

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4351 - L2 Version 001
Chandra X-Ray Center

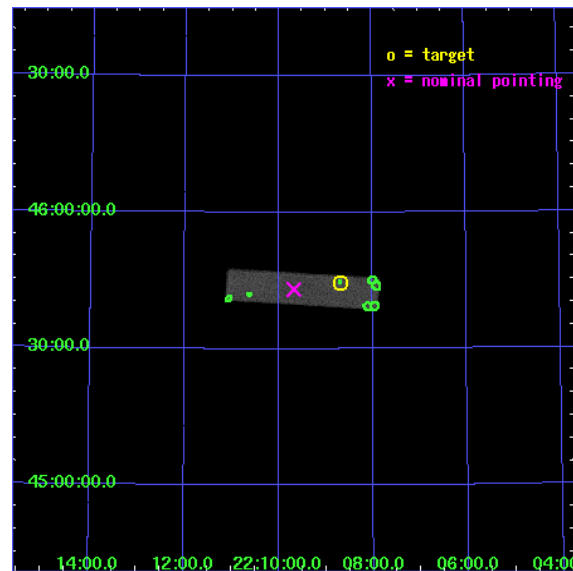
L2 Processing Date : Jul 27 2006

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

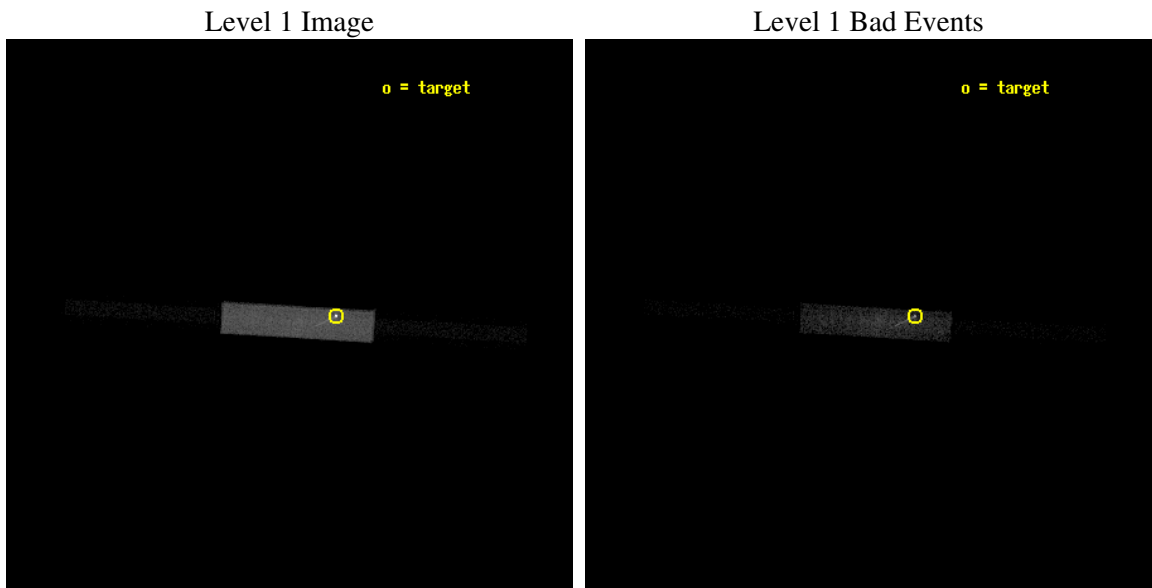
seq_num	290311
obs_id	4351
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.41860938676
dec_nom	45.718270354561
roll_nom	3.4059310452134
revision	3
ontime	1142.1062980592
livetime	1135.6239672621
l2events	44024



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	2006-07-27T23:01:59
revision	3

sched_exp_time	1000.000000
ontime	1186.1812999249
l1events	76632

2.1.3 Events

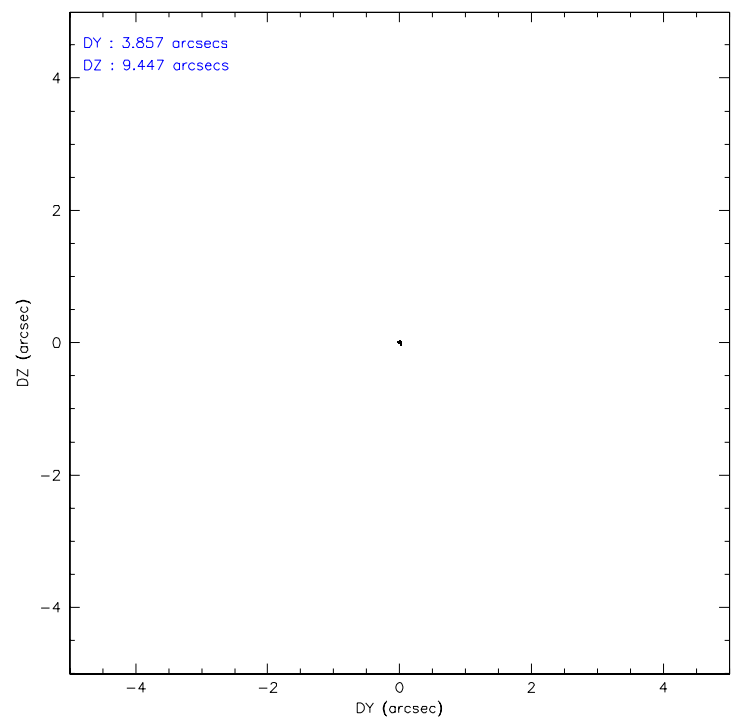
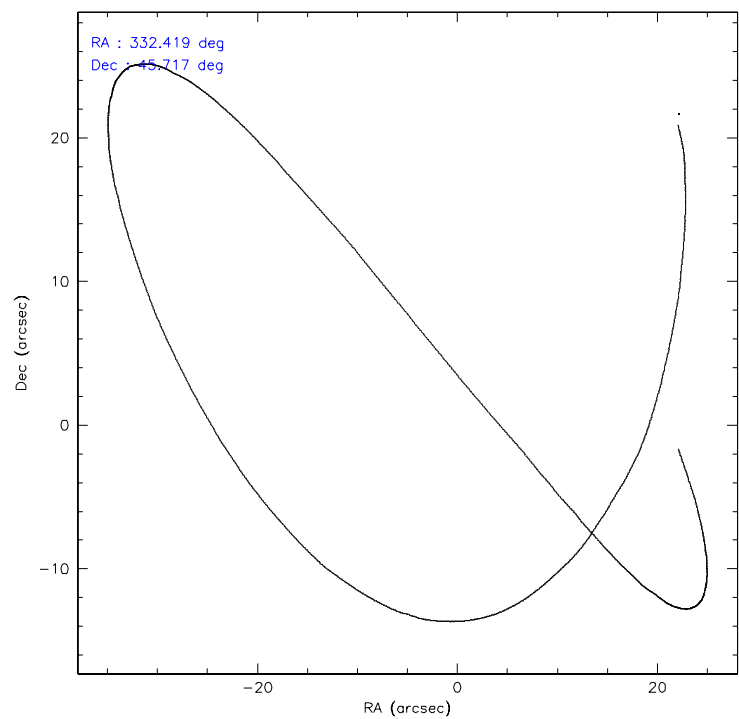
Level 1 Events

