

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2638 - L2 Version 001
Chandra X-Ray Center

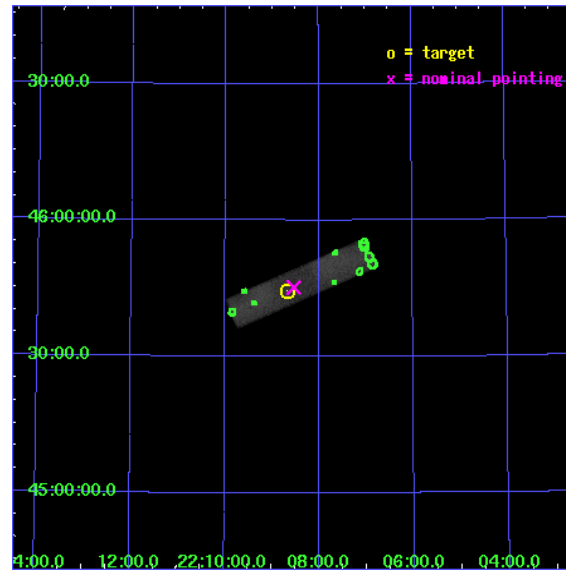
L2 Processing Date : Aug 28 2006

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1 Front

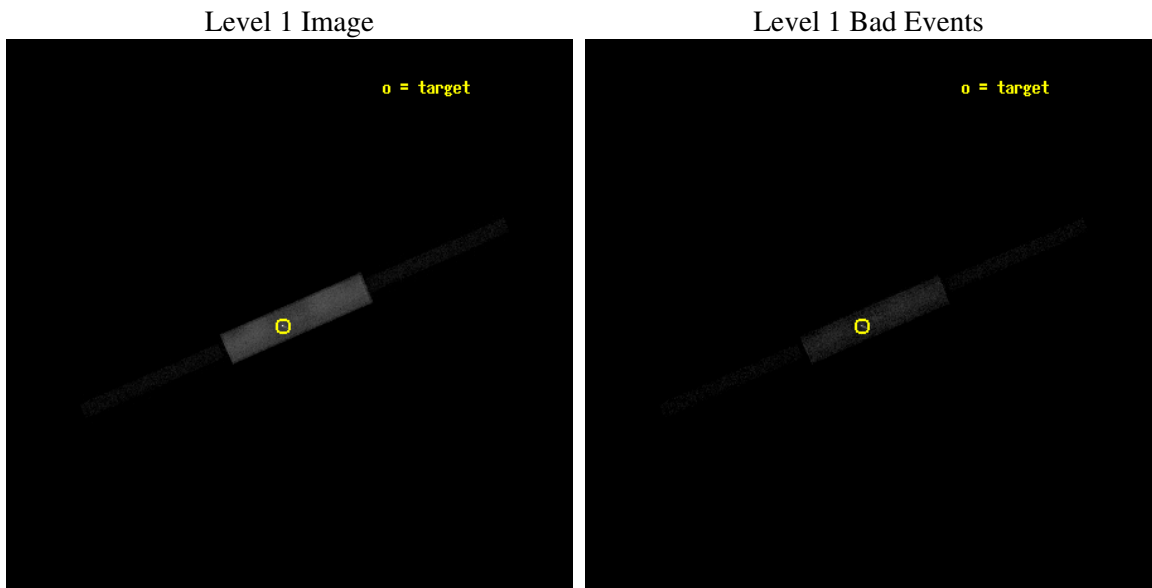
seq_num	290194
obs_id	2638
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.13343497953
dec_nom	45.754135984686
roll_nom	336.43063941049
revision	2
ontime	1143.1312960535
livetime	1132.1074114462
l2events	71127



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	2006-08-29T01:26:55
revision	2

sched_exp_time	1000.000000
ontime	1197.200048238
l1events	124215

2.1.3 Events

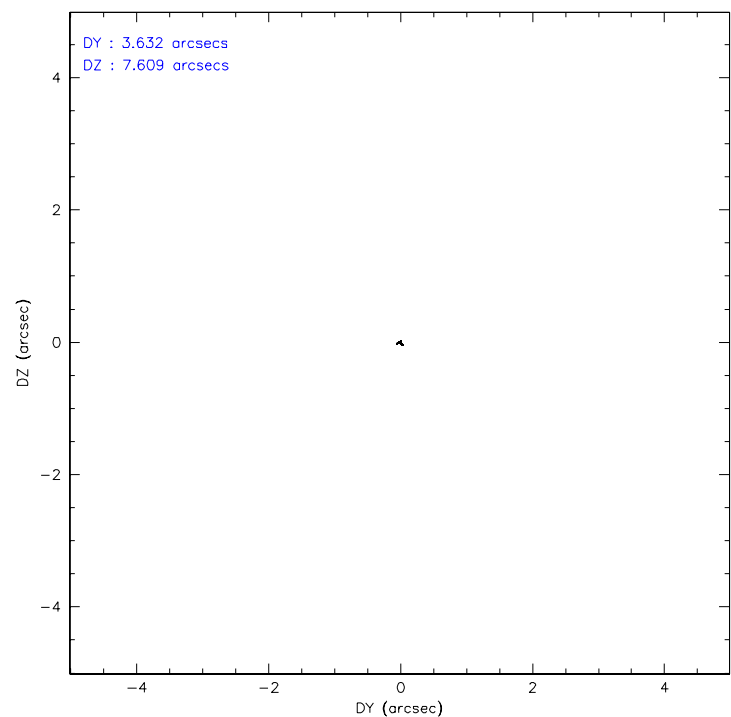
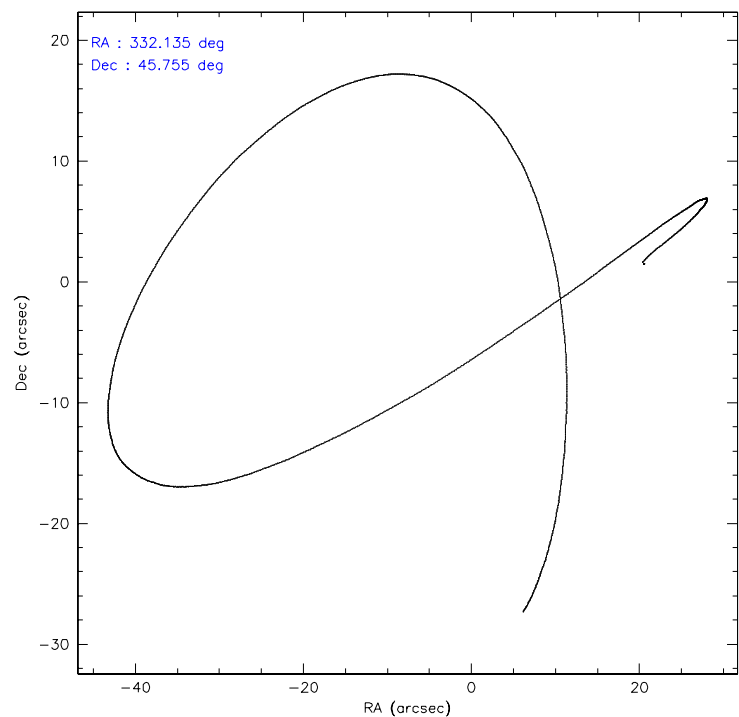
Level 1 Events

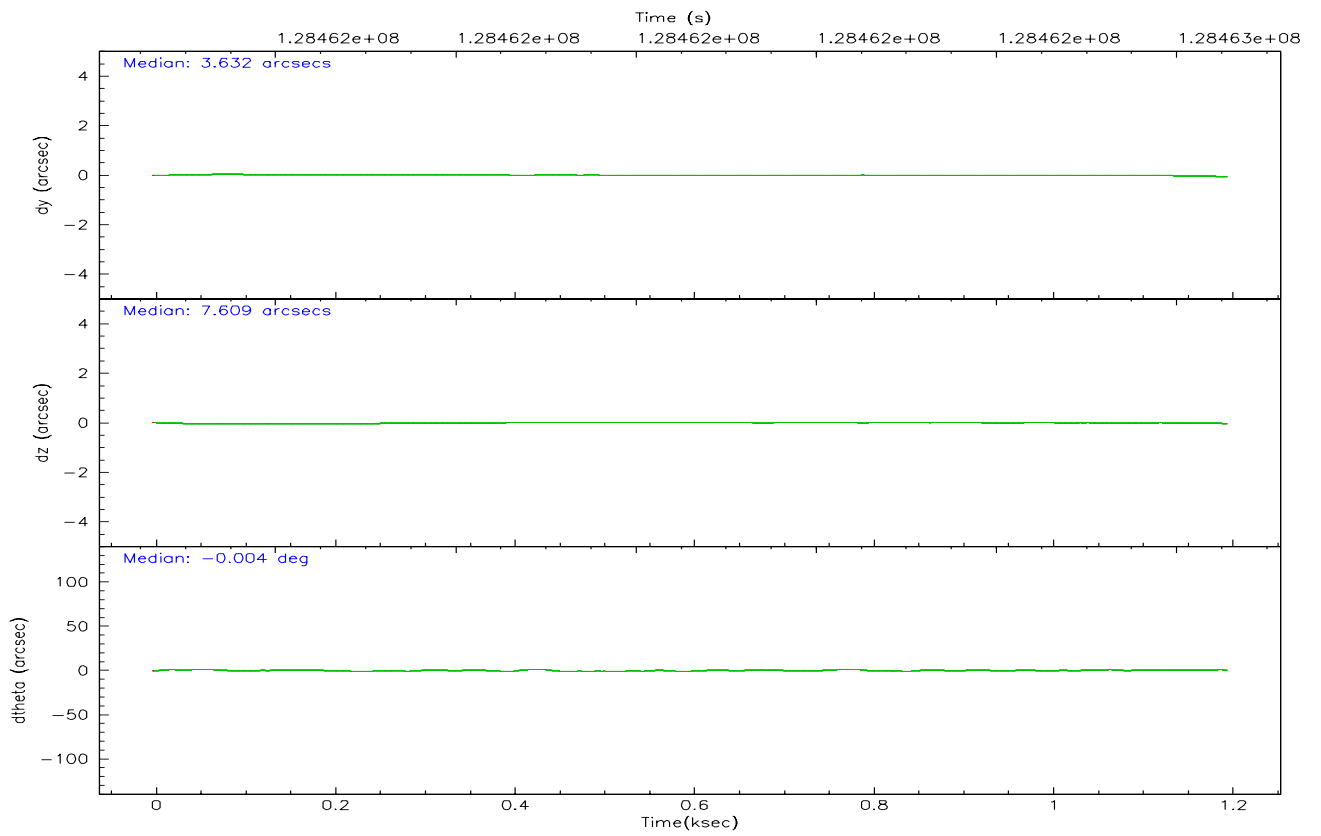
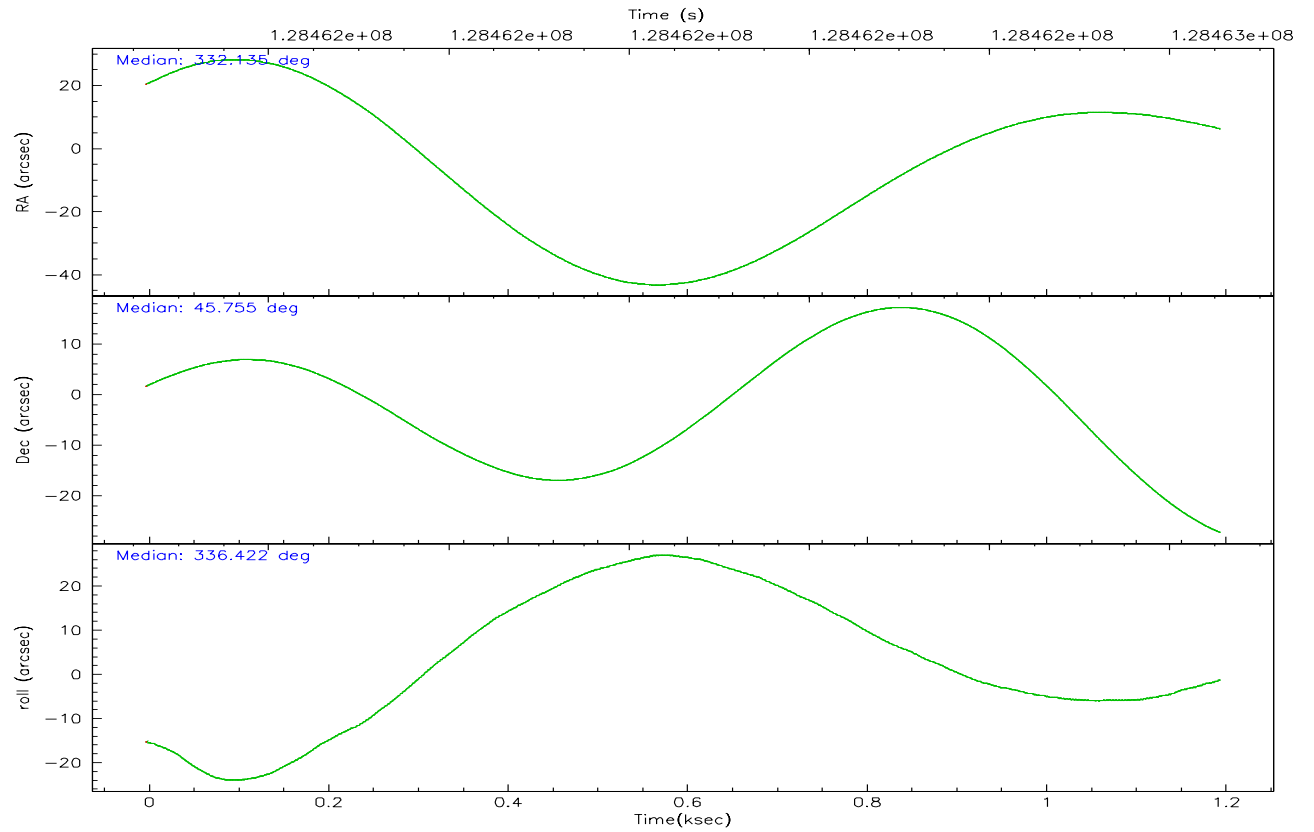
	segment 1	segment 2	segment 3
level 1 events	3799	117323	3093
rejected events	3799	43156	3093
rejected %	100%	36%	100%

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	332.091865	332.1334349795259			
Pointing Dec	45.749061	45.75413598468554			
Pointing Roll	336.393126	336.4306394104926			
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	128461657.184000	128461281.47659			
Observation start date	2002-01-26T19:46:33	2002-01-26T19:41:21			
Observation end time	128462657.184000	128462791.30165			
Observation end date	2002-01-26T20:03:13	2002-01-26T20:06:31			

2.3 Aspect



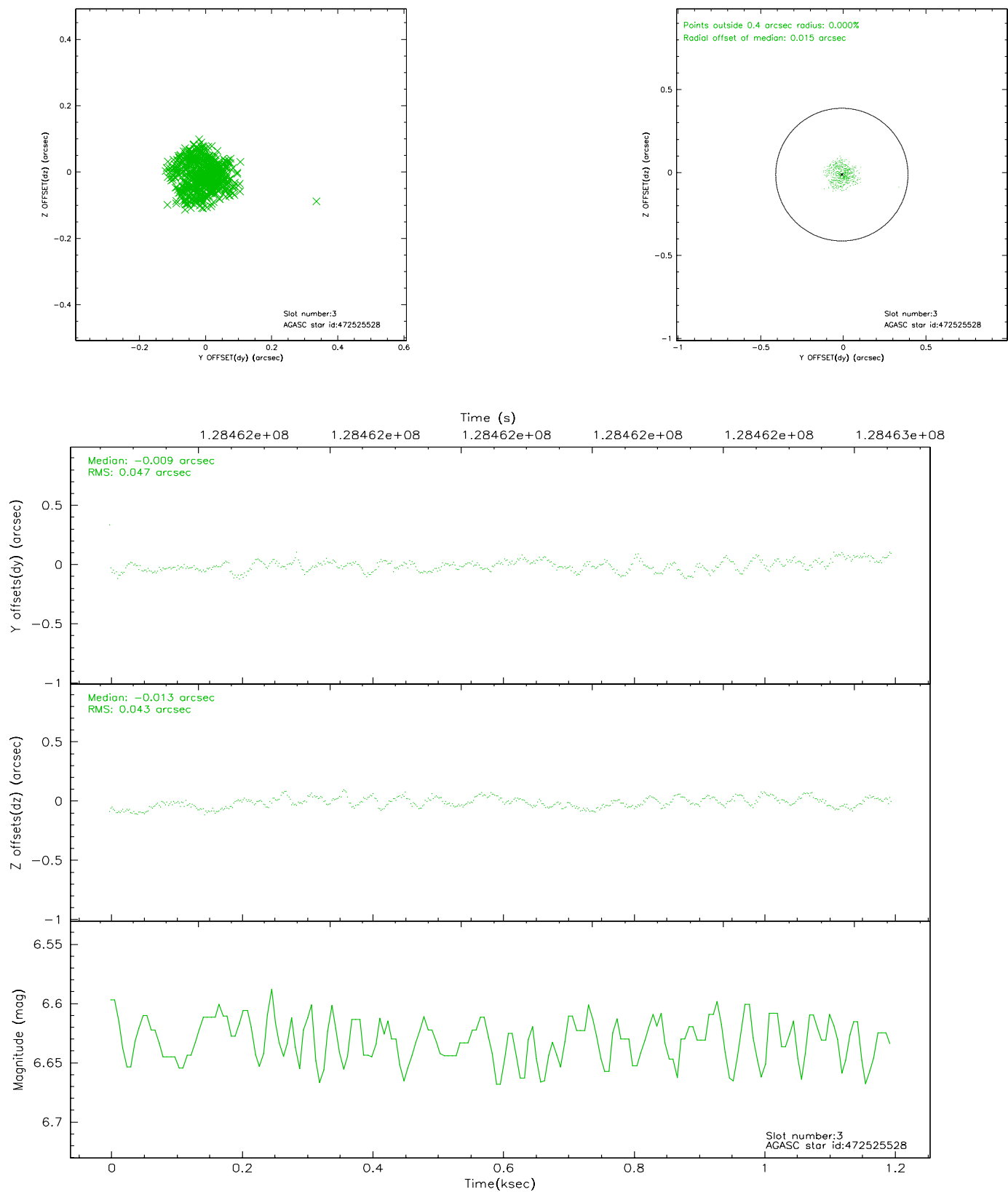


Slot Statistics

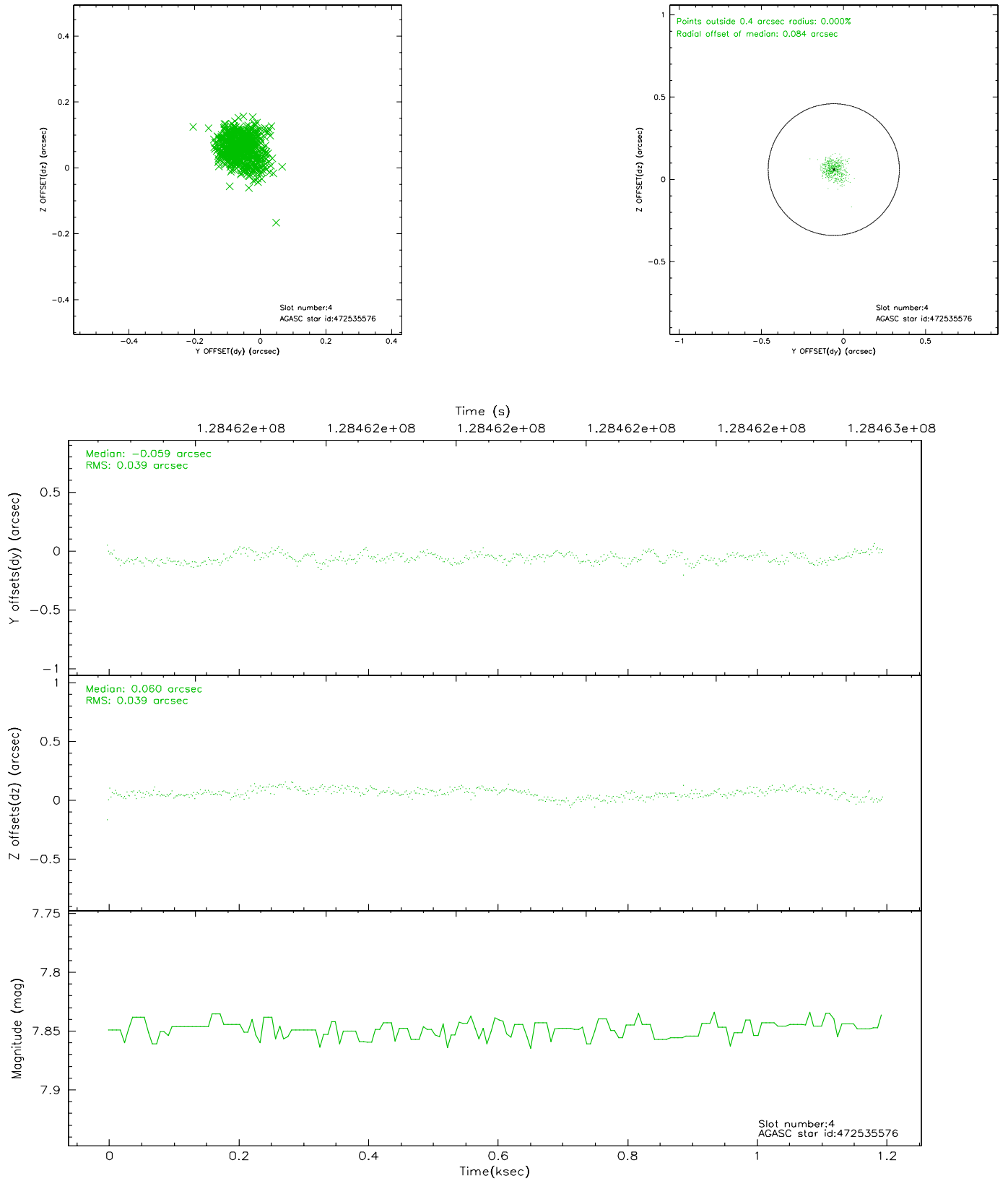
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	293	0.153	-0.085	0.008	0.012	0.000000	0.000000	-1157.66	-456.15
1	FID	HRC-S-2	6.99	293	0.077	-0.088	0.005	0.009	0.000000	0.000000	1237.99	-450.32
2	FID	HRC-S-3	7.00	293	0.160	-0.129	0.006	0.012	0.000000	0.000000	-1156.16	571.80
3	GUIDE	472525528	6.63	585	-0.009	-0.013	0.071	0.100	331.551102	45.248694	-538.38	-2198.35
4	GUIDE	472535576	7.85	585	-0.059	0.060	0.058	0.092	331.438373	46.291802	-2278.11	1138.45
5	GUIDE	472523760	8.23	585	-0.047	-0.105	0.065	0.107	331.645363	45.403260	-542.89	-1591.09
6	GUIDE	472659832	9.46	585	0.052	0.077	0.123	0.206	332.780399	46.098139	1065.36	1841.08
7	GUIDE	472654568	9.43	584	0.057	-0.002	0.119	0.207	332.194449	45.063576	1227.16	-2156.41

2.4 Star Slots

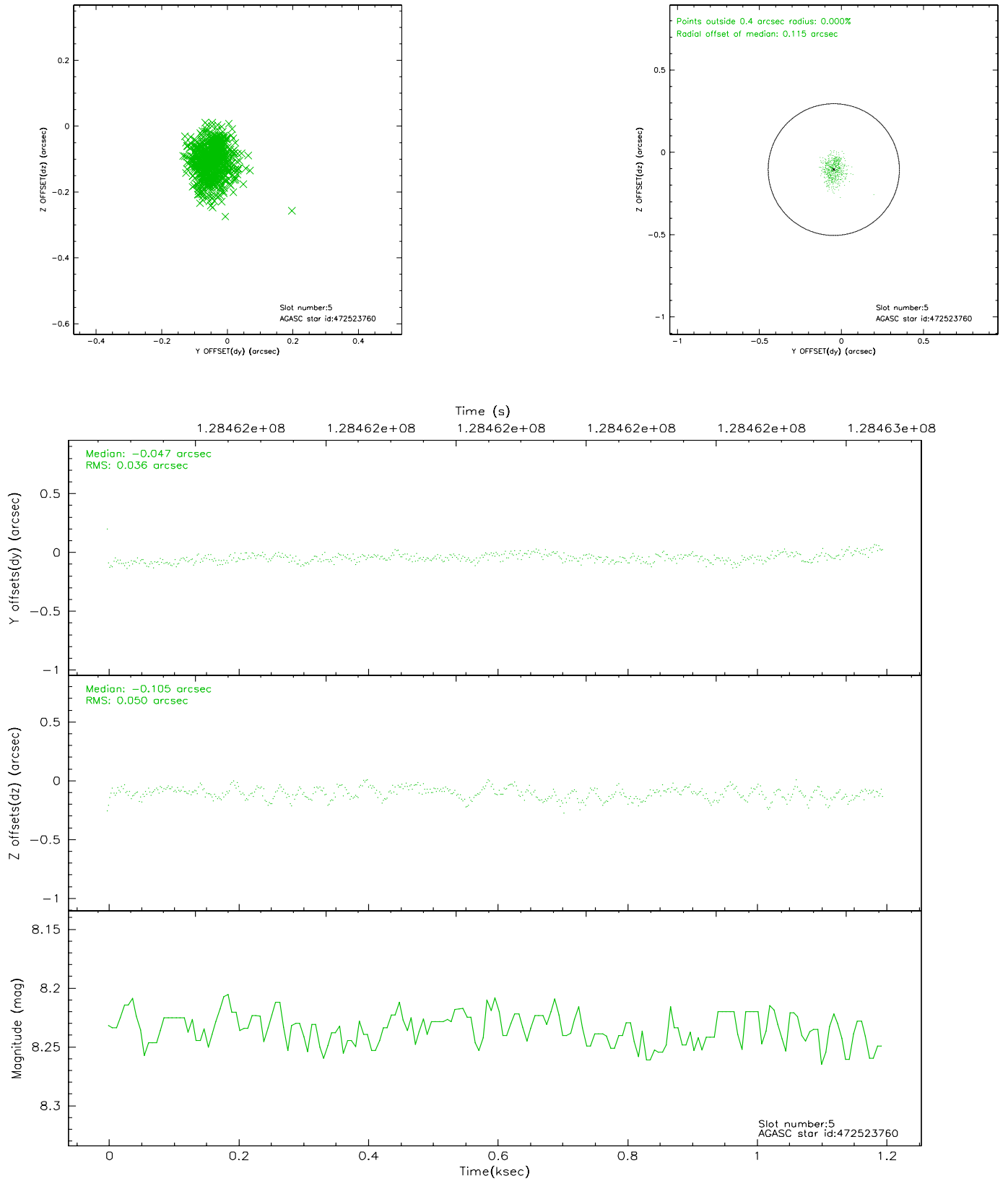
2.4.1 Slot 3



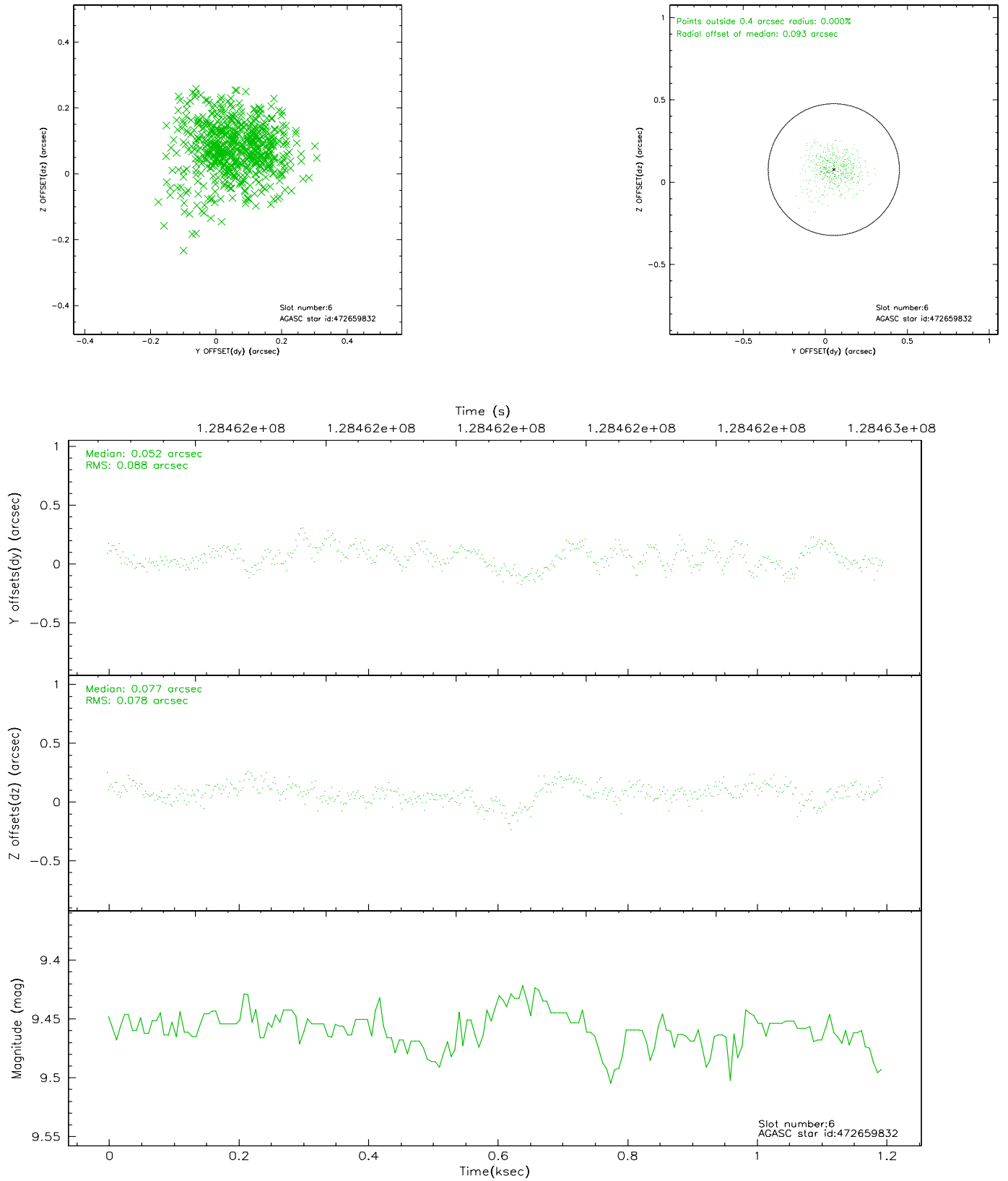
2.4.2 Slot 4



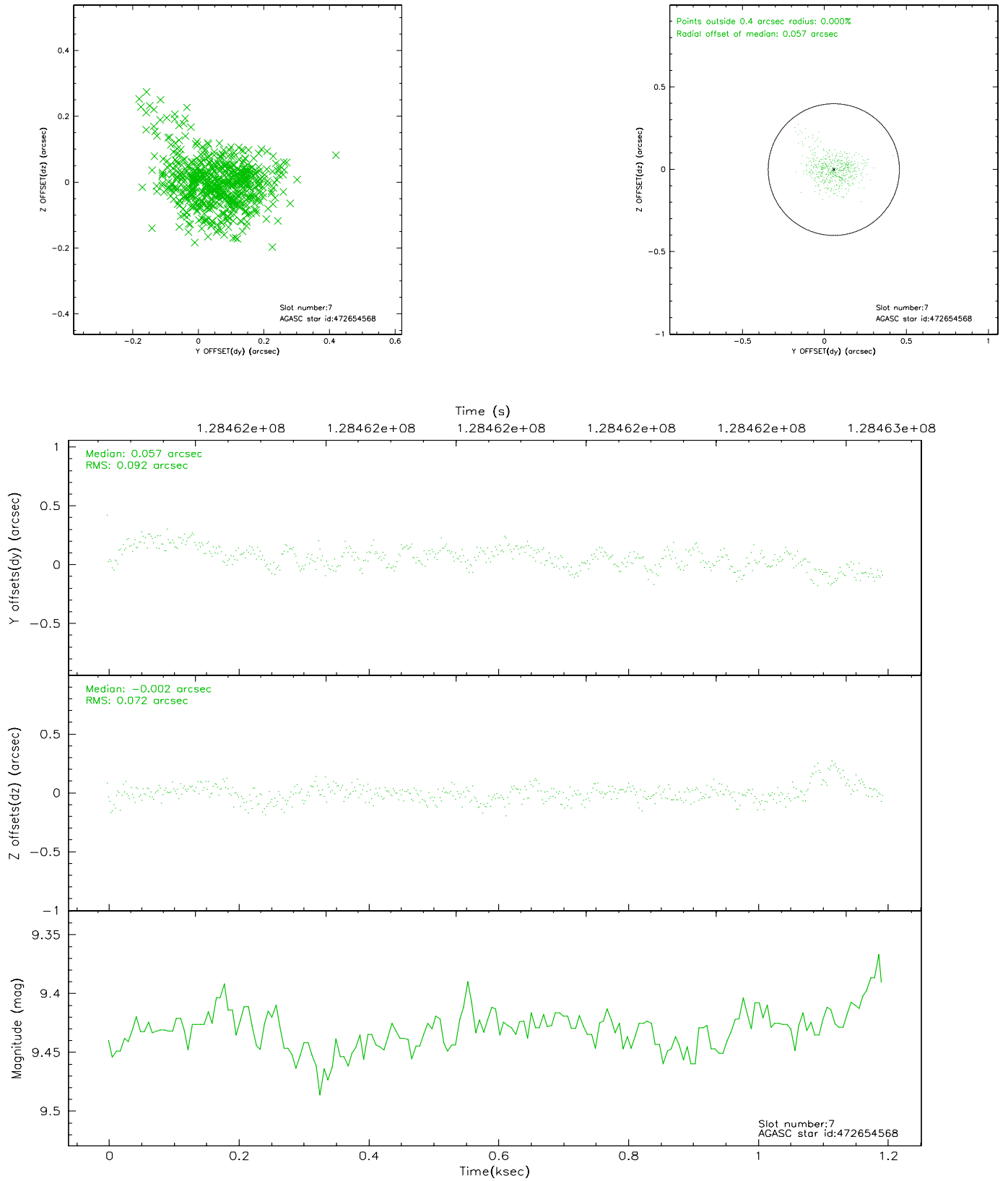
2.4.3 Slot 5



2.4.4 Slot 6

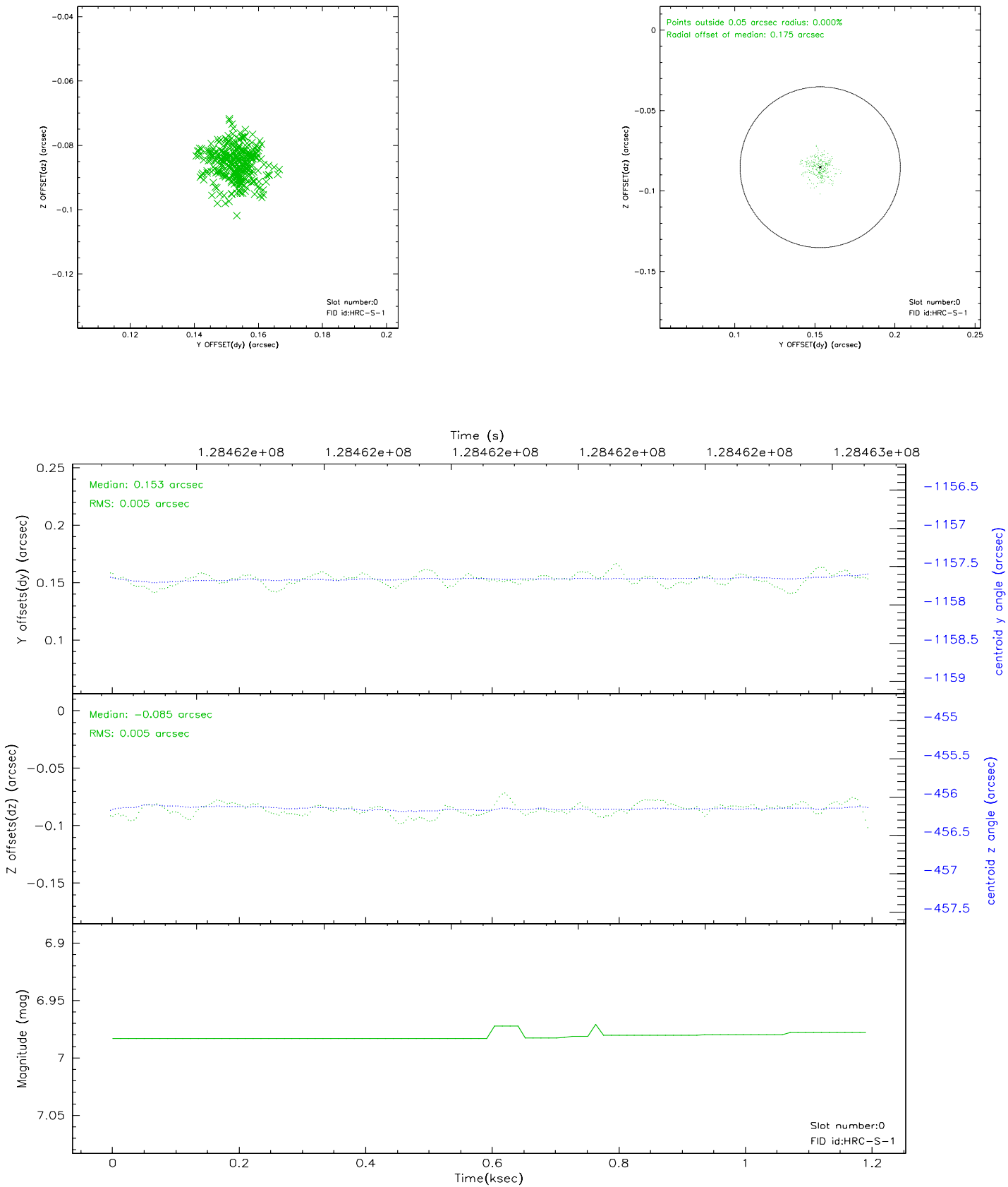


2.4.5 Slot 7

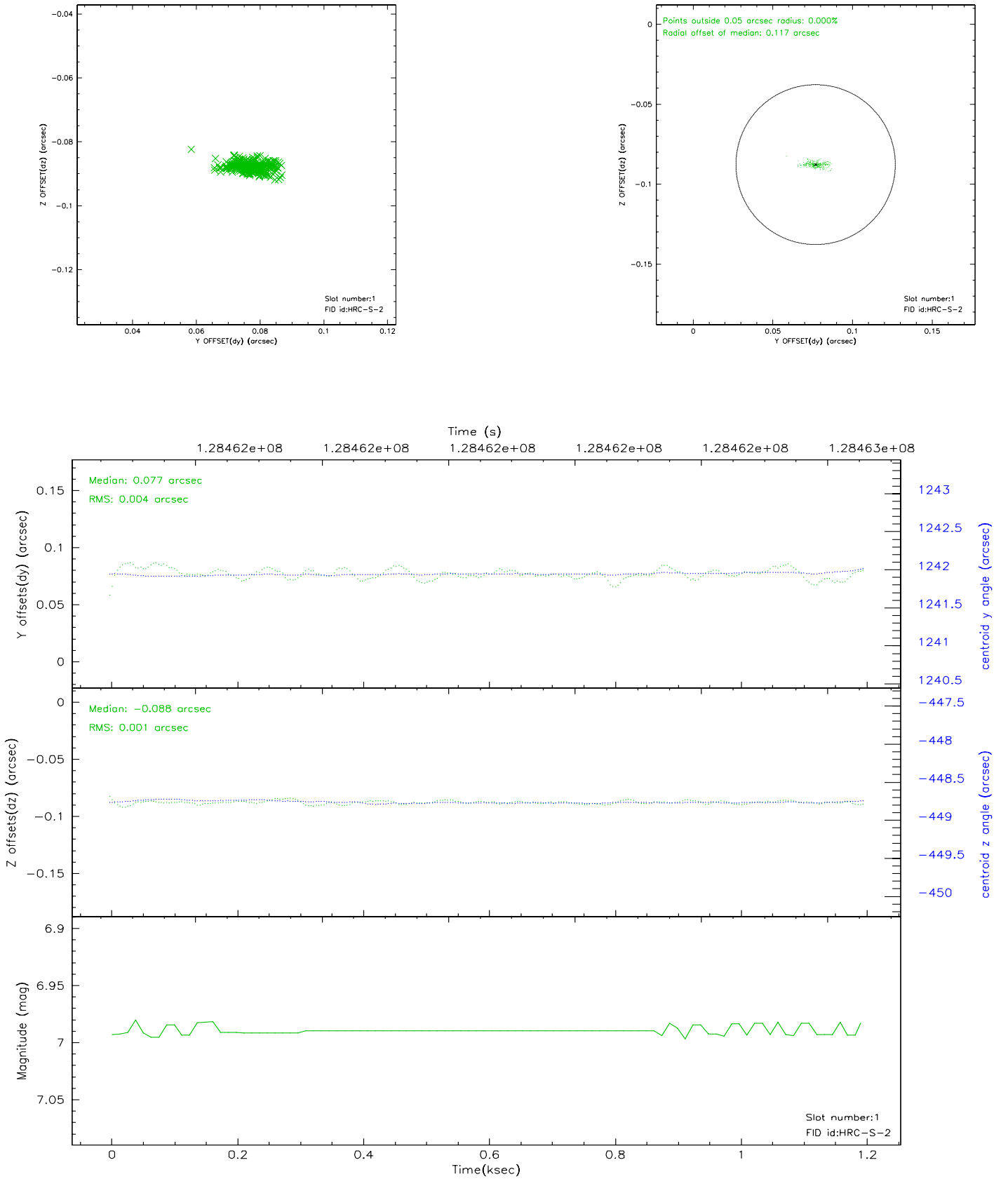


2.5 FID Slots

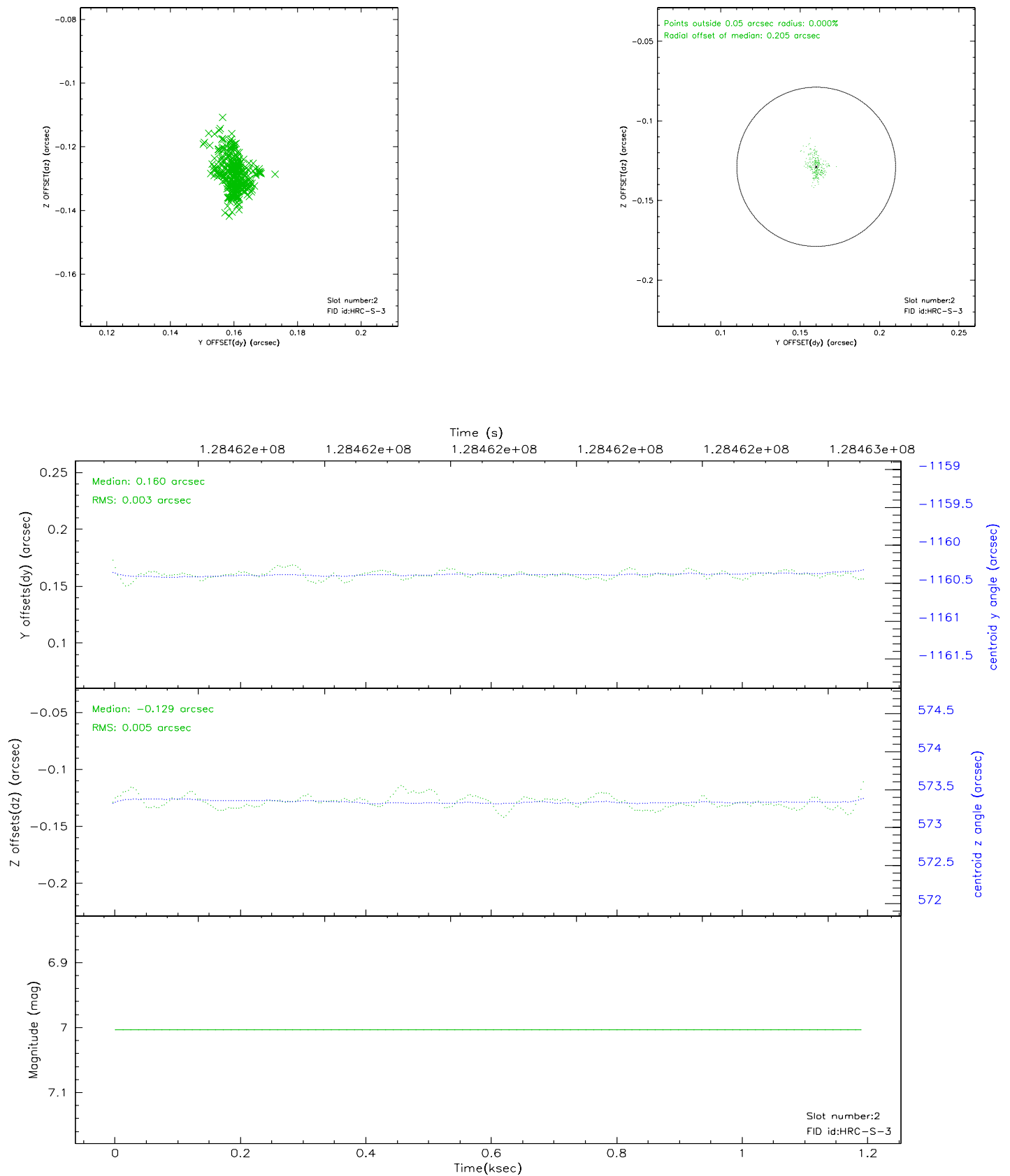
2.5.1 Slot 0



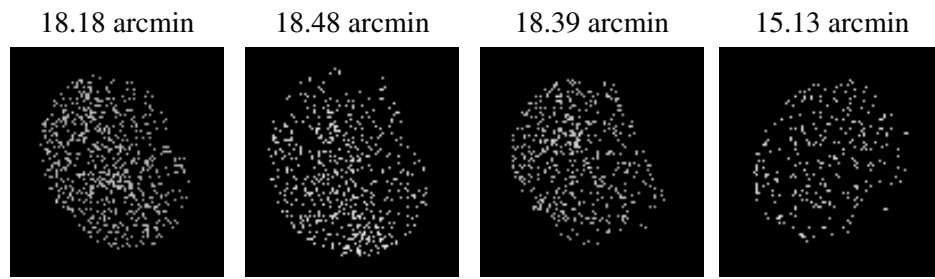
2.5.2 Slot 1



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.