

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2640 - L2 Version 001
Chandra X-Ray Center

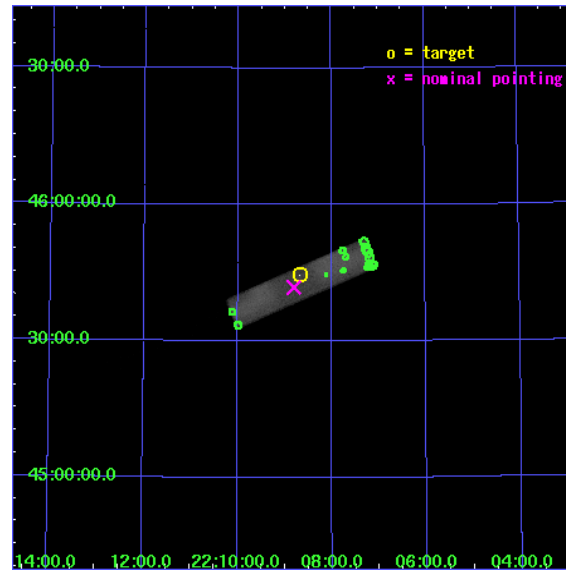
L2 Processing Date : Aug 29 2006

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1 Front

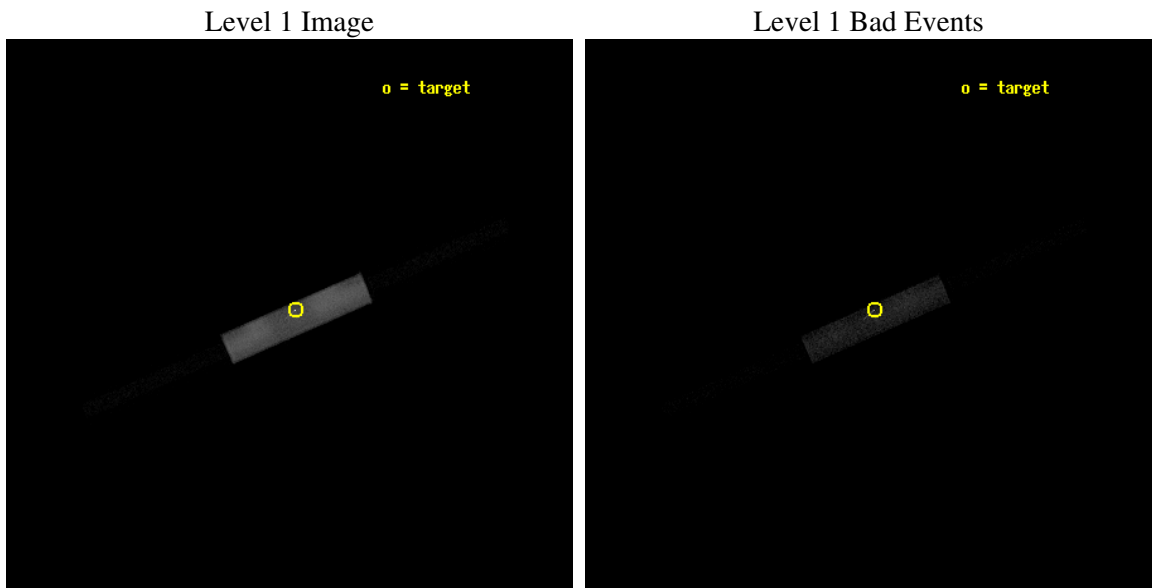
seq_num	290196
obs_id	2640
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20121863054
dec_nom	45.697337549
roll_nom	336.38879511796
revision	2
ontime	1151.3312963992
livetime	1137.2312766777
l2events	109696



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	2006-08-29T03:07:02
revision	2

sched_exp_time	1000.000000
ontime	1203.3500484973
l1events	150318

2.1.3 Events

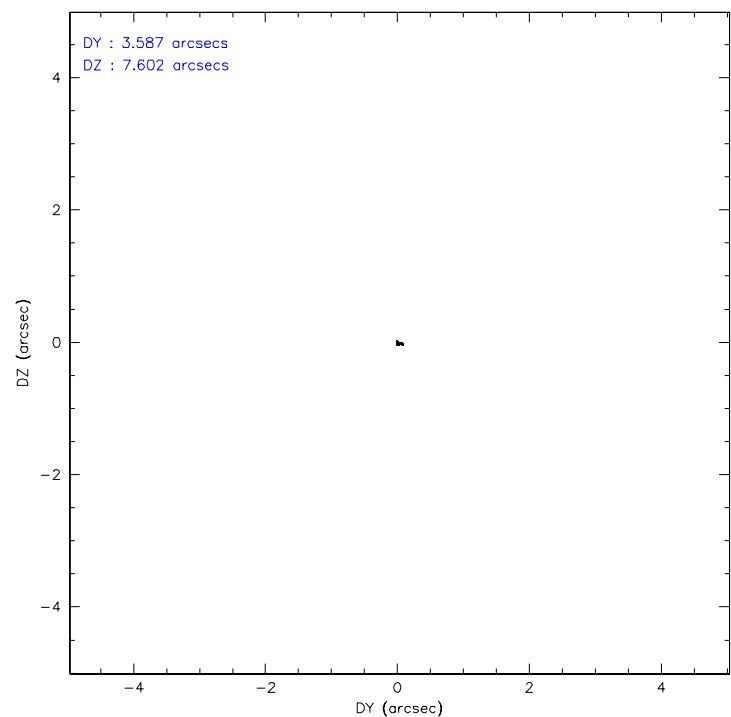
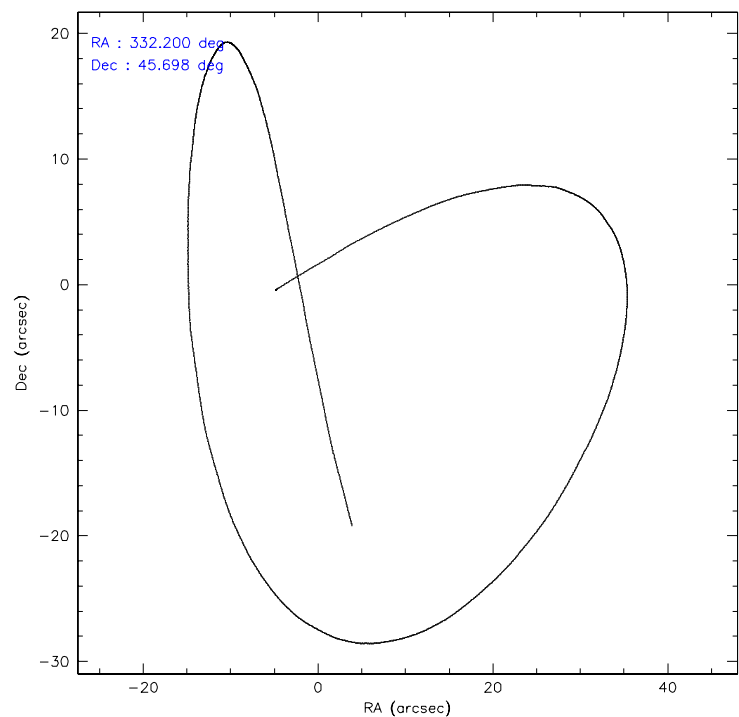
Level 1 Events

