

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6016 - L2 Version 002
Chandra X-Ray Center

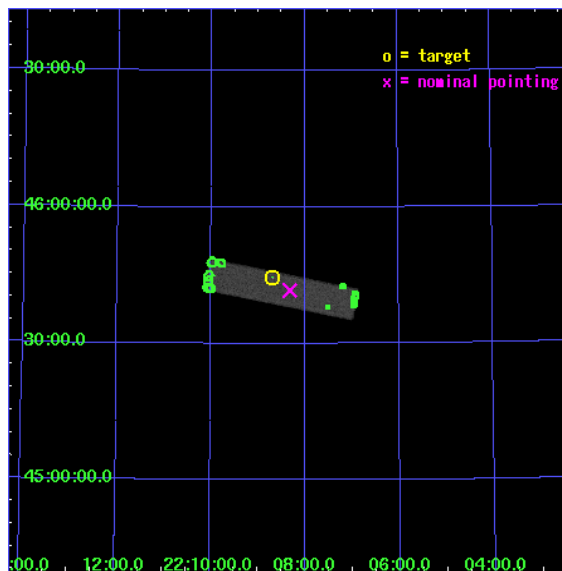
L2 Processing Date : Mar 23 2006

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

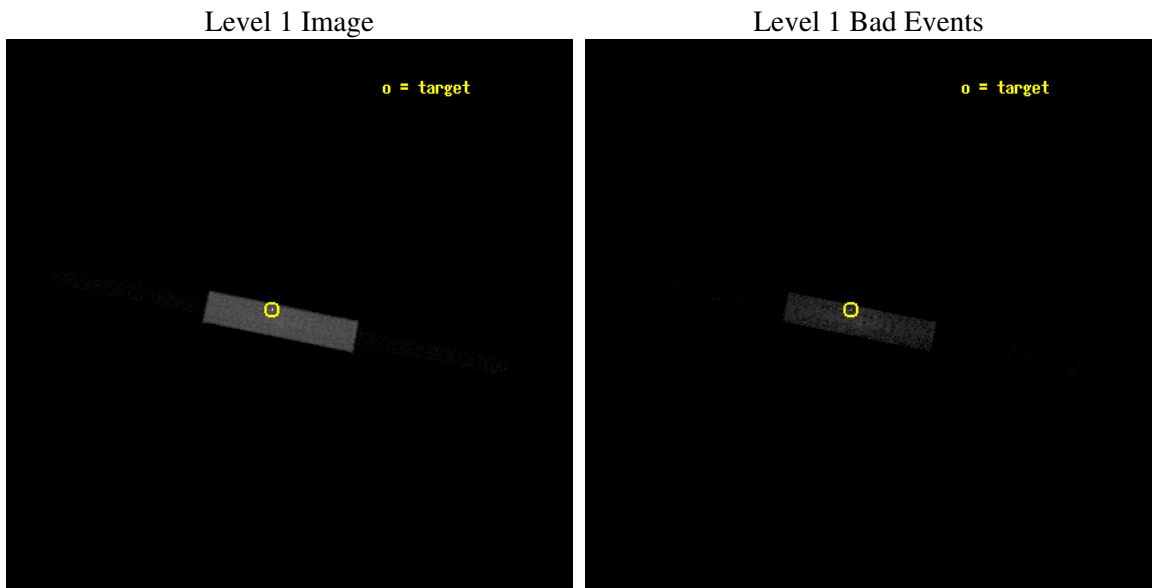
seq_num	290508
obs_id	6016
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07936050195
dec_nom	45.694828218977
roll_nom	191.30277532696
revision	2
ontime	1151.3313028514
livetime	1143.1944693624
l2events	53658



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	2006-03-23T15:16:35
revision	2

sched_exp_time	1000.000000
ontime	1182.8500542939
l1events	91461

2.1.3 Events

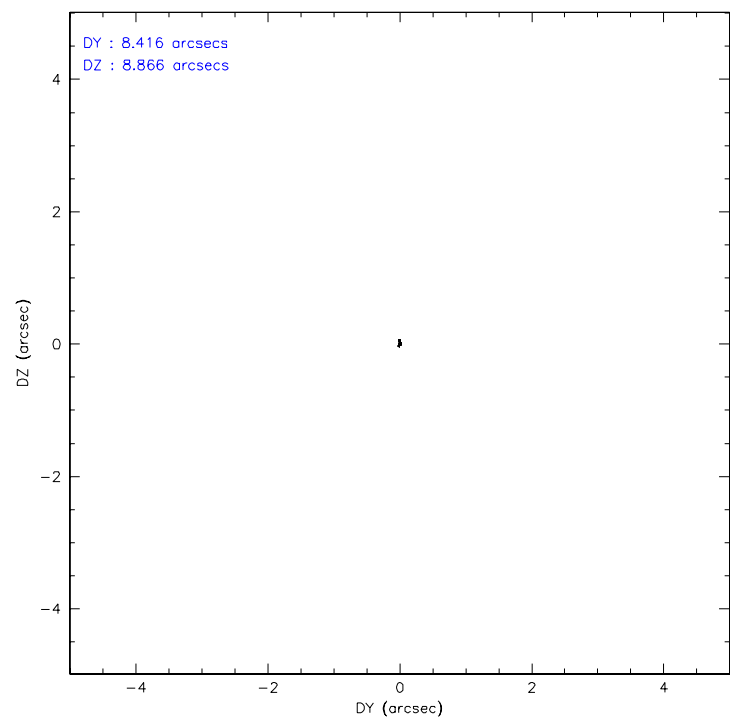
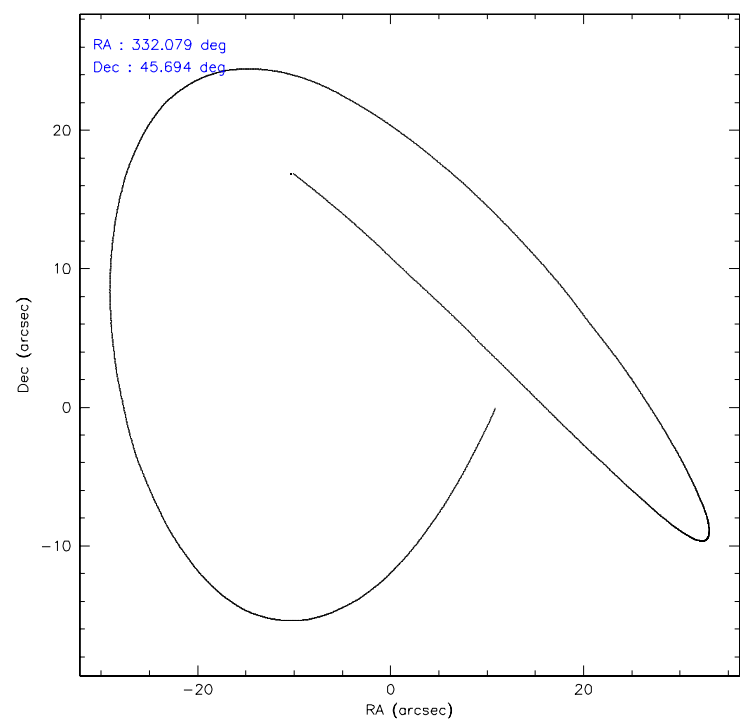
Level 1 Events

