

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4341 - L2 Version 001
Chandra X-Ray Center

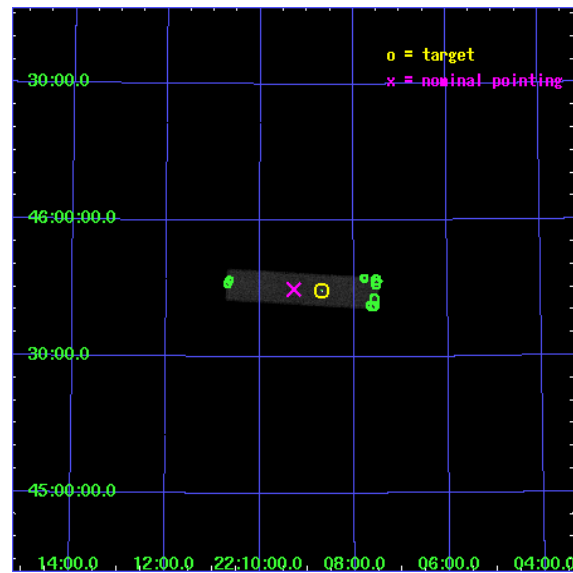
L2 Processing Date : Jul 27 2006

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1 Front

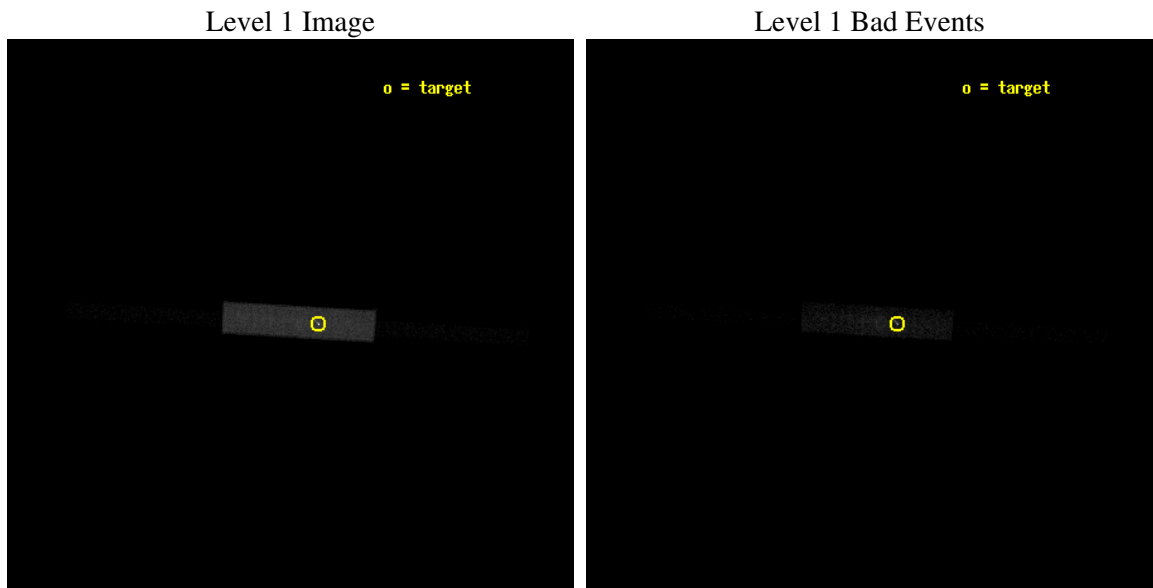
seq_num	290301
obs_id	4341
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.32016181674
dec_nom	45.74836182251
roll_nom	3.3112728544801
revision	2
ontime	1142.1062980294
livetime	1135.6211409625
l2events	44160



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	2006-07-27T21:21:32
revision	2