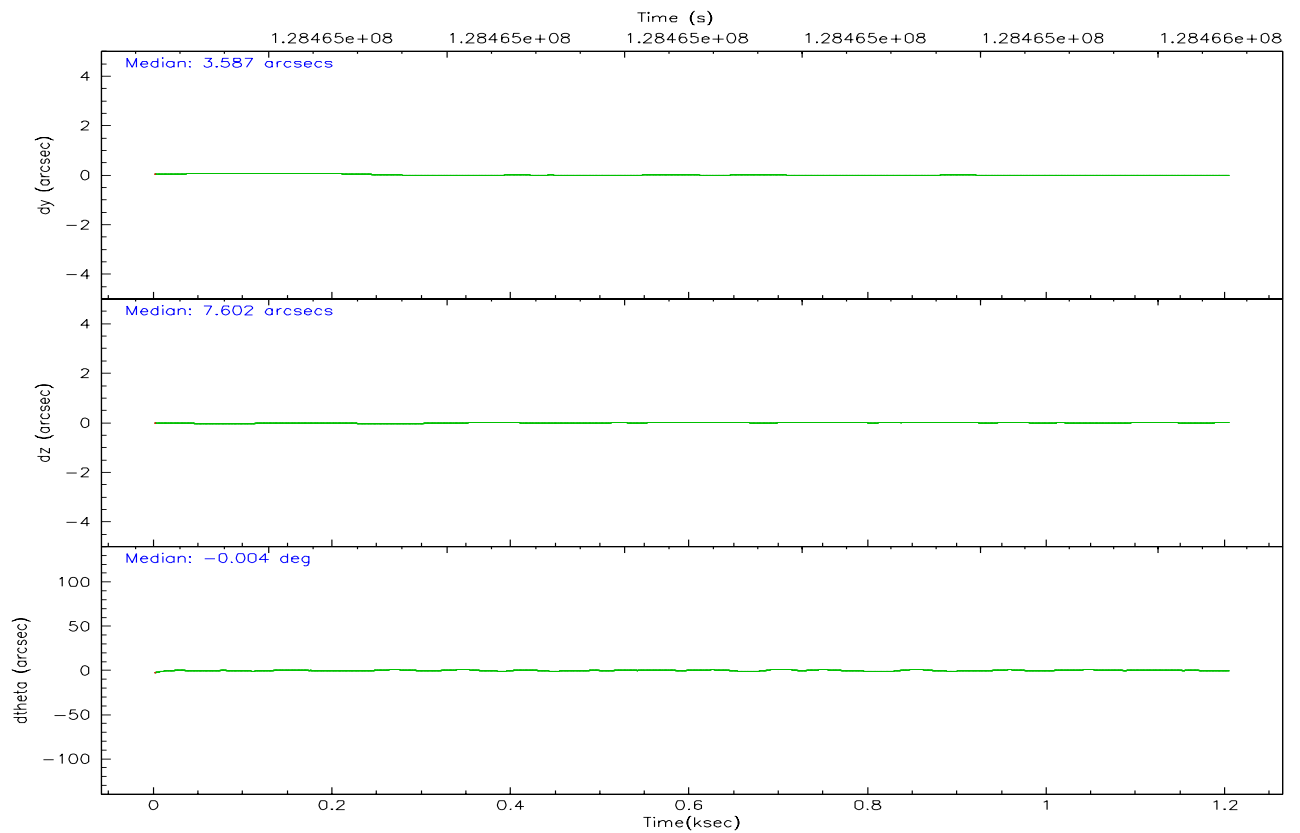
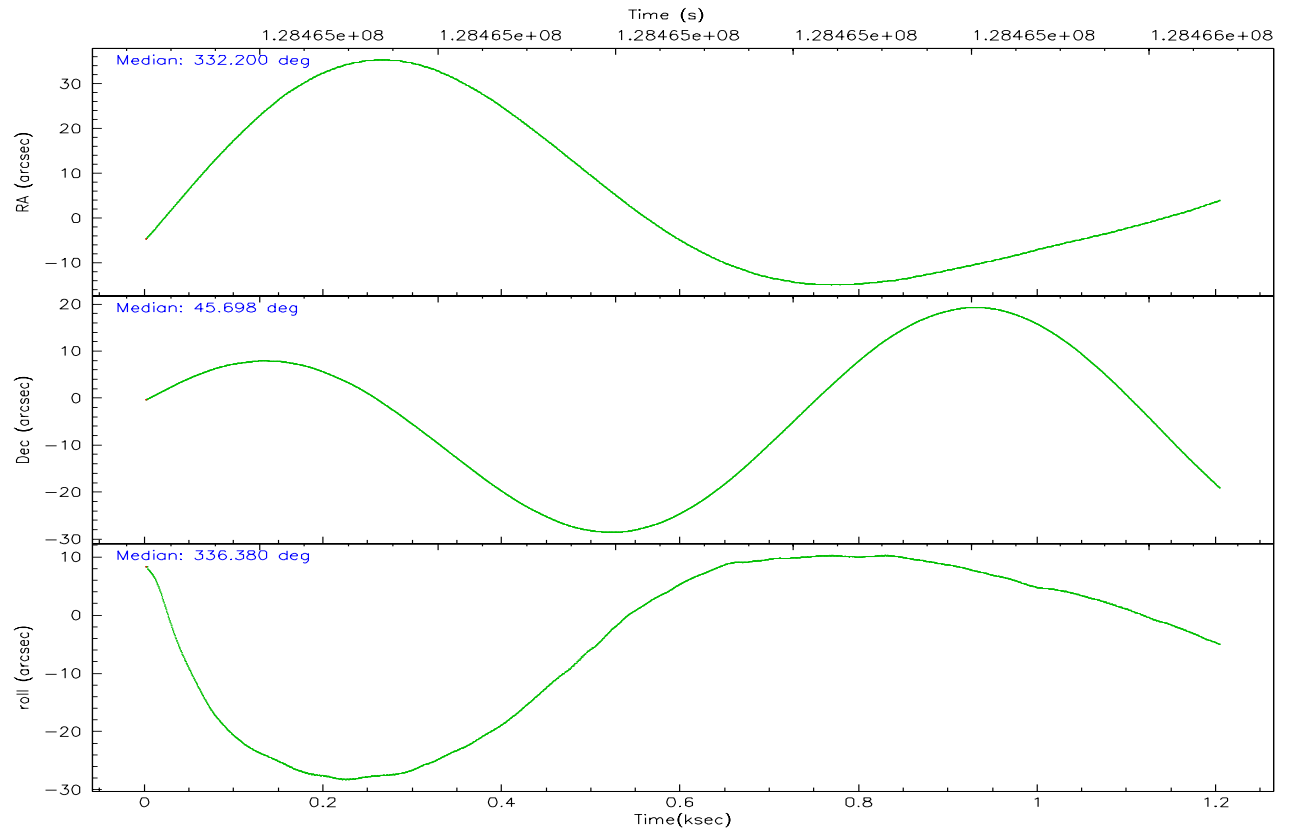
	segment 1	segment 2	segment 3
level 1 events	1303	147691	1324
rejected events	1303	34718	1305
rejected %	100%	23%	98%