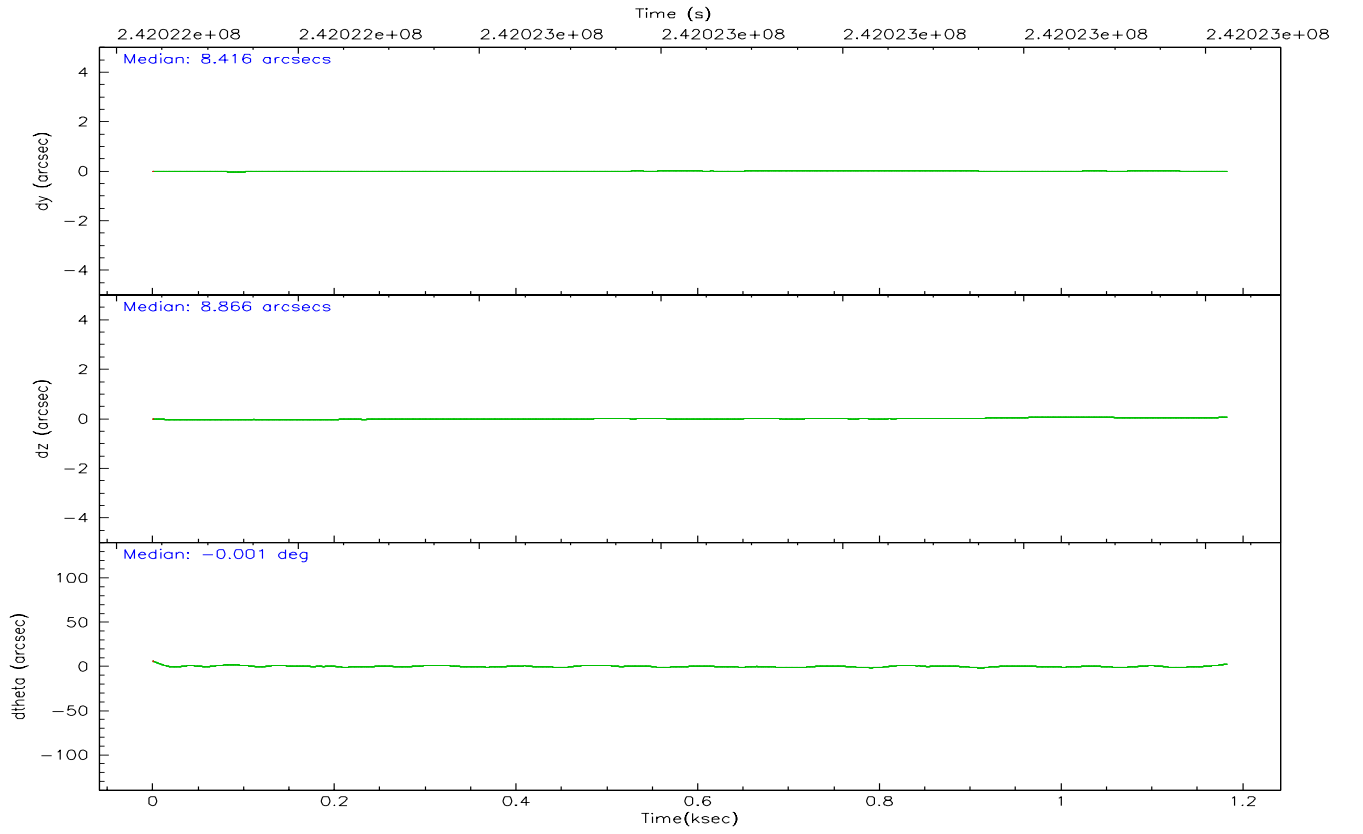
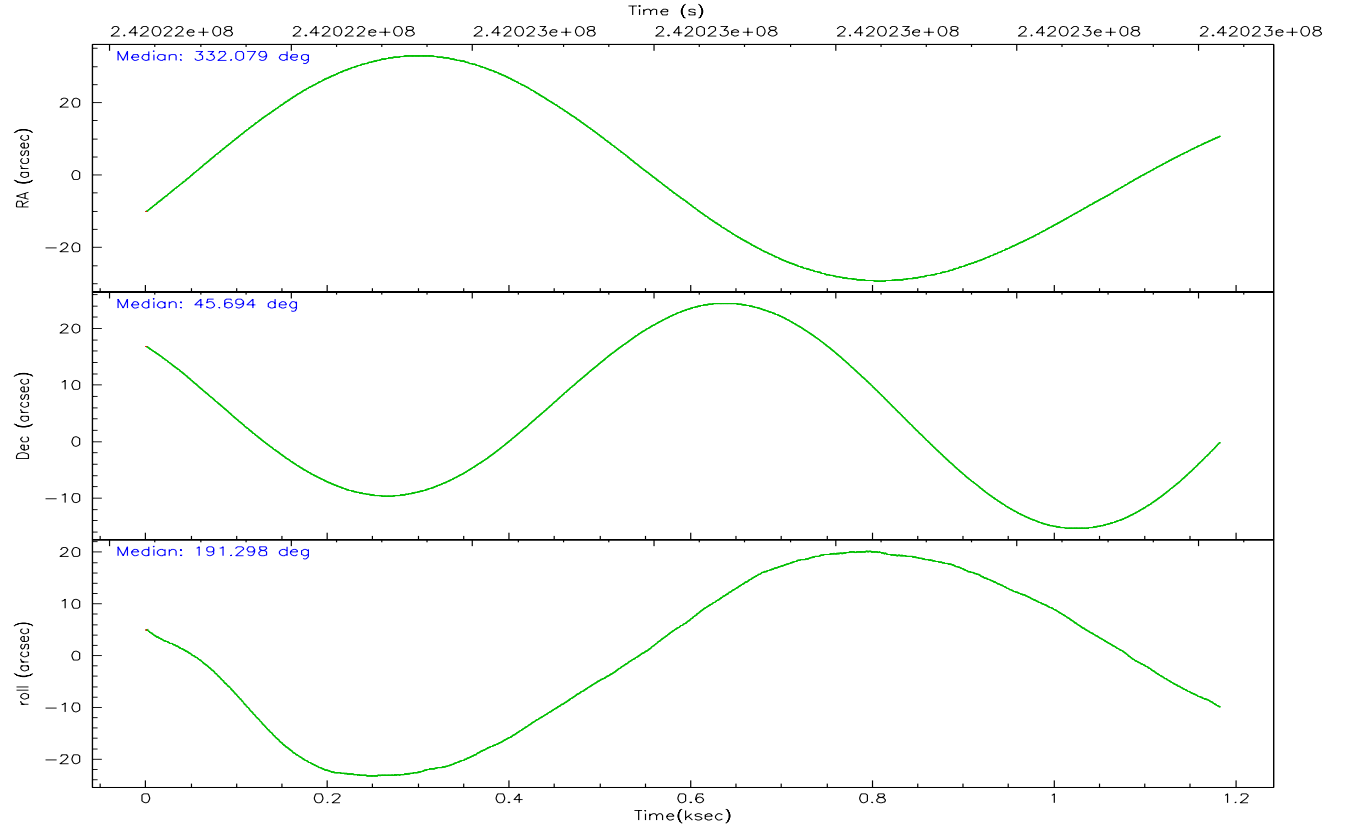
	segment 1	segment 2	segment 3
level 1 events	738	89939	784
rejected events	738	32455	784
rejected %	100%	36%	100%

