

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2666 - L2 Version 001
Chandra X-Ray Center

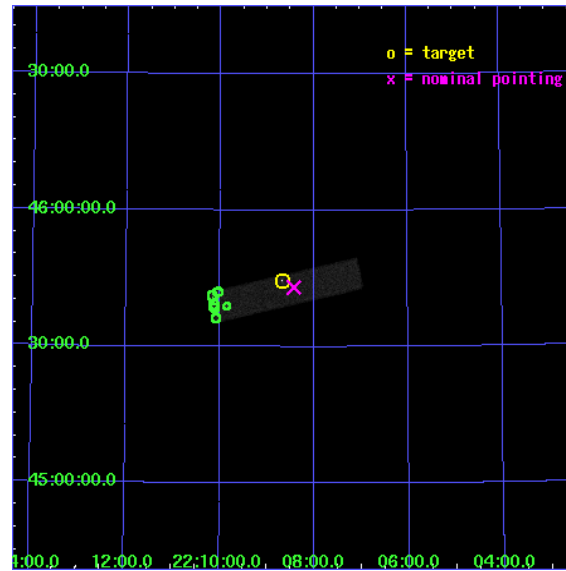
L2 Processing Date : Sep 30 2006

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

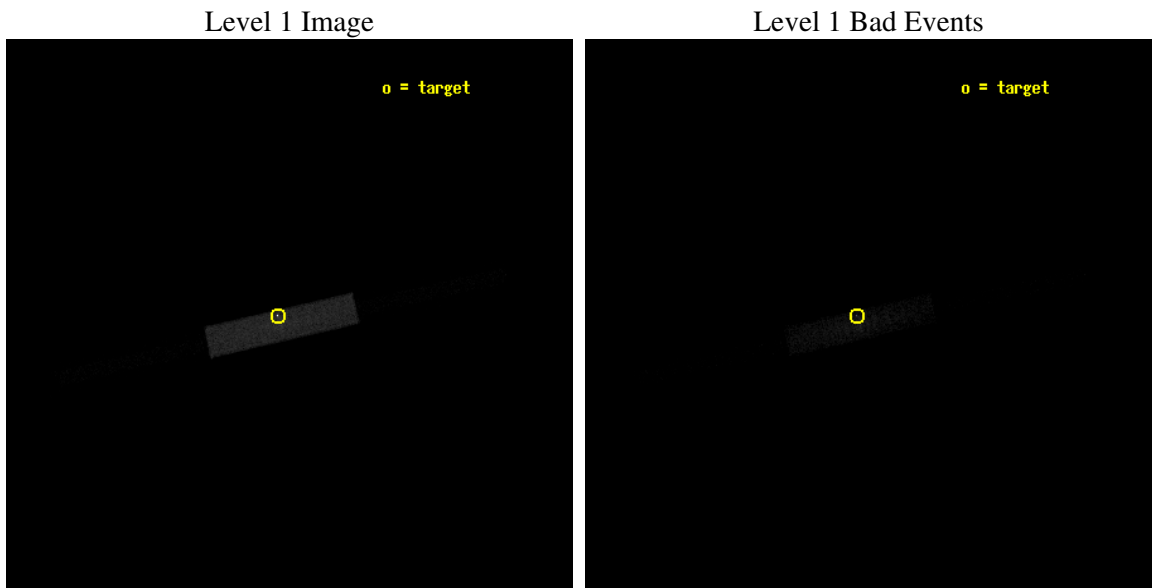
seq_num	290222
obs_id	2666
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.10650464448
dec_nom	45.718067658754
roll_nom	167.05189870962
revision	2
ontime	1142.1062970459
livetime	1136.2909691065
l2events	39539



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	2006-09-30T13:57:06
revision	2

sched_exp_time	1000.000000
ontime	1184.1312987804
l1events	64547

2.1.3 Events

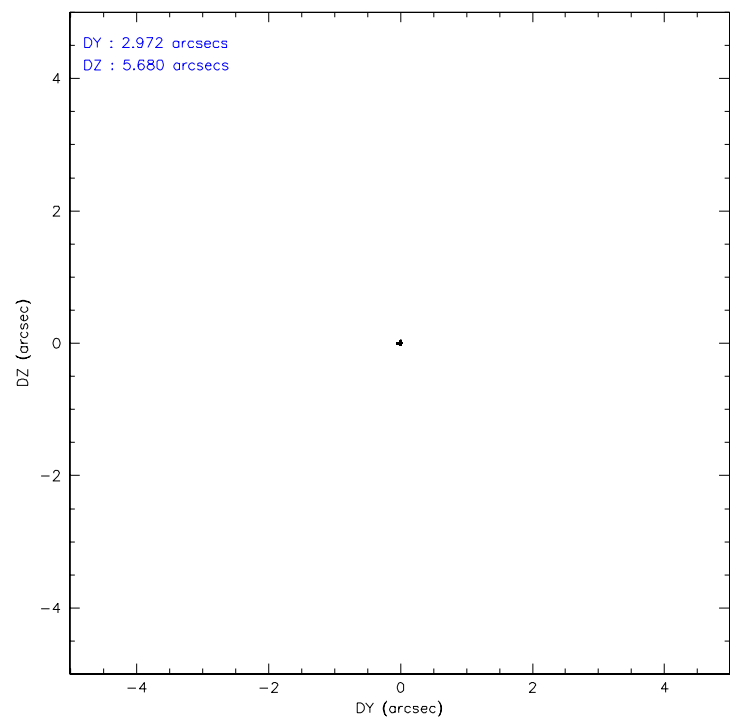
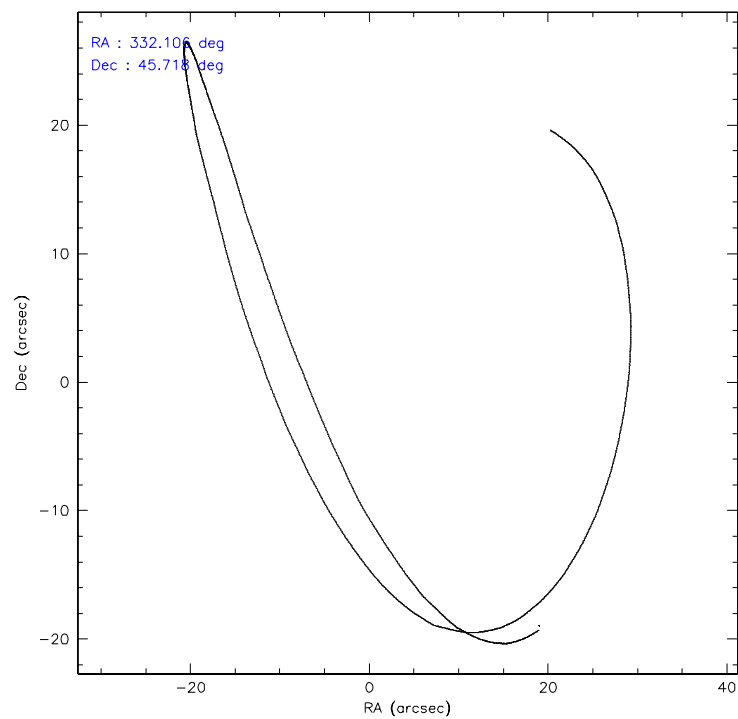
Level 1 Events