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	332.160220	332.2012186305432			
Pointing Dec	45.691804	45.6973375490001			
Pointing Roll	336.350687	336.3887951179587			
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	128464677.184000	128464301.12671			
Observation start date	2002-01-26T20:36:53	2002-01-26T20:31:41			
Observation end time	128465677.184000	128465810.95177			
Observation end date	2002-01-26T20:53:33	2002-01-26T20:56:50			

2.3 Aspect



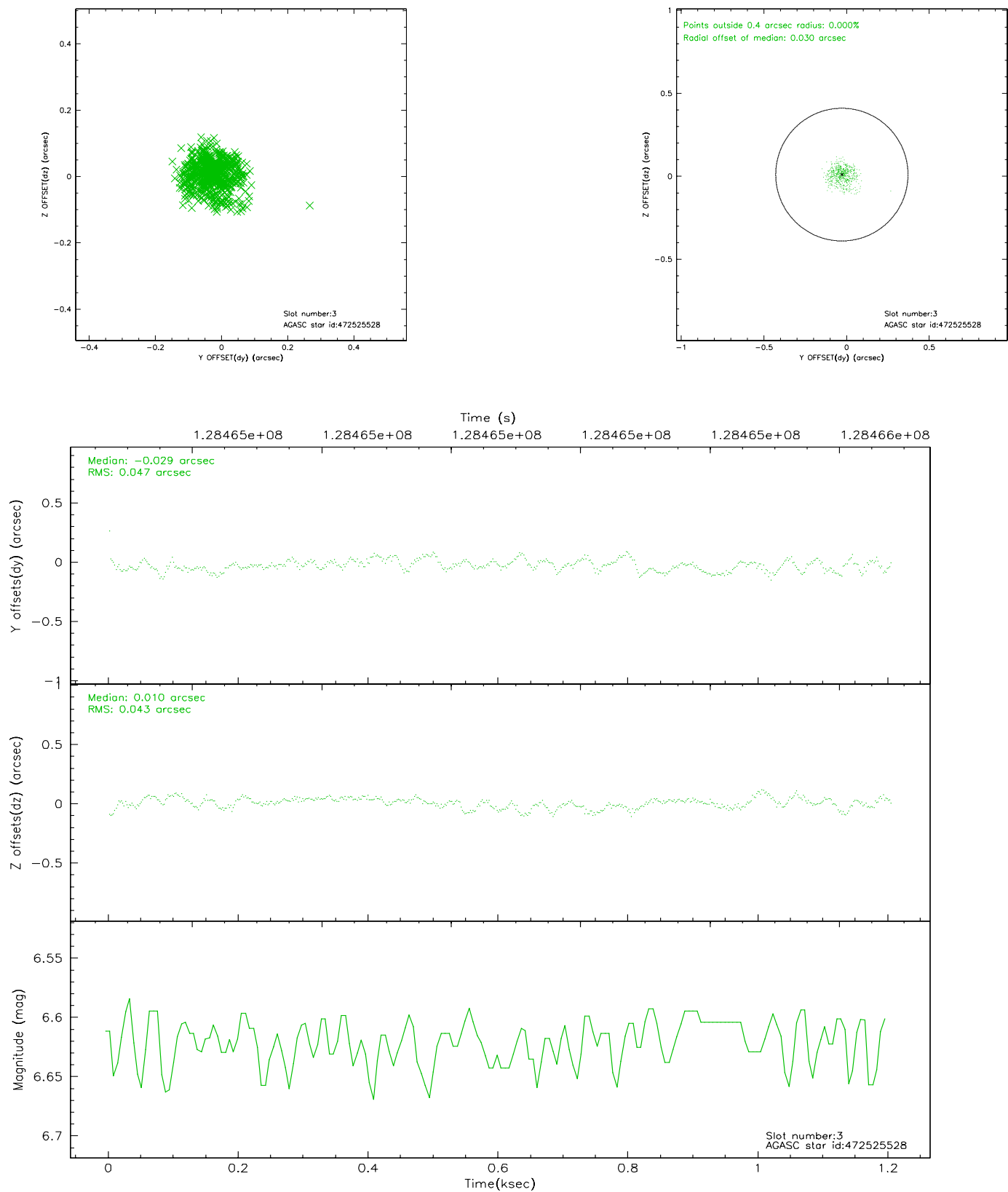


Slot Statistics

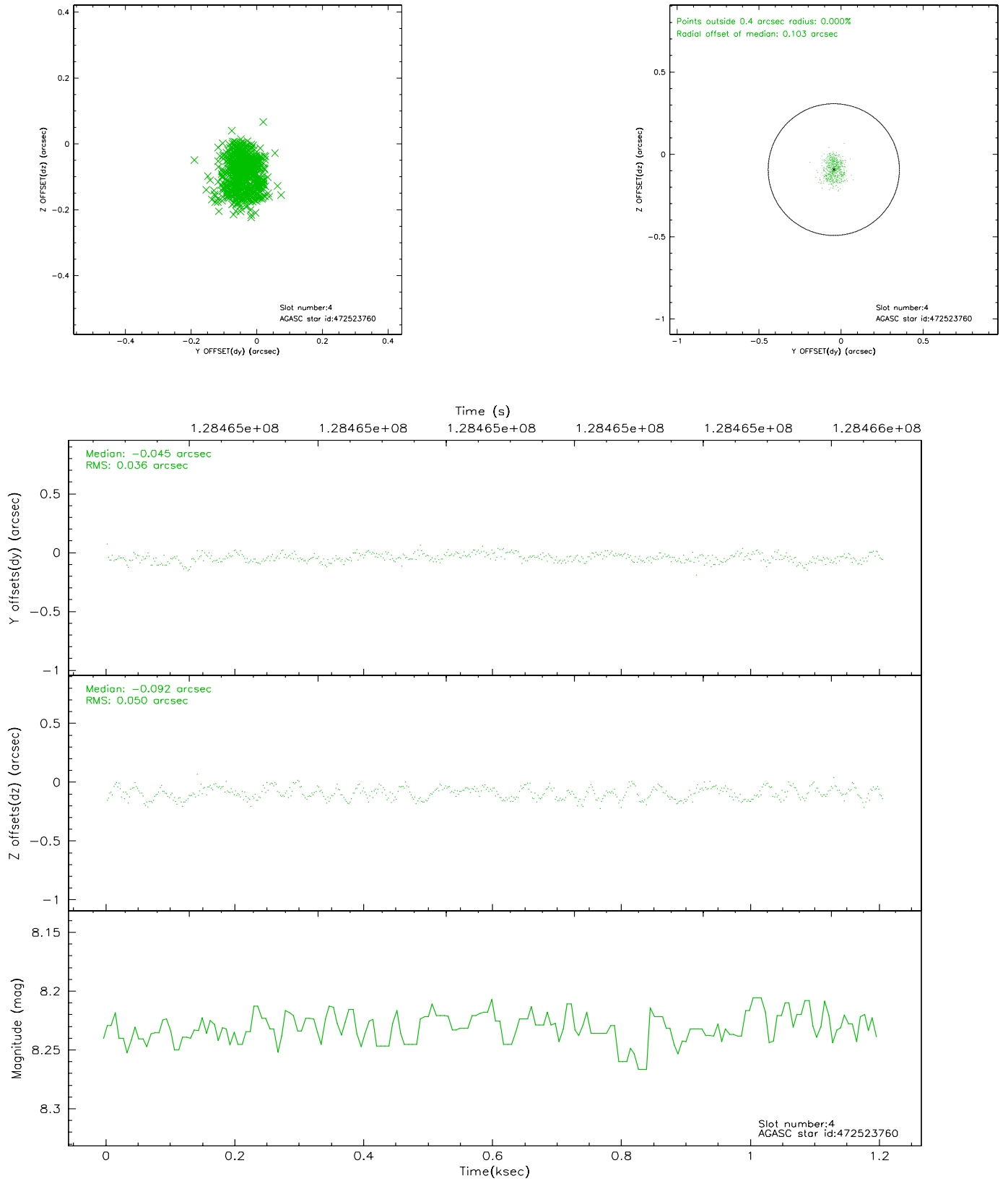
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	294	0.151	-0.081	0.006	0.011	0.000000	0.000000	-1157.63	-456.14
1	FID	HRC-S-2	6.99	294	0.079	-0.088	0.004	0.007	0.000000	0.000000	1238.04	-450.31
2	FID	HRC-S-3	7.00	294	0.160	-0.133	0.007	0.010	0.000000	0.000000	-1156.14	571.81
3	GUIDE	472525528	6.62	588	-0.029	0.010	0.068	0.108	331.551102	45.248694	-776.57	-2079.57
4	GUIDE	472523760	8.23	588	-0.045	-0.092	0.067	0.102	331.645363	45.403260	-778.44	-1477.80
5	GUIDE	472665256	9.01	588	-0.070	-0.023	0.091	0.146	332.808125	46.195041	747.58	2306.47
6	GUIDE	472659832	9.47	588	0.117	0.077	0.108	0.179	332.780399	46.098139	829.77	1966.36
7	GUIDE	472654568	9.43	587	0.015	0.037	0.083	0.134	332.194449	45.063576	988.51	-2037.53

2.4 Star Slots

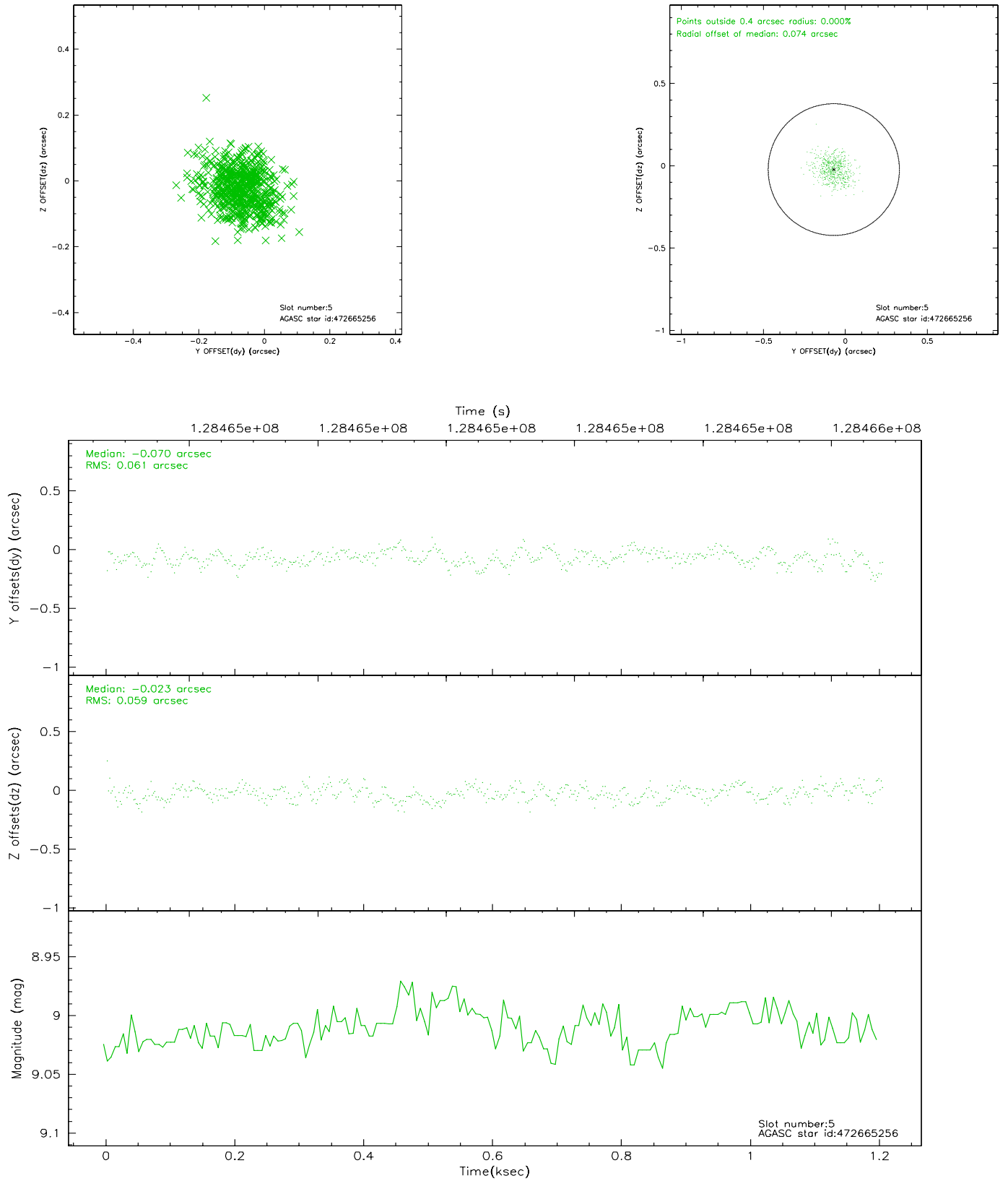
2.4.1 Slot 3



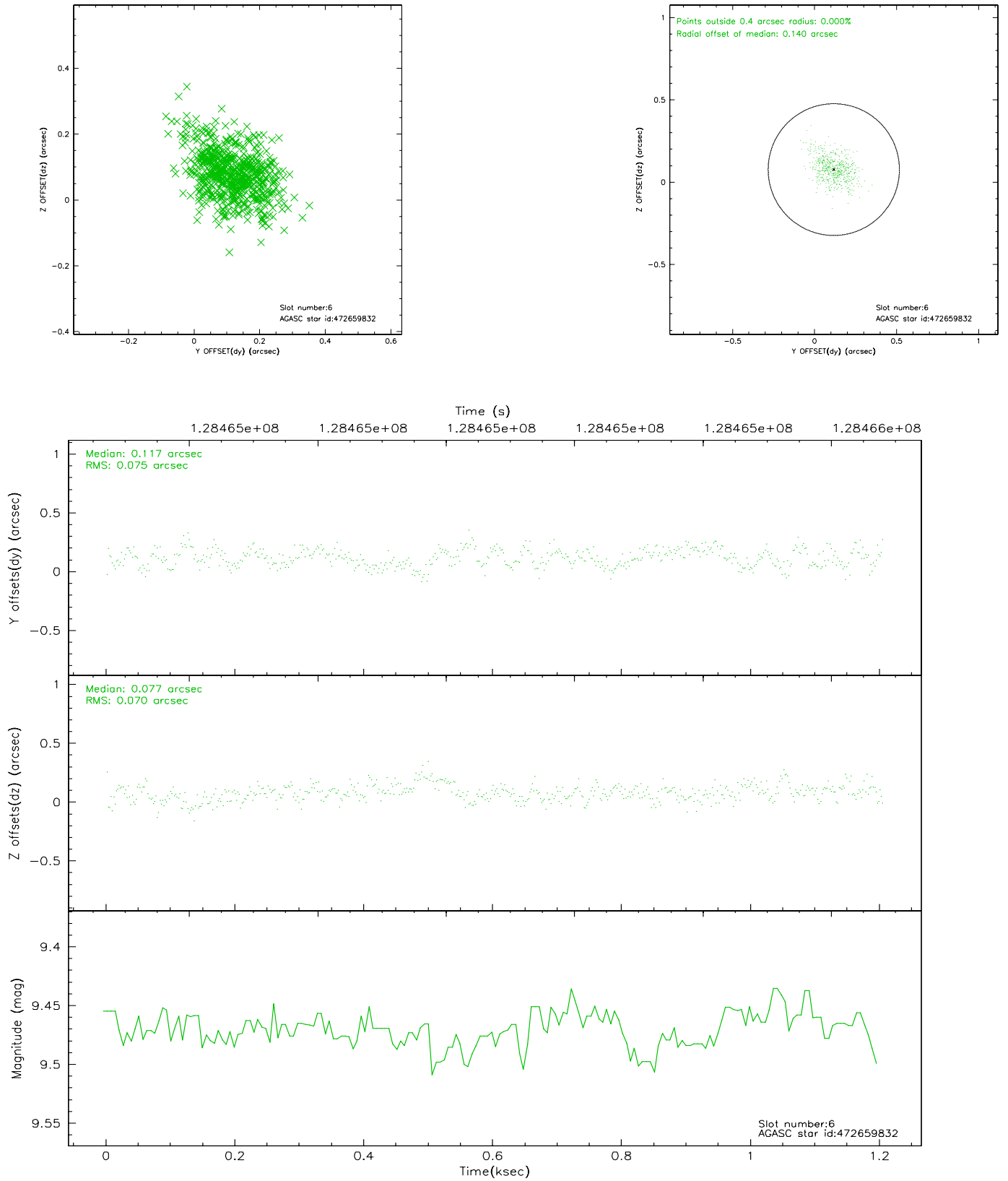
2.4.2 Slot 4



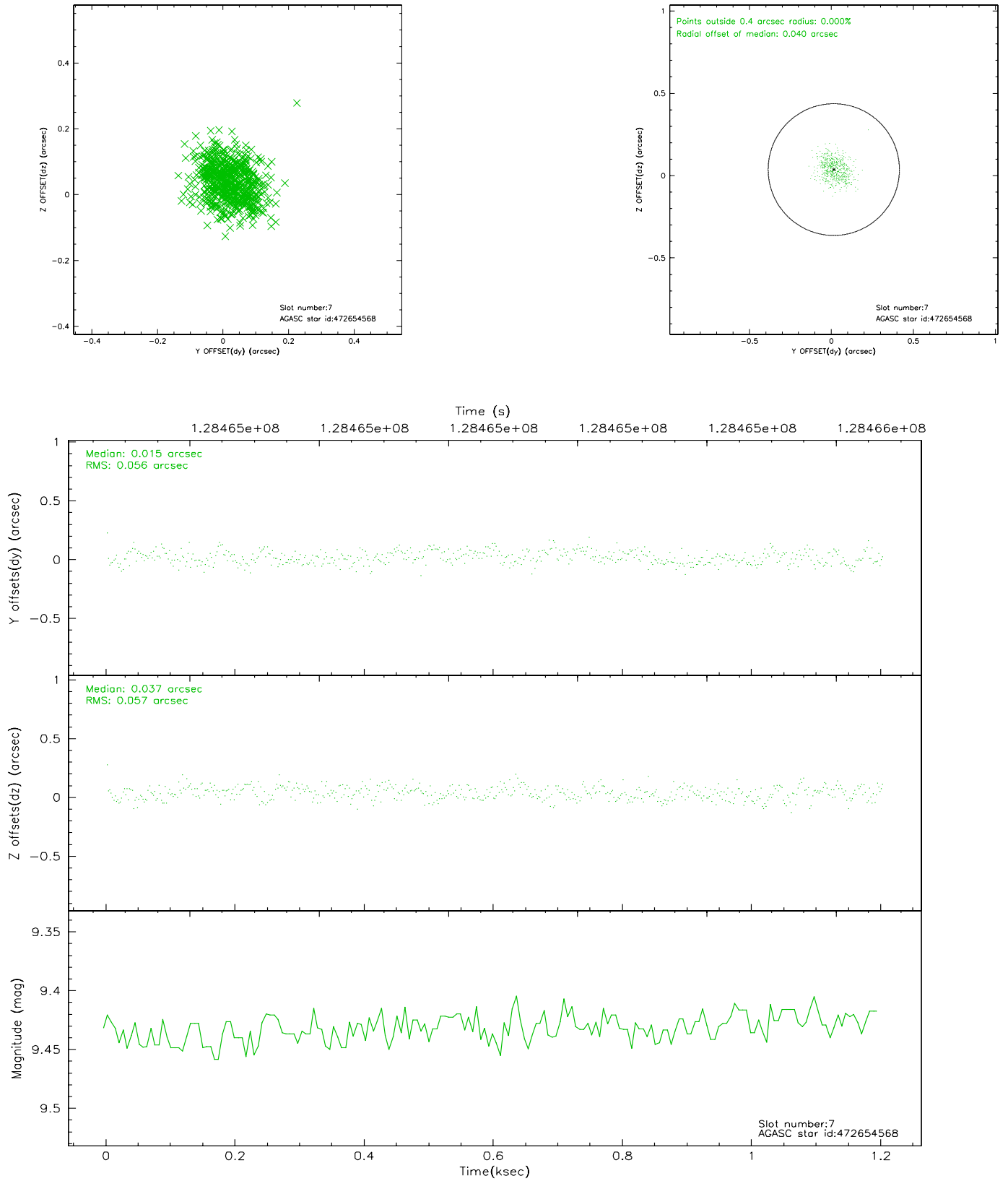
