

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2642 - L2 Version 001
Chandra X-Ray Center

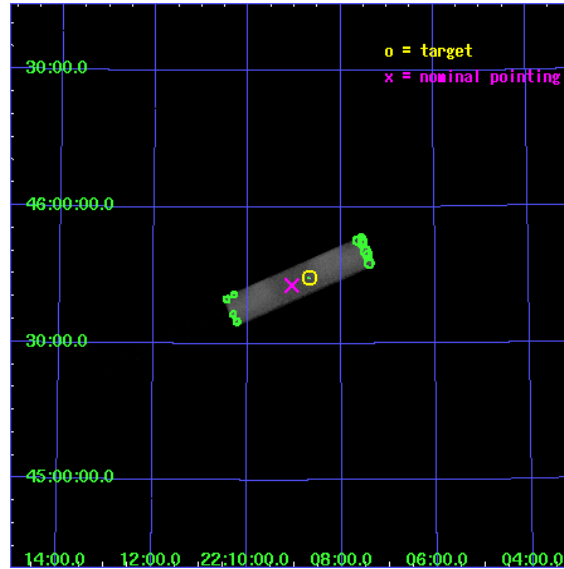
L2 Processing Date : Aug 29 2006

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1 Front

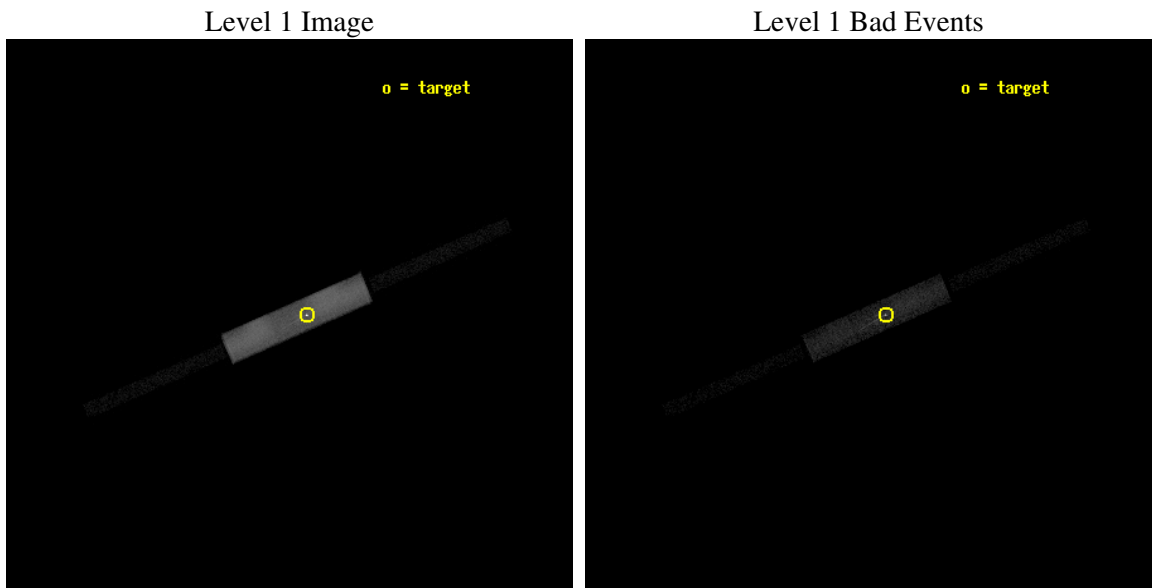
seq_num	290198
obs_id	2642
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.26356413185
dec_nom	45.714757308934
roll_nom	336.36407222315
revision	2
ontime	1143.1312960684
livetime	1127.2326564808
l2events	117663



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T03:07:11
revision	2

sched_exp_time	1000.000000
ontime	1197.200048238
l1events	169171

2.1.3 Events

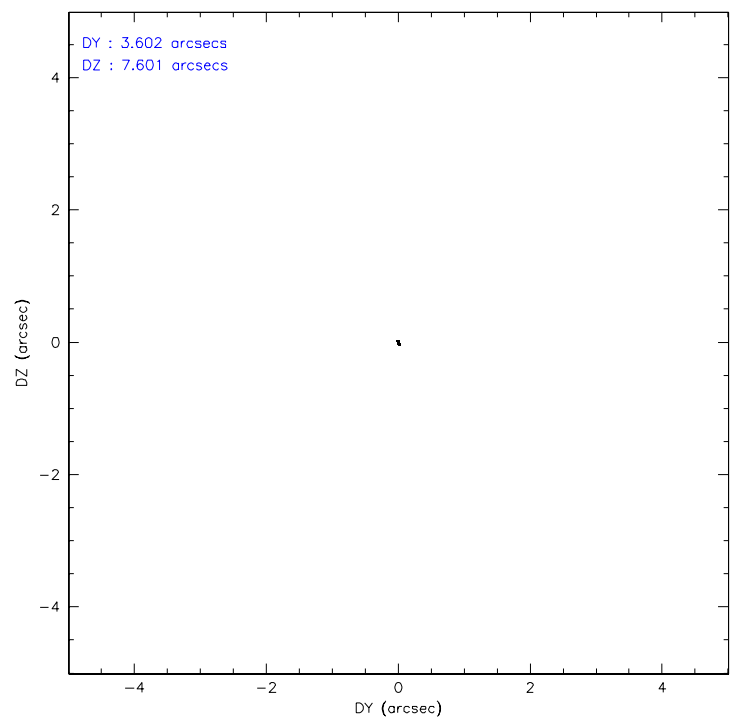
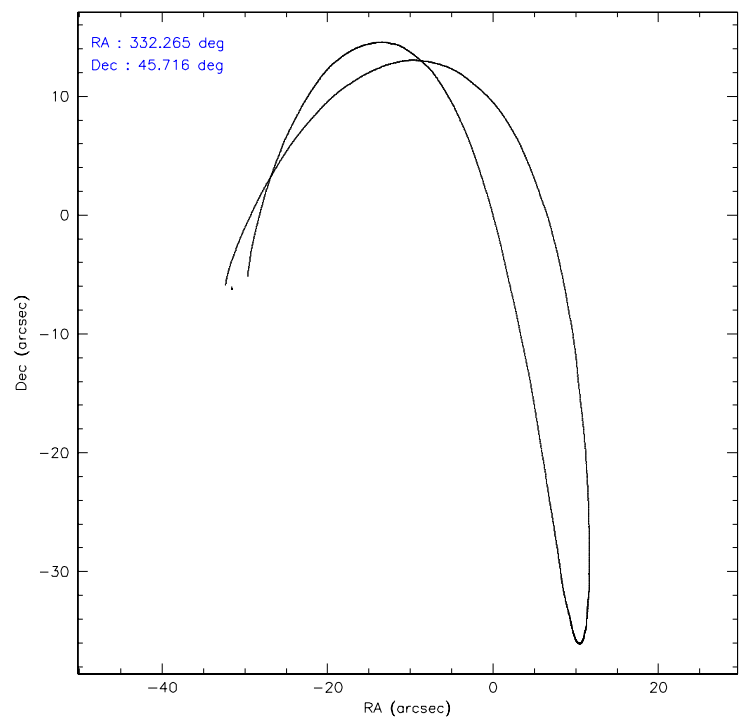
Level 1 Events