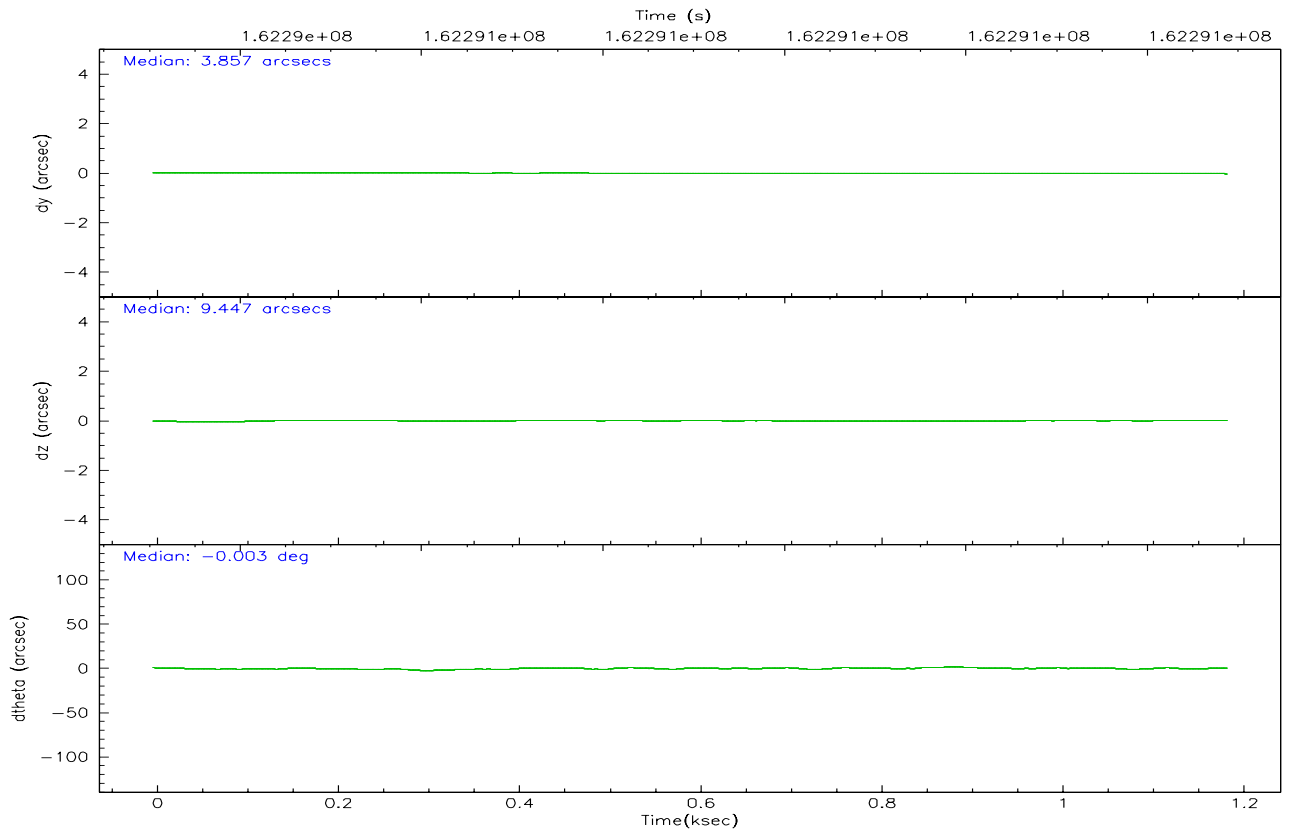
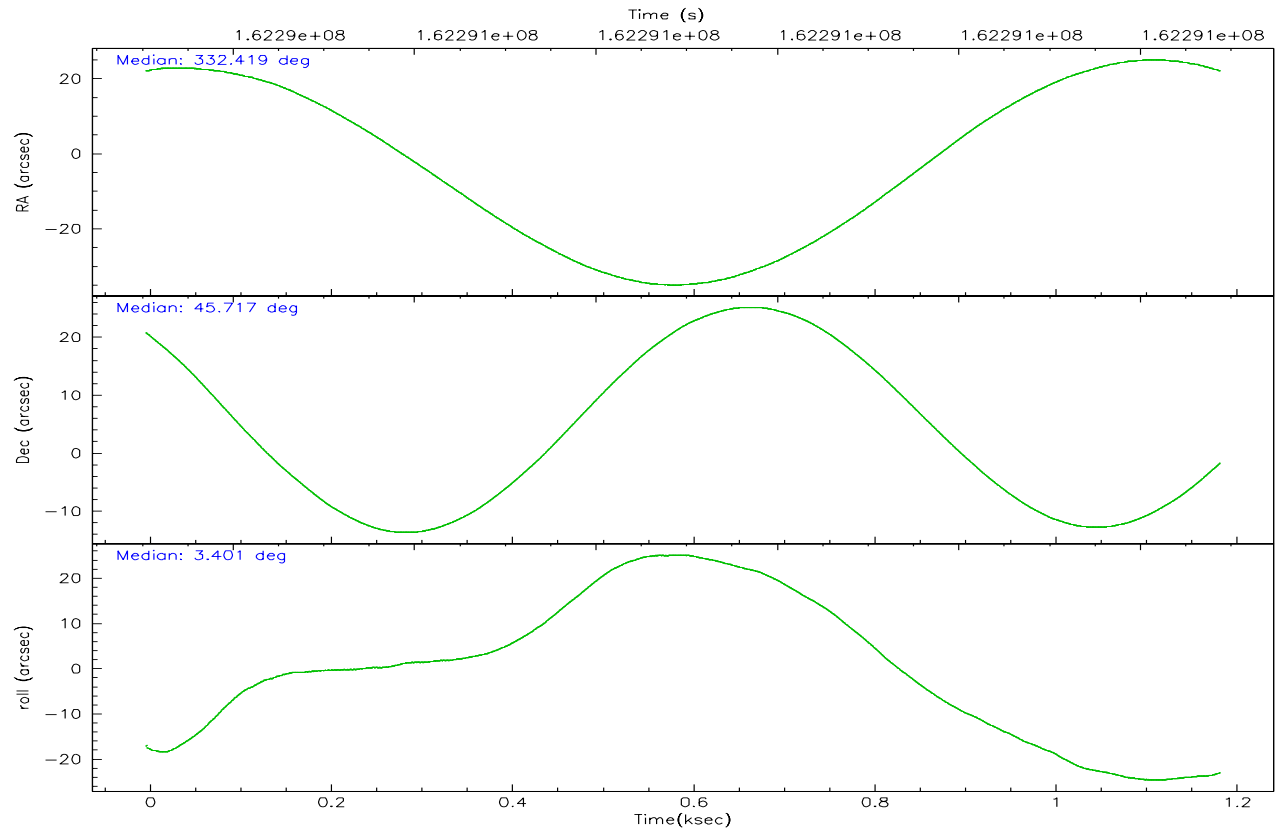
	segment 1	segment 2	segment 3
level 1 events	1424	73792	1416
rejected events	1424	26862	1416
rejected %	100%	36%	100%