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	332.108385	332.0793605019546			
Pointing Dec	45.715794	45.69482821897701			
Pointing Roll	191.214644	191.3027753269619			
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	242022424.184000	242022048.05955			
Observation start date	2005-09-02T04:26:00	2005-09-02T04:20:48			
Observation end time	242023424.184000	242023558.39711			
Observation end date	2005-09-02T04:42:40	2005-09-02T04:45:58			

2.3 Aspect



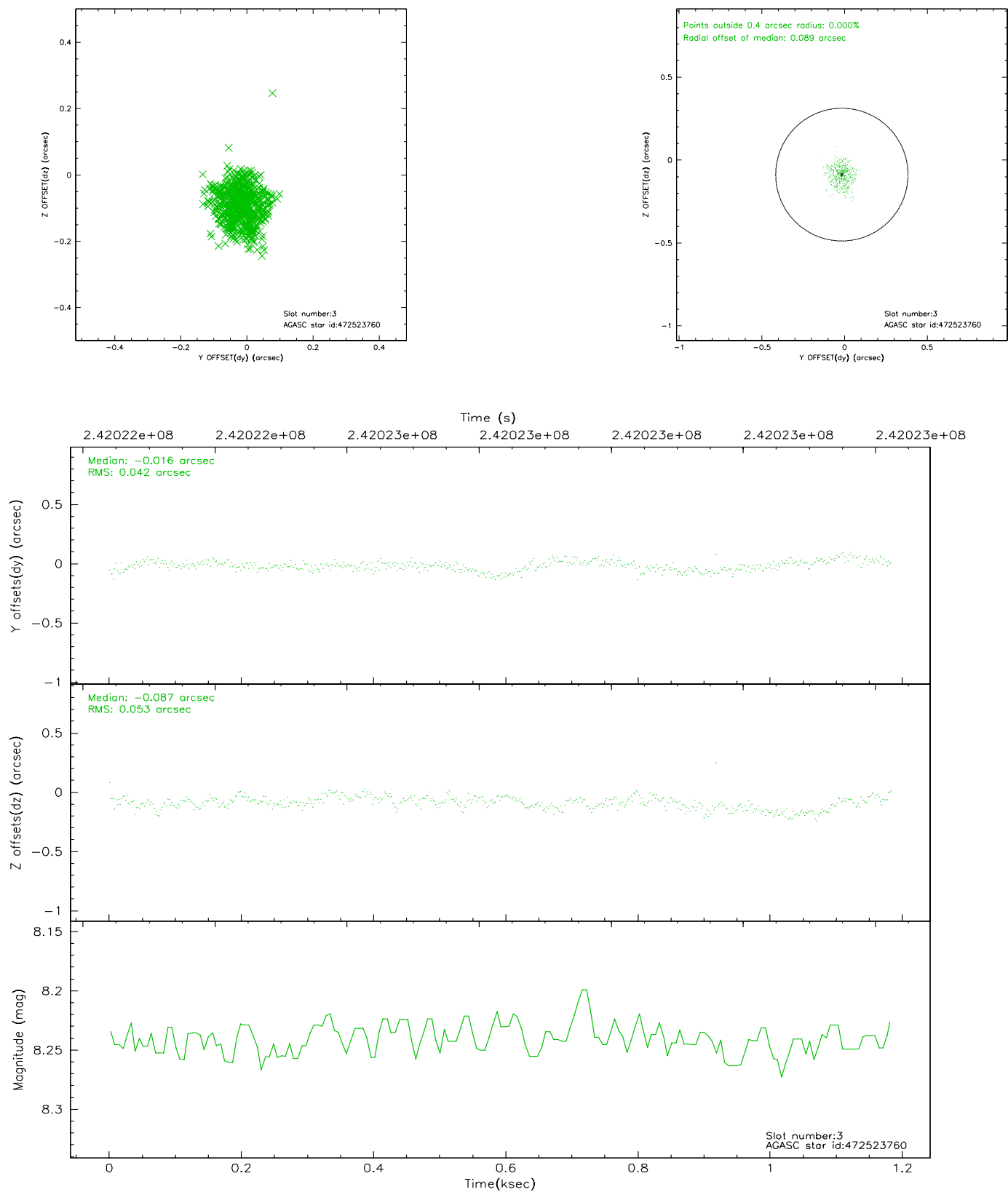


Slot Statistics

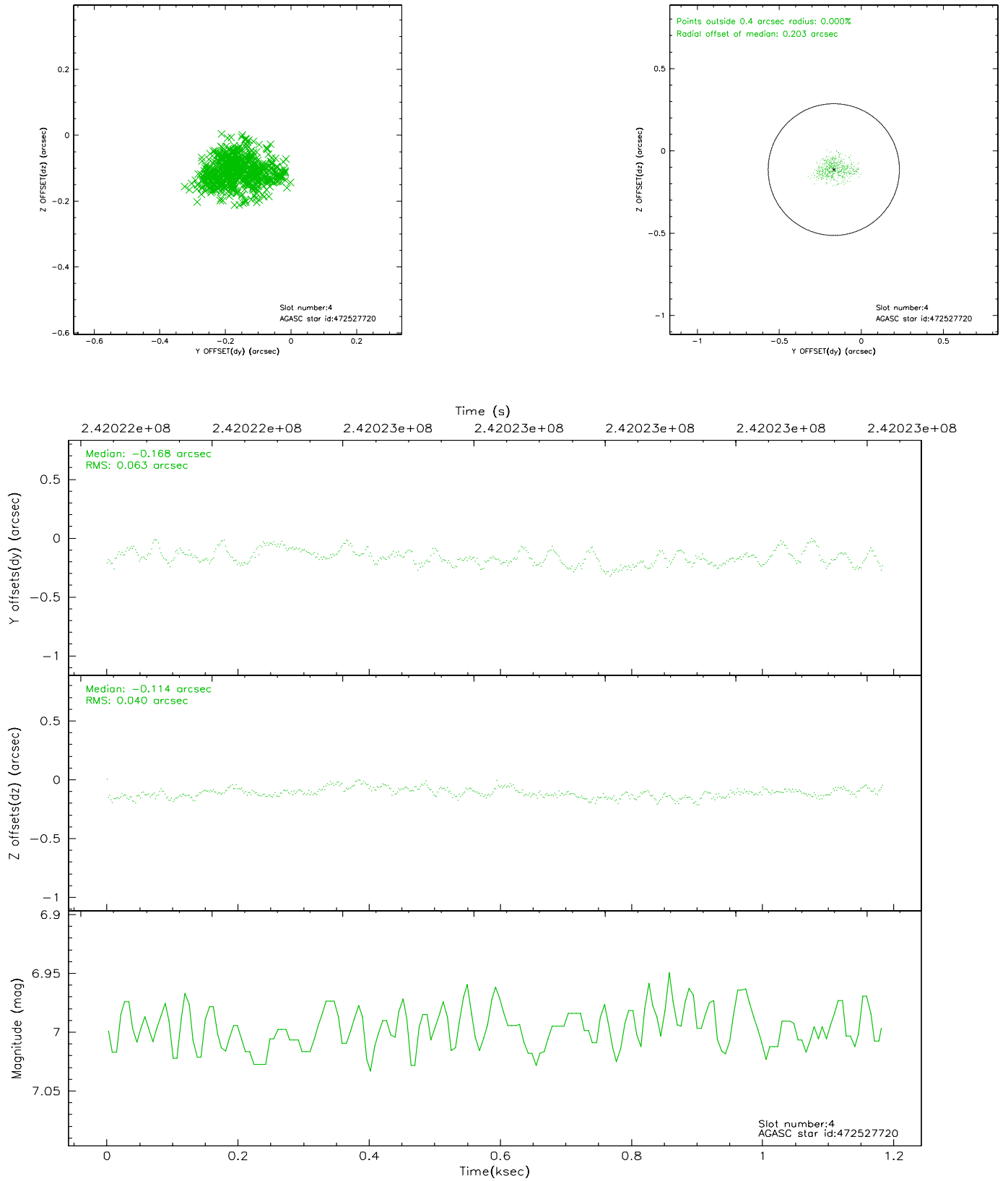
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	289	0.128	-0.106	0.008	0.016	0.000000	0.000000	1237.05	-450.16
1	FID	HRC-S-3	7.04	287	0.058	-0.101	0.005	0.009	0.000000	0.000000	-1161.07	570.54
2	FID	HRC-S-4	7.01	289	0.220	-0.088	0.008	0.013	0.000000	0.000000	1231.75	576.56
3	GUIDE	472523760	8.24	578	-0.016	-0.087	0.074	0.109	331.645363	45.403260	1366.46	869.02
4	GUIDE	472527720	7.00	578	-0.168	-0.114	0.080	0.129	331.460205	45.112509	2038.86	1801.44
5	GUIDE	472535576	7.86	578	-0.141	0.145	0.068	0.107	331.438373	46.291802	1234.18	-2365.45
6	GUIDE	472655152	9.43	578	0.145	0.028	0.115	0.220	332.504239	45.862991	-1074.37	-337.04
7	GUIDE	472665256	9.00	577	0.180	0.037	0.077	0.122	332.808125	46.195041	-2048.73	-1365.20

