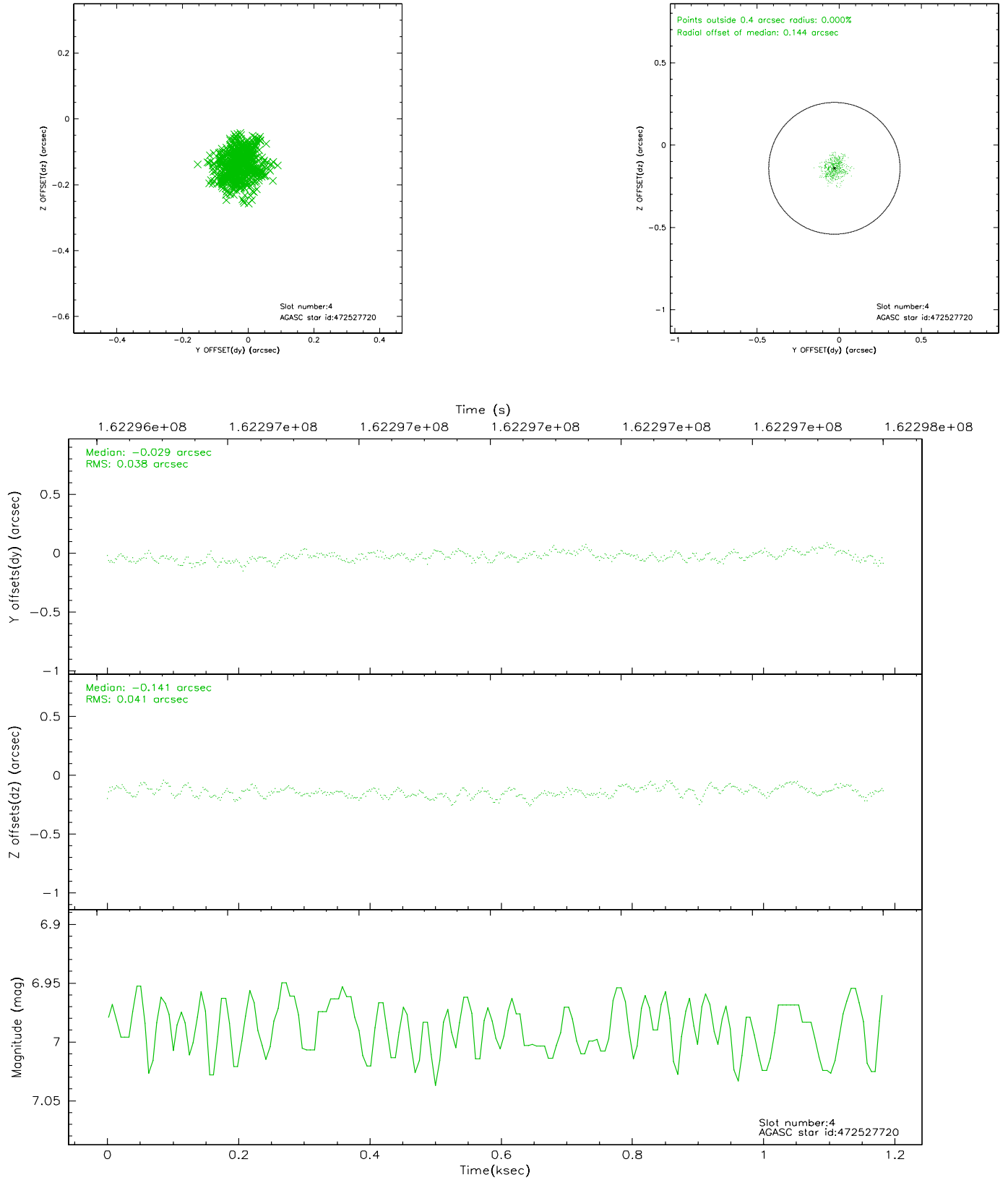


Slot Statistics

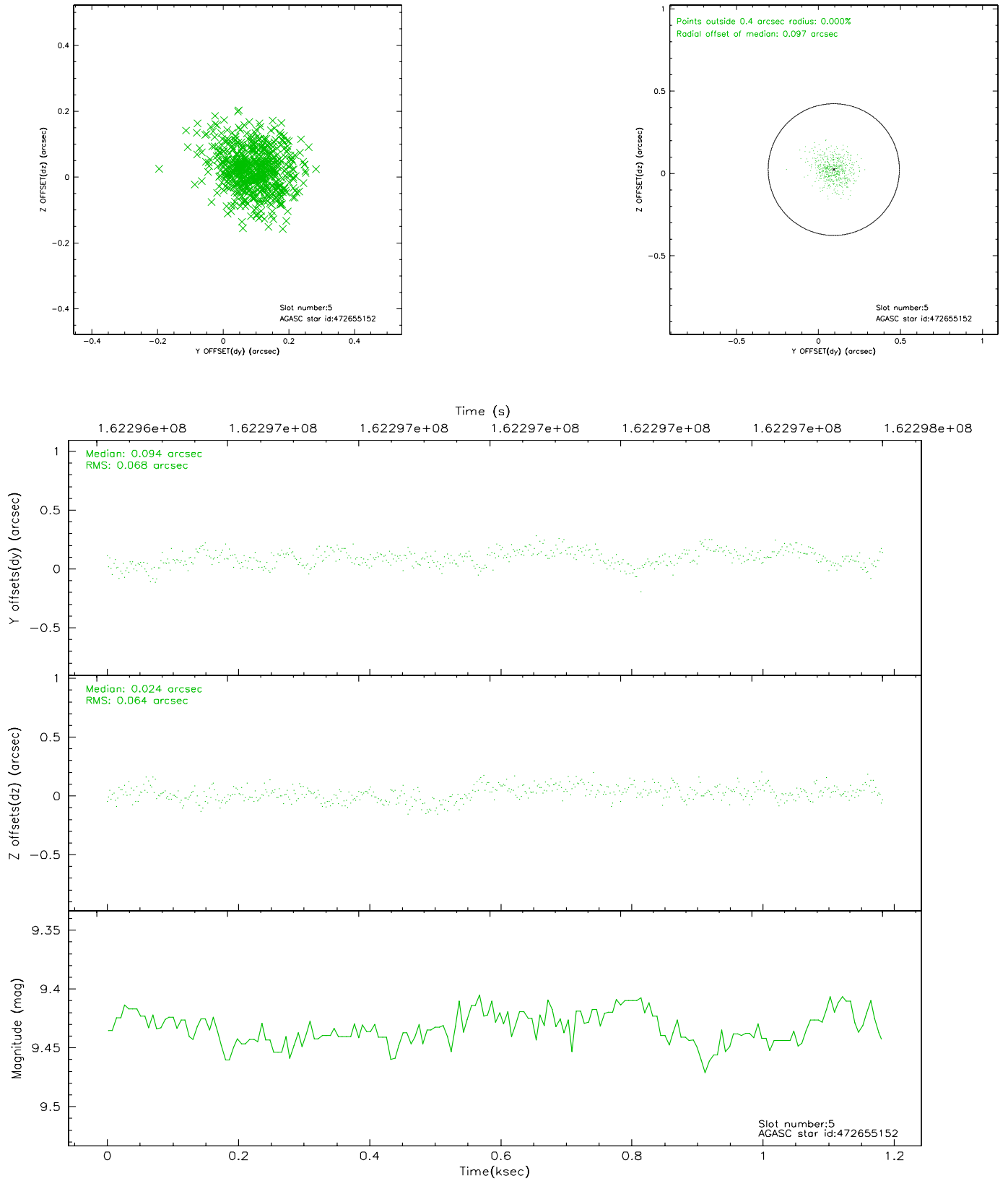
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	288	0.072	0.057	0.011	0.022	0.000000	0.000000	-758.89	-1296.28
1	FID	HRC-I-3	7.06	289	-0.009	-0.067	0.009	0.017	0.000000	0.000000	-1190.03	1003.69
2	FID	HRC-I-4	7.01	289	0.051	-0.078	0.005	0.011	0.000000	0.000000	1279.82	1009.18
3	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	472527720	6.99	578	-0.029	-0.141	0.060	0.095	331.460205	45.112509	-1874.93	-1719.00
5	GUIDE	472655152	9.43	578	0.094	0.024	0.100	0.163	332.504239	45.862991	932.13	797.17
6	GUIDE	472659832	9.46	576	0.015	0.008	0.105	0.171	332.780399	46.098139	1676.37	1605.99
7	GUIDE	472652872	10.10	575	-0.083	0.118	0.129	0.217	332.255928	45.019274	123.35	-2189.54