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	332.384869	332.4186093867617			
Pointing Dec	45.702242	45.71827035456059			
Pointing Roll	3.362736	3.405931045213431			
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	162290485.184000	162290109.70691			
Observation start date	2003-02-22T08:40:21	2003-02-22T08:35:09			
Observation end time	162291485.184000	162291619.53197			
Observation end date	2003-02-22T08:57:01	2003-02-22T09:00:19			

2.3 Aspect



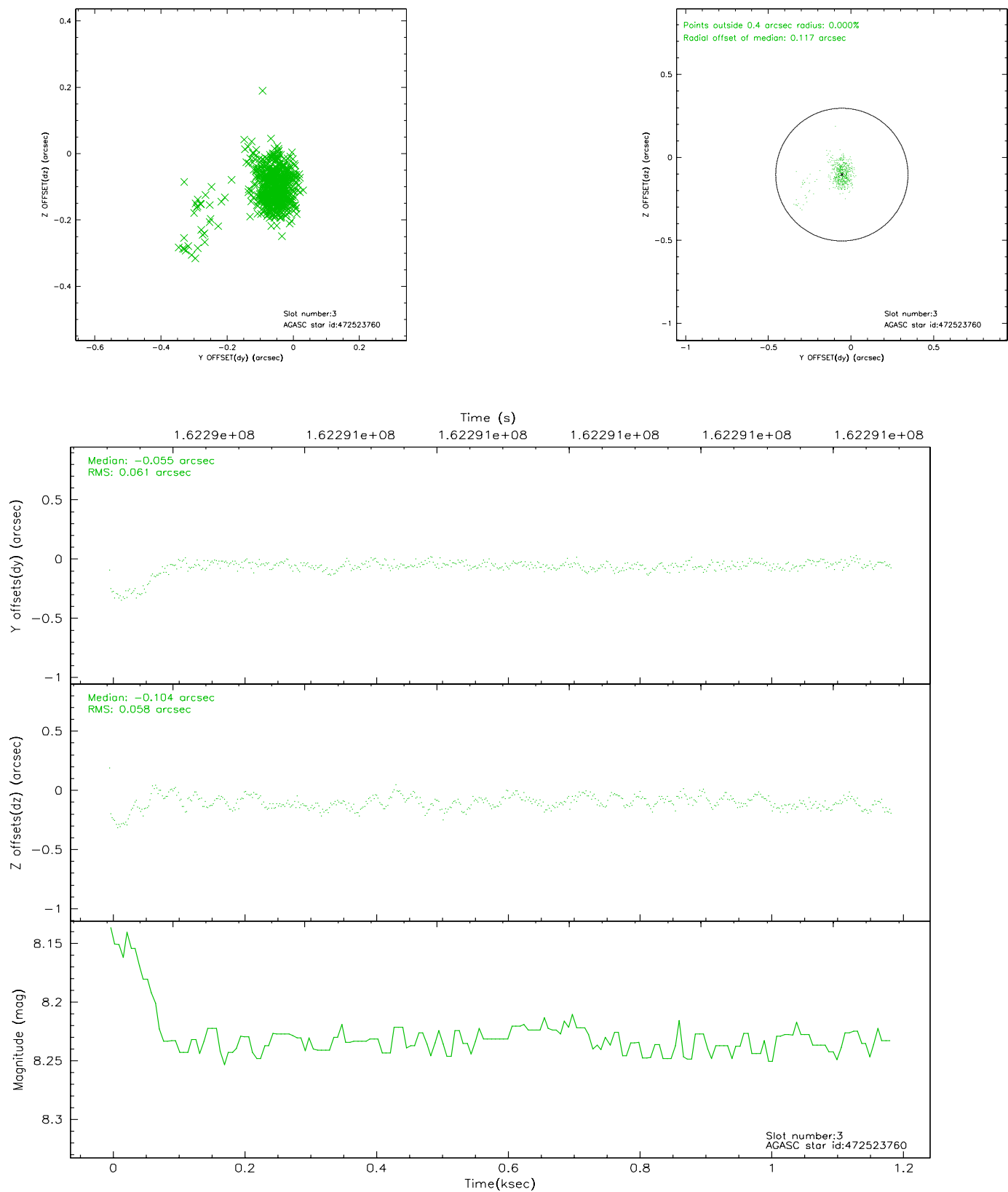


Slot Statistics

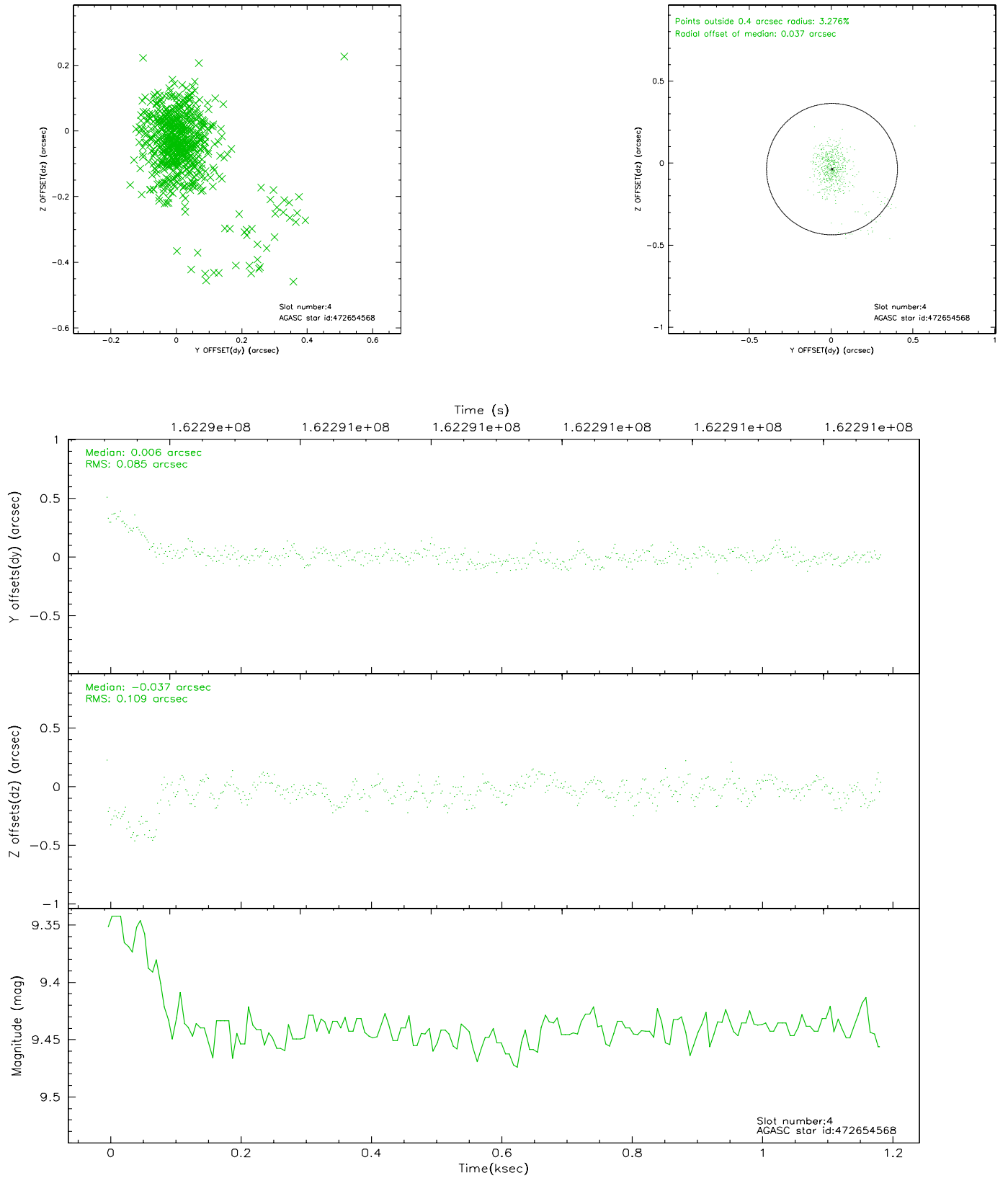
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	290	0.158	-0.182	0.006	0.010	0.000000	0.000000	-1157.89	-458.11
1	FID	HRC-S-2	7.00	290	0.081	-0.092	0.006	0.012	0.000000	0.000000	1237.72	-452.27
2	FID	HRC-S-3	7.02	290	0.151	-0.029	0.007	0.011	0.000000	0.000000	-1156.34	570.01
3	GUIDE	472523760	8.23	579	-0.055	-0.104	0.067	0.173	331.645363	45.403260	-1930.00	-952.90
4	GUIDE	472654568	9.44	580	0.006	-0.037	0.112	0.339	332.194449	45.063576	-622.71	-2264.39
5	GUIDE	472655152	9.43	579	0.073	0.001	0.089	0.165	332.504239	45.862991	330.25	560.12
6	GUIDE	472659832	9.46	580	0.023	0.018	0.102	0.169	332.780399	46.098139	1068.52	1372.03
7	GUIDE	472652872	10.12	579	-0.042	0.131	0.153	0.300	332.255928	45.019274	-471.18	-2428.89