2.4 Star Slots

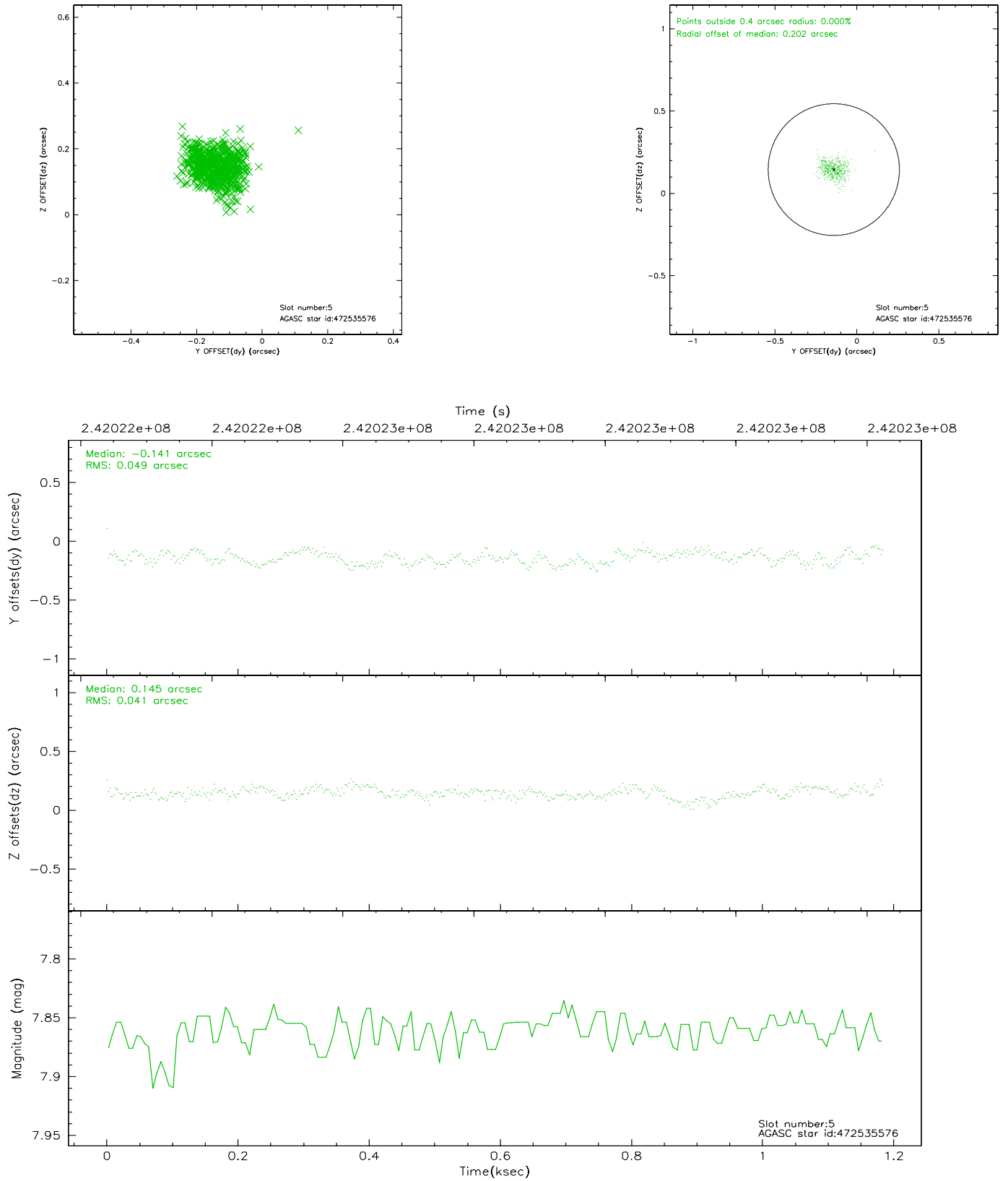
2.4.1 Slot 3



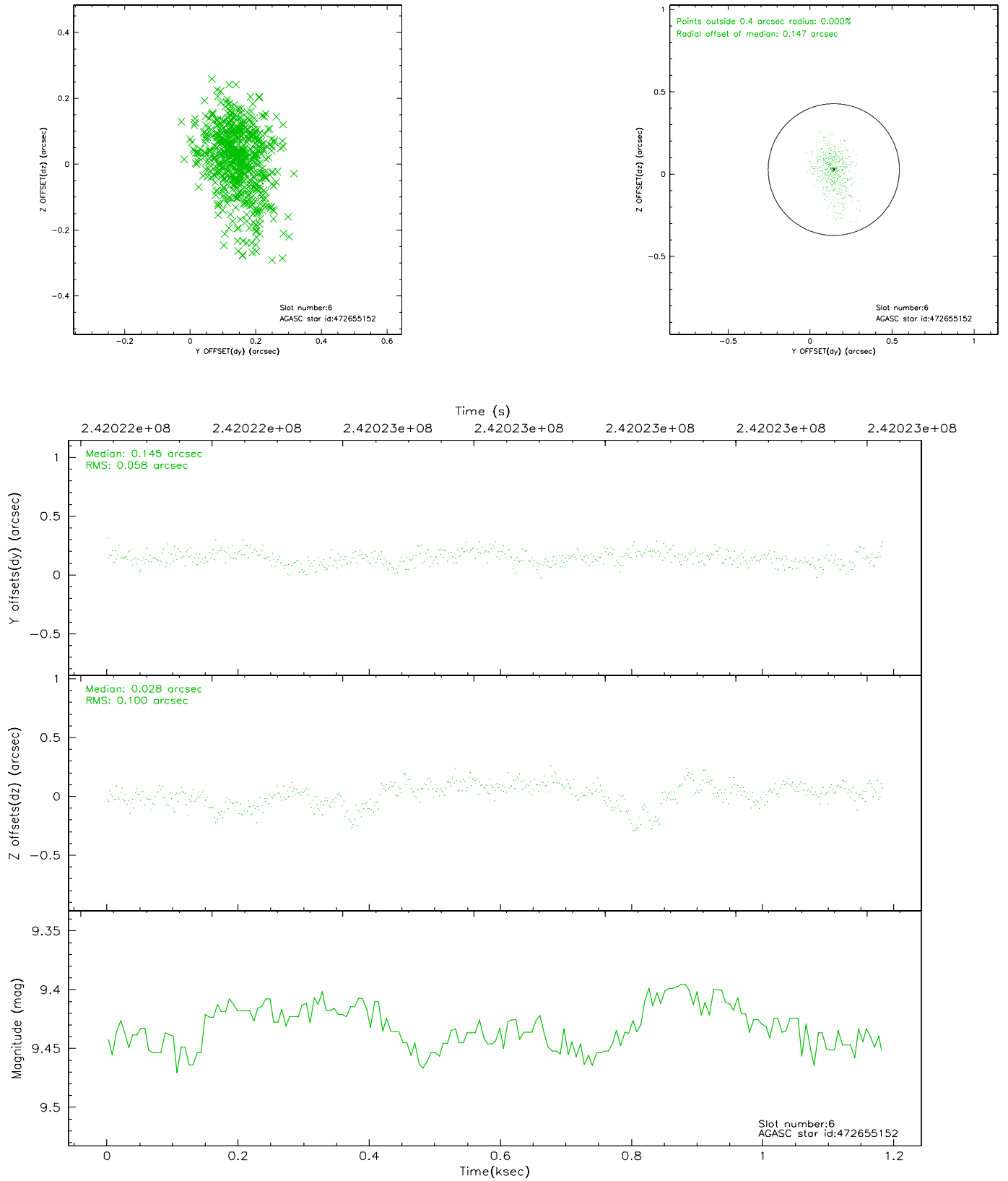
2.4.2 Slot 4