2.4 Star Slots

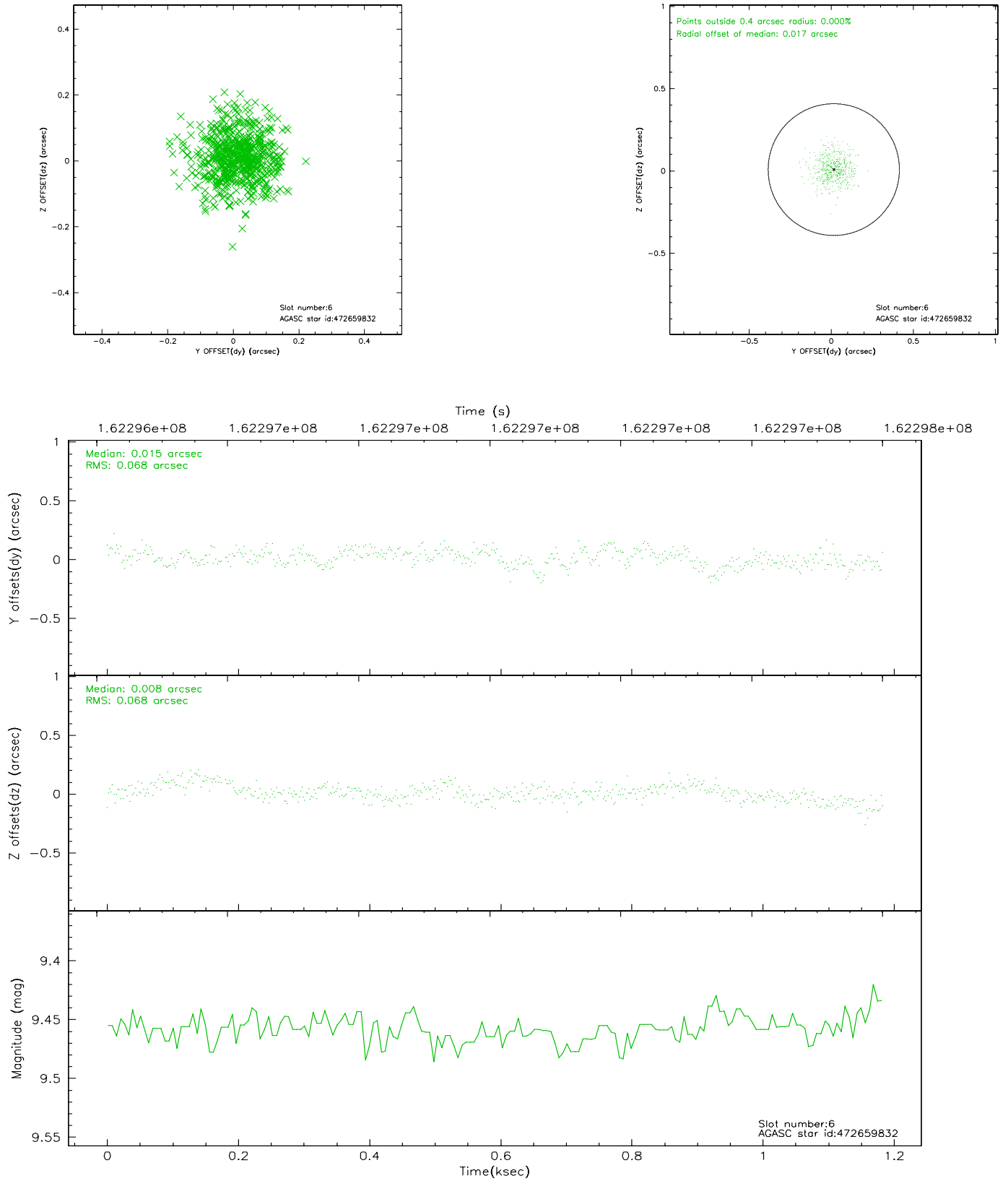
2.4.1 Slot 4



2.4.2 Slot 5