2.4 Star Slots

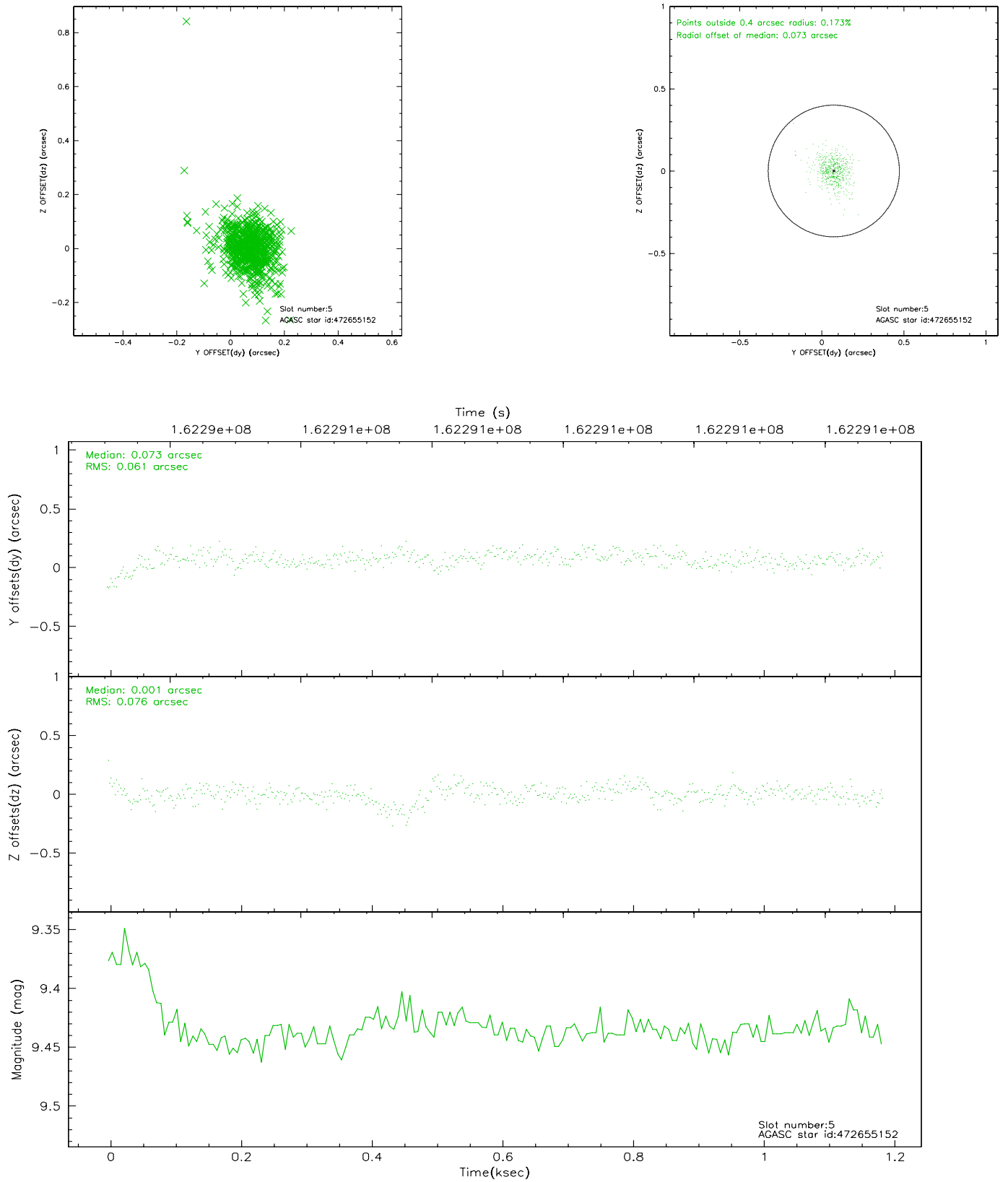
2.4.1 Slot 3



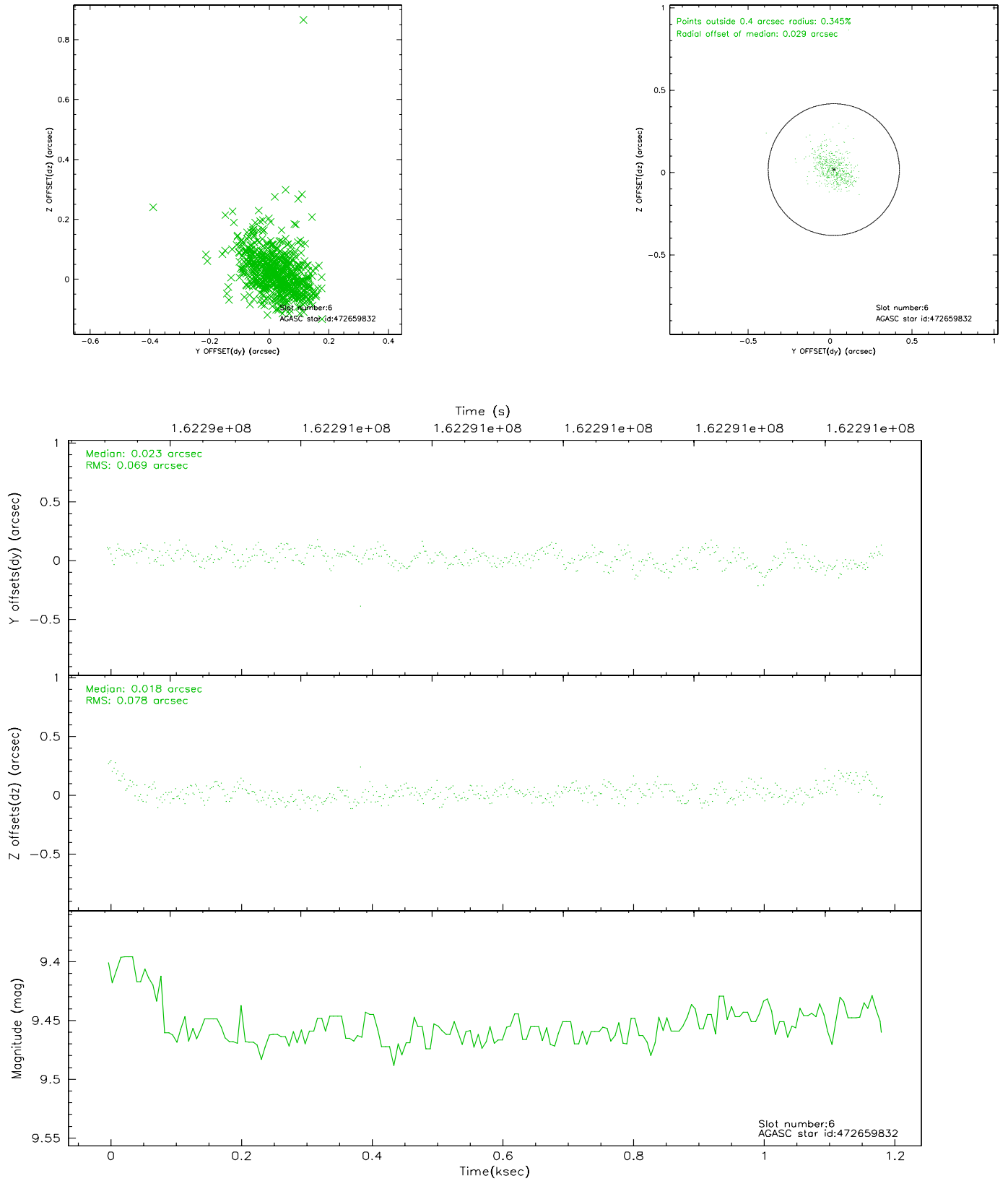
