

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6002 - L2 Version 002
Chandra X-Ray Center

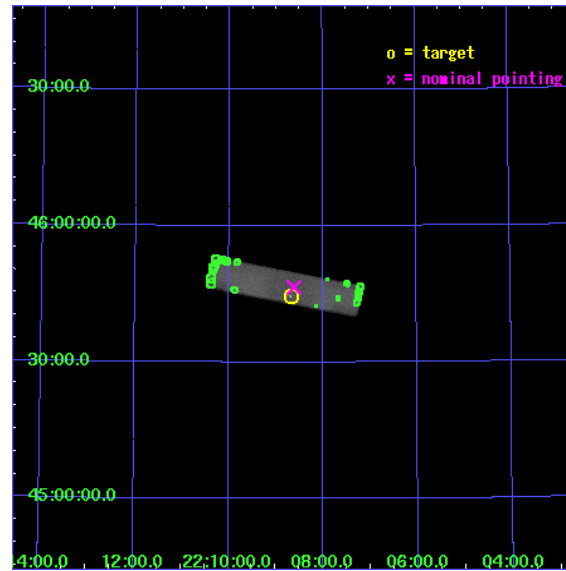
L2 Processing Date : Mar 23 2006

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

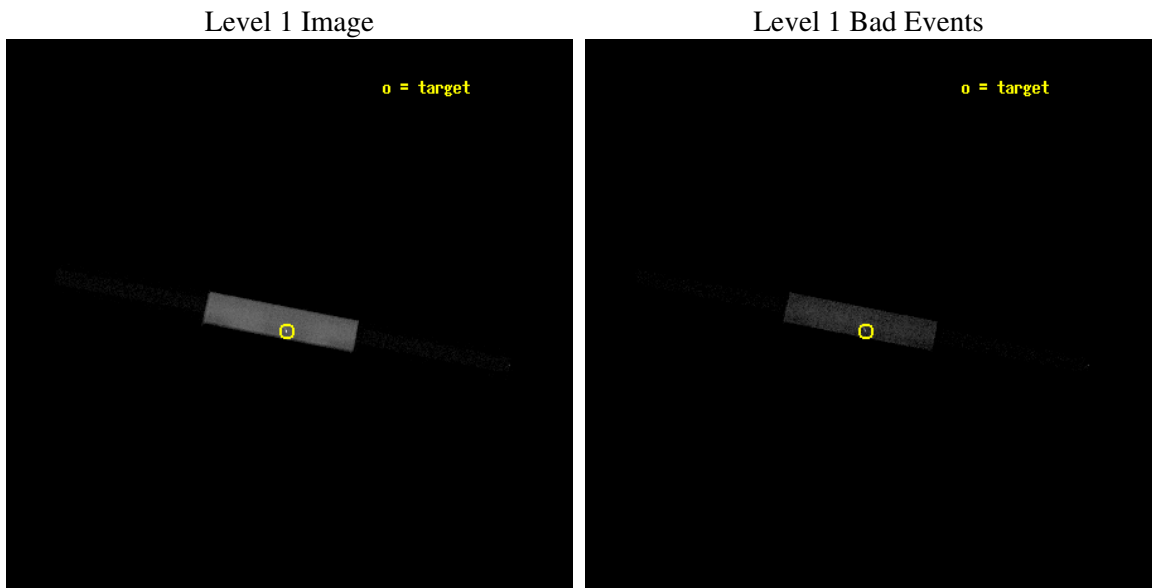
seq_num	290494
obs_id	6002
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.15387130035
dec_nom	45.7751649977
roll_nom	190.93103982756
revision	2
ontime	1151.3313028514
livetime	1133.5108463201
l2events	115263



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	2006-03-23T14:45:59
revision	2

sched_exp_time	1000.000000
ontime	1182.8500542939
l1events	168940

2.1.3 Events

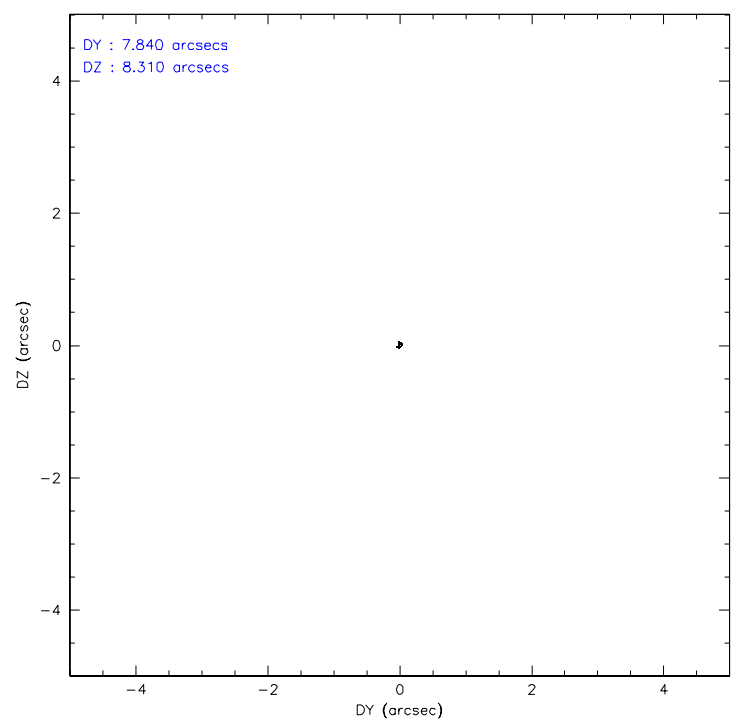
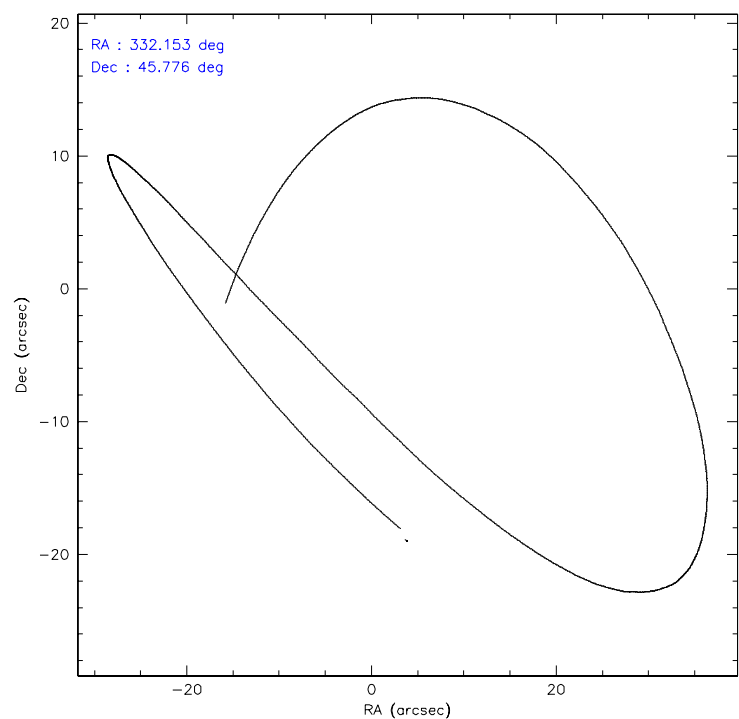
Level 1 Events