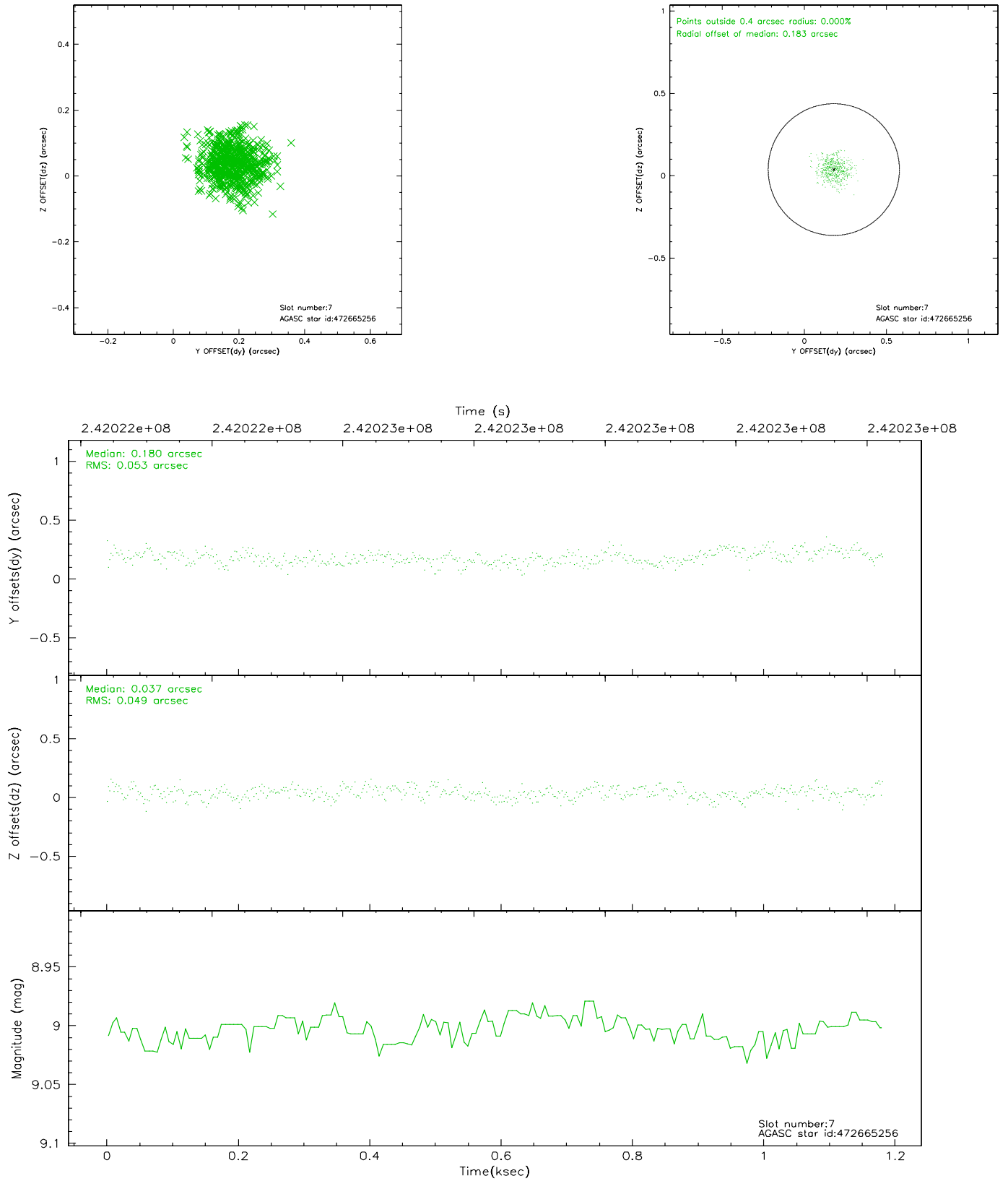
2.4.3 Slot 5



2.4.4 Slot 6

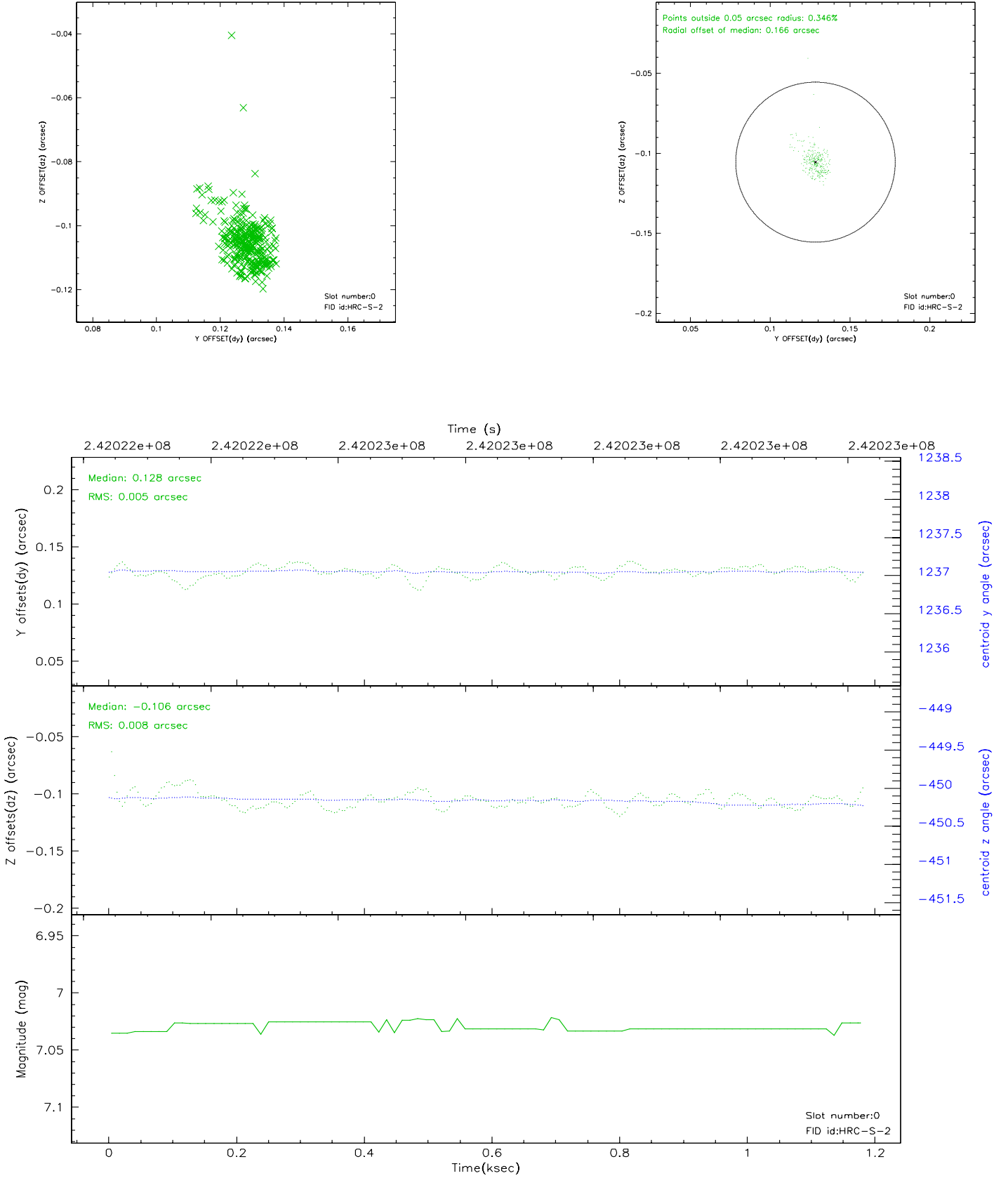


2.4.5 Slot 7