2.4.2 Slot 4



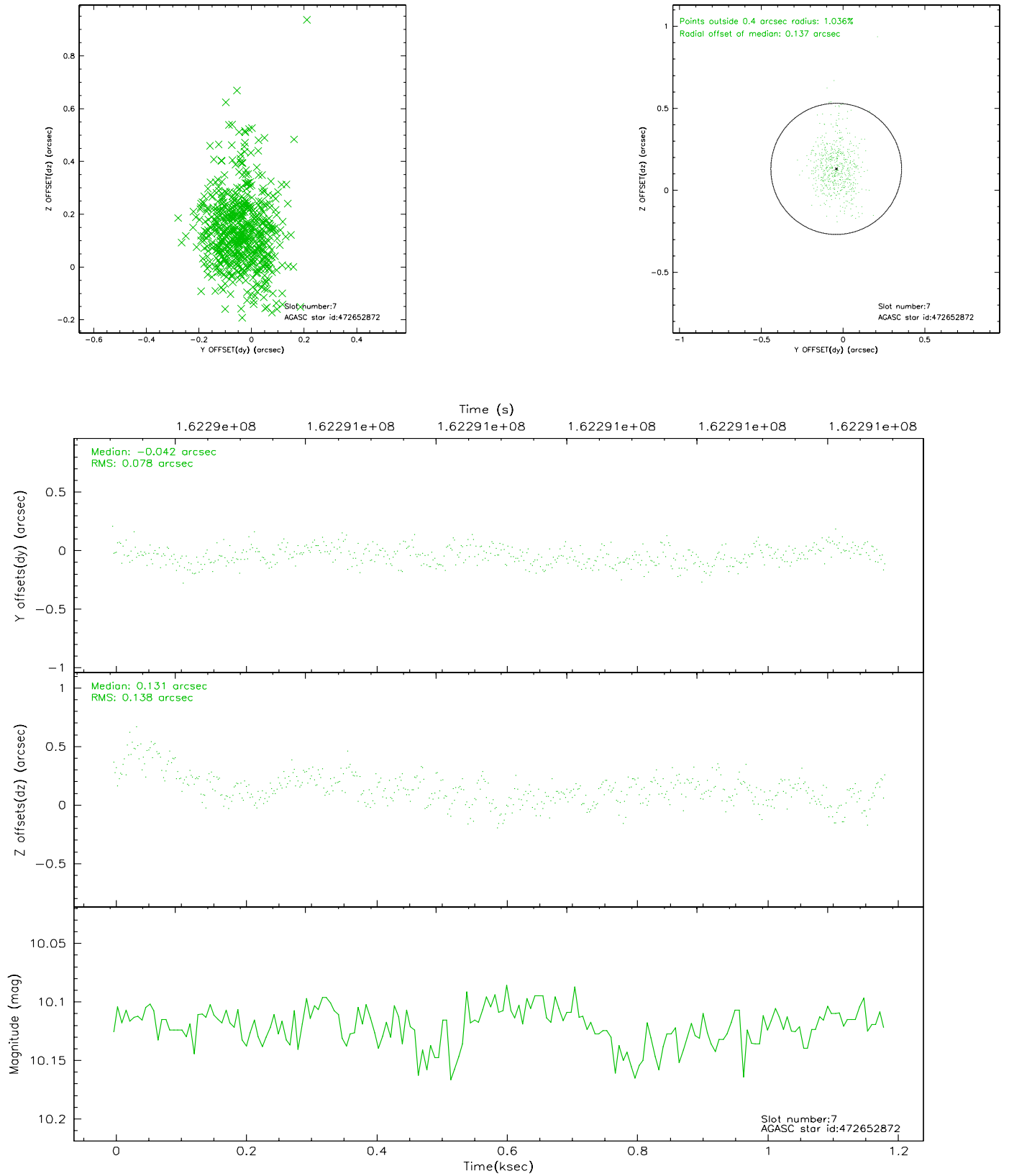
2.4.3 Slot 5



2.4.4 Slot 6

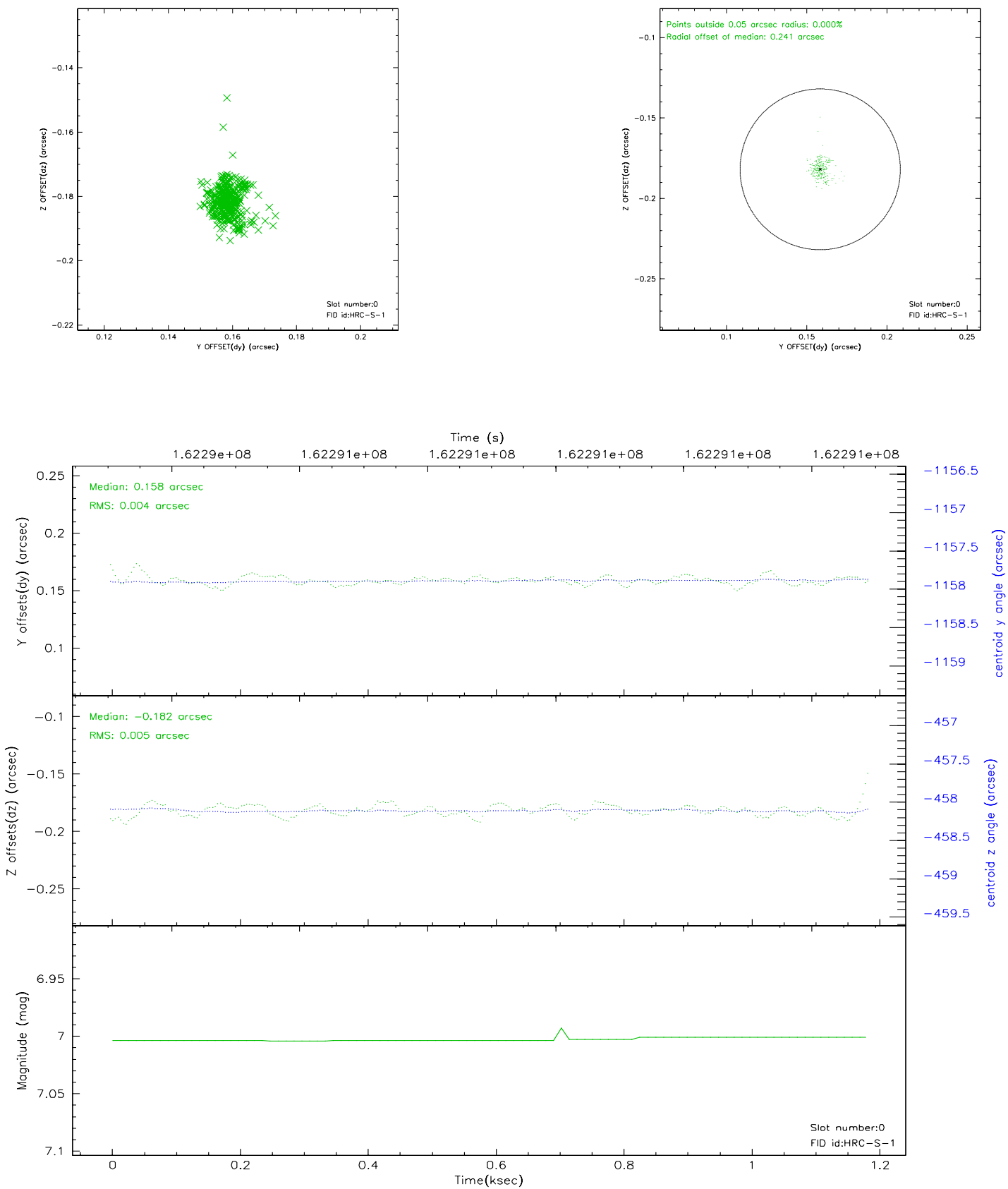