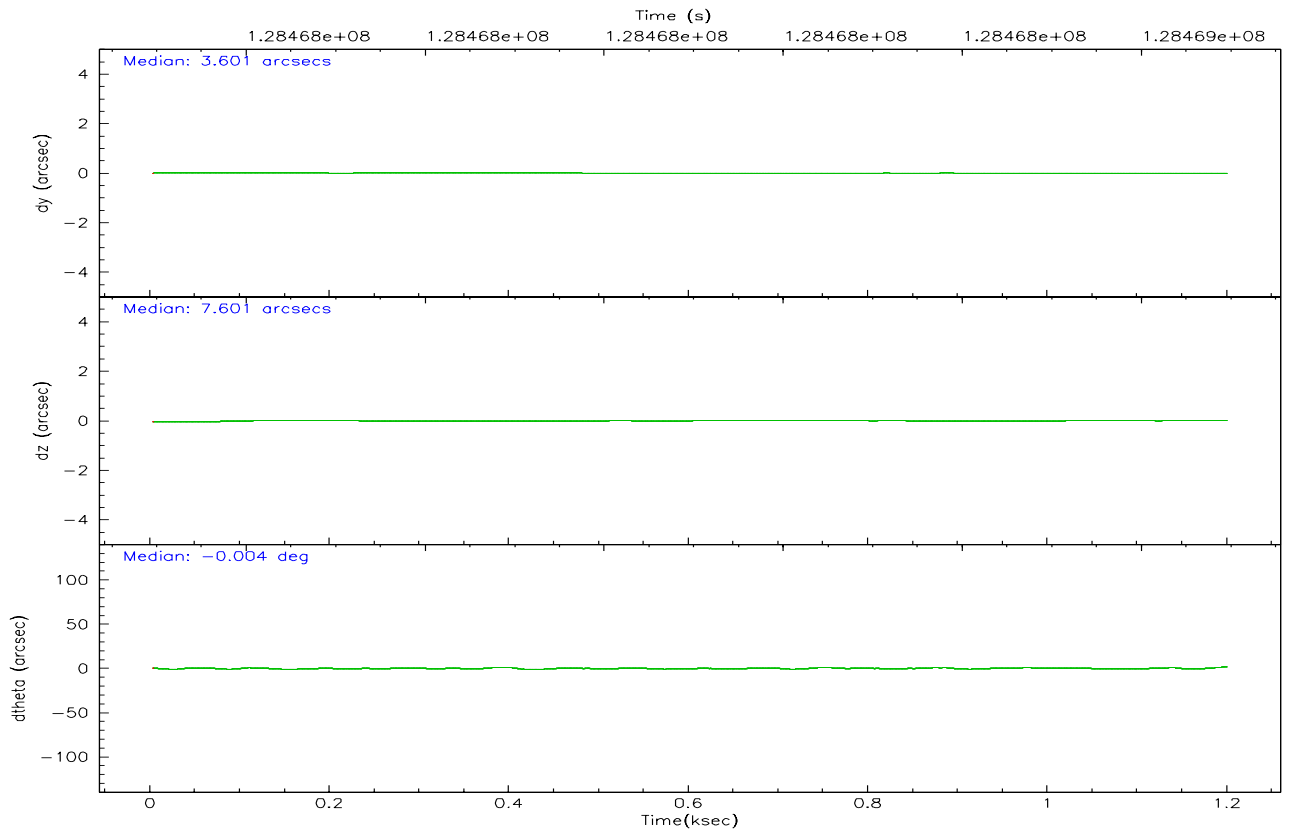
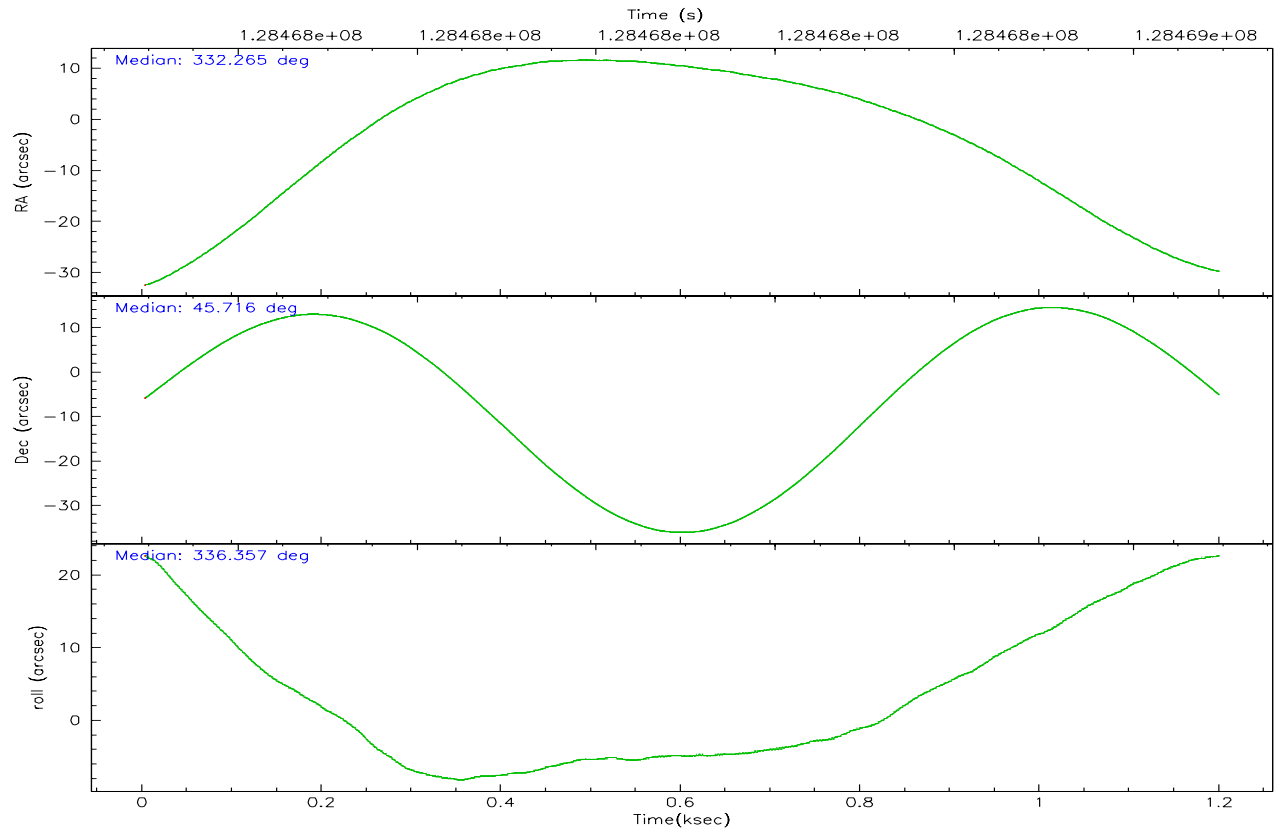
	segment 1	segment 2	segment 3
level 1 events	3411	162792	2968
rejected events	3411	41819	2921
rejected %	100%	25%	98%