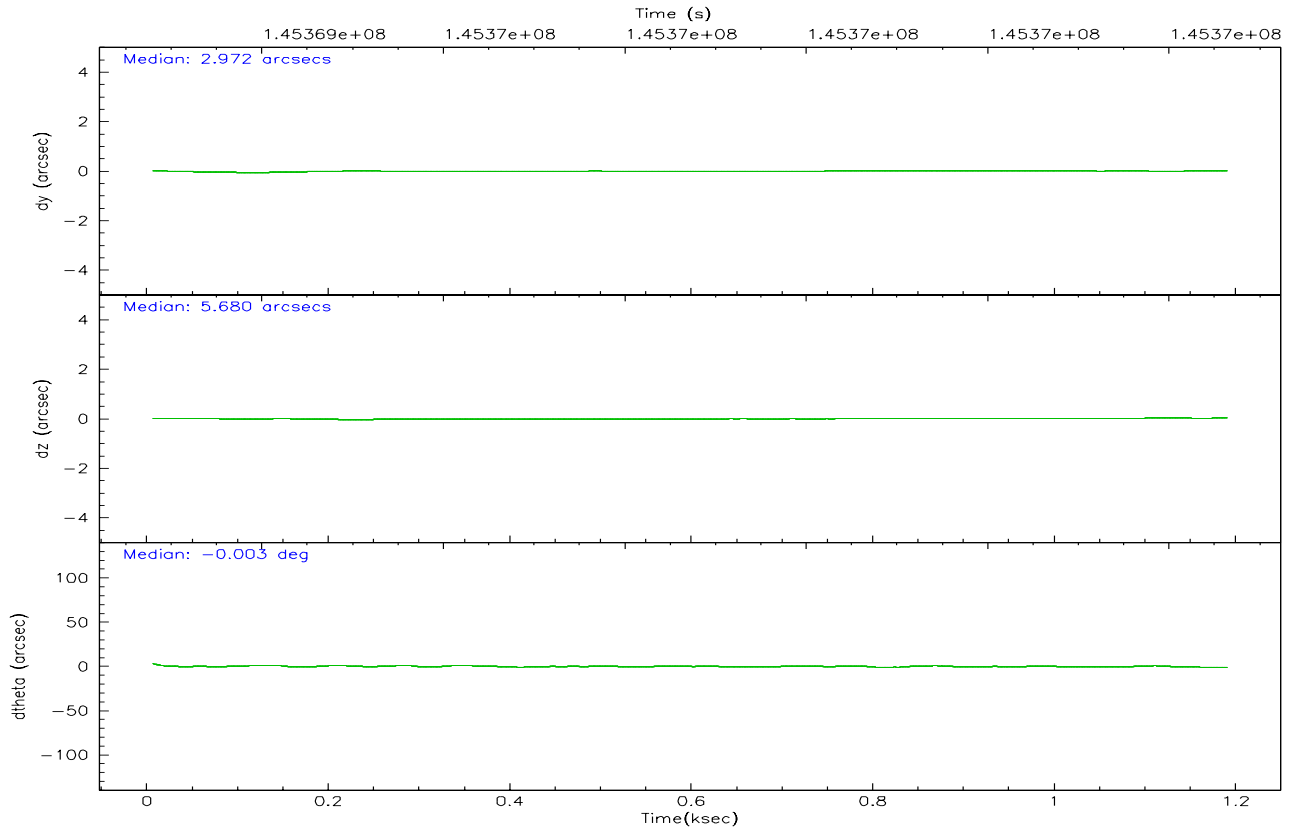
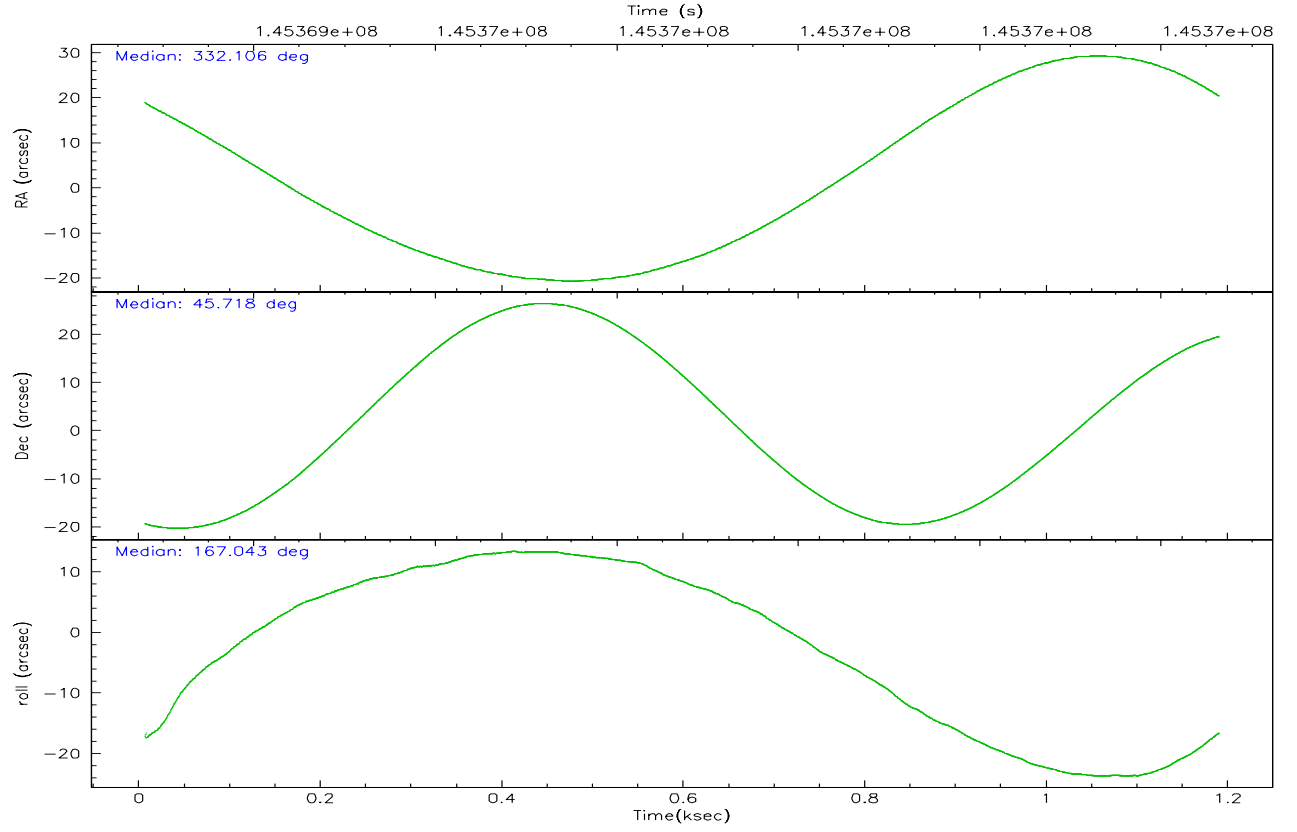
	segment 1	segment 2	segment 3
level 1 events	1014	62533	1000
rejected events	1014	20352	1000
rejected %	100%	32%	100%