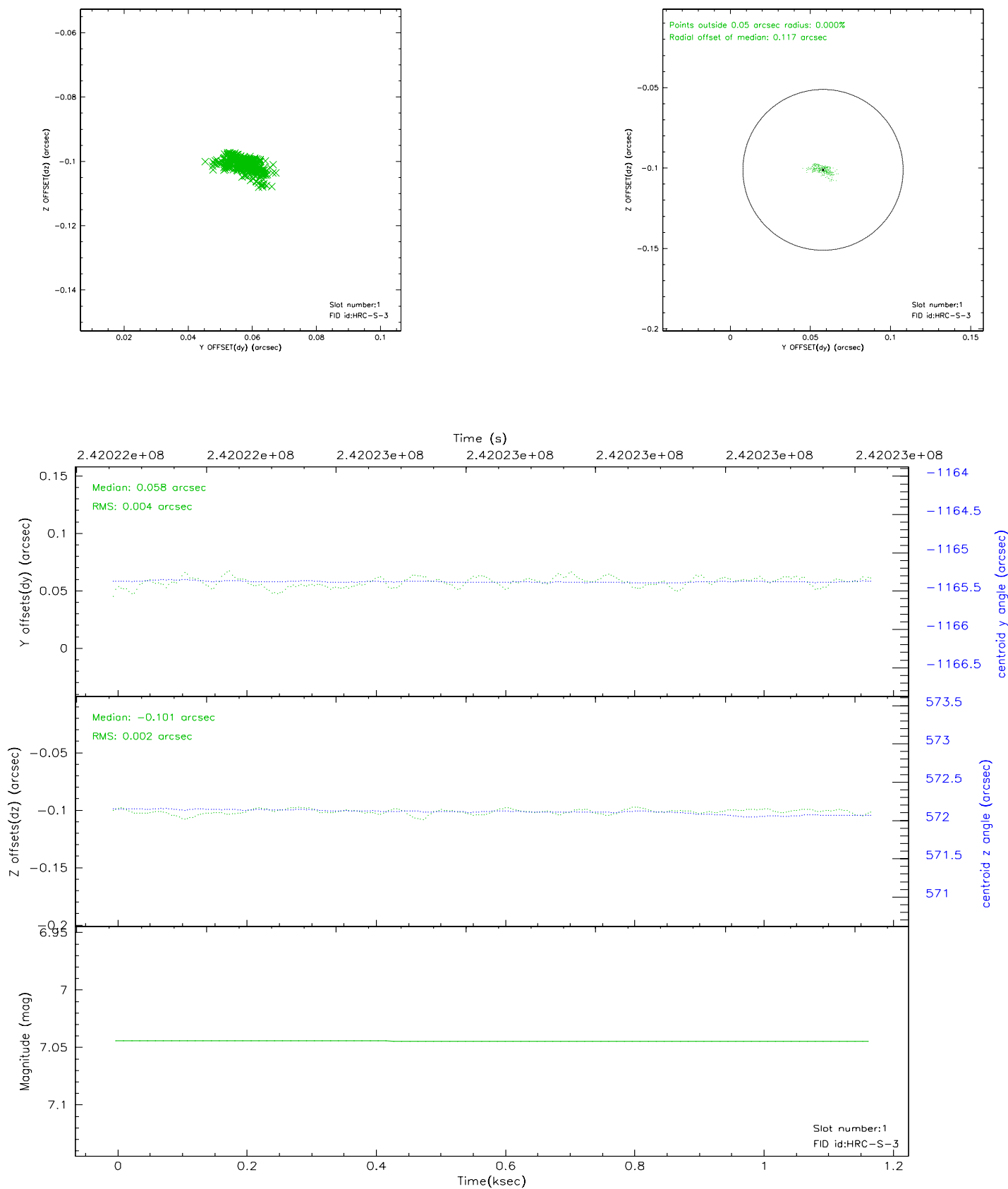


2.5 FID Slots

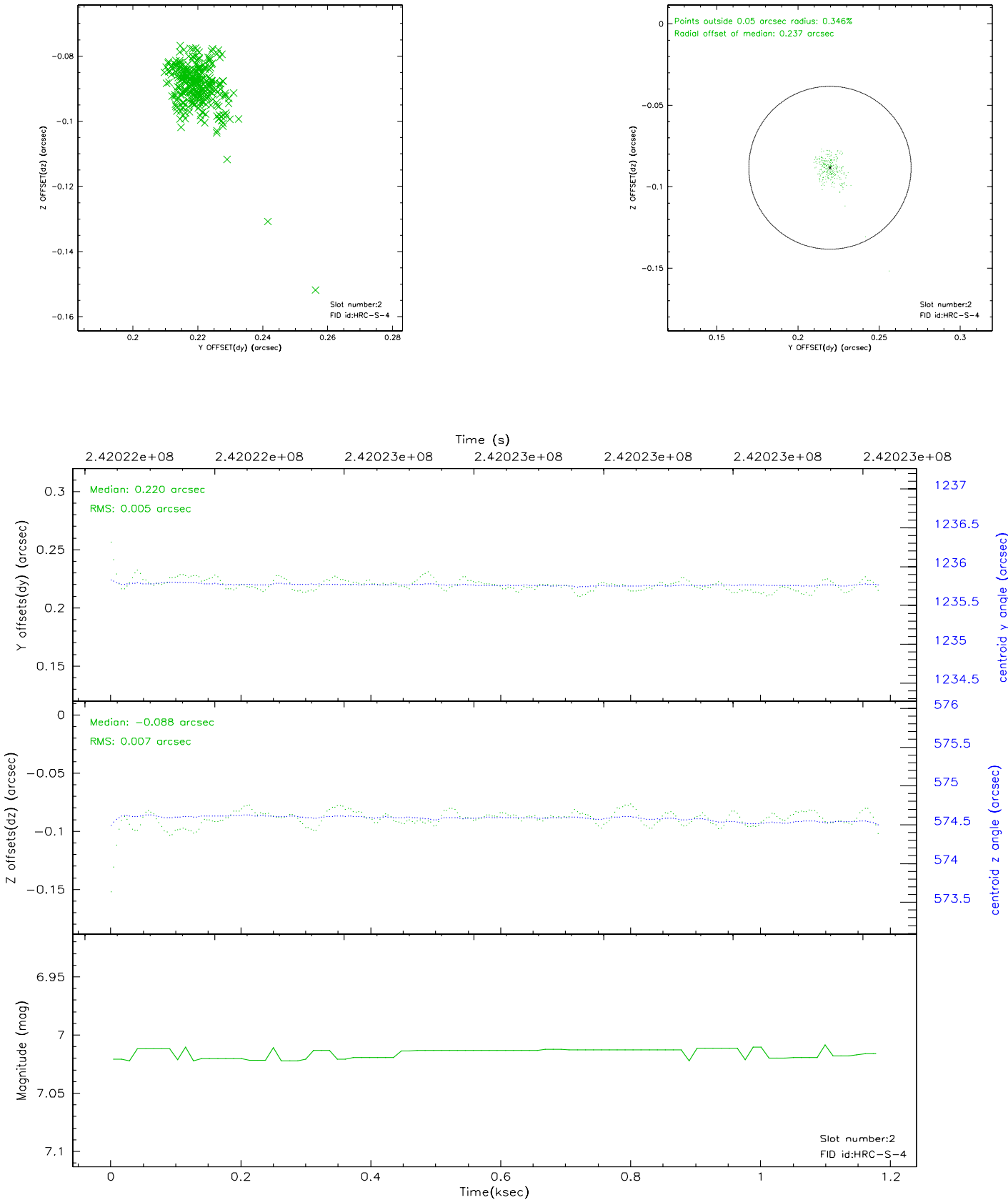
2.5.1 Slot 0



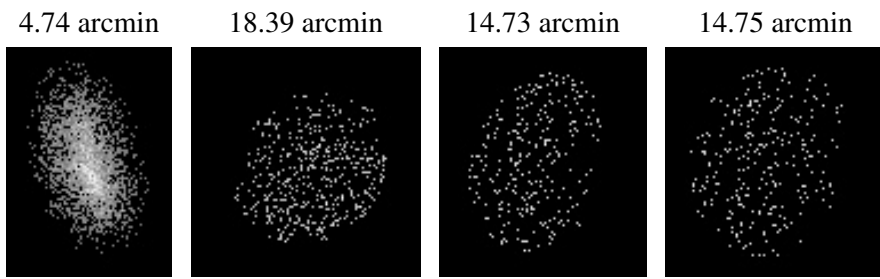
2.5.2 Slot 1



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	1.151331

A.2 Comments