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	332.223104	332.2635641318461			
Pointing Dec	45.708963	45.71475730893386			
Pointing Roll	336.325722	336.3640722231473			
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	128467697.184000	128467321.28933			
Observation start date	2002-01-26T21:27:13	2002-01-26T21:22:01			
Observation end time	128468697.184000	128468831.11439			
Observation end date	2002-01-26T21:43:53	2002-01-26T21:47:11			

2.3 Aspect



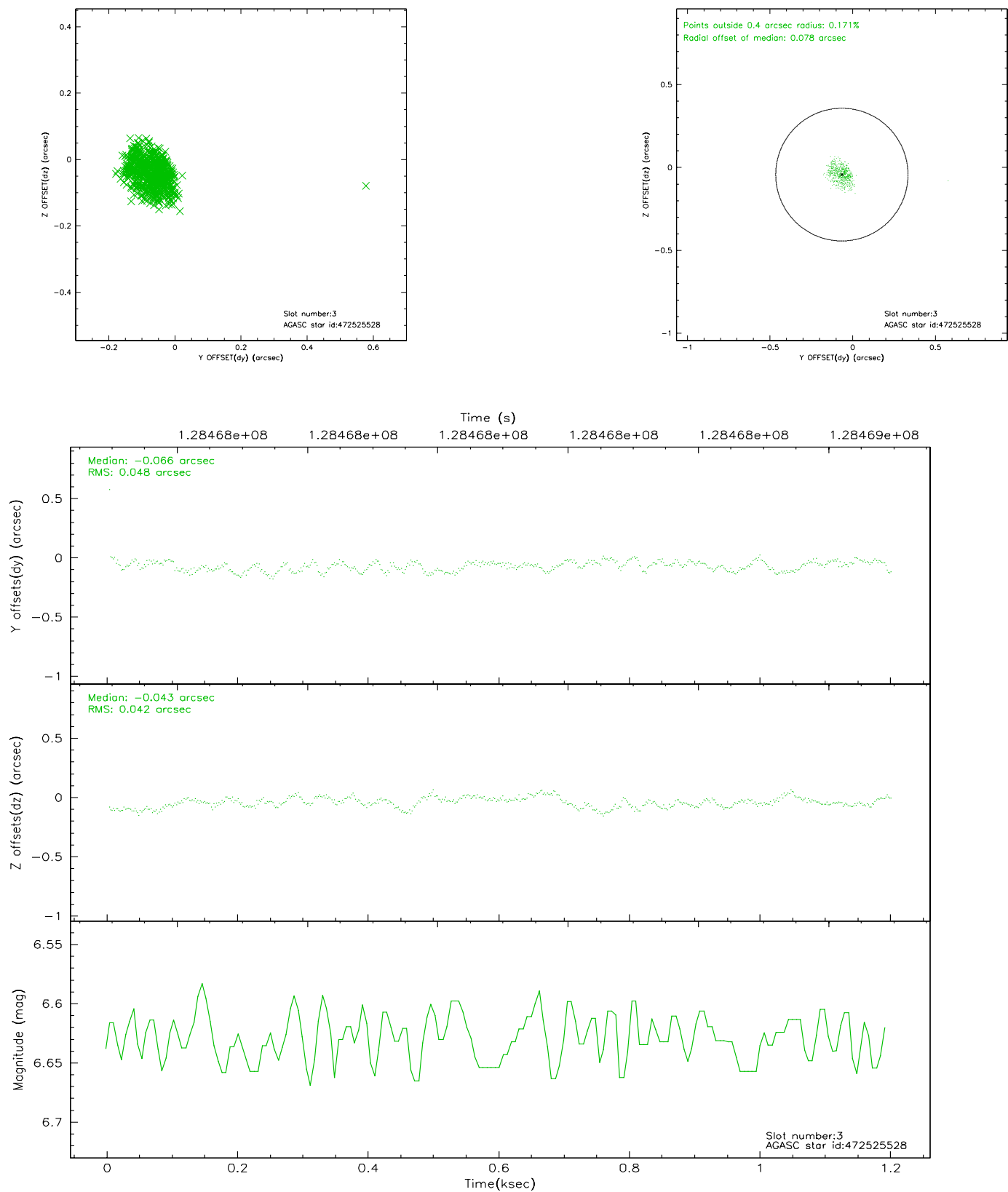


Slot Statistics

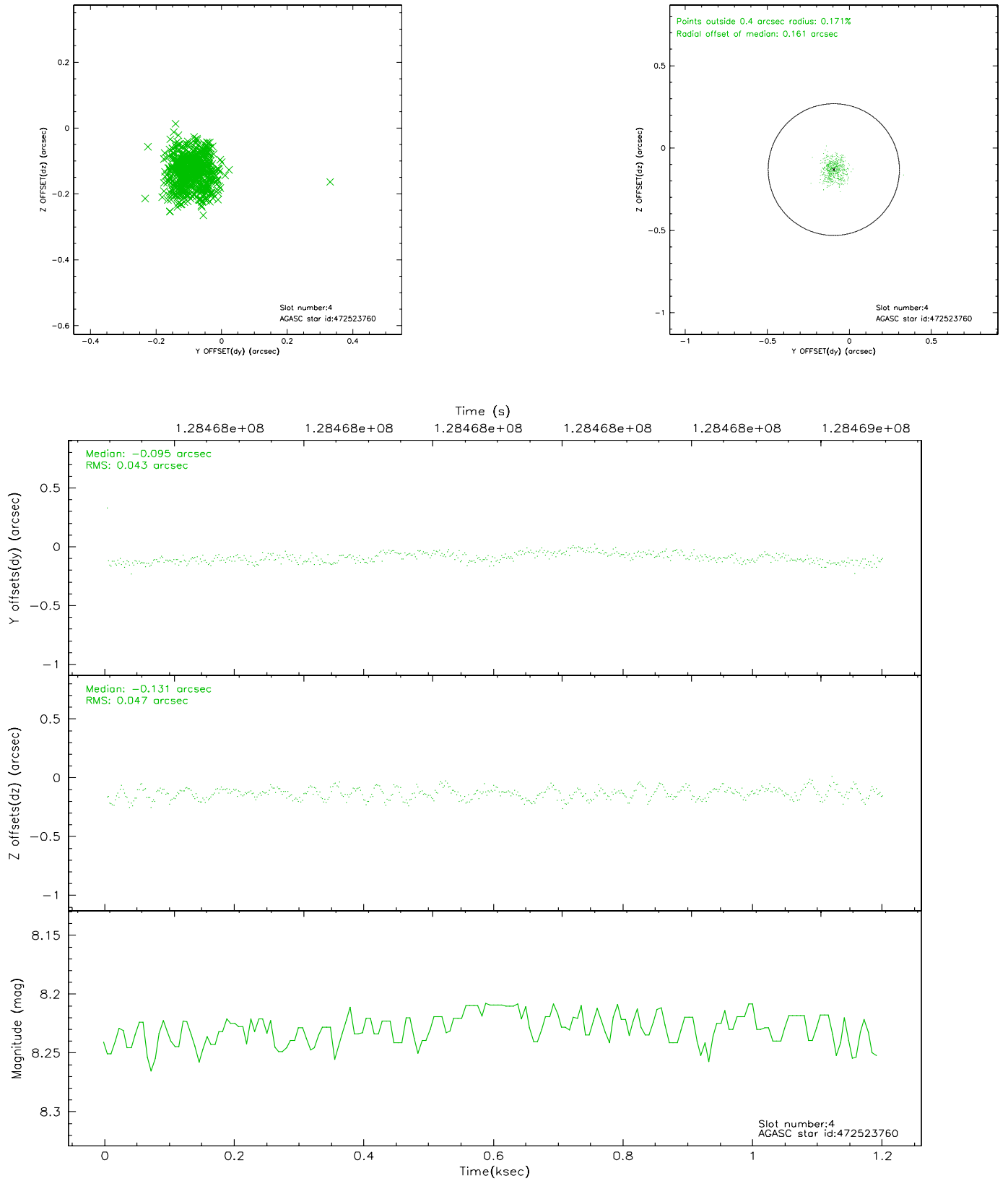
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	293	0.155	-0.082	0.006	0.010	0.000000	0.000000	-1157.63	-456.14
1	FID	HRC-S-2	6.99	293	0.076	-0.088	0.004	0.007	0.000000	0.000000	1238.02	-450.31
2	FID	HRC-S-3	7.01	293	0.159	-0.132	0.006	0.010	0.000000	0.000000	-1156.13	571.81
3	GUIDE	472525528	6.63	585	-0.066	-0.043	0.063	0.097	331.551102	45.248694	-895.70	-2199.62
4	GUIDE	472523760	8.23	585	-0.095	-0.131	0.068	0.102	331.645363	45.403260	-897.53	-1598.06
5	GUIDE	472659832	9.46	585	-0.036	0.084	0.124	0.227	332.780399	46.098139	709.43	1839.00
6	GUIDE	472655152	9.43	583	0.022	0.063	0.103	0.185	332.504239	45.862991	425.08	790.65
7	GUIDE	472646552	9.65	584	0.183	0.044	0.105	0.170	333.120915	45.571877	2267.56	465.14