2.4.3 Slot 6

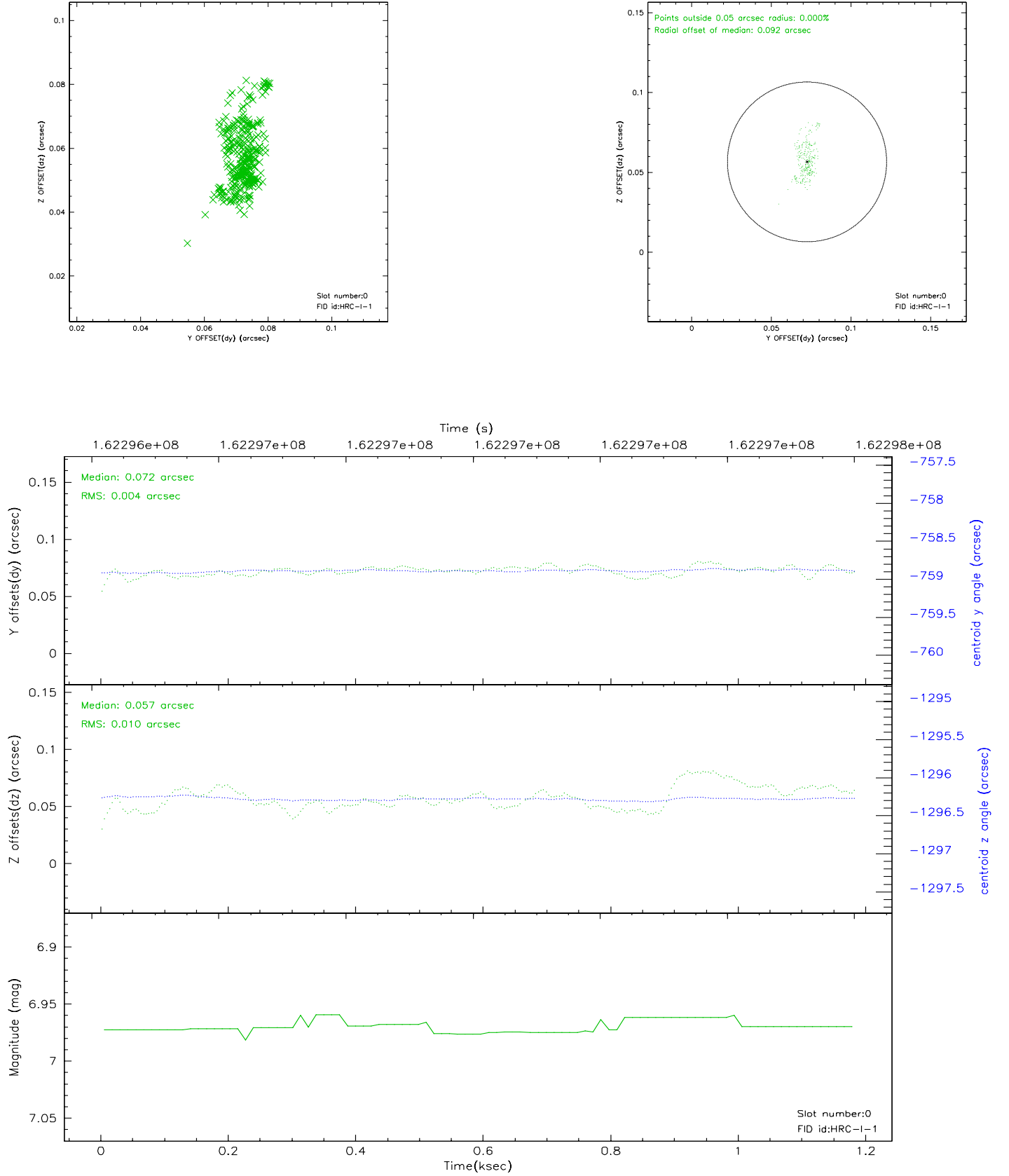


2.4.4 Slot 7

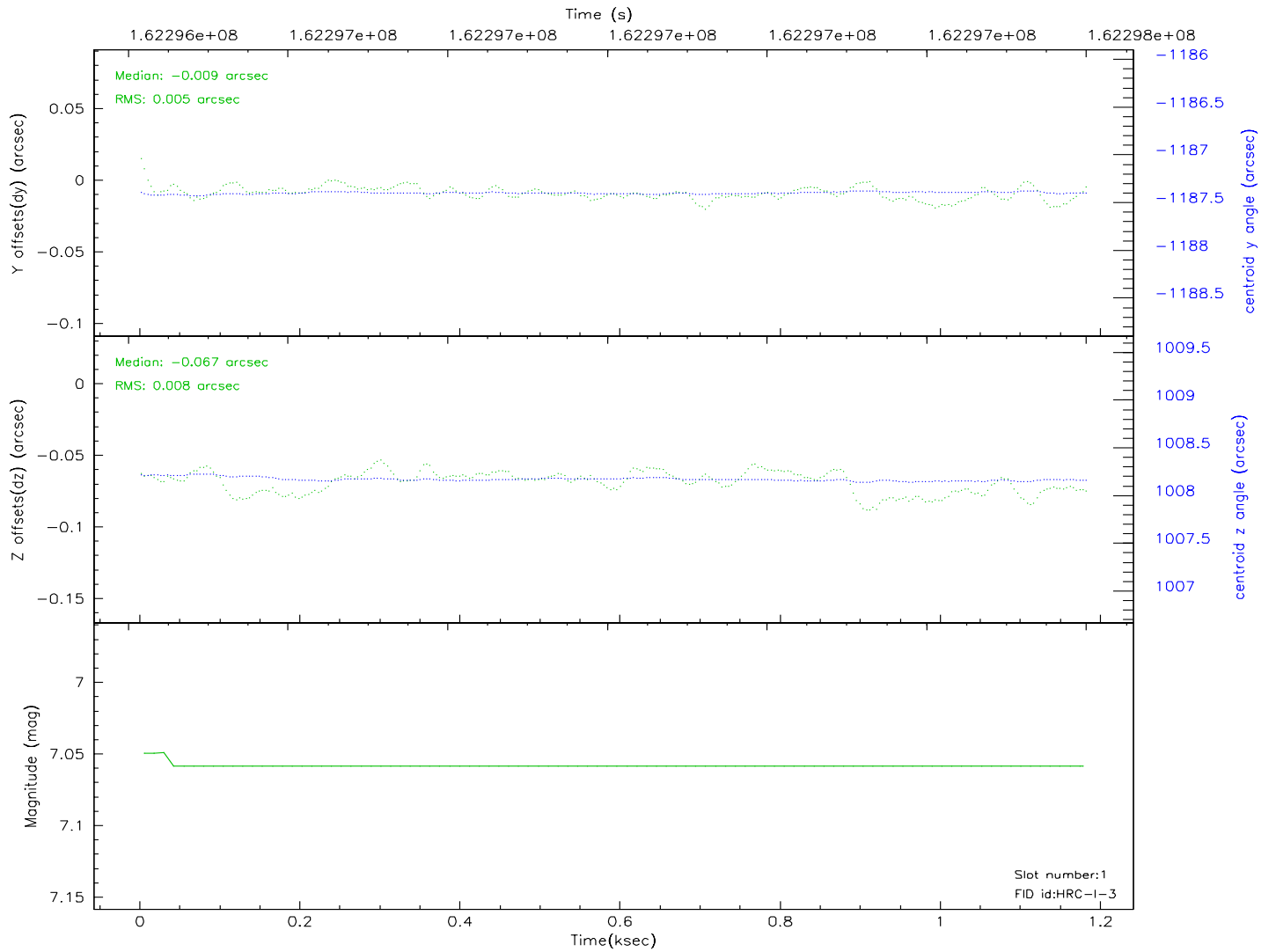