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	332.144738	332.1065046444822			
Pointing Dec	45.728258	45.71806765875414			
Pointing Roll	166.957204	167.0518987096241			
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	145369470.184000	145369094.84031			
Observation start date	2002-08-10T12:23:26	2002-08-10T12:18:14			
Observation end time	145370470.184000	145371179.1779			
Observation end date	2002-08-10T12:40:06	2002-08-10T12:52:59			

2.3 Aspect



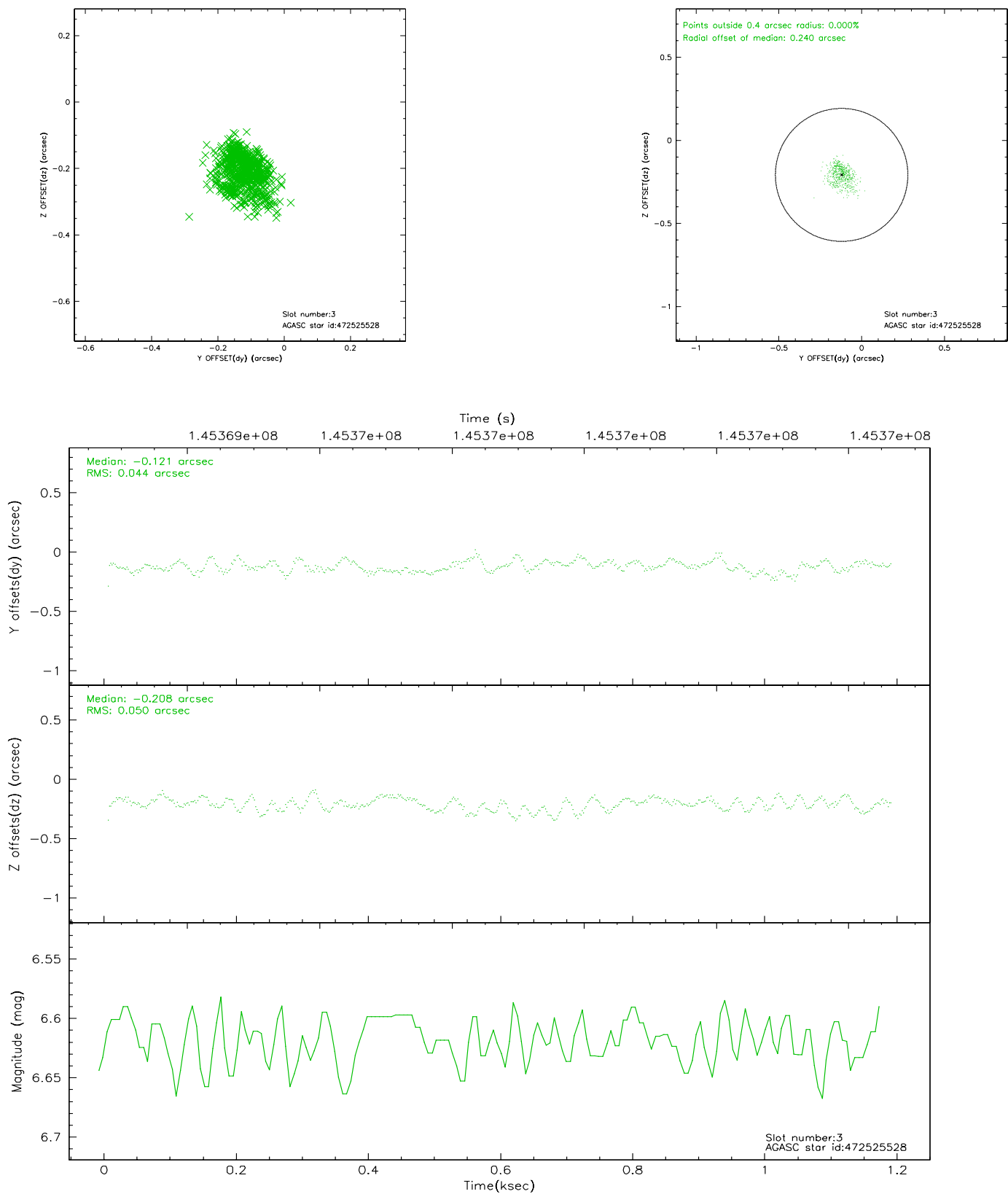


Slot Statistics

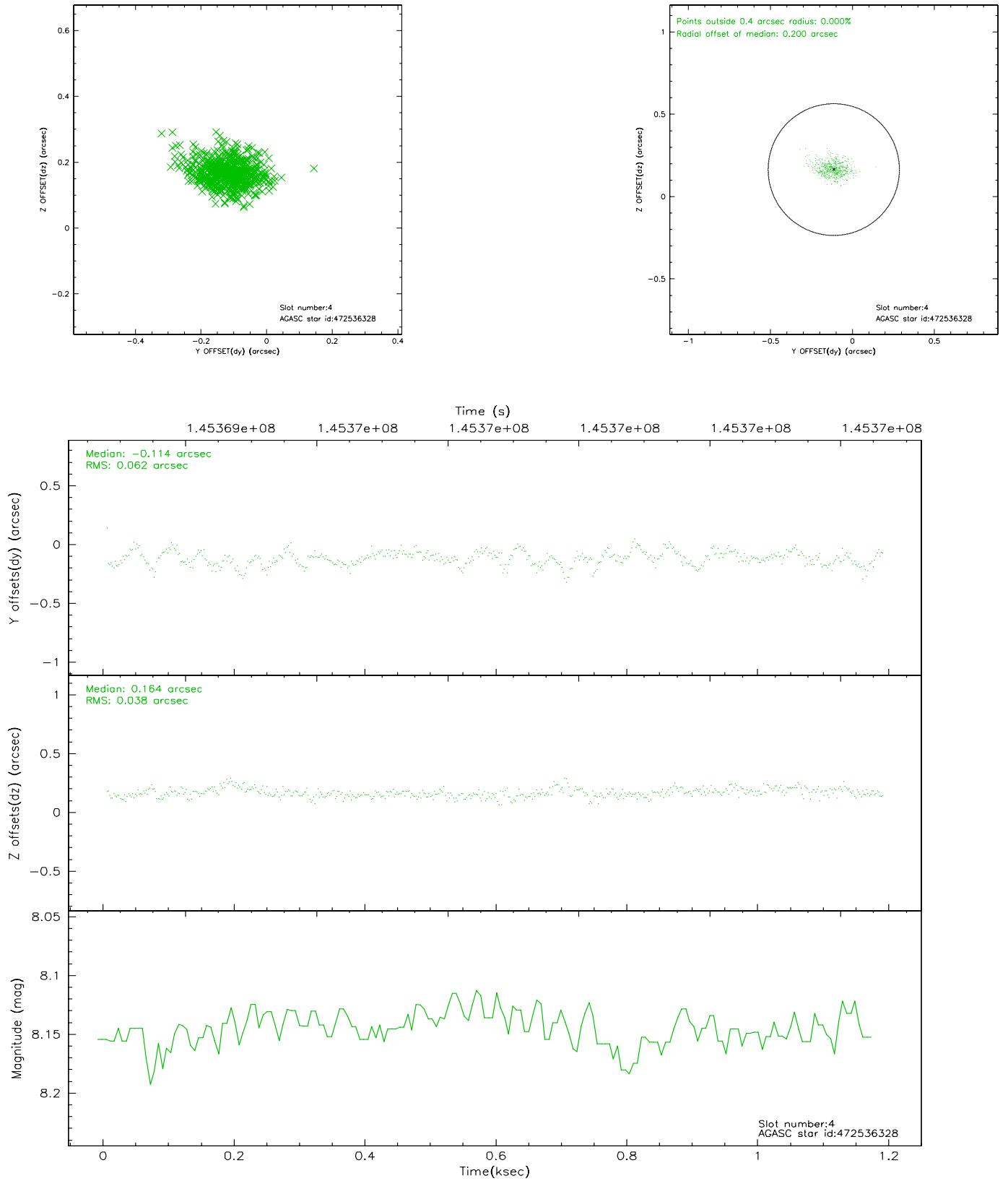
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	289	0.156	-0.156	0.007	0.012	0.000000	0.000000	-1156.99	-454.22
1	FID	HRC-S-2	7.00	289	0.099	-0.098	0.005	0.010	0.000000	0.000000	1238.62	-448.39
2	FID	HRC-S-3	7.01	289	0.135	-0.047	0.007	0.011	0.000000	0.000000	-1155.44	573.87
3	GUIDE	472525528	6.62	579	-0.121	-0.208	0.070	0.114	331.551102	45.248694	1079.16	2014.90
4	GUIDE	472536328	8.14	579	-0.114	0.164	0.073	0.129	331.496671	46.454831	2161.99	-2189.00
5	GUIDE	472523760	8.23	579	-0.030	0.018	0.068	0.105	331.645363	45.403260	972.19	1416.16
6	GUIDE	472665256	9.02	579	0.148	0.273	0.080	0.129	332.808125	46.195041	-1225.40	-2015.45
7	GUIDE	472654568	9.45	577	0.117	-0.232	0.099	0.154	332.194449	45.063576	-663.38	2297.59

2.4 Star Slots

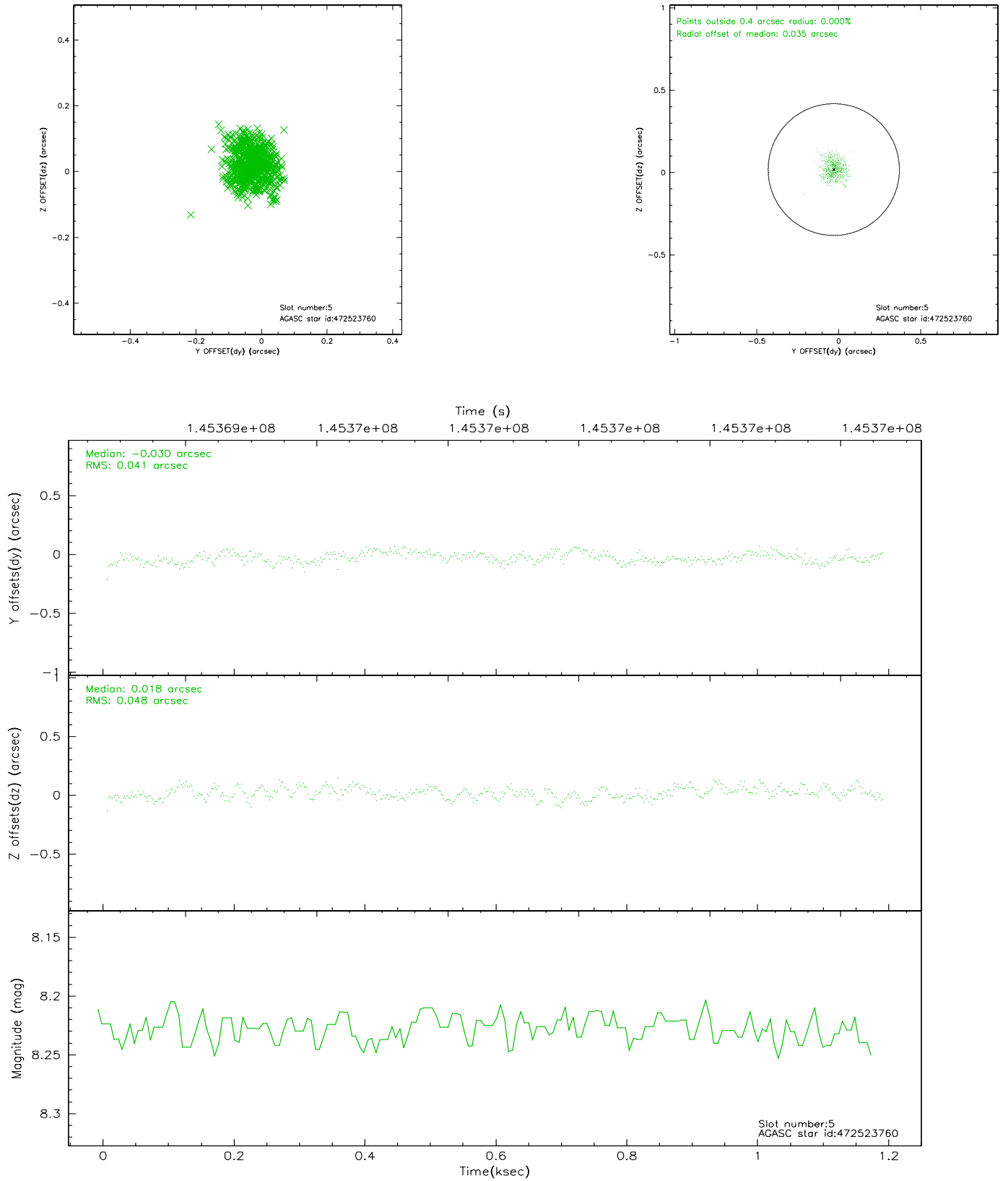
2.4.1 Slot 3



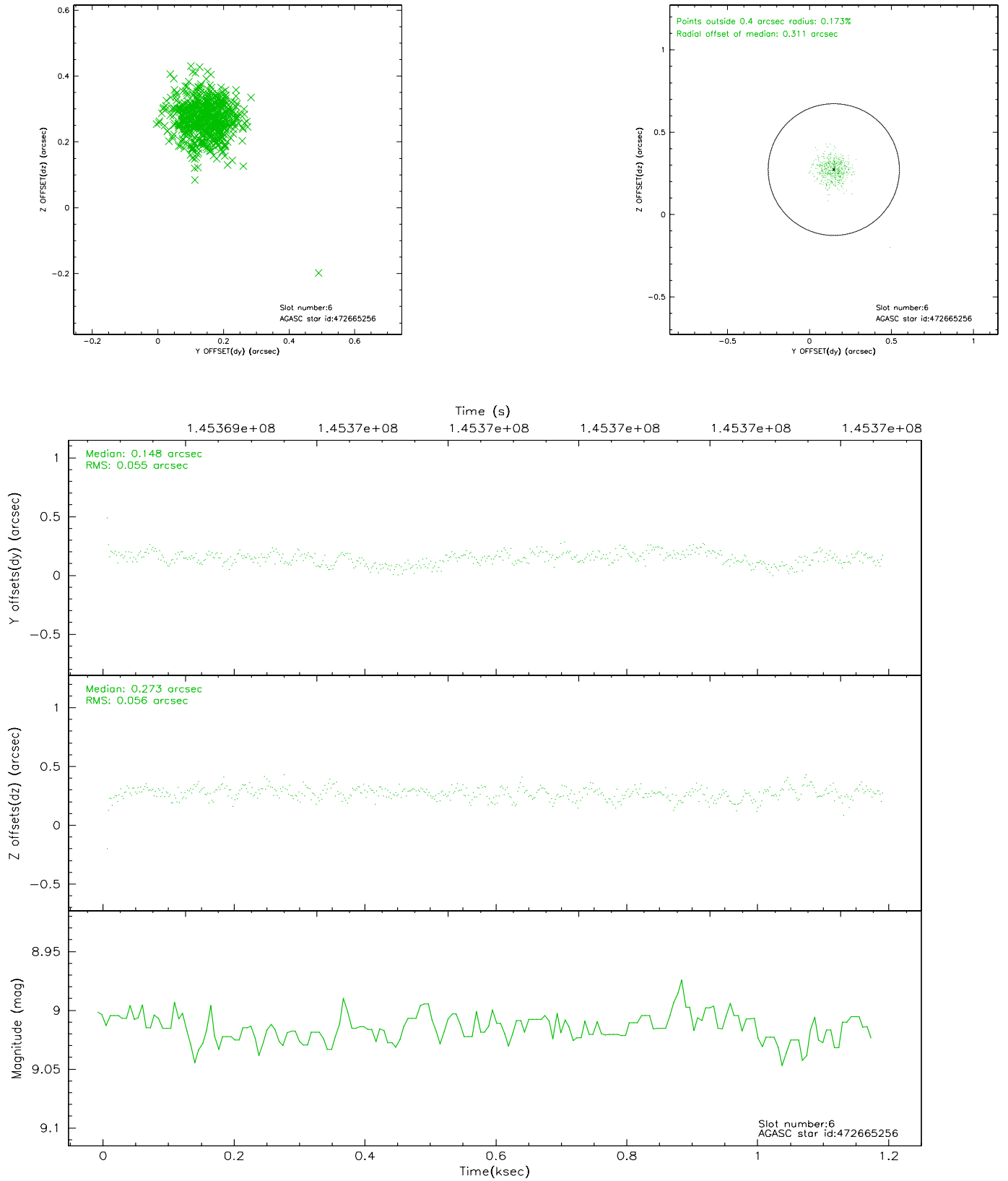
2.4.2 Slot 4



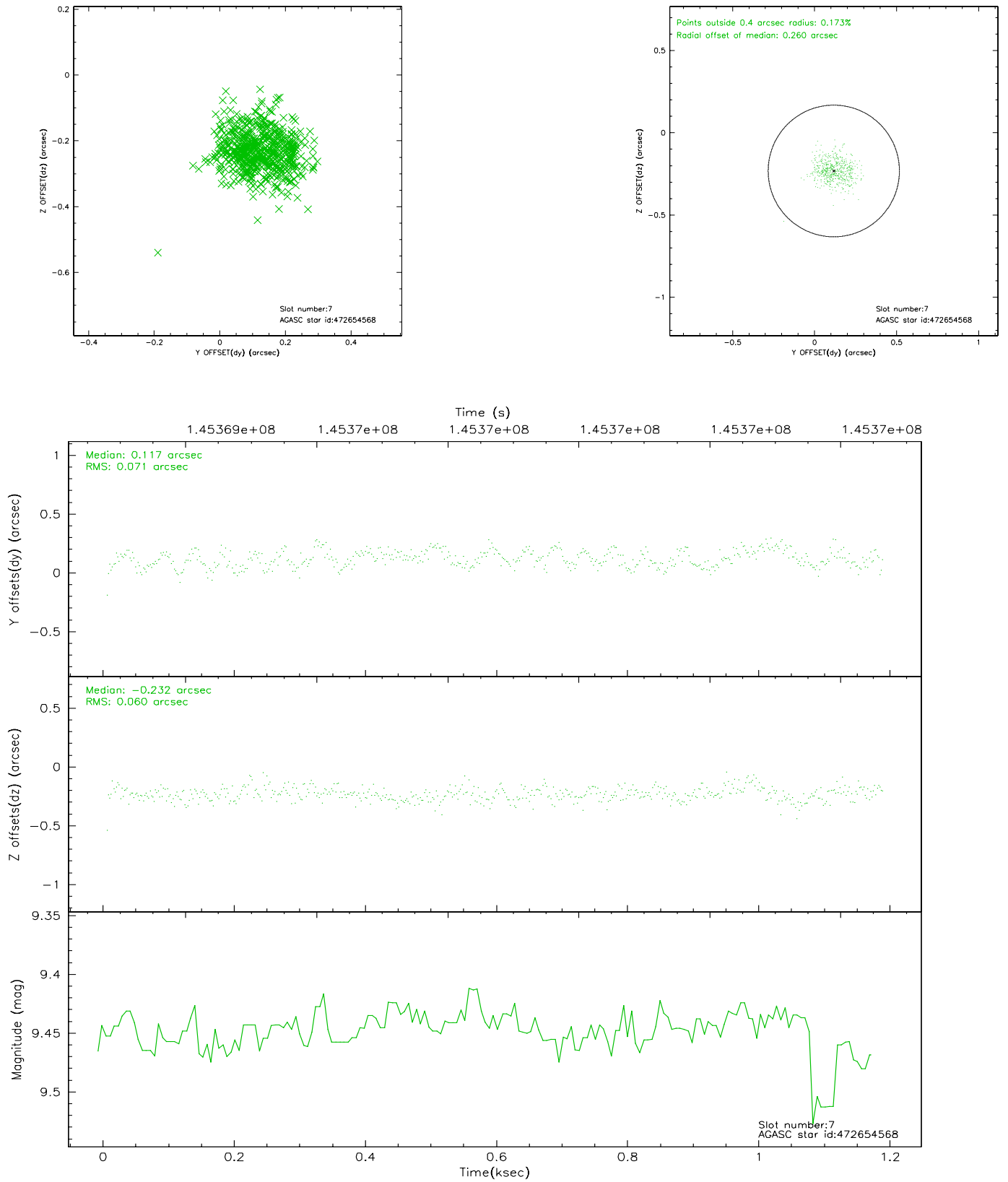
2.4.3 Slot 5



2.4.4 Slot 6

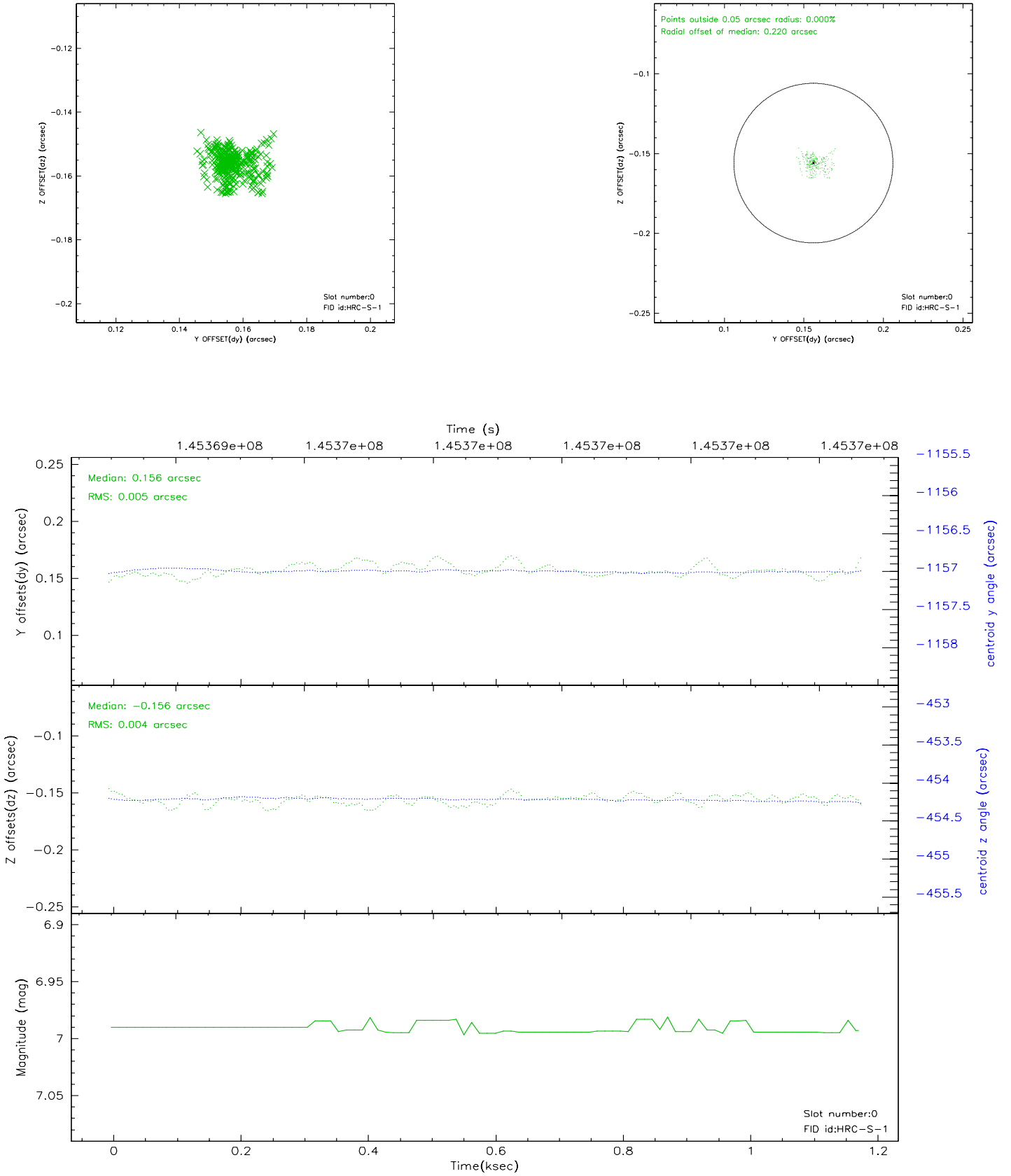


2.4.5 Slot 7

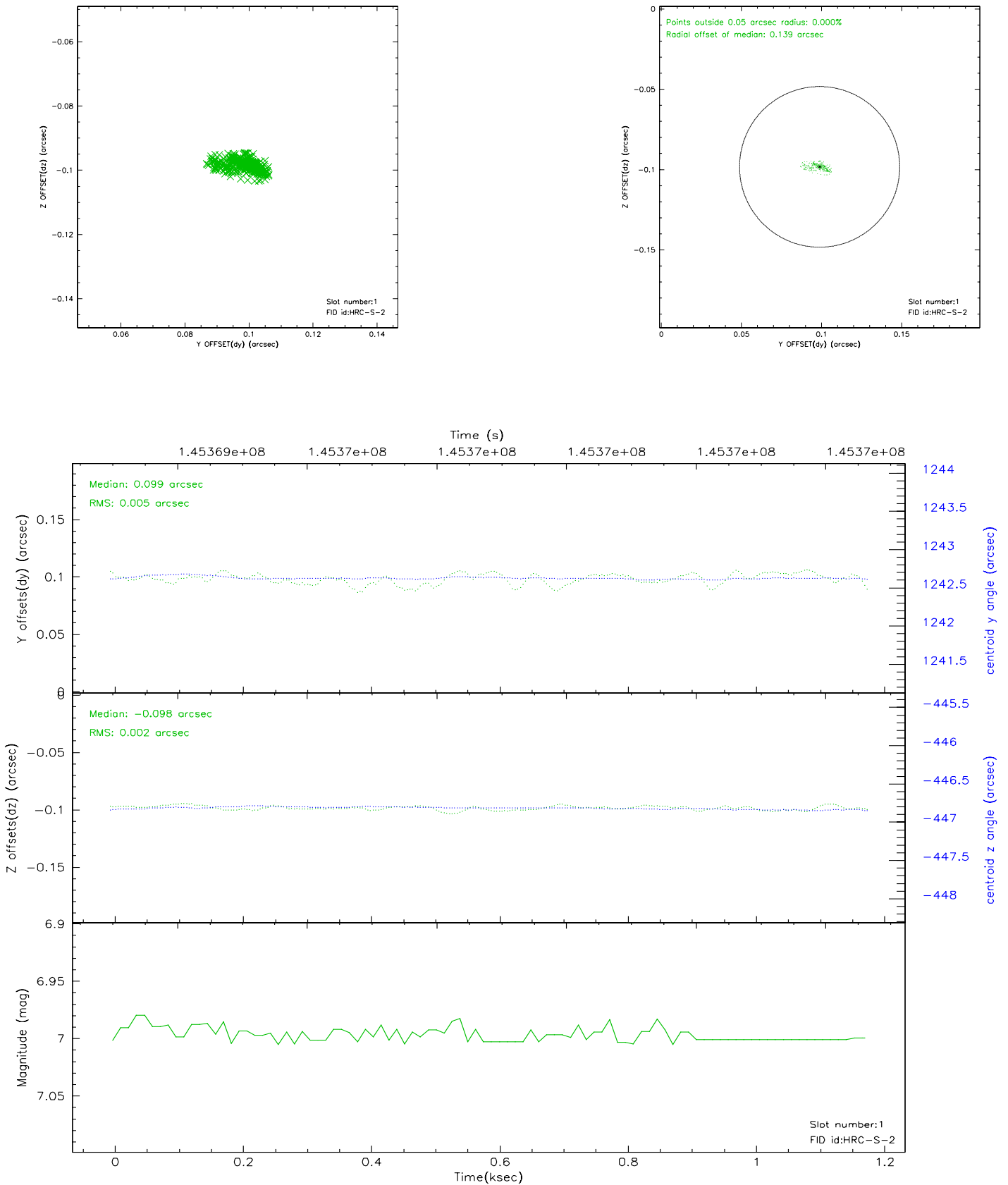


2.5 FID Slots