2.4 Star Slots

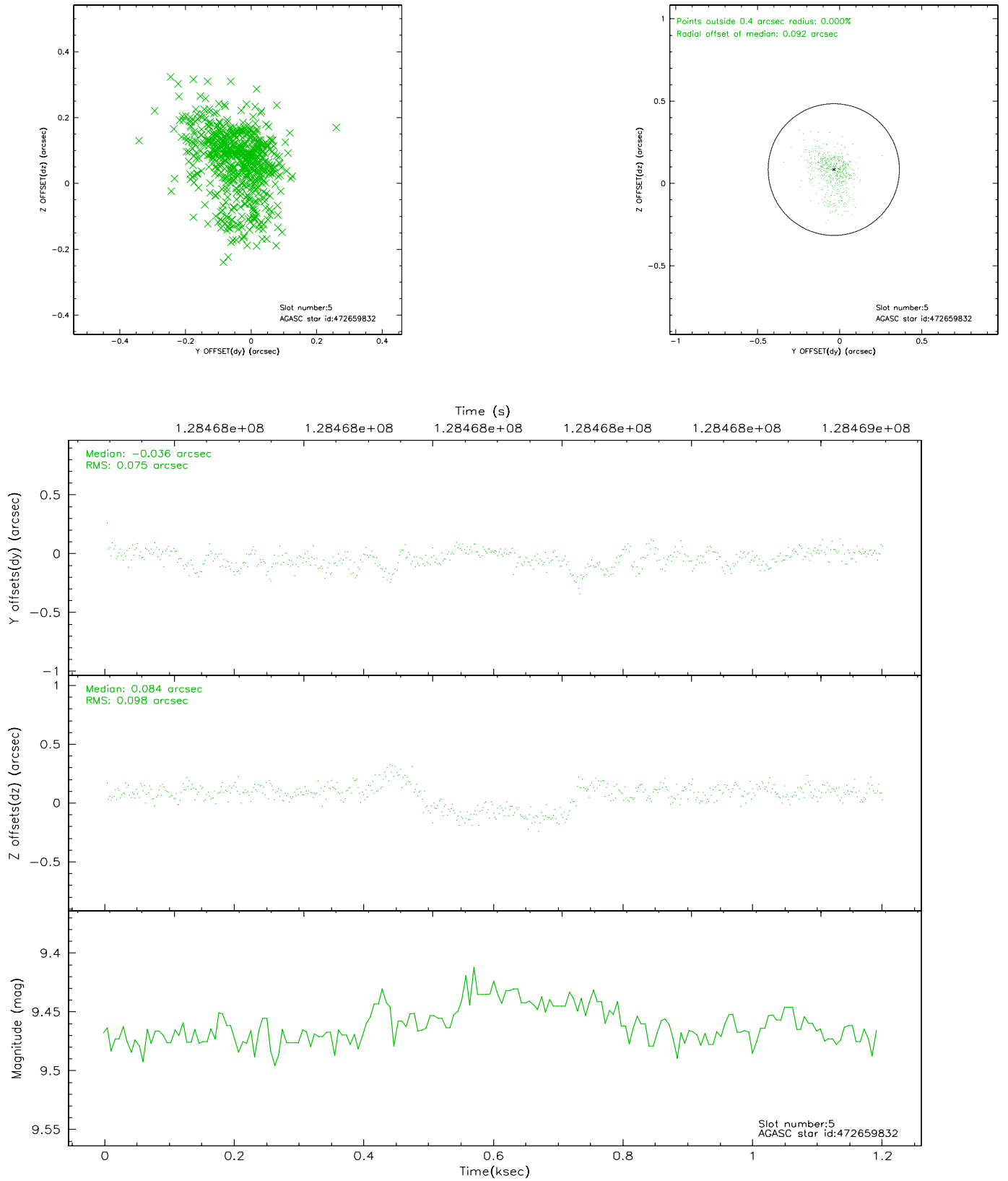
2.4.1 Slot 3



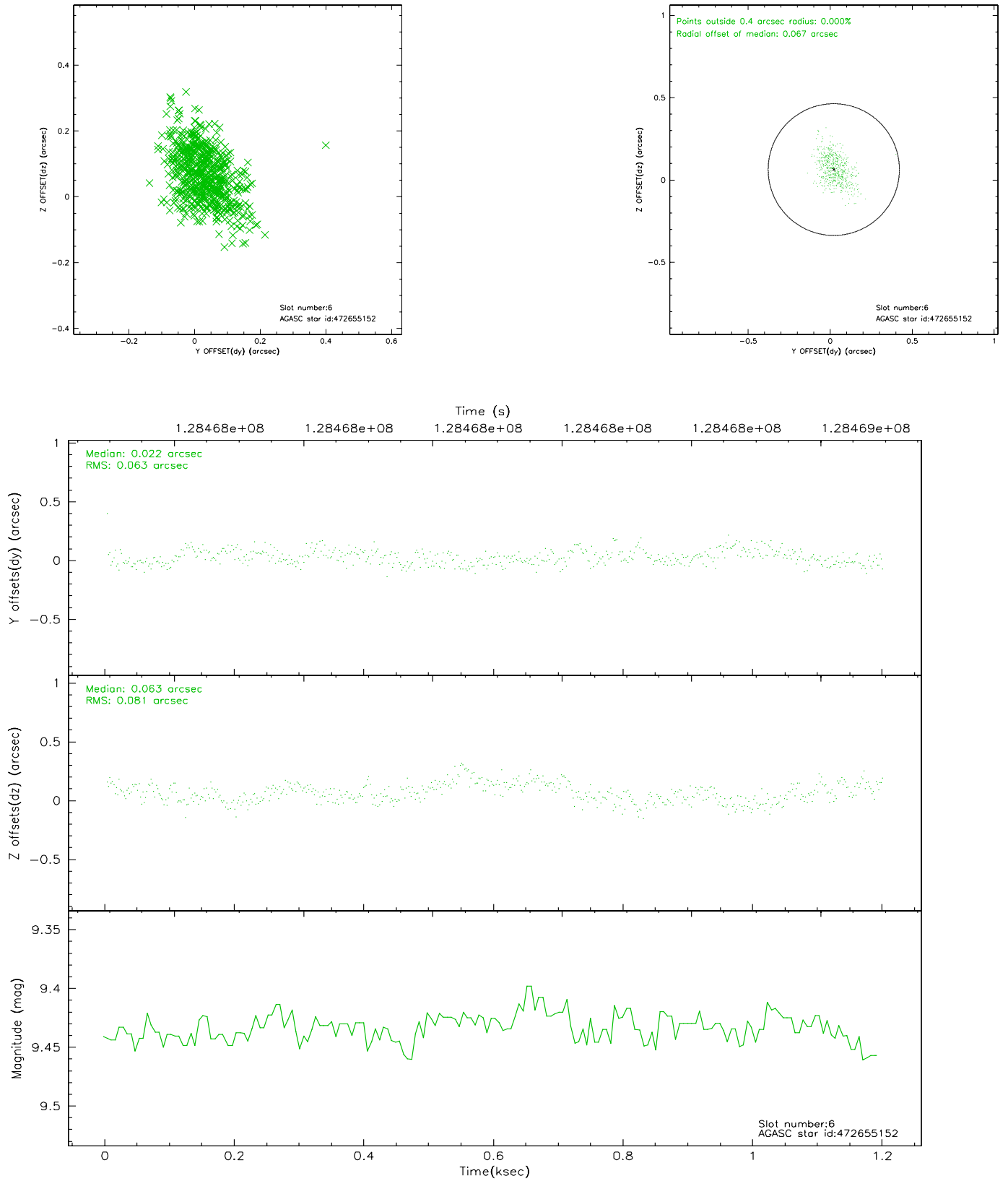
2.4.2 Slot 4