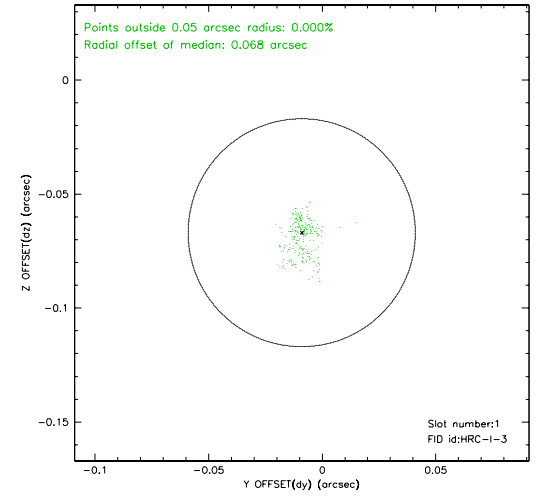
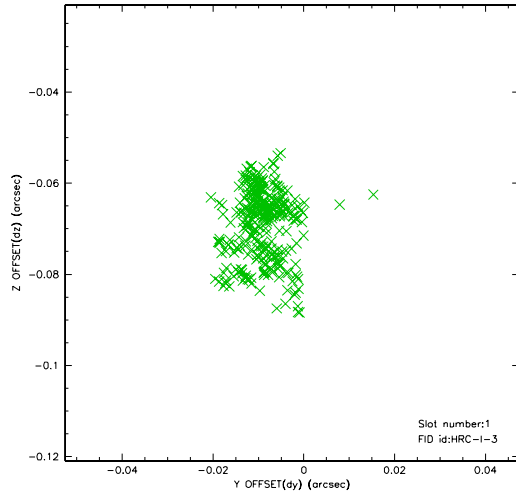