sched_exp_time	1000.000000
ontime	1182.0812996924
l1events	75946

2.1.3 Events

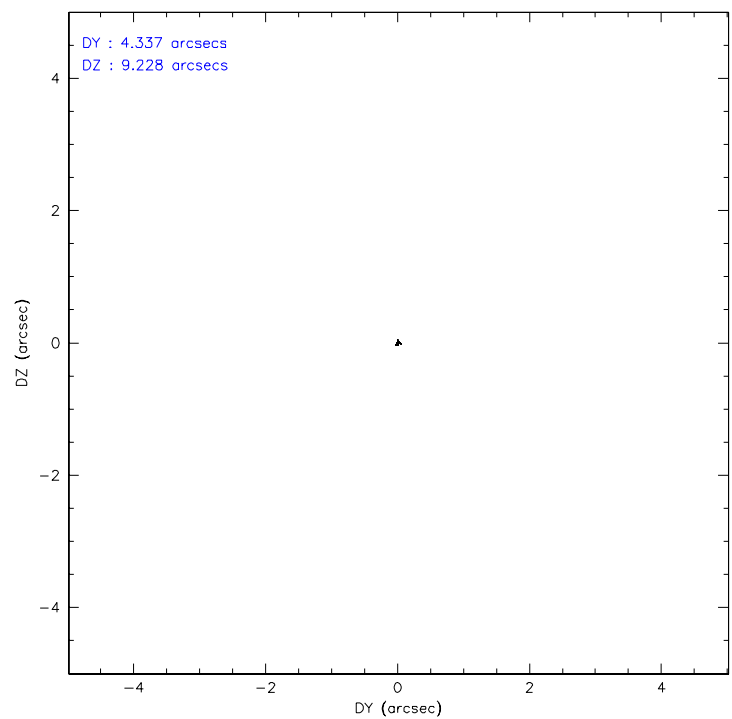
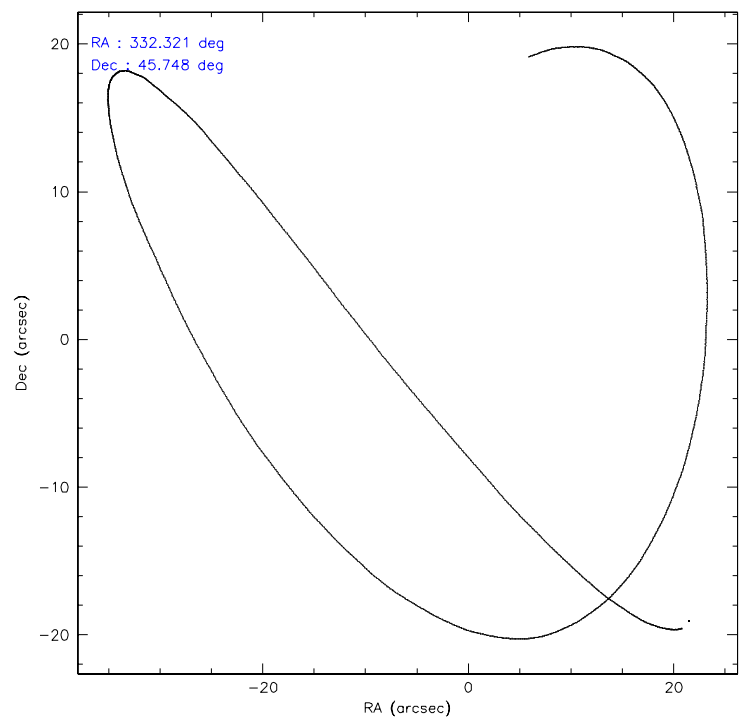
Level 1 Events