2.4.3 Slot 5



2.4.4 Slot 6

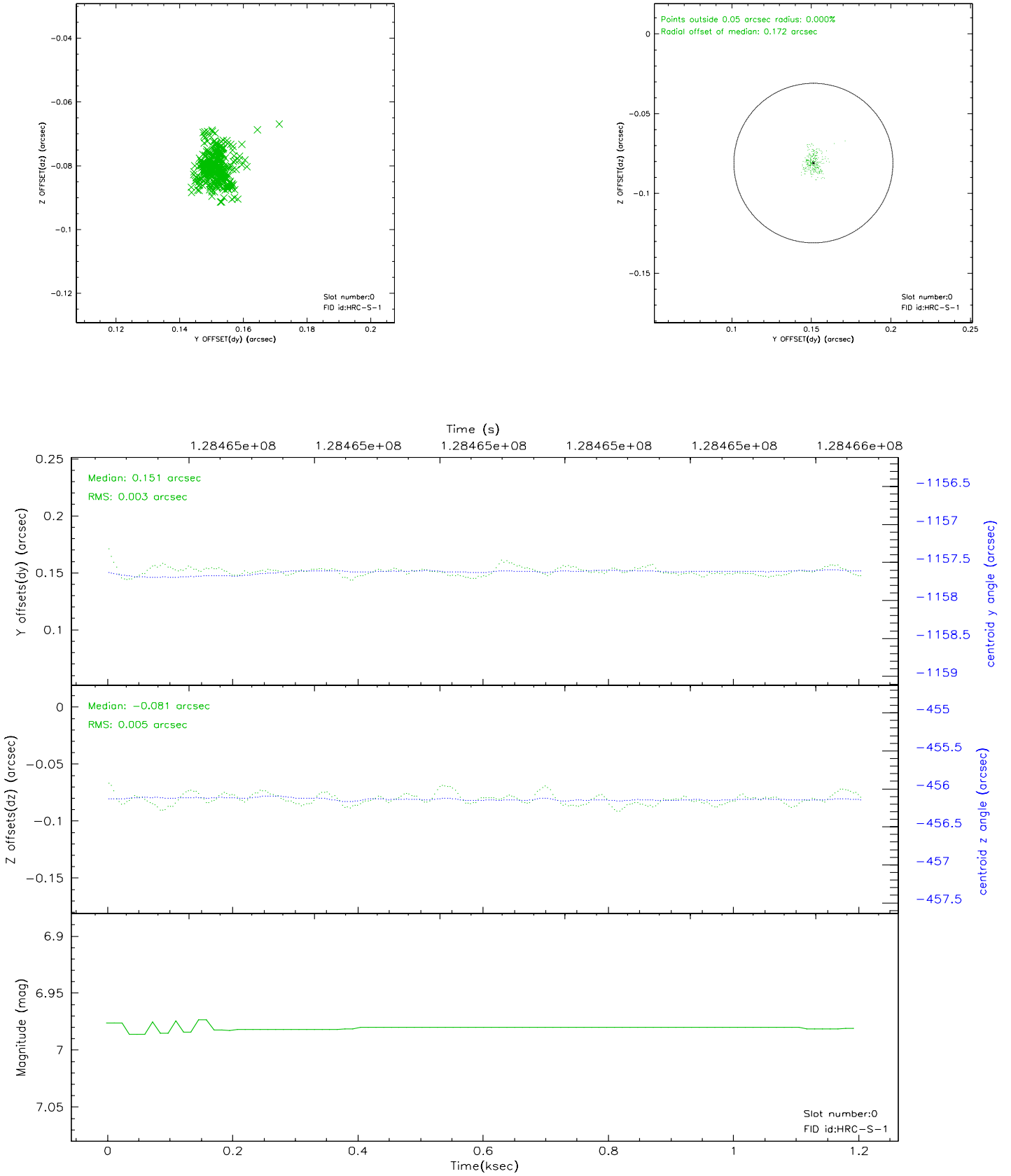


2.4.5 Slot 7

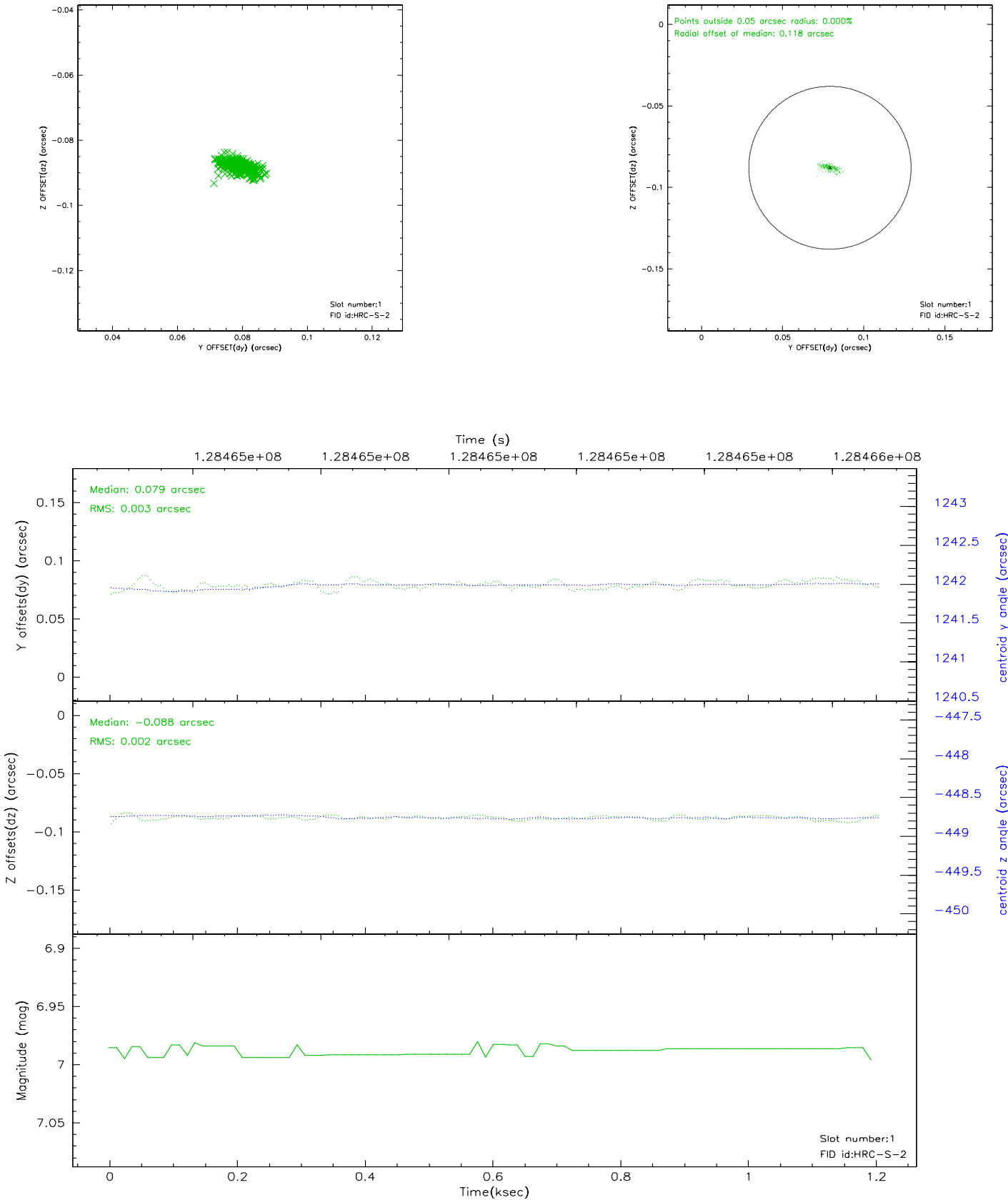