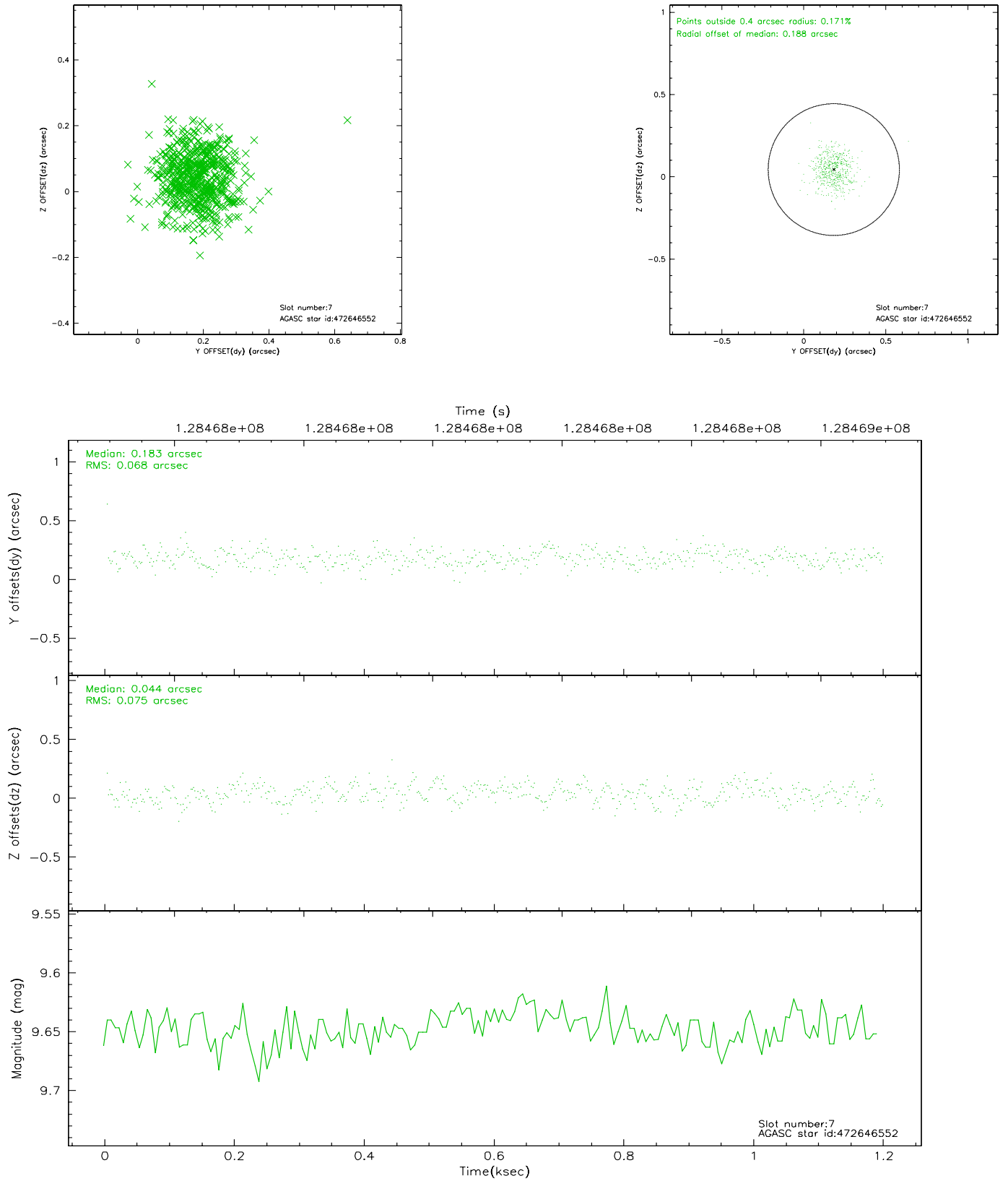
2.4.3 Slot 5



2.4.4 Slot 6

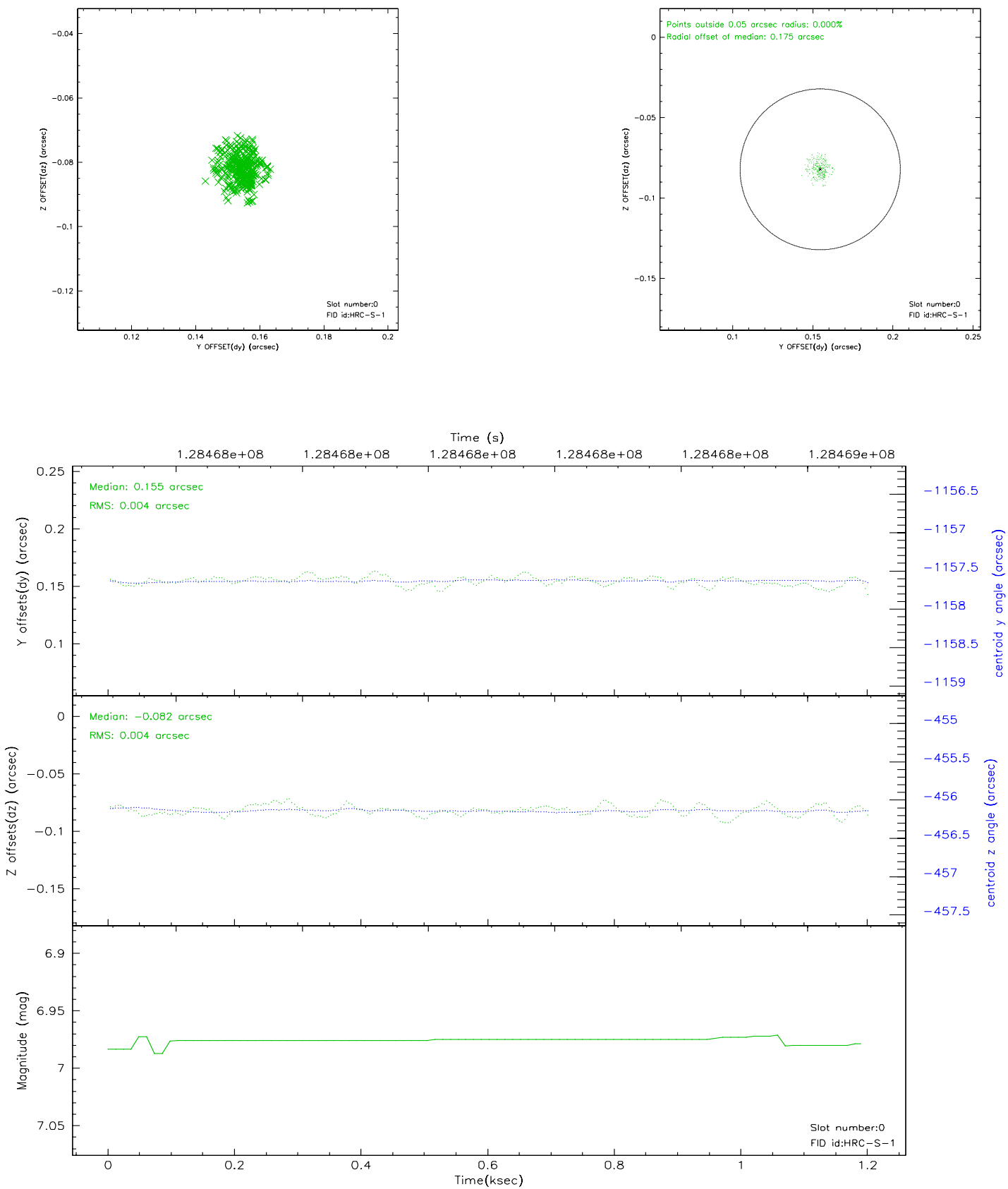


2.4.5 Slot 7

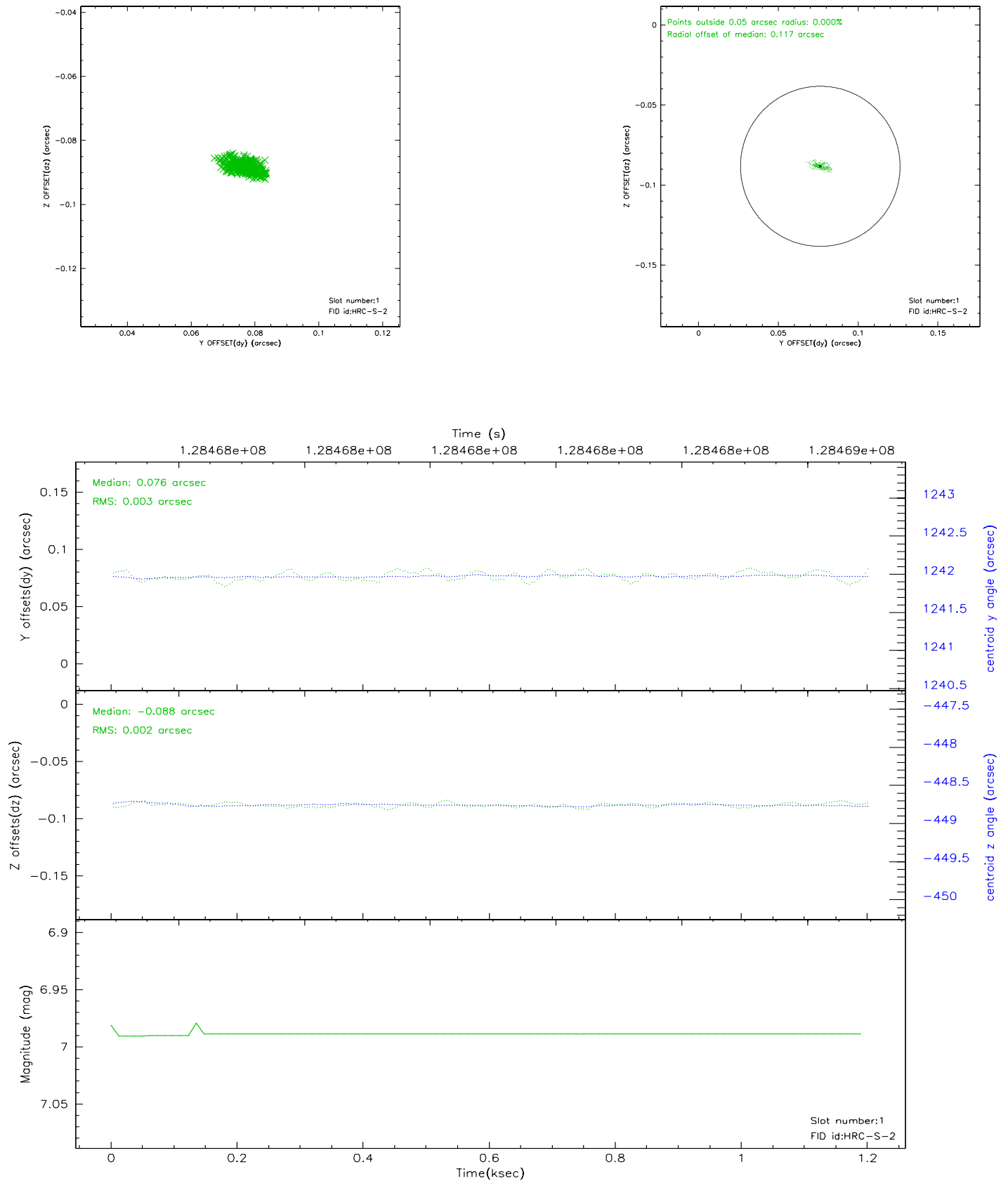


2.5 FID Slots

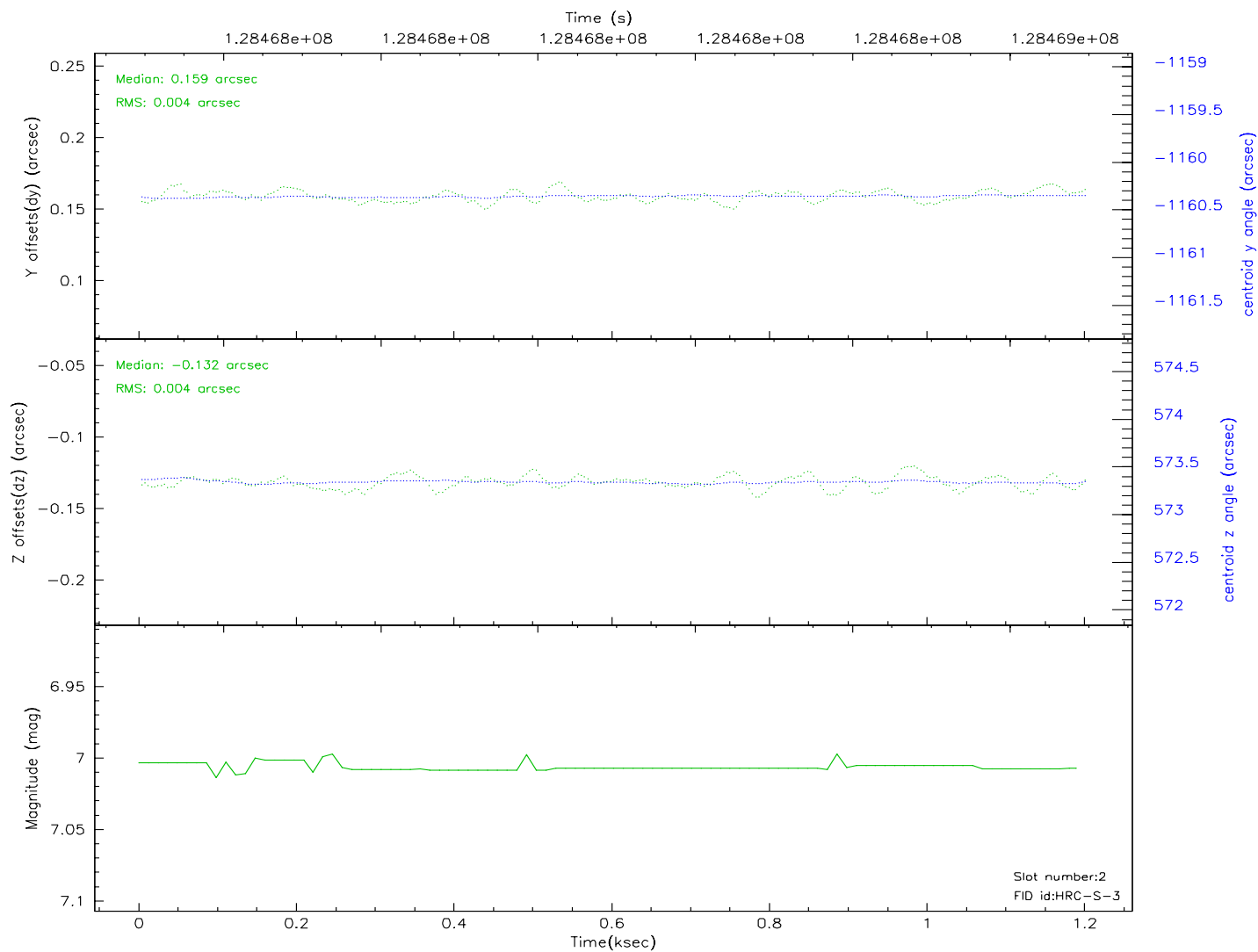
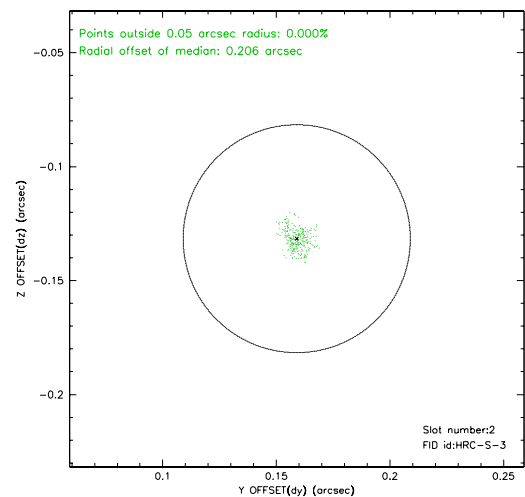
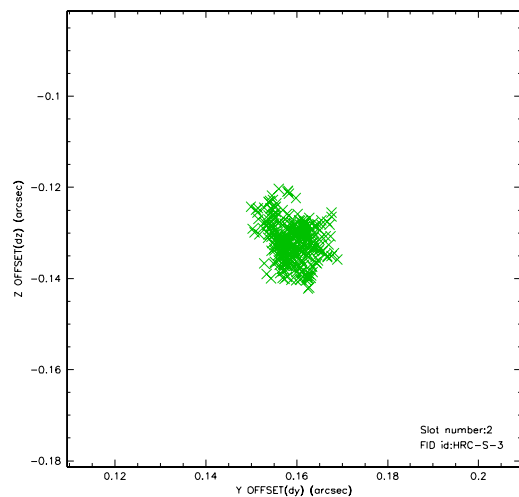
2.5.1 Slot 0



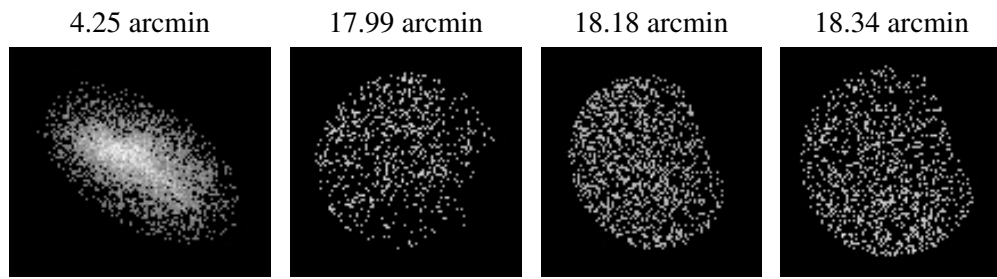
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Monitor constraint met.