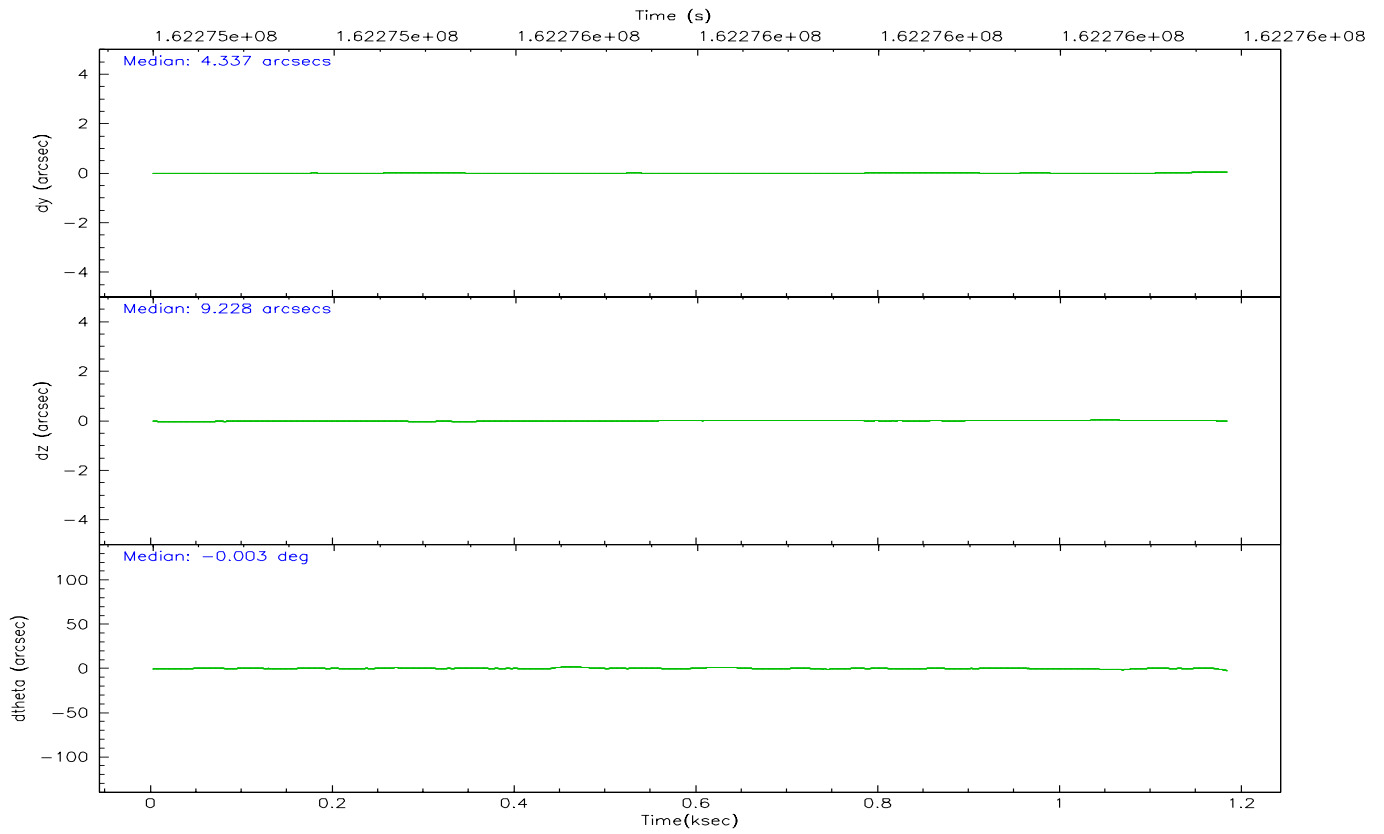
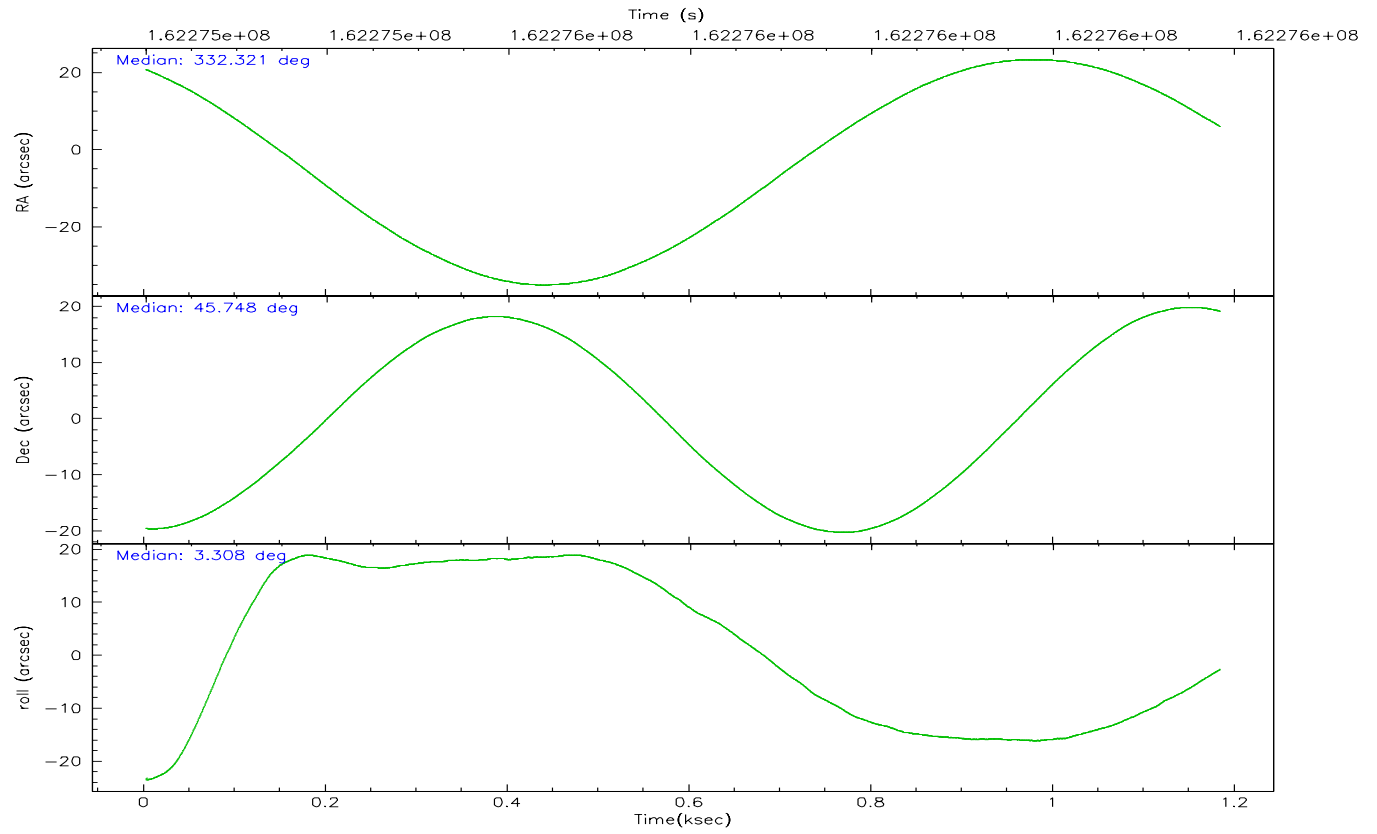
	segment 1	segment 2	segment 3
level 1 events	1742	72624	1580
rejected events	1742	25689	1580
rejected %	100%	35%	100%

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	332.286683	332.3201618167392			
Pointing Dec	45.731325	45.74836182251035			
Pointing Roll	3.267987	3.311272854480111			
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	162275385.184000	162275009.91878			
Observation start date	2003-02-22T04:28:41	2003-02-22T04:23:29			
Observation end time	162276385.184000	162276519.74384			
Observation end date	2003-02-22T04:45:21	2003-02-22T04:48:39			

2.3 Aspect



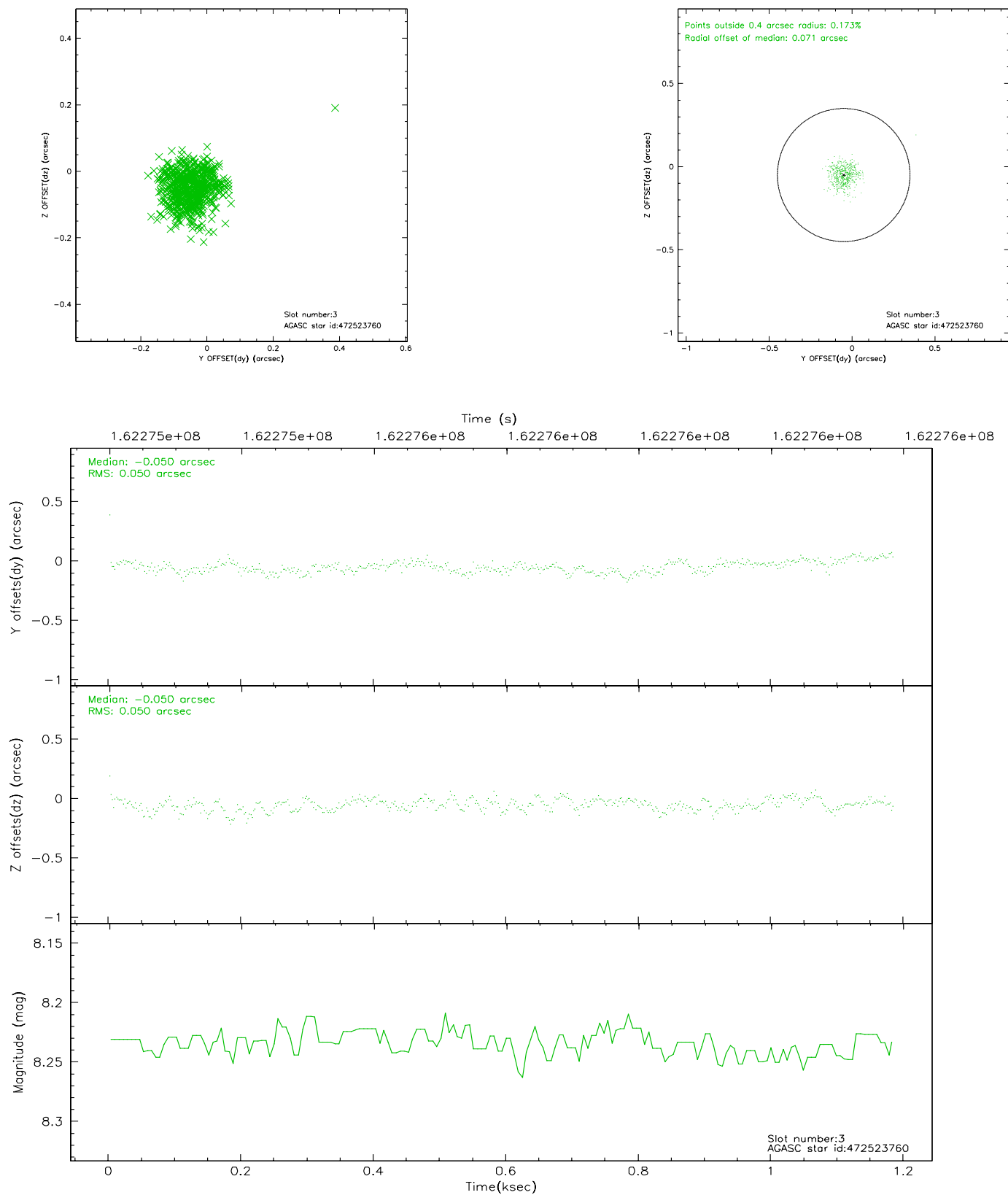


Slot Statistics

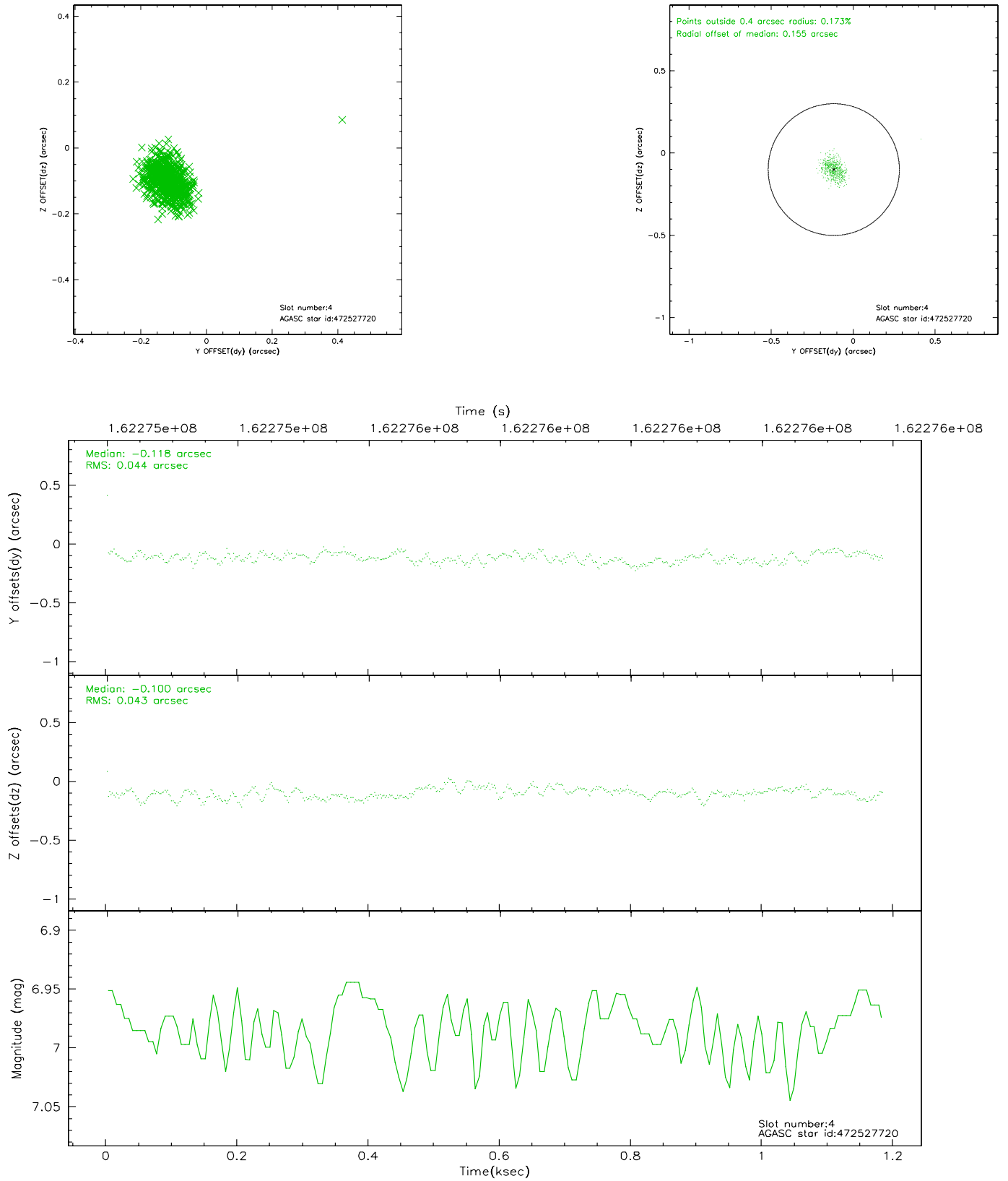
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	289	0.166	-0.177	0.007	0.012	0.000000	0.000000	-1158.38	-457.88
1	FID	HRC-S-2	7.00	289	0.057	-0.085	0.005	0.009	0.000000	0.000000	1237.18	-452.04
2	FID	HRC-S-3	7.03	289	0.167	-0.040	0.007	0.011	0.000000	0.000000	-1156.81	570.23
3	GUIDE	472523760	8.23	578	-0.050	-0.050	0.074	0.116	331.645363	45.403260	-1686.16	-1080.73
4	GUIDE	472527720	6.98	578	-0.118	-0.100	0.063	0.097	331.460205	45.112509	-2226.51	-2096.11
5	GUIDE	472655152	9.43	578	0.134	0.029	0.113	0.188	332.504239	45.862991	567.06	438.95
6	GUIDE	472659832	9.46	578	0.031	0.062	0.102	0.174	332.780399	46.098139	1306.14	1252.50
7	GUIDE	472654568	9.43	577	0.012	0.062	0.115	0.181	332.194449	45.063576	-369.59	-2384.56

2.4 Star Slots

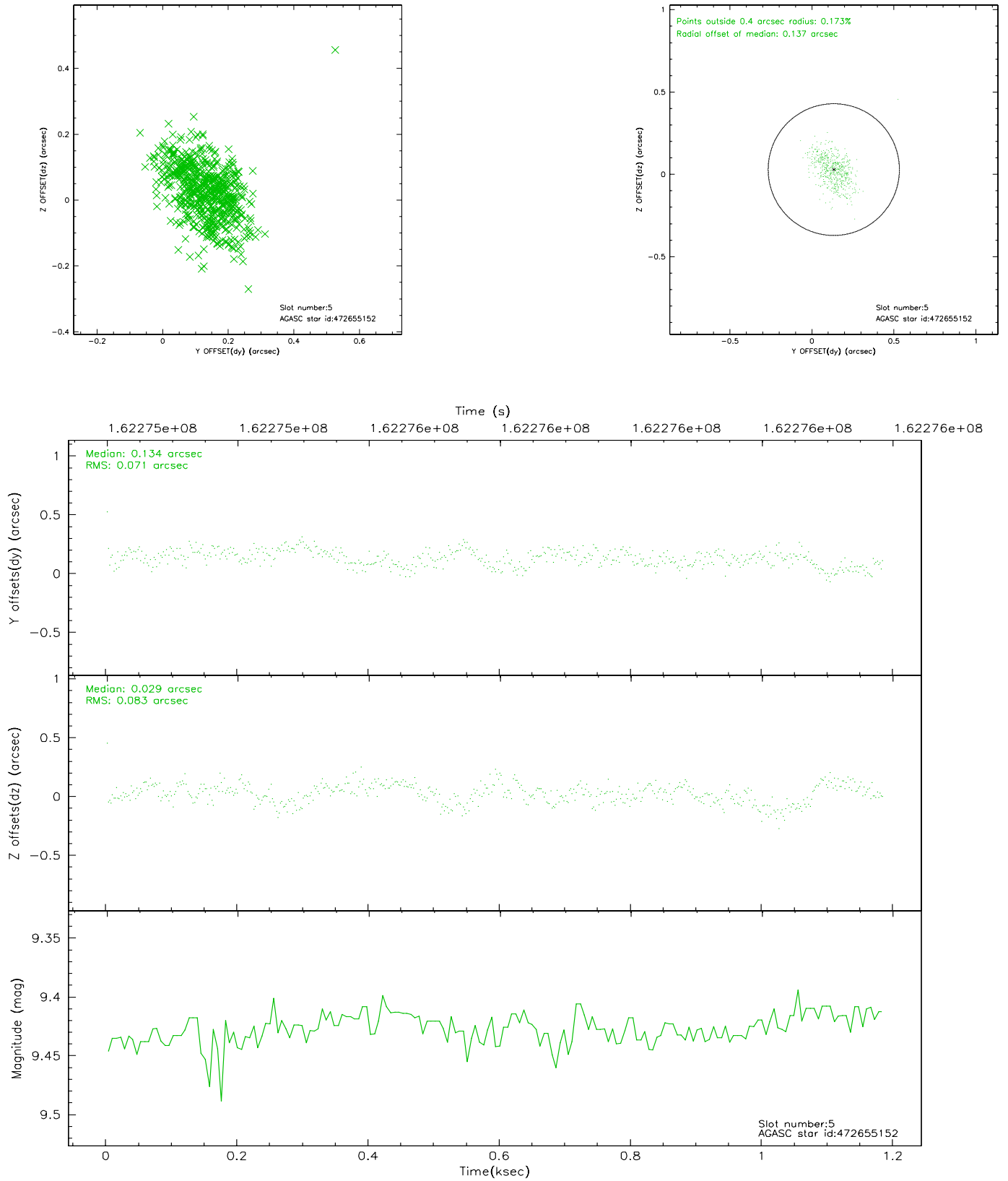
2.4.1 Slot 3



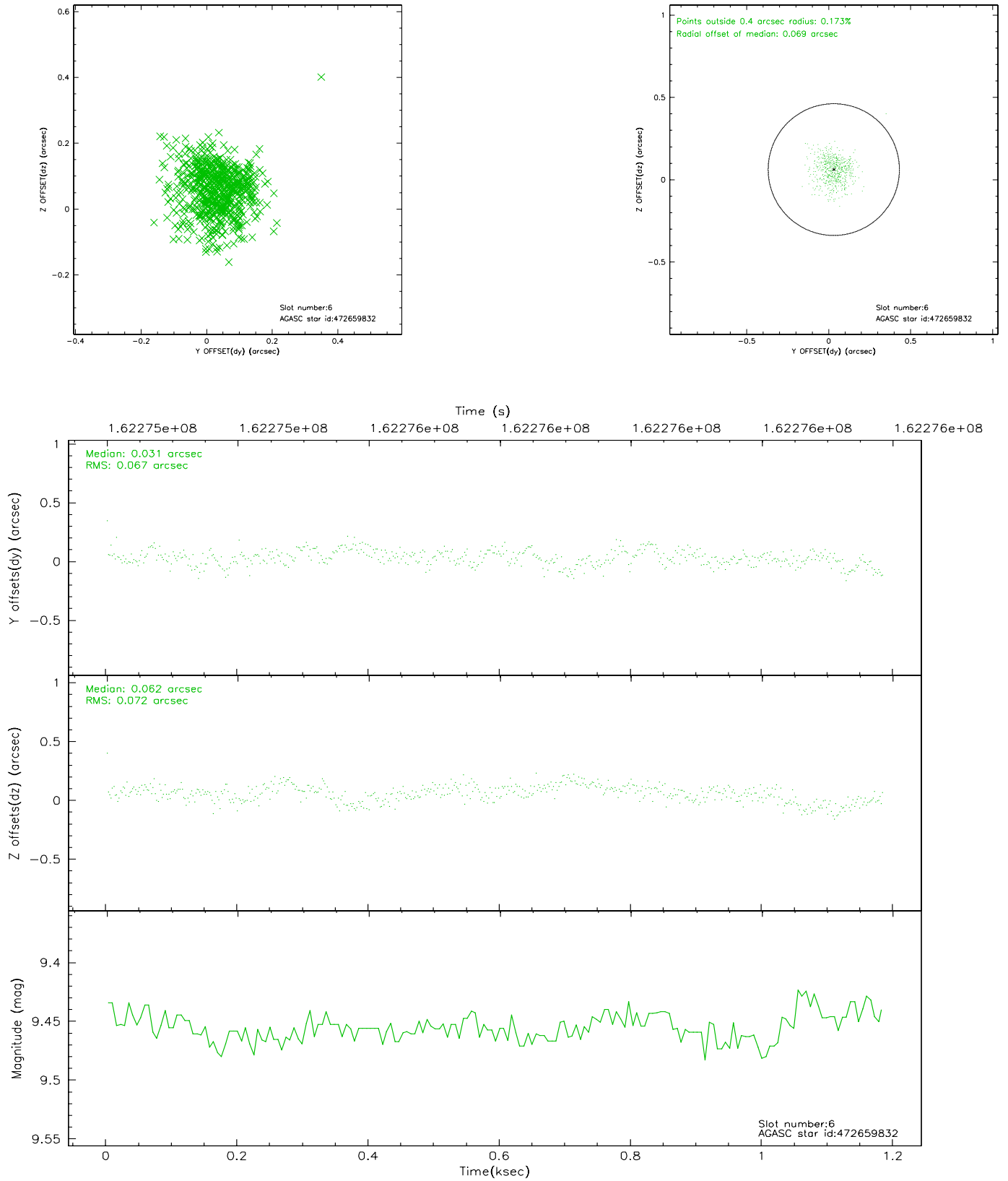
2.4.2 Slot 4



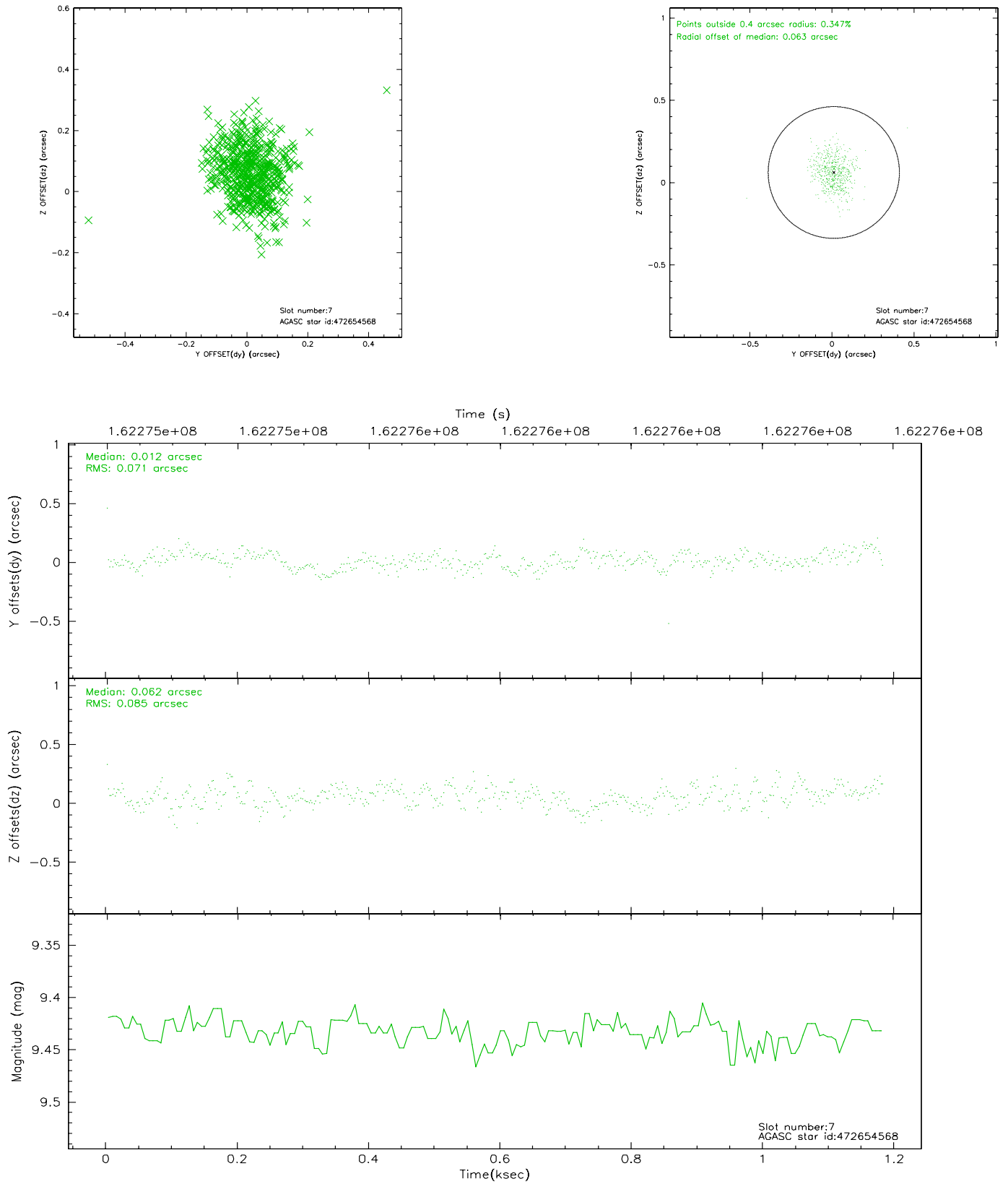
2.4.3 Slot 5



2.4.4 Slot 6