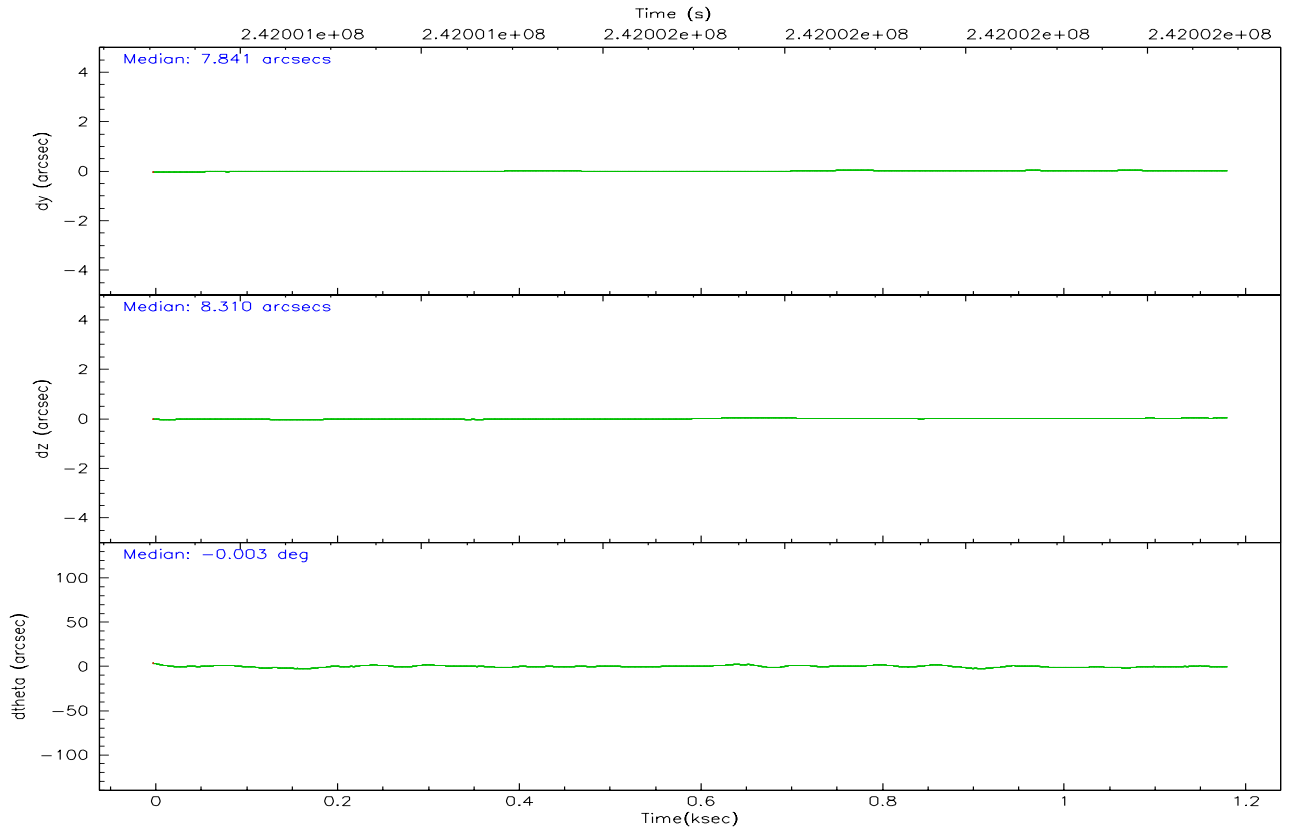
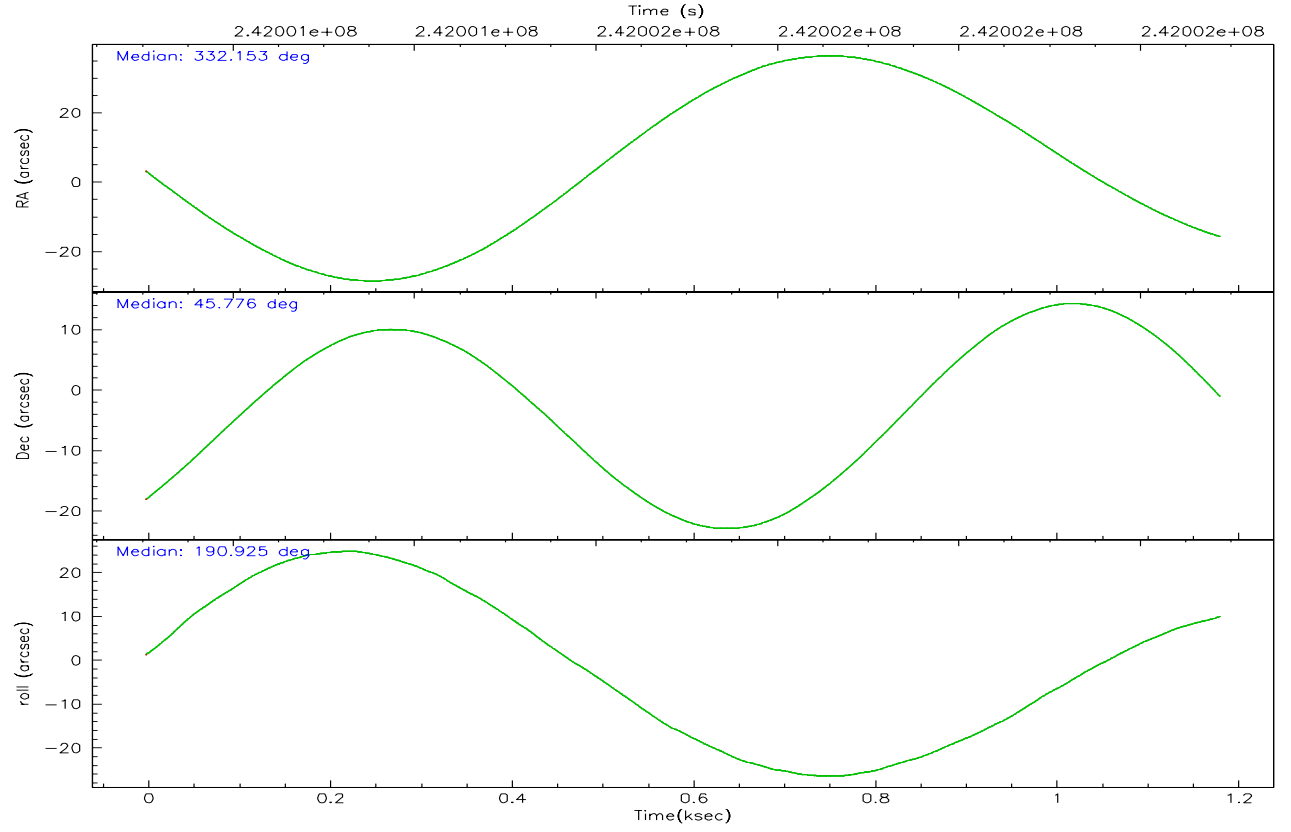
	segment 1	segment 2	segment 3
level 1 events	1415	166266	1259
rejected events	1415	46643	1259
rejected %	100%	28%	100%

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	332.184004	332.1538713003477			
Pointing Dec	45.794069	45.77516499769985			
Pointing Roll	190.842062	190.9310398275616			
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	242001284.184000	242000908.45857			
Observation start date	2005-09-01T22:33:40	2005-09-01T22:28:28			
Observation end time	242002284.184000	242002418.28364			
Observation end date	2005-09-01T22:50:20	2005-09-01T22:53:38			

2.3 Aspect



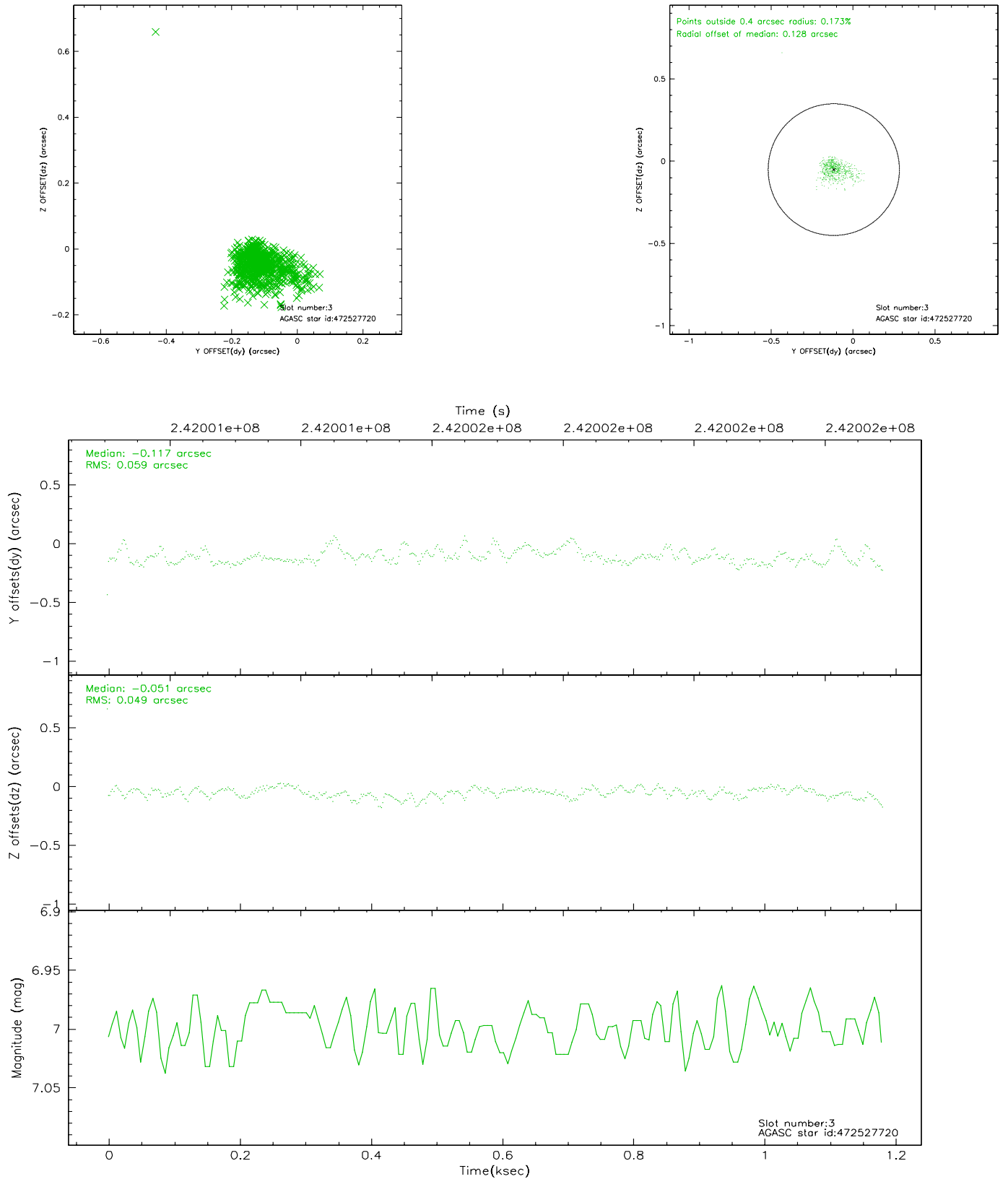


Slot Statistics

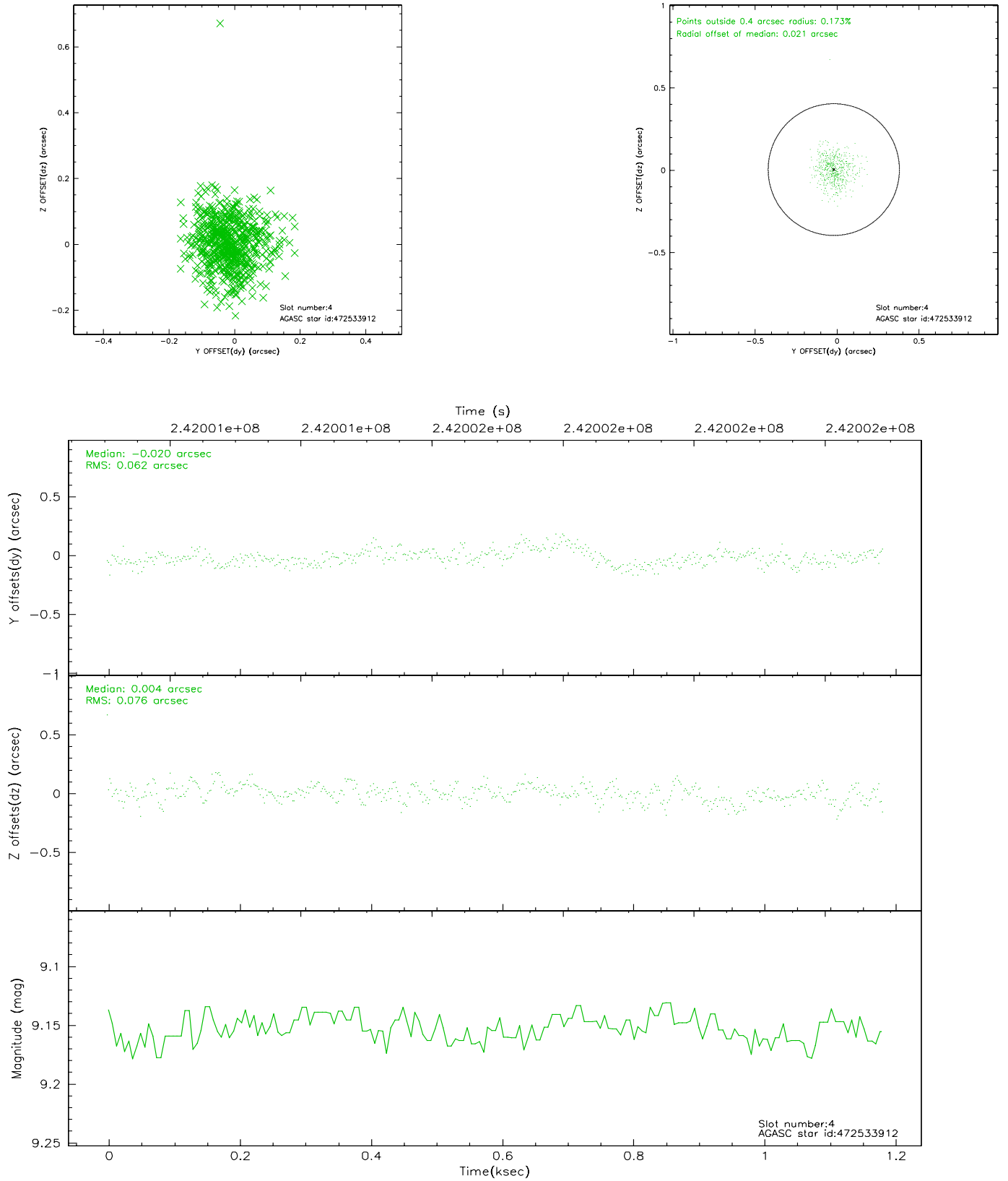
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.078	-0.141	0.005	0.010	0.000000	0.000000	-1162.08	-456.92
1	FID	HRC-S-2	7.04	289	0.100	-0.088	0.010	0.021	0.000000	0.000000	1233.60	-451.11
2	FID	HRC-S-4	7.02	289	0.225	-0.076	0.010	0.020	0.000000	0.000000	1240.61	573.65
3	GUIDE	472527720	7.00	578	-0.117	-0.051	0.068	0.140	331.460205	45.112509	2265.33	2059.60
4	GUIDE	472533912	9.15	577	-0.020	0.004	0.100	0.165	331.791136	46.368695	572.65	-2210.47
5	GUIDE	472535576	7.86	578	-0.170	0.062	0.068	0.116	331.438373	46.291802	1483.69	-2117.35
6	GUIDE	472655152	9.45	578	0.123	0.018	0.108	0.218	332.504239	45.862991	-833.22	-94.41
7	GUIDE	472665256	9.01	576	0.174	-0.012	0.077	0.130	332.808125	46.195041	-1801.71	-1128.06

2.4 Star Slots

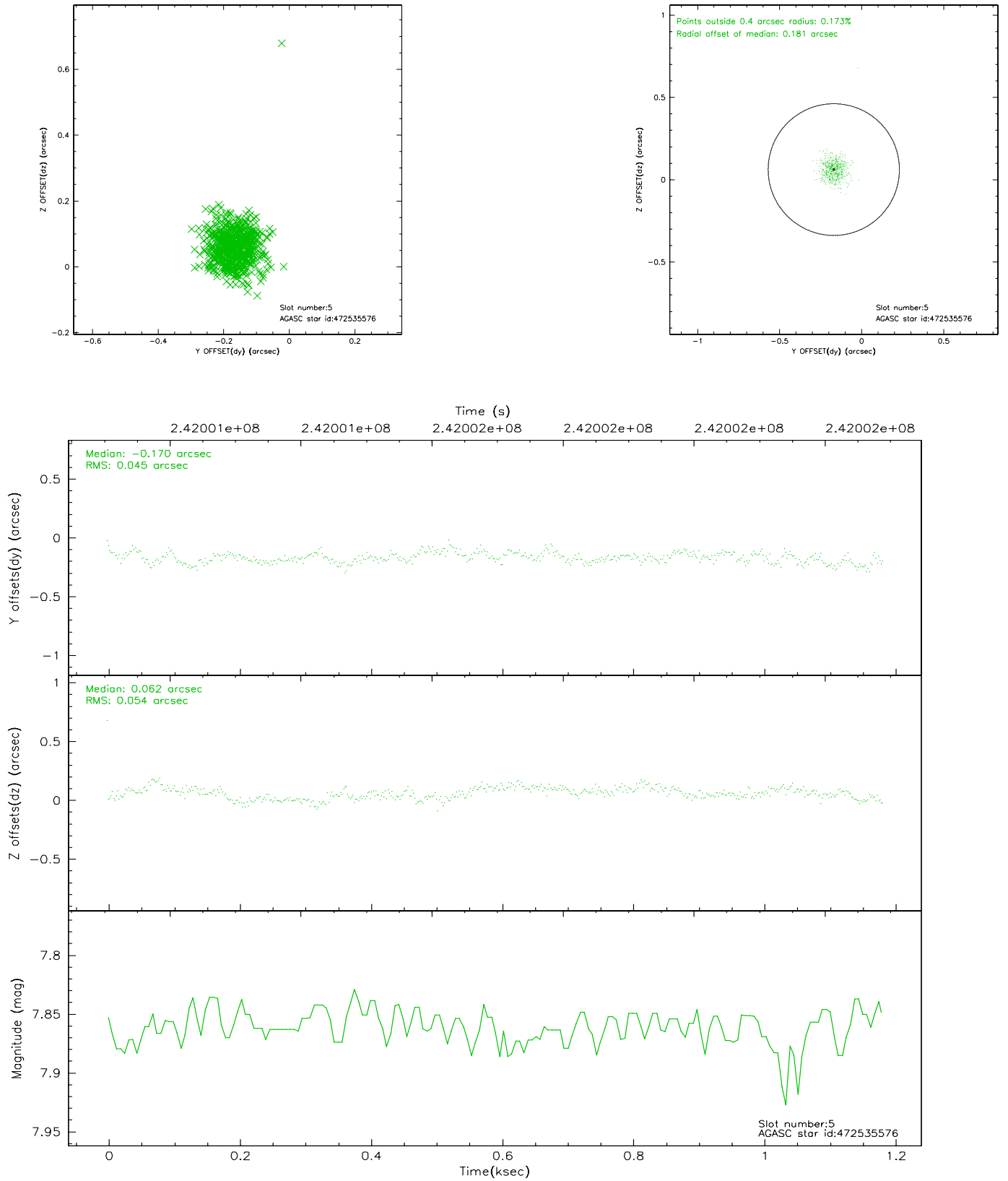
2.4.1 Slot 3



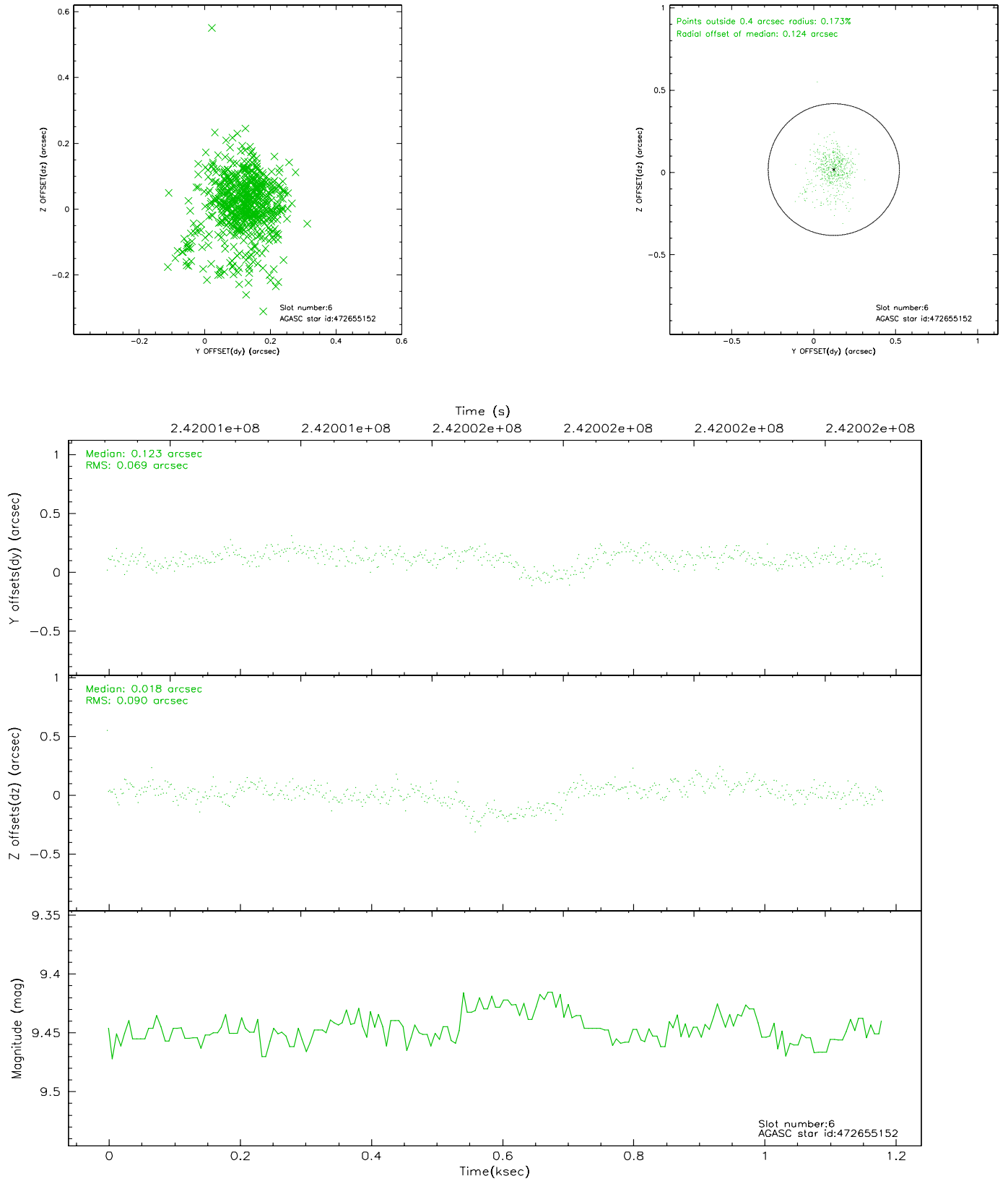
2.4.2 Slot 4



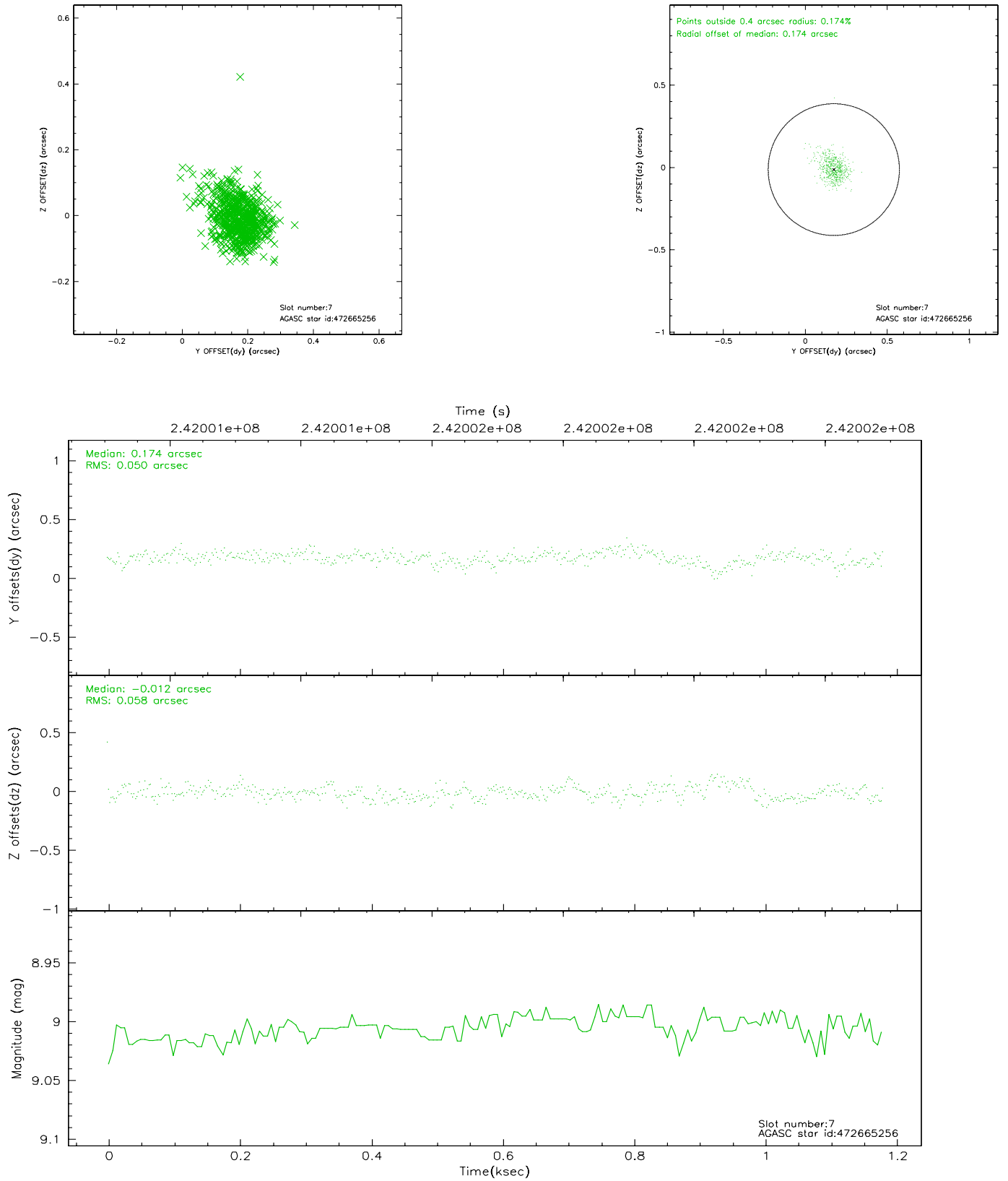
2.4.3 Slot 5



2.4.4 Slot 6

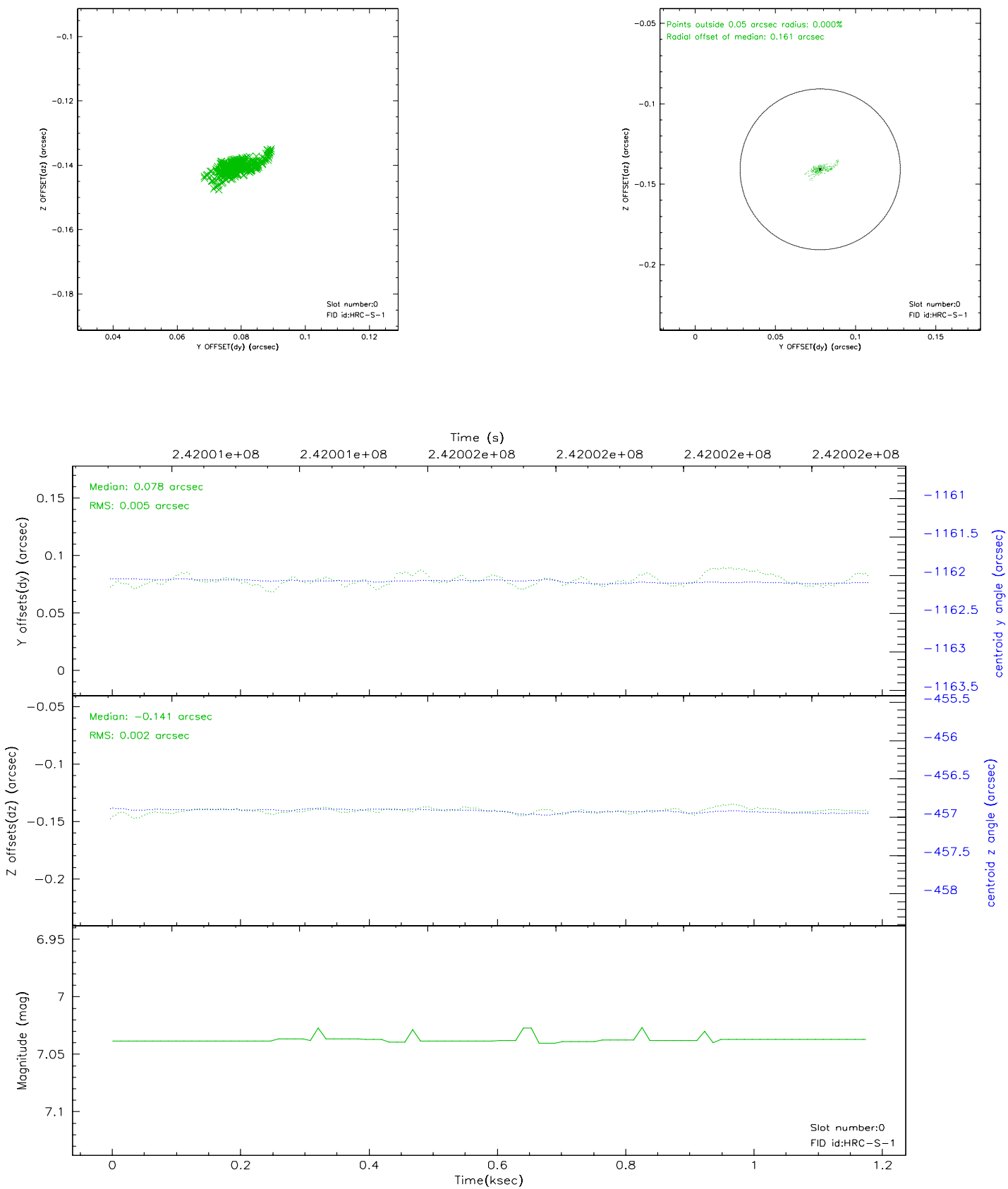


2.4.5 Slot 7