2.4.5 Slot 7

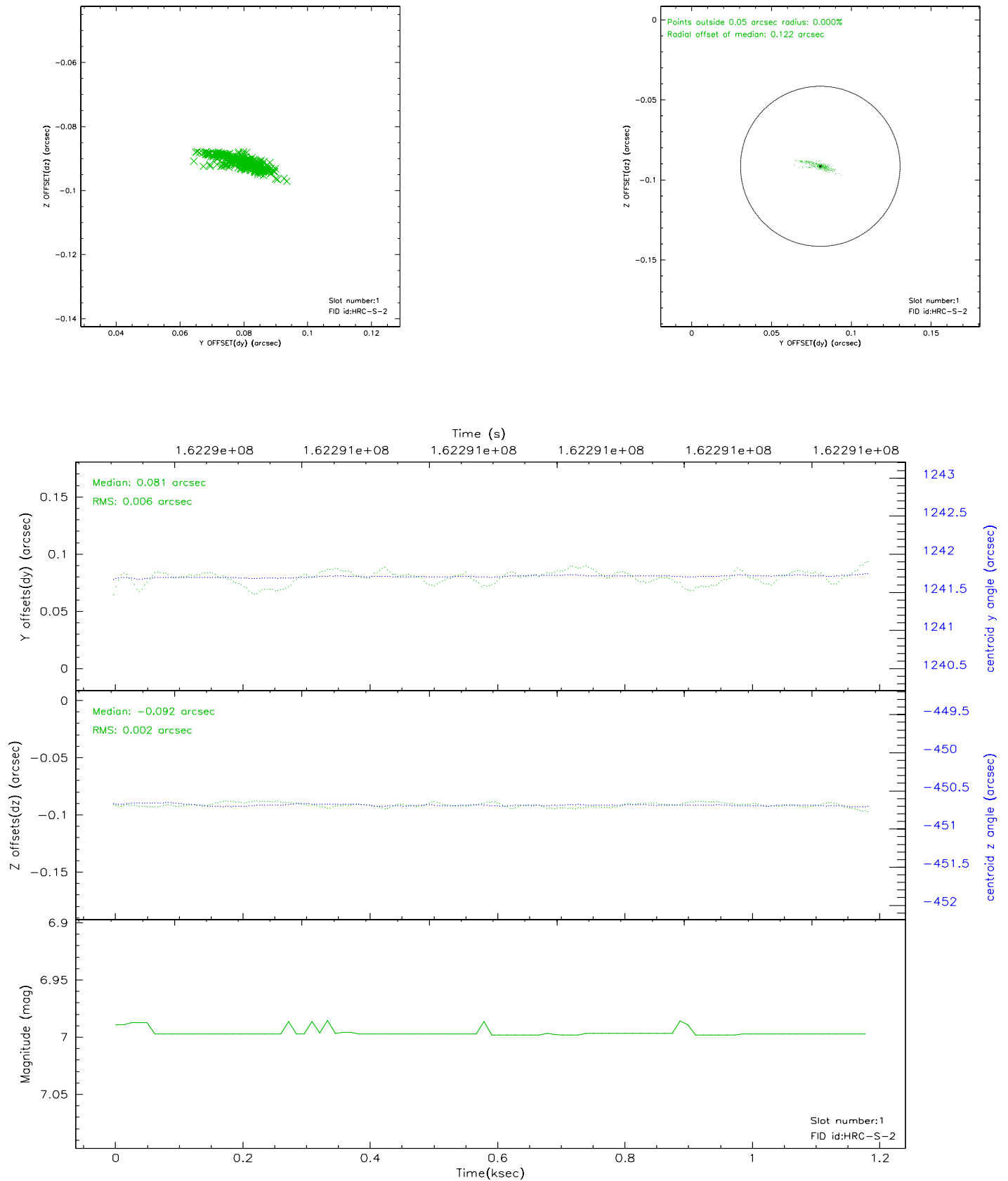


2.5 FID Slots

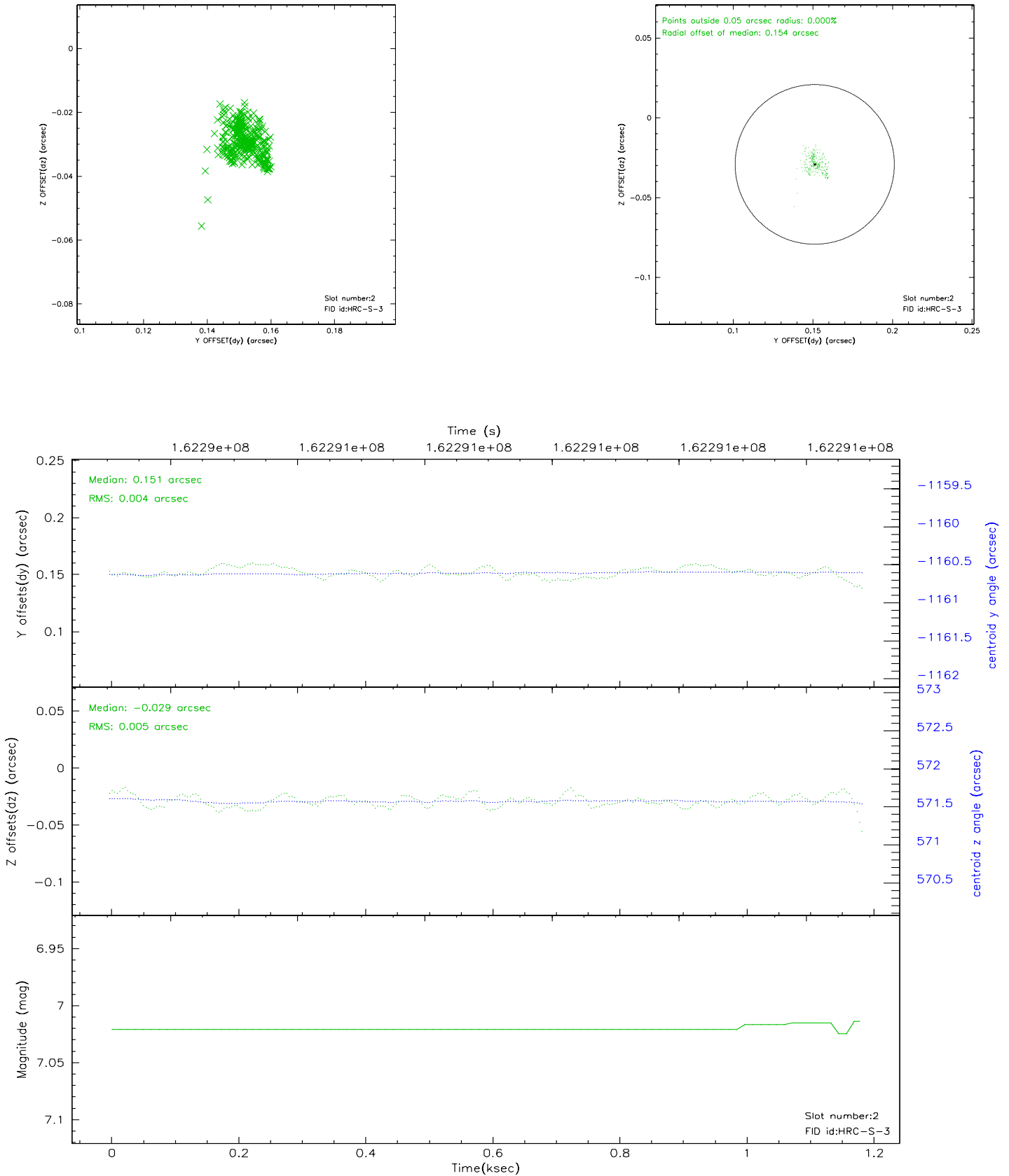
2.5.1 Slot 0



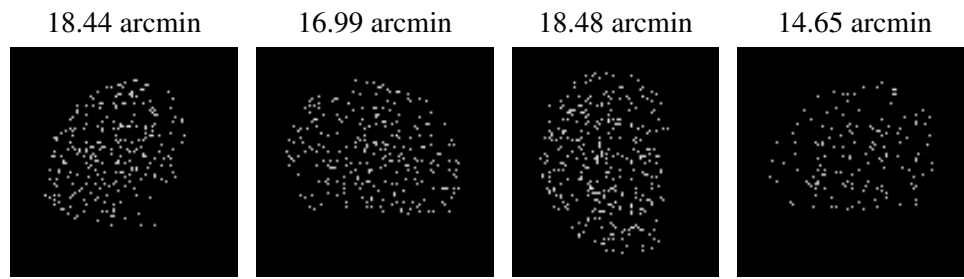
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments