

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4330 - L2 Version 001
Chandra X-Ray Center

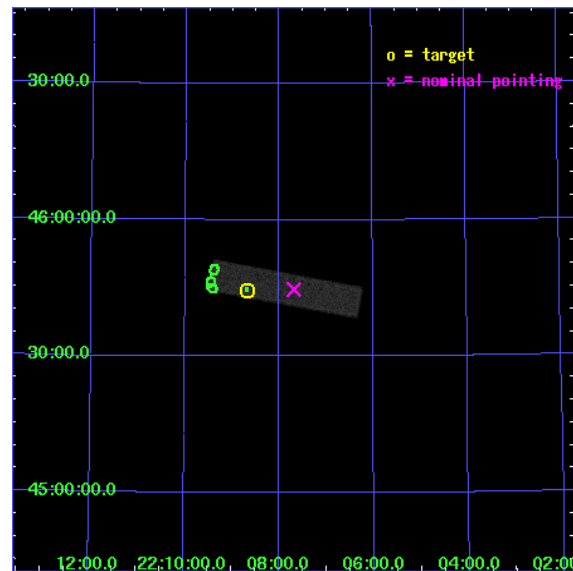
L2 Processing Date : Jul 7 2006

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1 Front

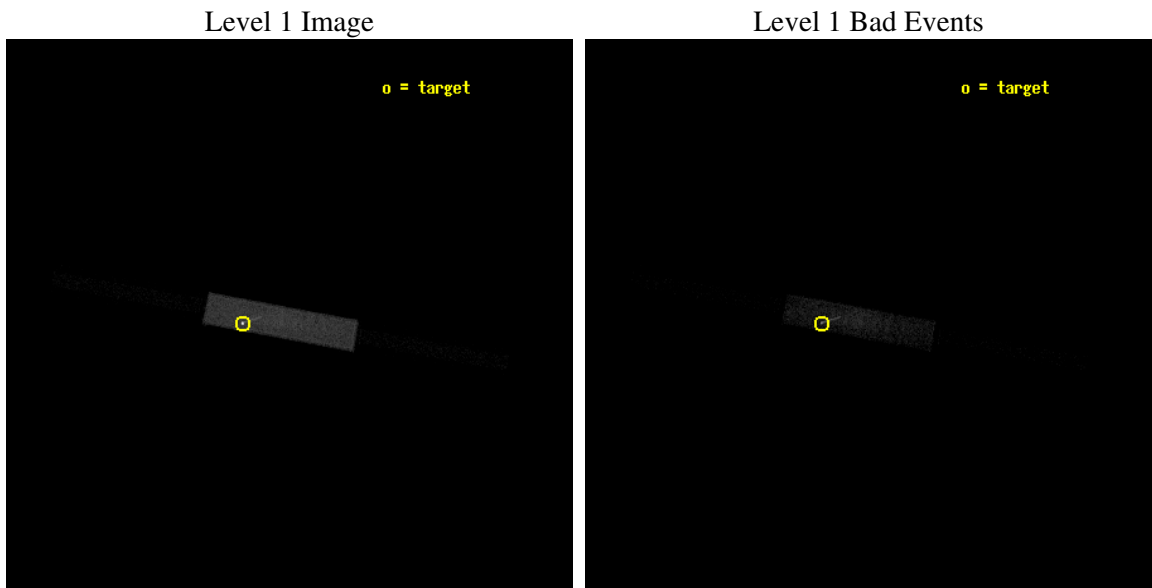
seq_num	290290
obs_id	4330
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.92030176935
dec_nom	45.745770420756
roll_nom	190.39038338923
revision	2
ontime	1143.1312989295
livetime	1137.2571630132
l2events	39605



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	2006-07-07T23:18:13
revision	2

sched_exp_time	1000.000000
ontime	1189.2563008964
l1events	68471

2.1.3 Events

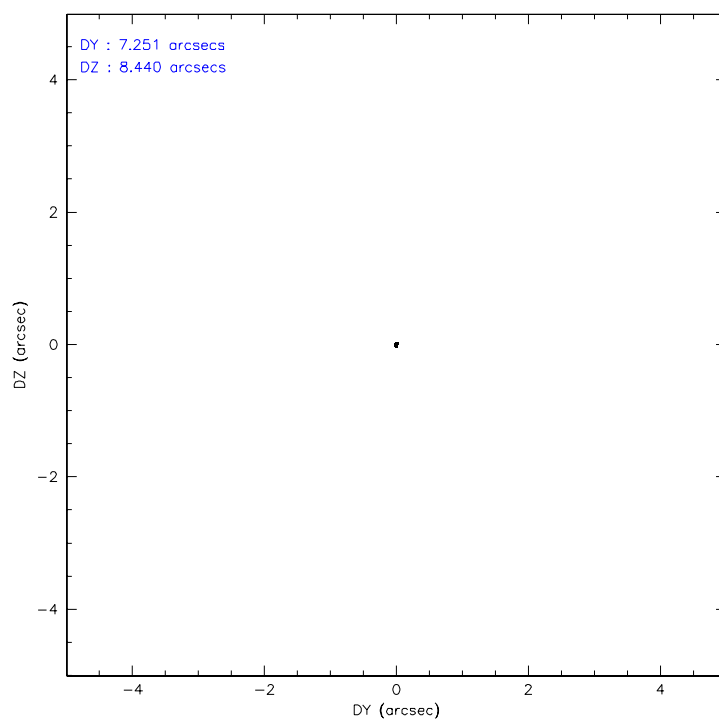
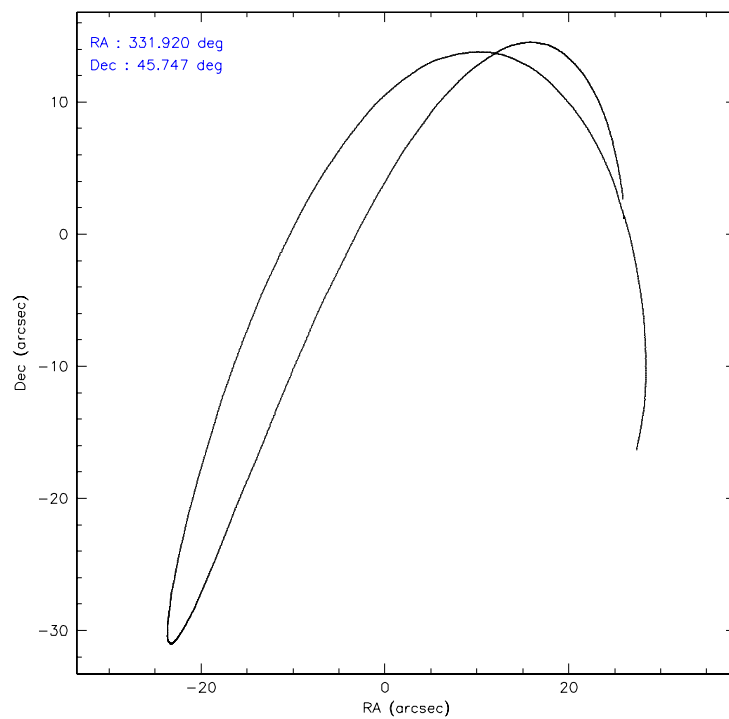
Level 1 Events

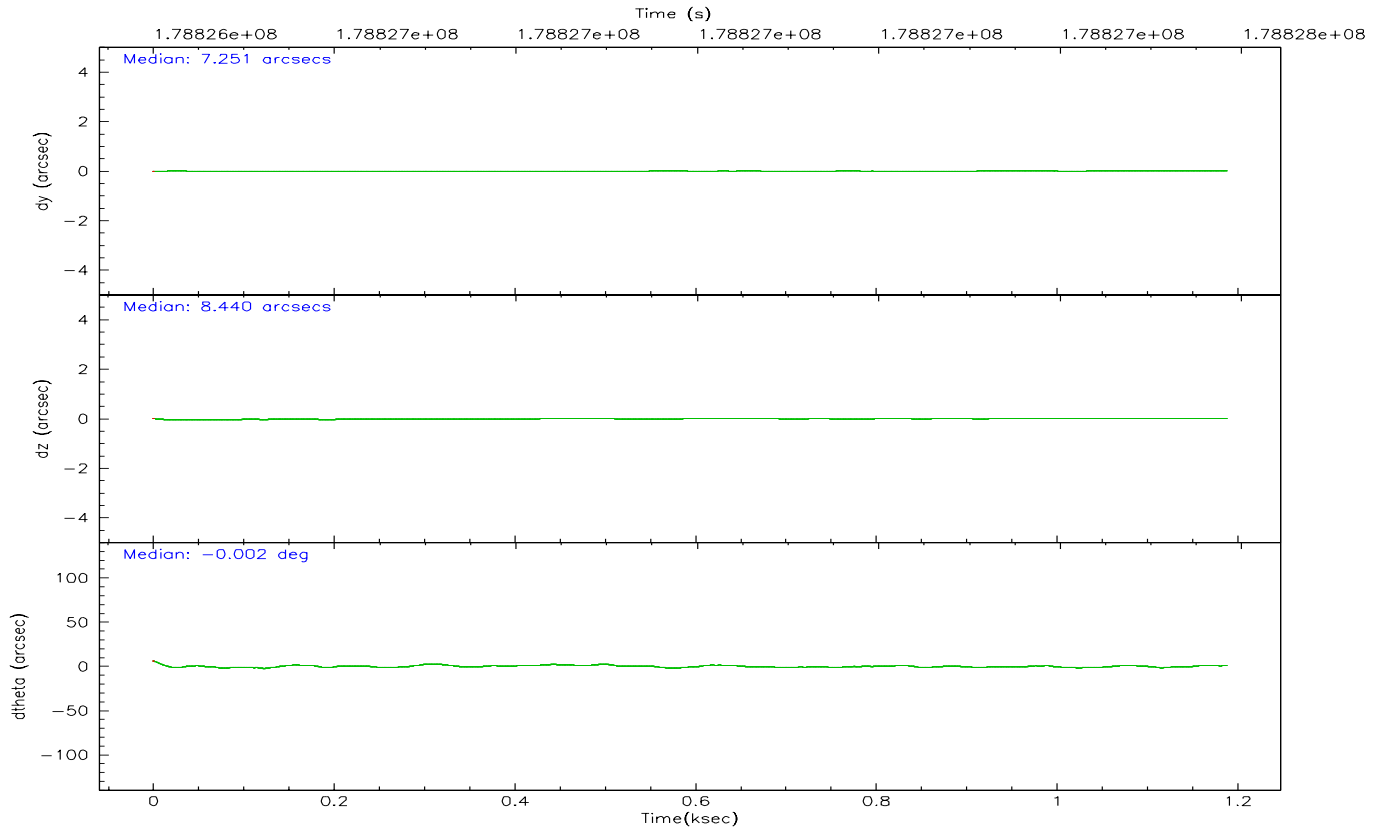
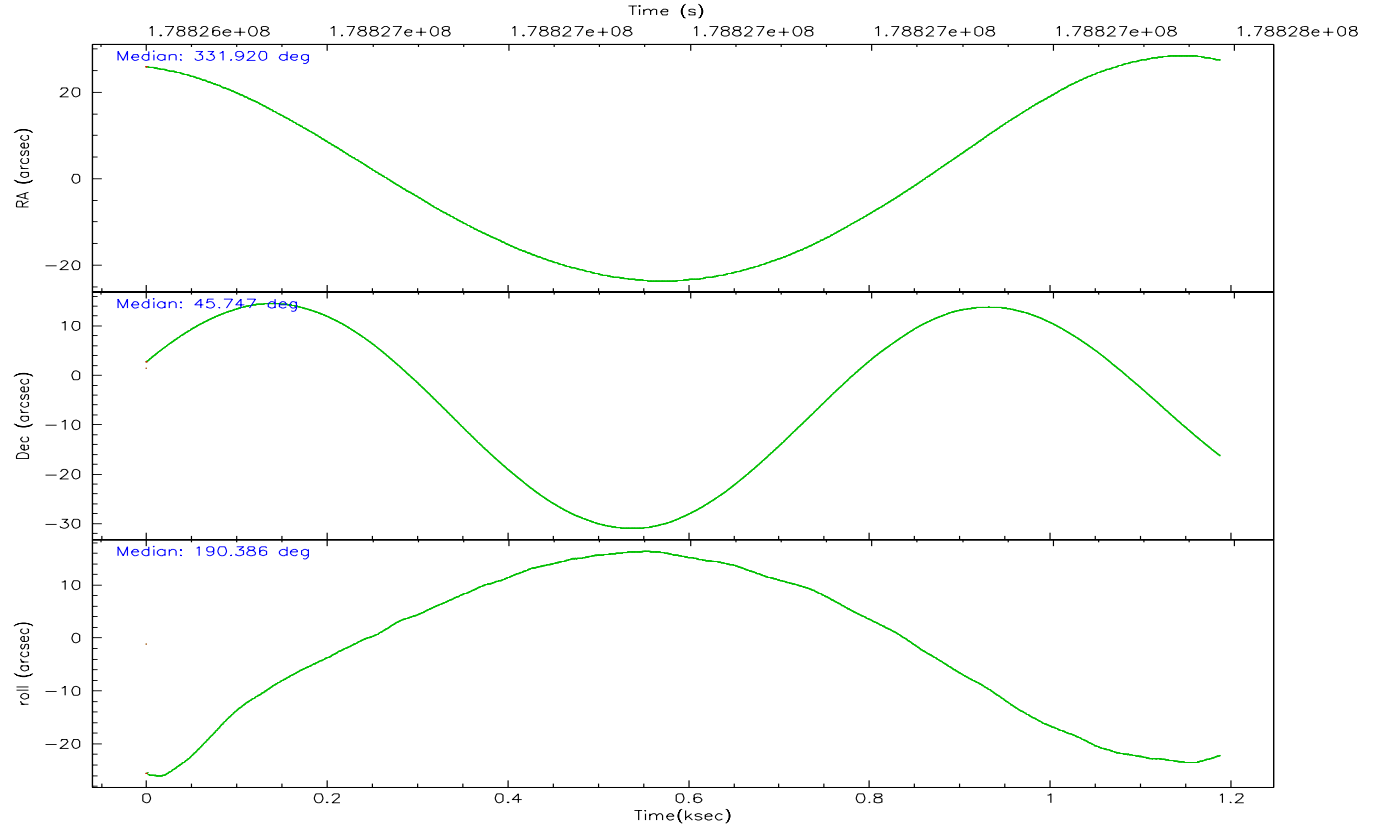
	segment 1	segment 2	segment 3
level 1 events	1045	66404	1022
rejected events	1045	23965	1022
rejected %	100%	36%	100%

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	331.949731	331.9203017693493			
Pointing Dec	45.764380	45.74577042075562			
Pointing Roll	190.302011	190.3903833892289			
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	178826588.184000	178826212.47075			
Observation start date	2003-09-01T18:02:04	2003-09-01T17:56:52			
Observation end time	178827588.184000	178827722.29582			
Observation end date	2003-09-01T18:18:44	2003-09-01T18:22:02			

2.3 Aspect



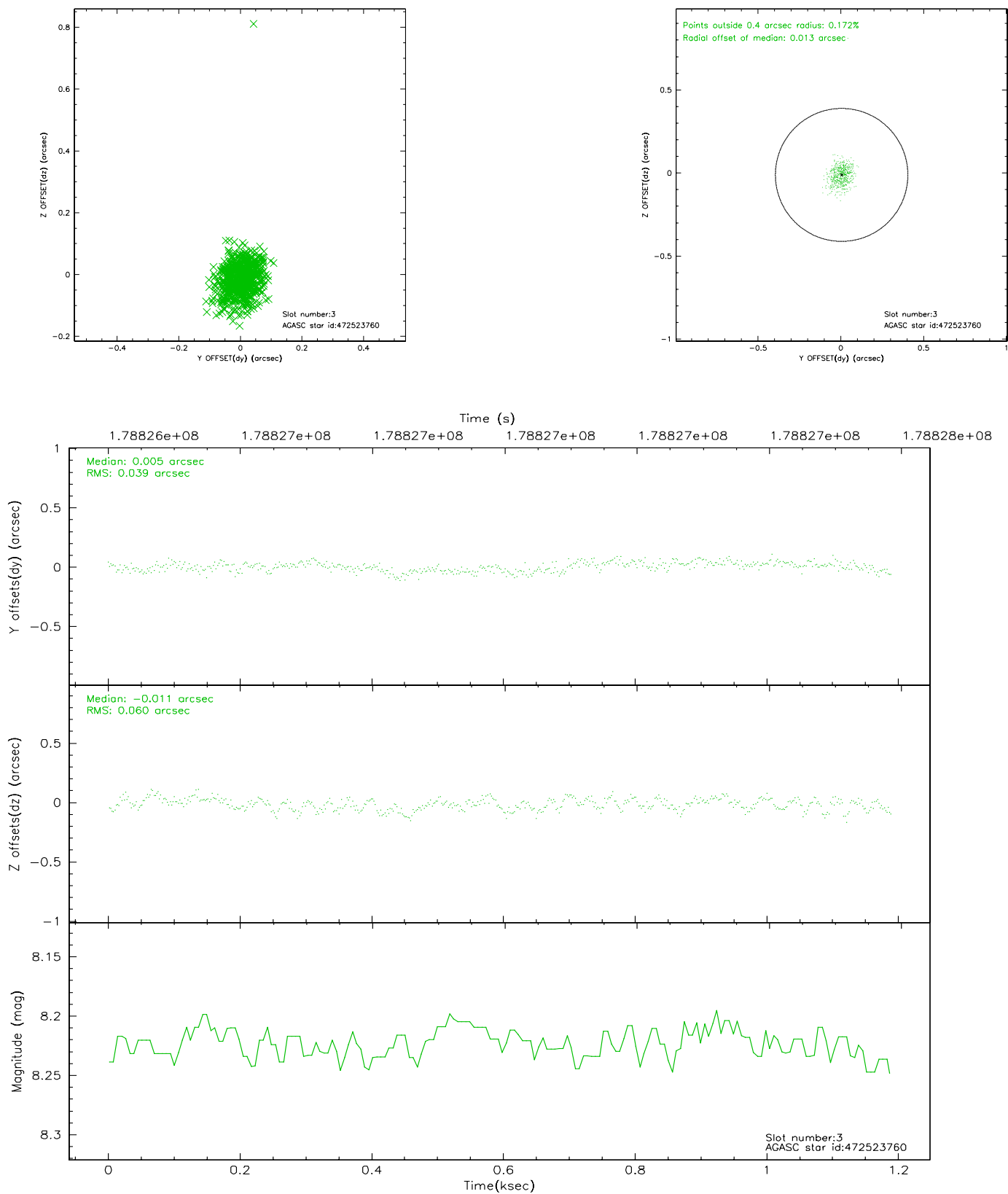


Slot Statistics

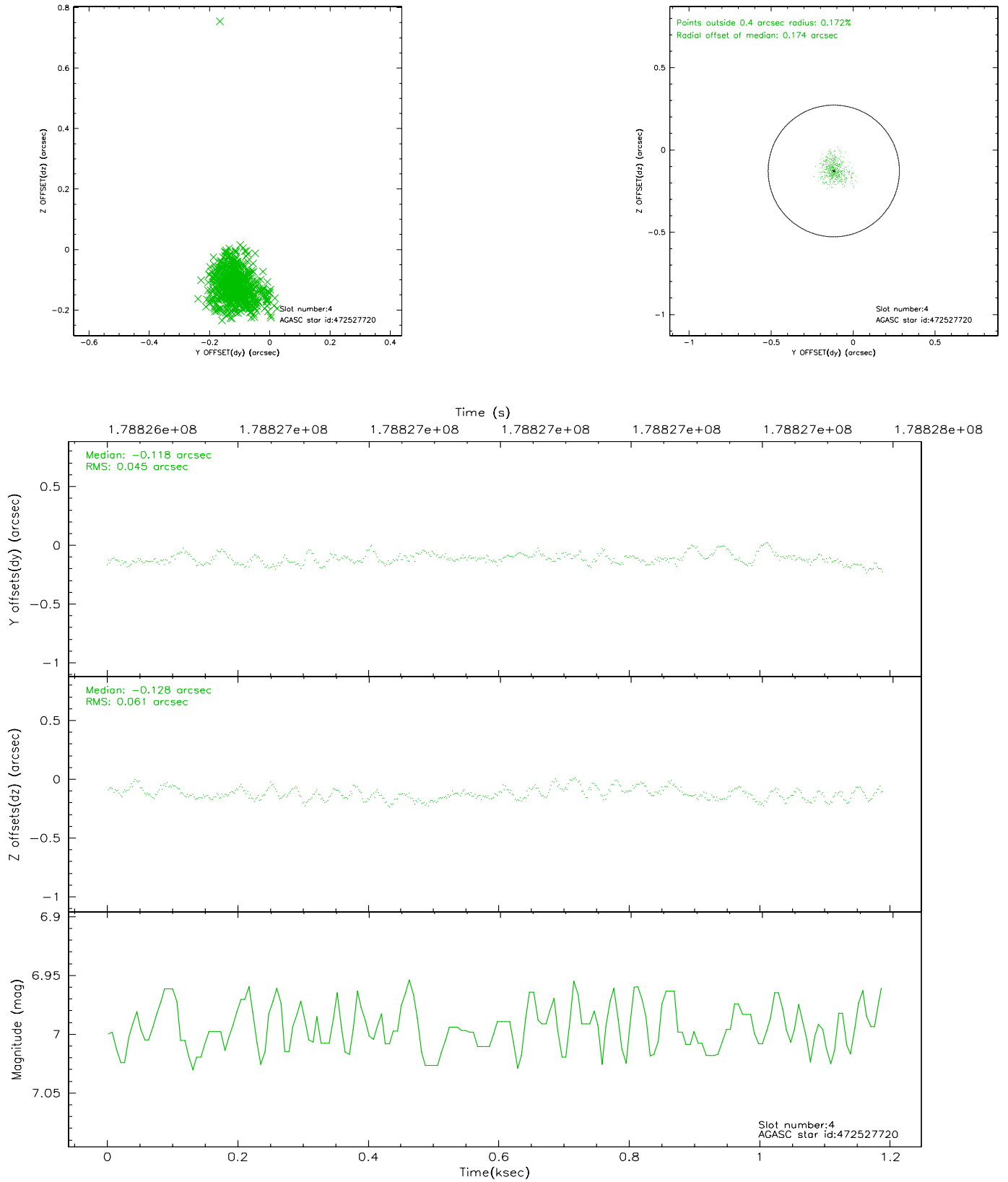
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.115	-0.135	0.006	0.012	0.000000	0.000000	-1161.44	-457.02
1	FID	HRC-S-3	7.03	291	0.063	-0.069	0.008	0.013	0.000000	0.000000	-1168.17	571.01
2	FID	HRC-S-4	6.99	291	0.210	-0.094	0.006	0.009	0.000000	0.000000	1232.93	577.00
3	GUIDE	472523760	8.22	581	0.005	-0.011	0.067	0.108	331.645363	45.403260	991.00	1143.63
4	GUIDE	472527720	7.00	581	-0.118	-0.128	0.074	0.117	331.460205	45.112509	1646.02	2088.26
5	GUIDE	472535576	7.85	581	-0.084	0.103	0.064	0.105	331.438373	46.291802	916.07	-2092.37
6	GUIDE	472655152	9.44	581	0.078	0.031	0.090	0.150	332.504239	45.862991	-1428.53	-105.57
7	GUIDE	472659832	9.46	580	0.115	0.004	0.105	0.182	332.780399	46.098139	-2257.41	-818.83

2.4 Star Slots

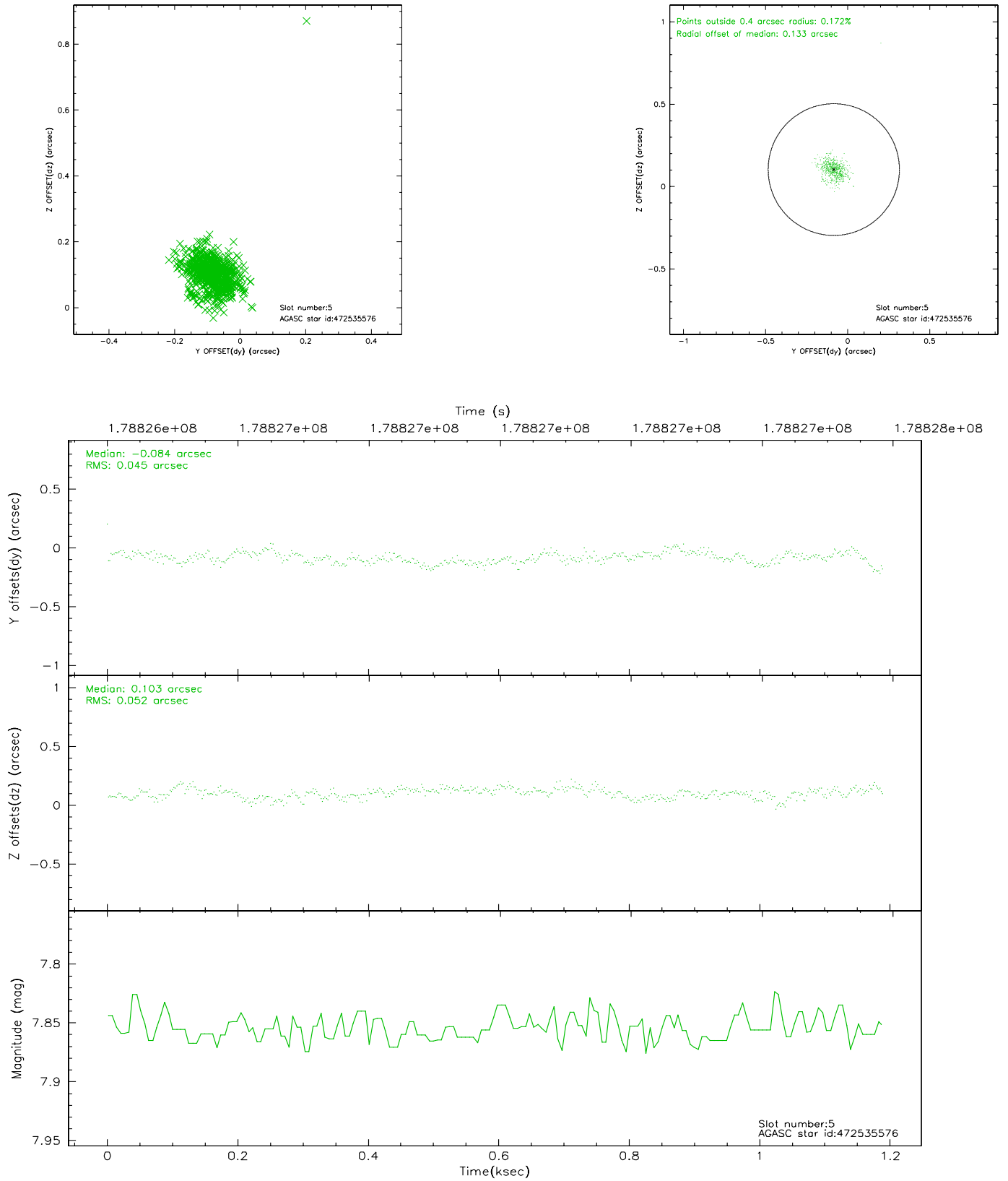
2.4.1 Slot 3



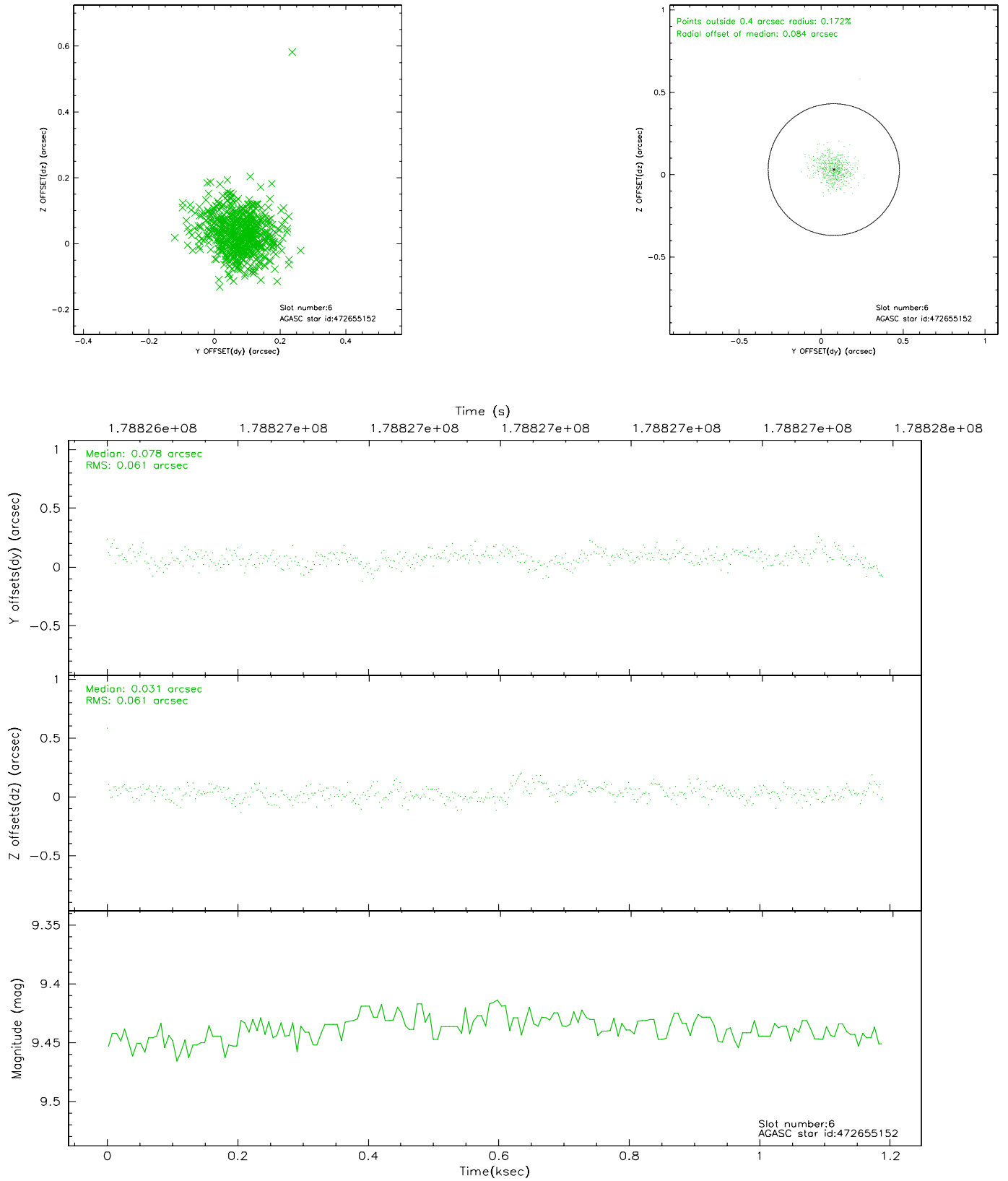
2.4.2 Slot 4



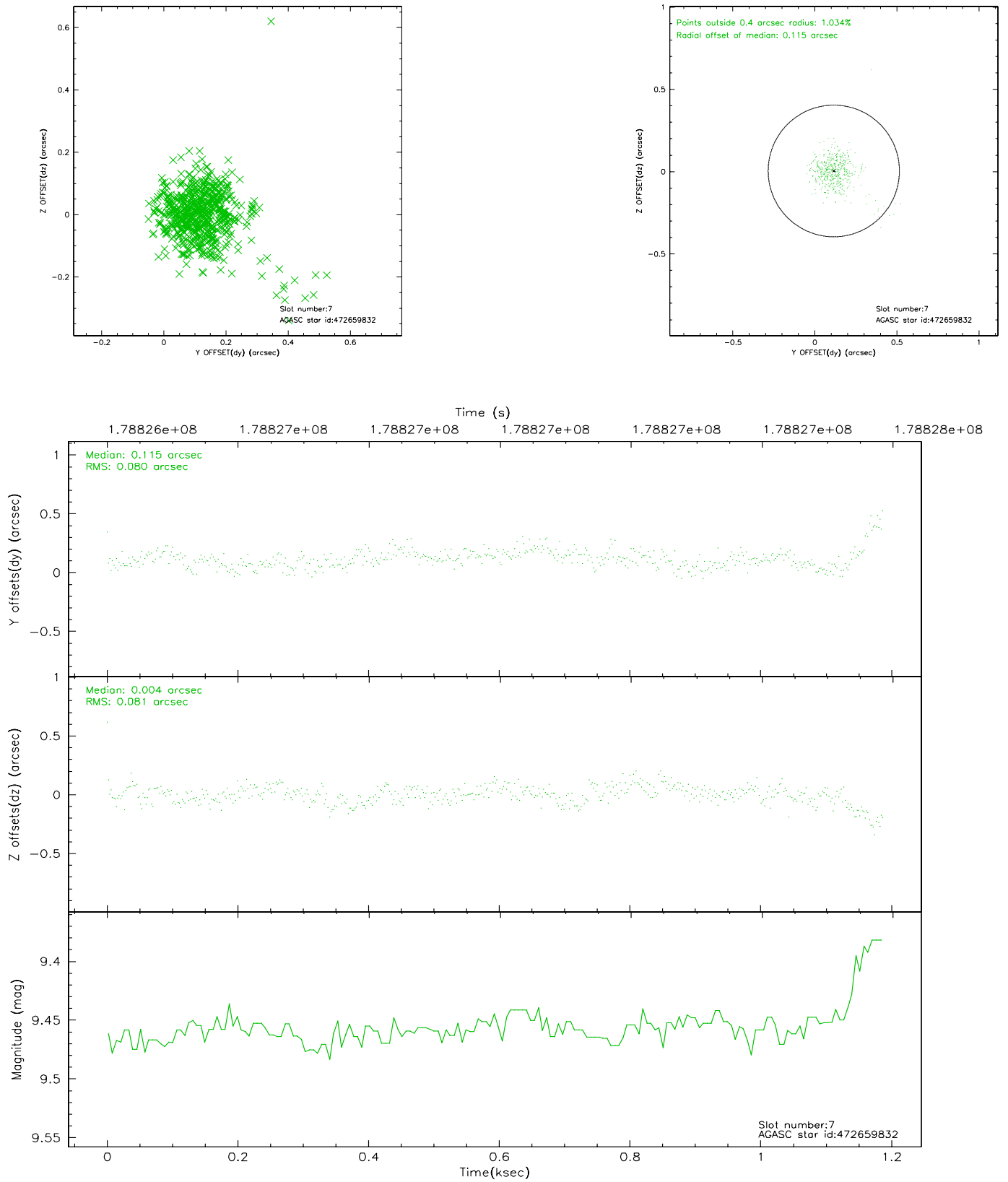
2.4.3 Slot 5



2.4.4 Slot 6

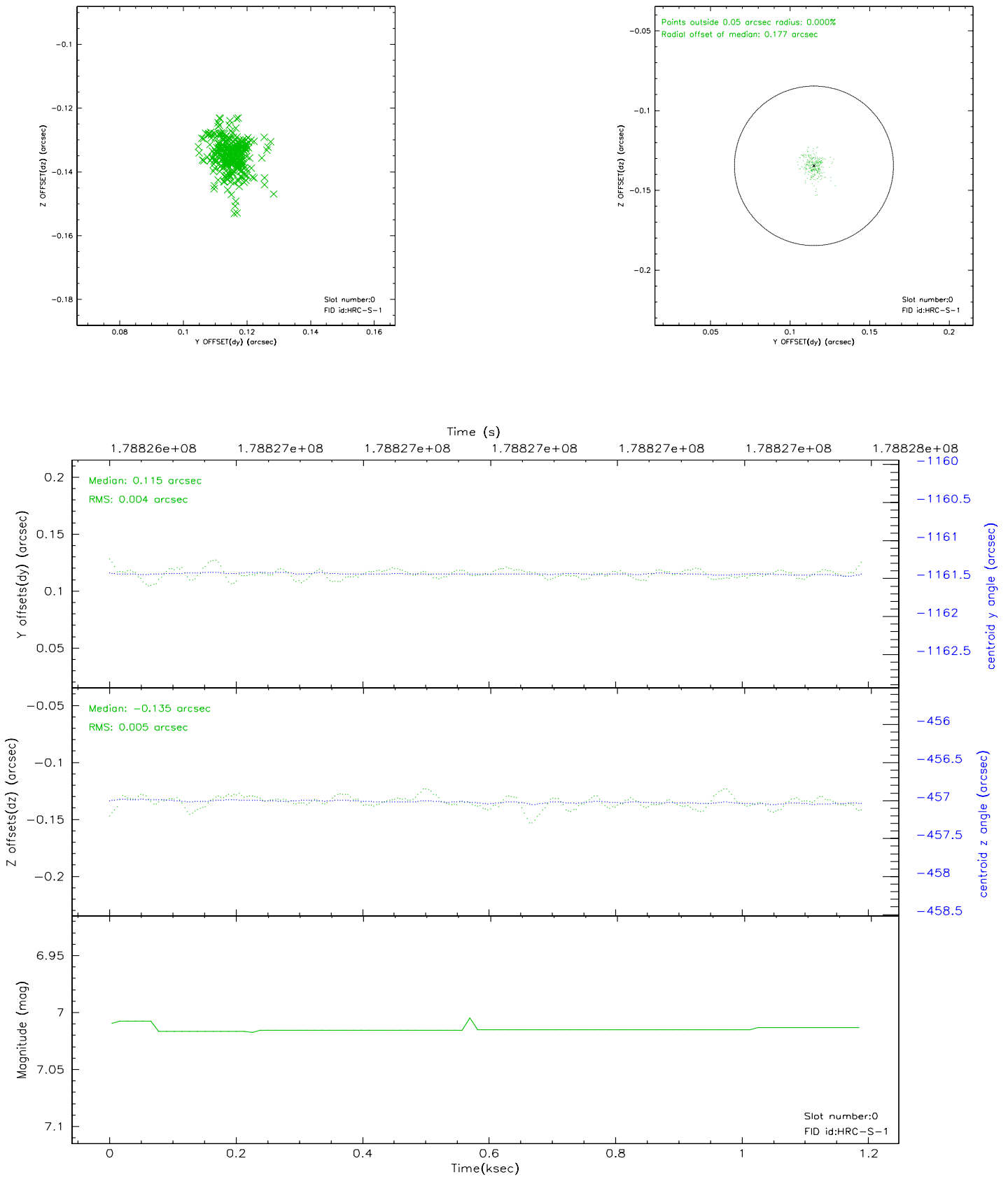


2.4.5 Slot 7

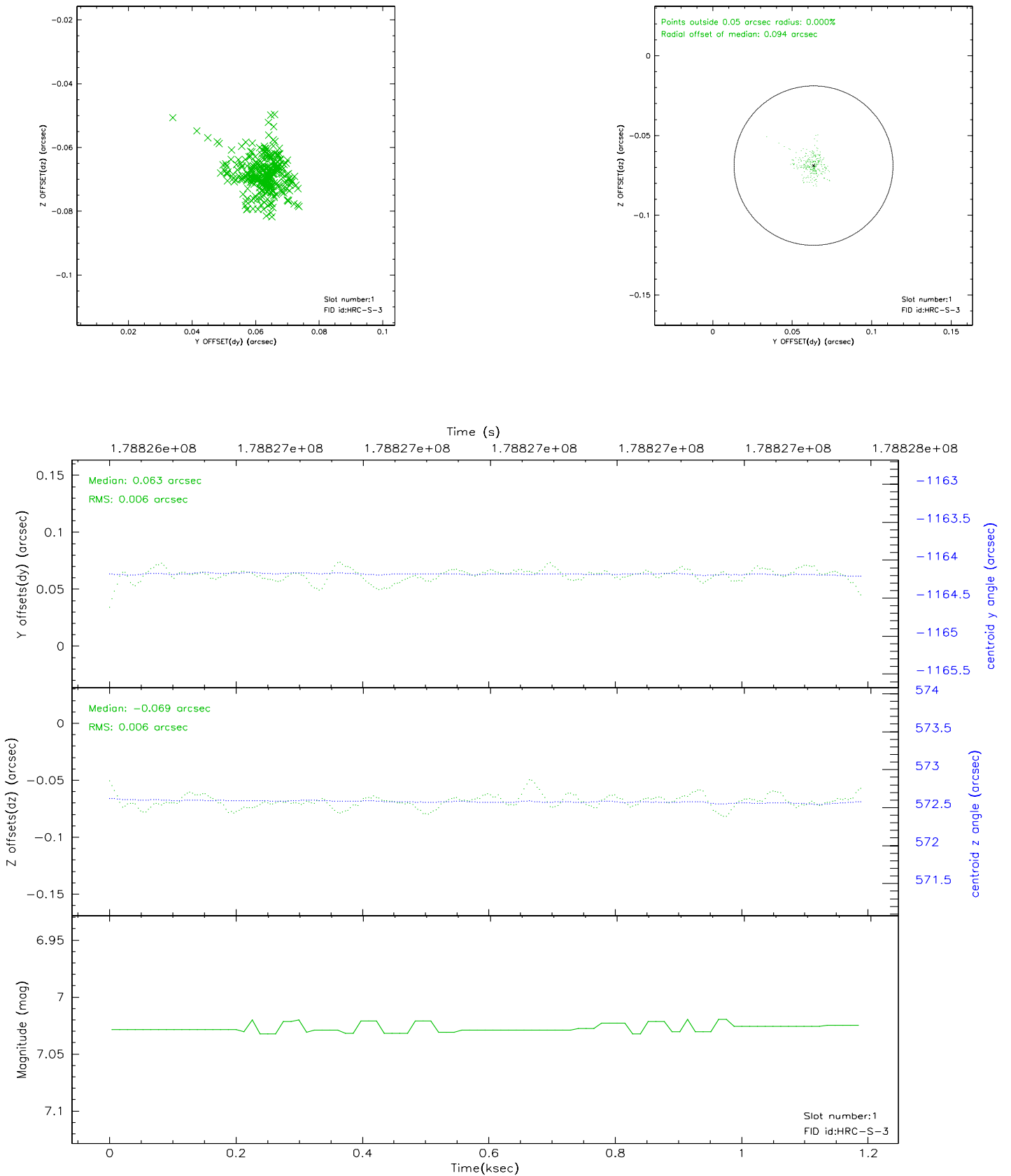


2.5 FID Slots

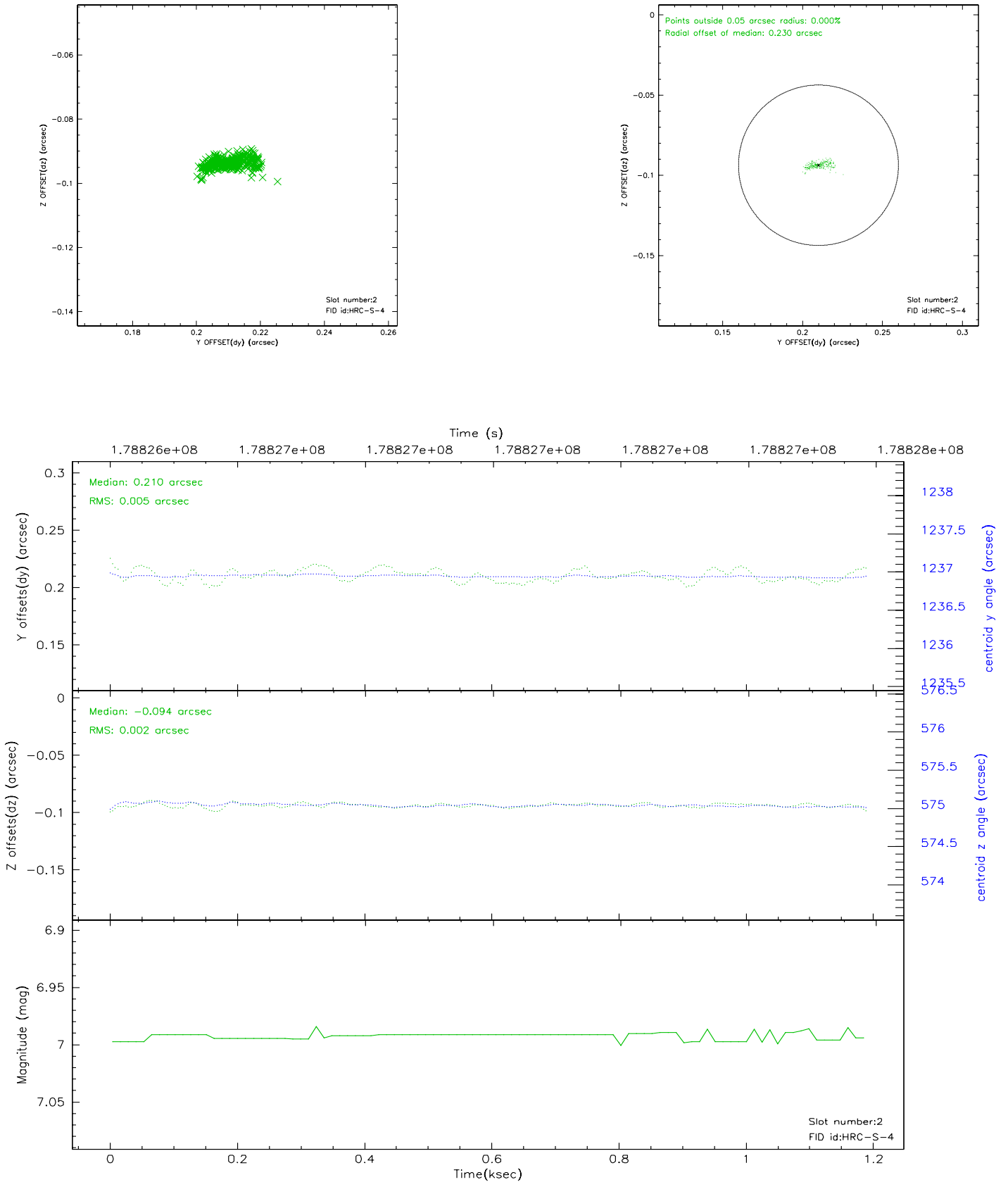
2.5.1 Slot 0



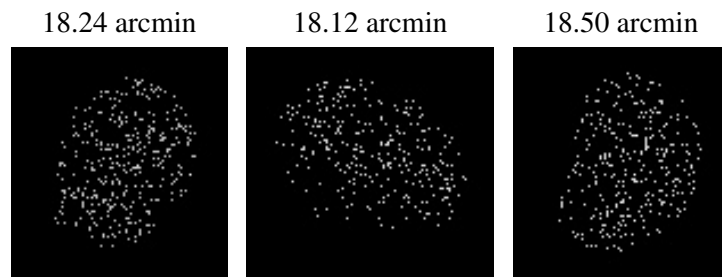
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments

Monitor constraint met.

Target is near the edge of the chip.