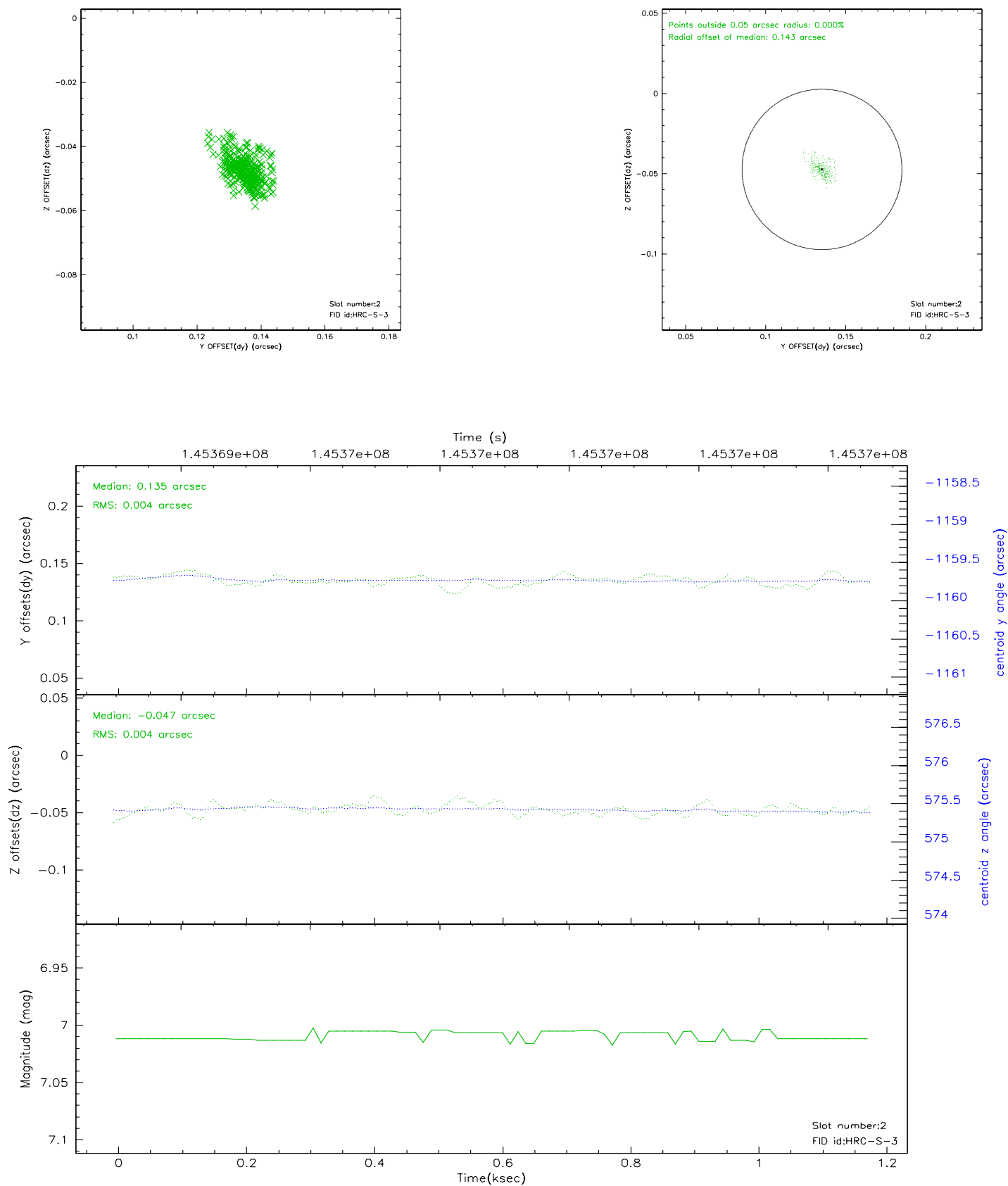
2.5.1 Slot 0



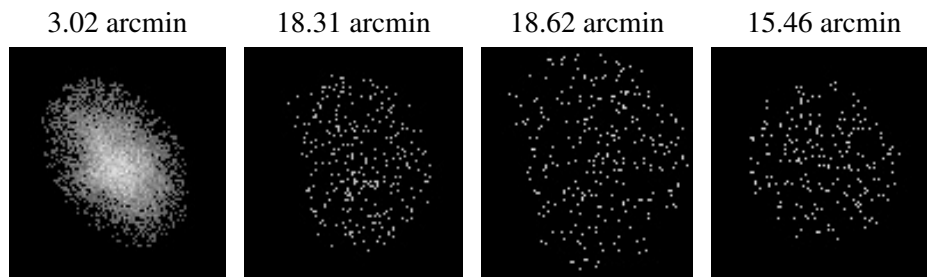
2.5.2 Slot 1



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	1.177

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.177 ks
although with the current processing the charge time would have been
1.14 ksec.

Monitor constraint met.