2.5 FID Slots

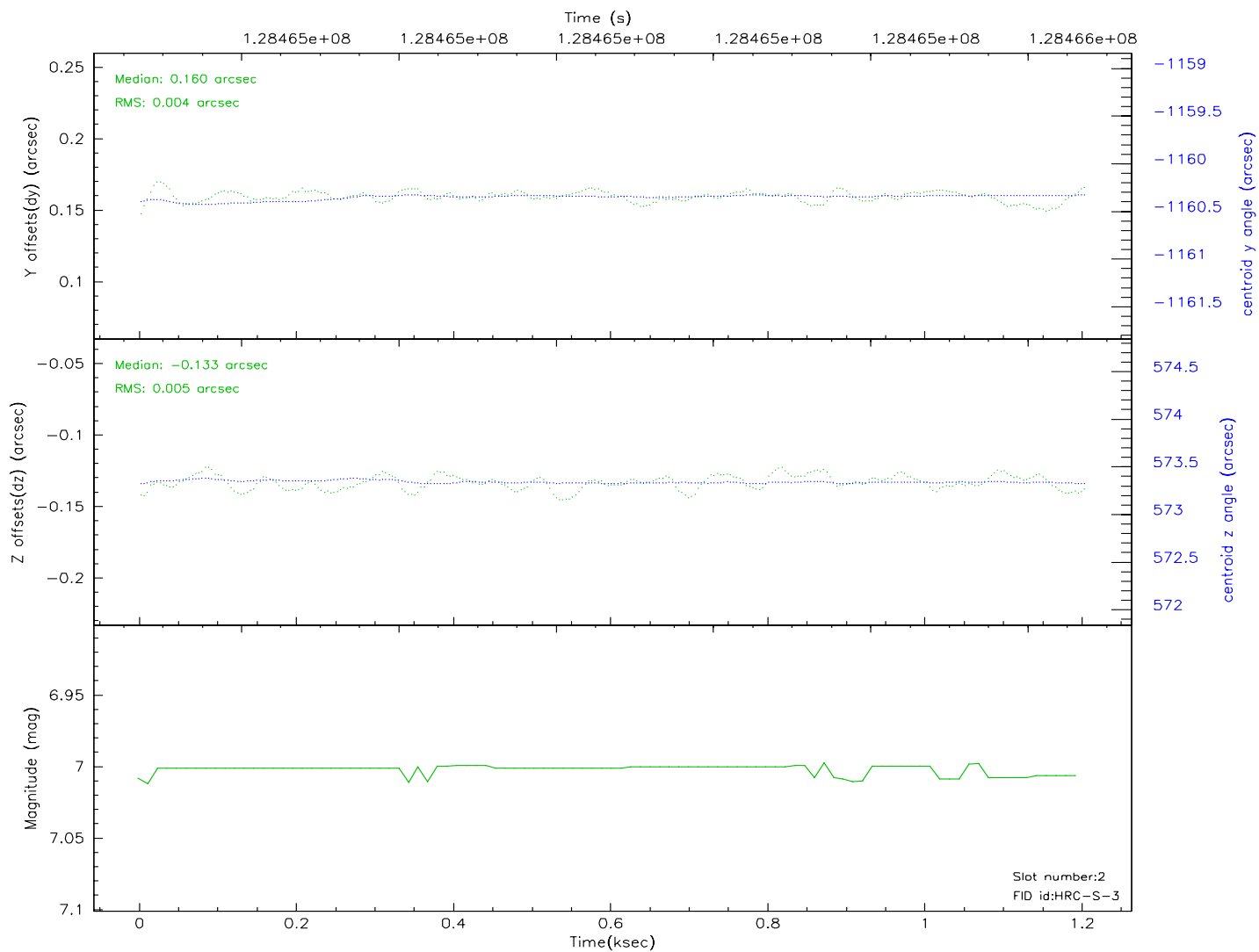
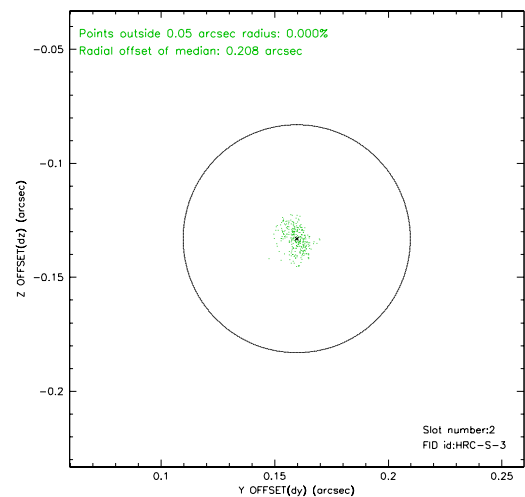
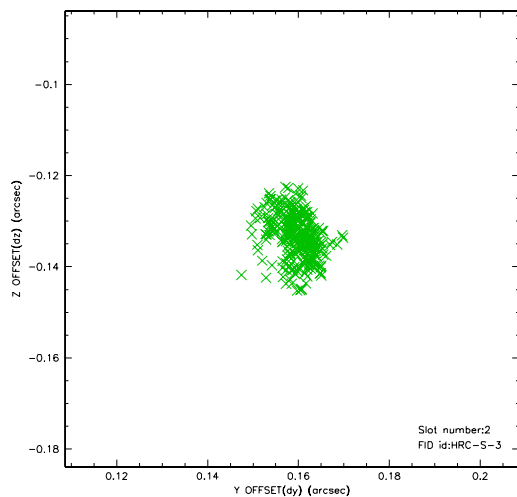
2.5.1 Slot 0



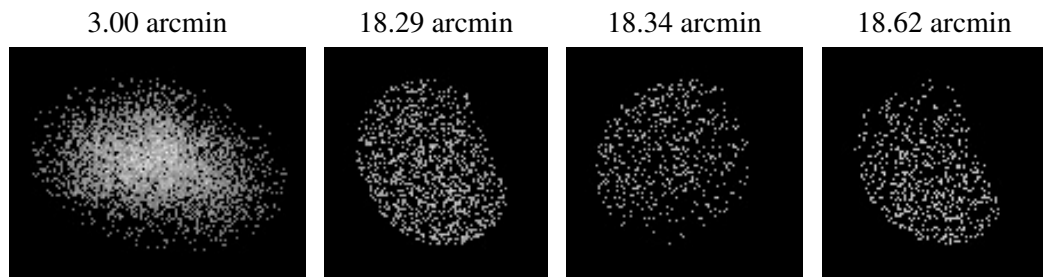
2.5.2 Slot 1



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	1.196

A.2 Comments

Monitor constraint met.