2.5 FID Slots

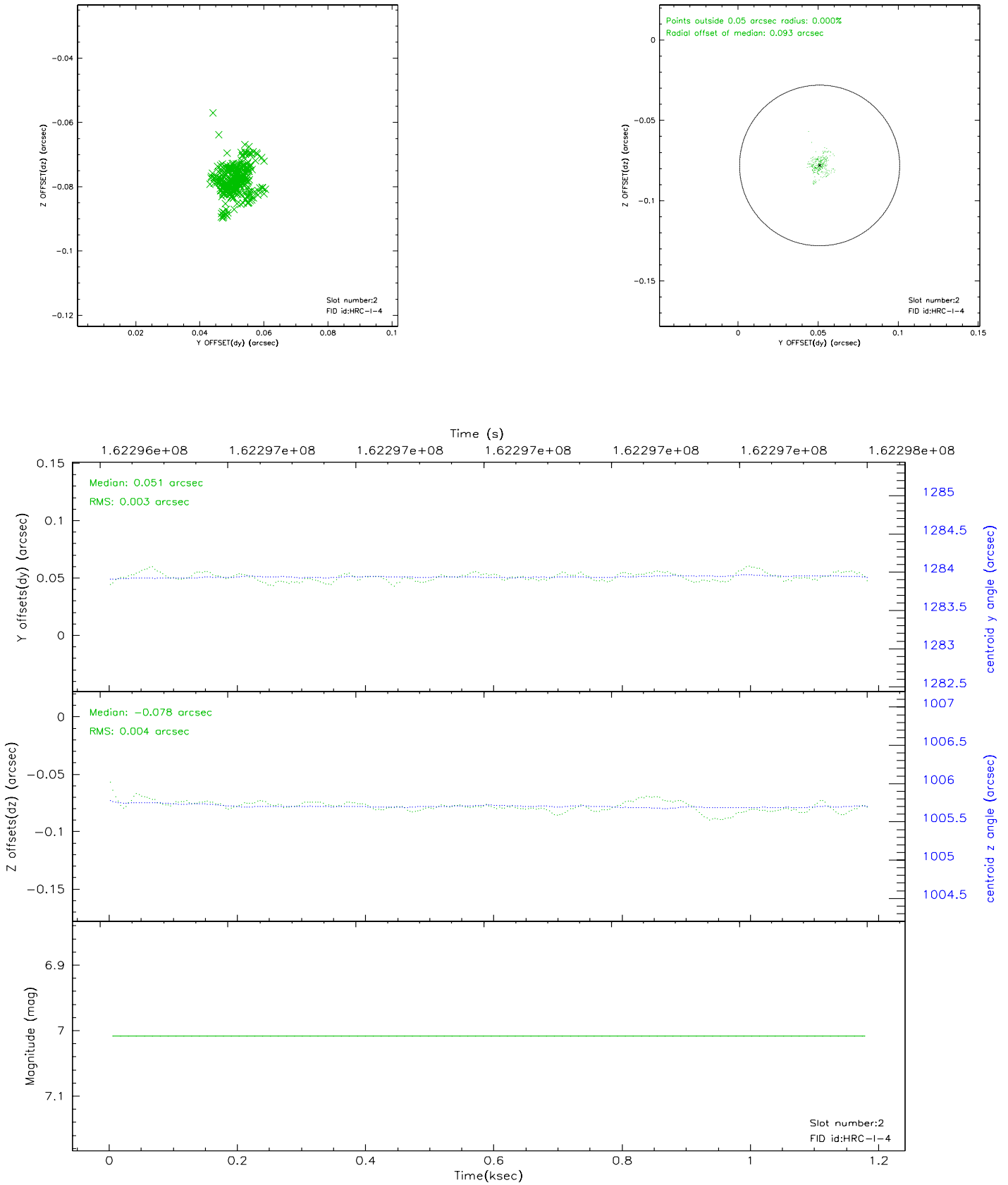
2.5.1 Slot 0



2.5.2 Slot 1

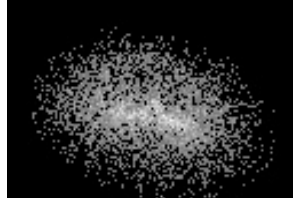


2.5.3 Slot 2



3 Point Sources

6.14 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.181

A.2 Comments

The guide star in slot 3 was manually excluded from the processing due to poor data quality.
Window constraint met.