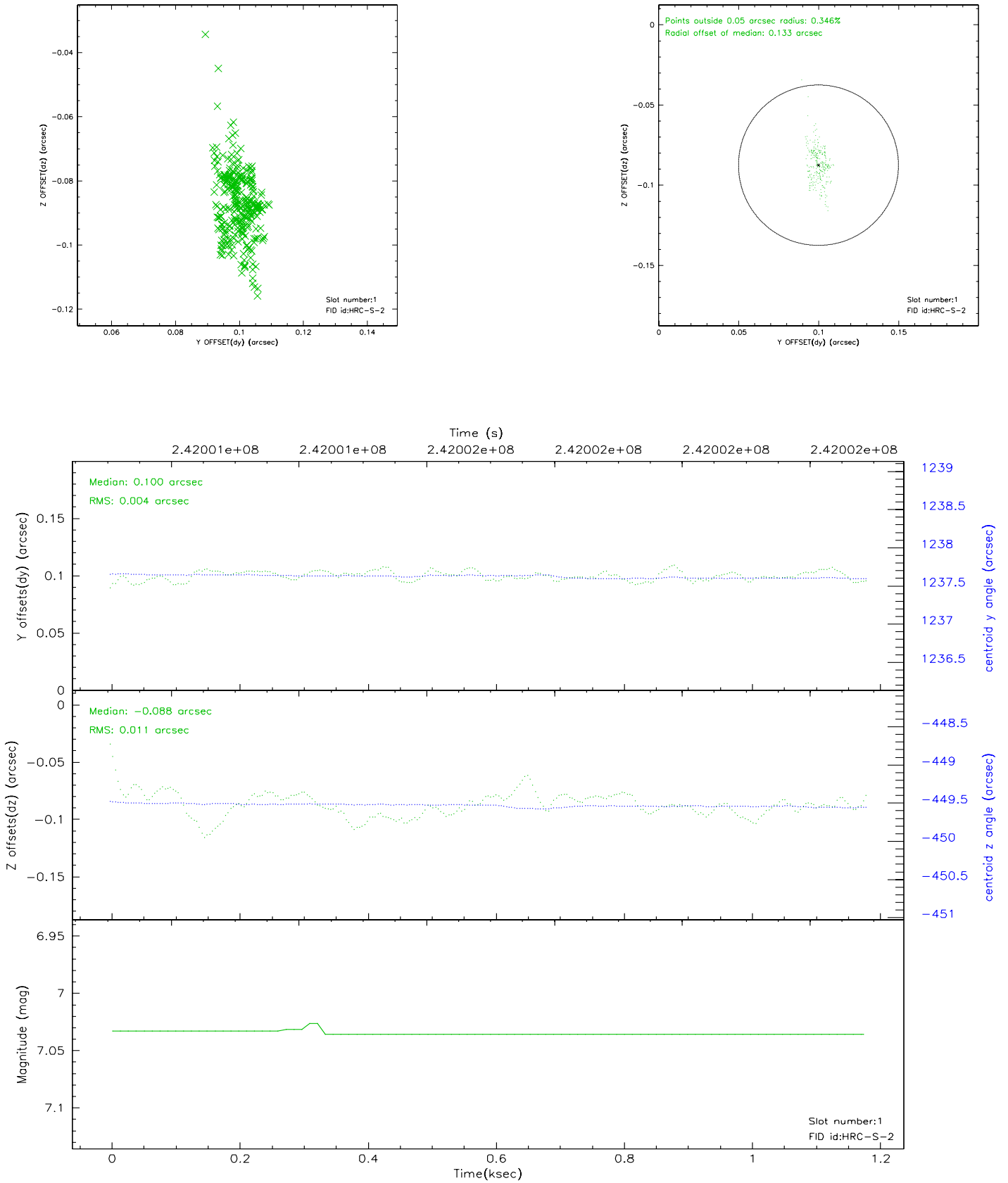


2.5 FID Slots

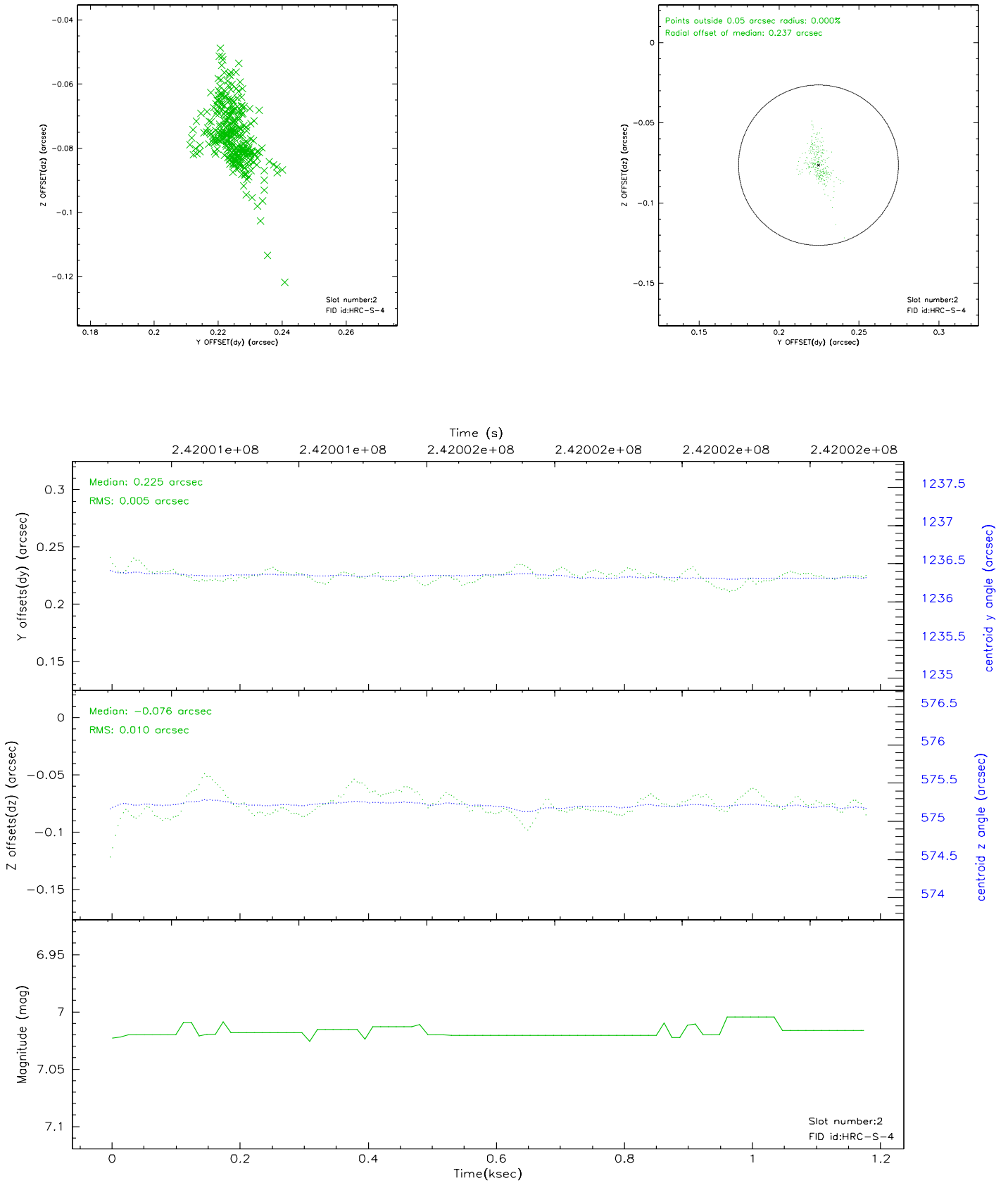
2.5.1 Slot 0



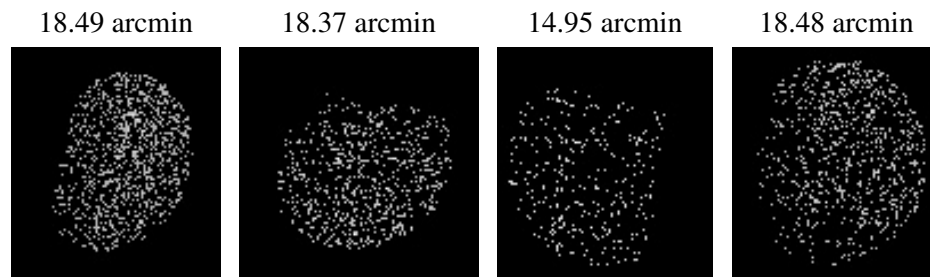
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
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