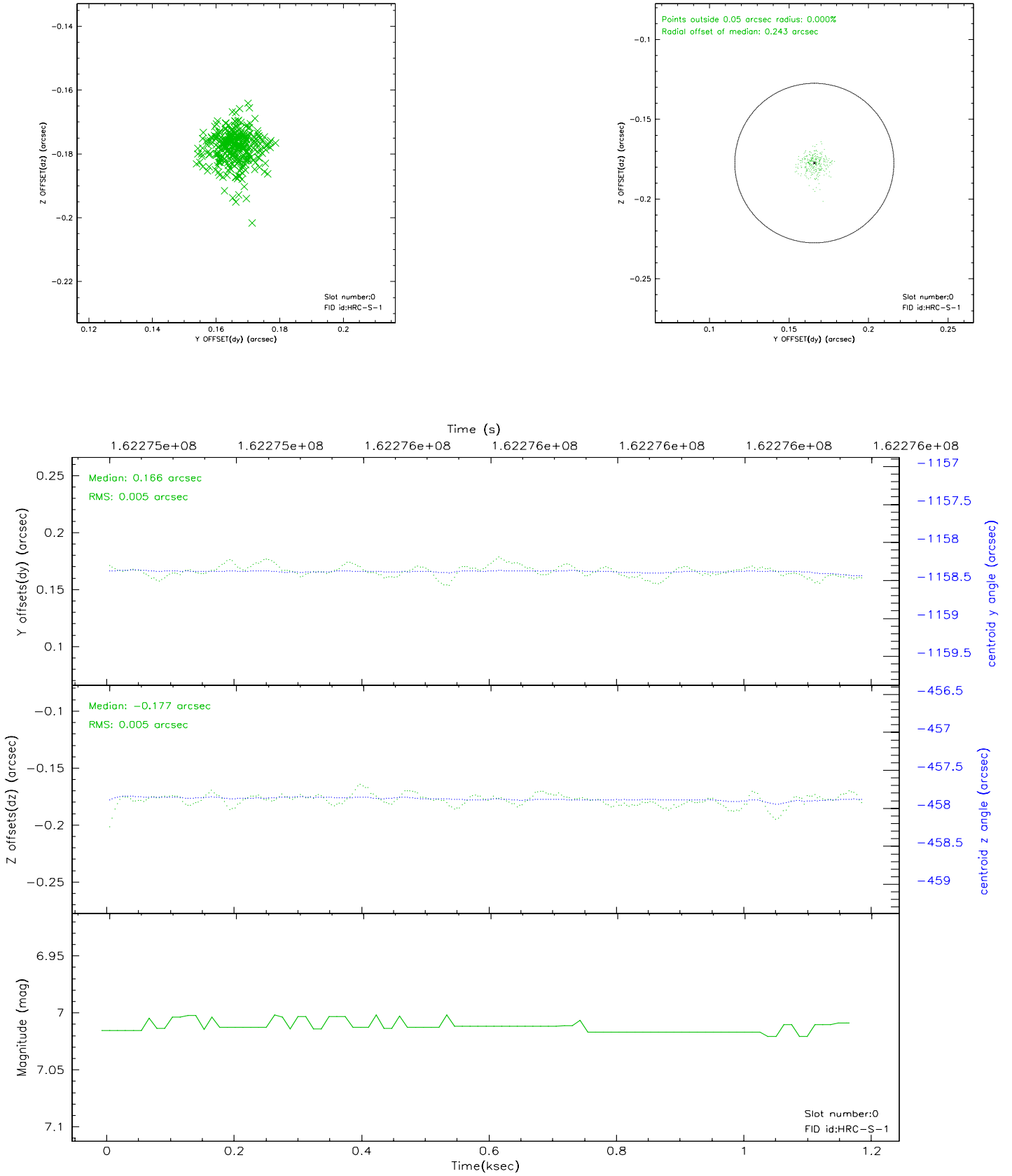


2.4.5 Slot 7

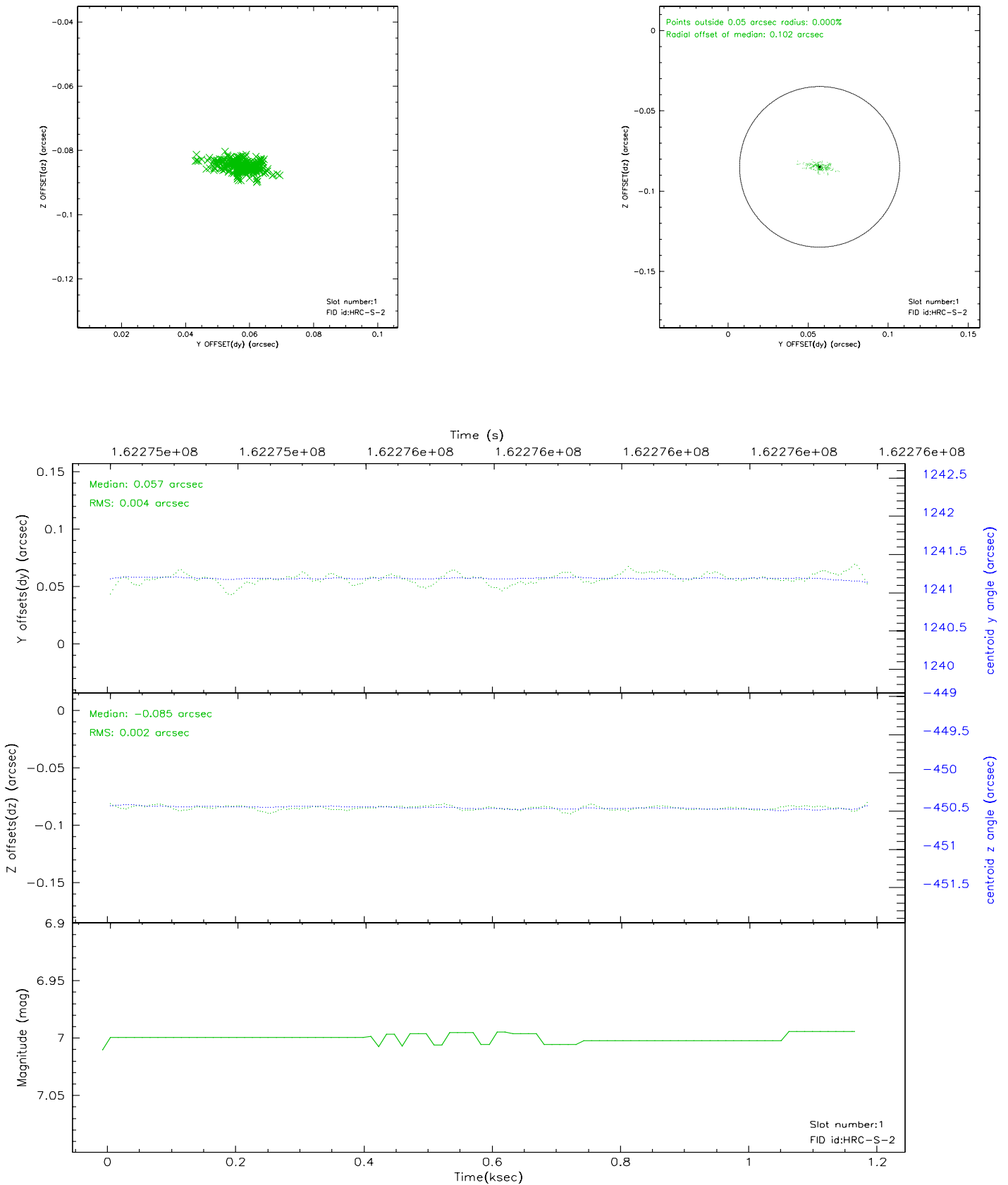


2.5 FID Slots

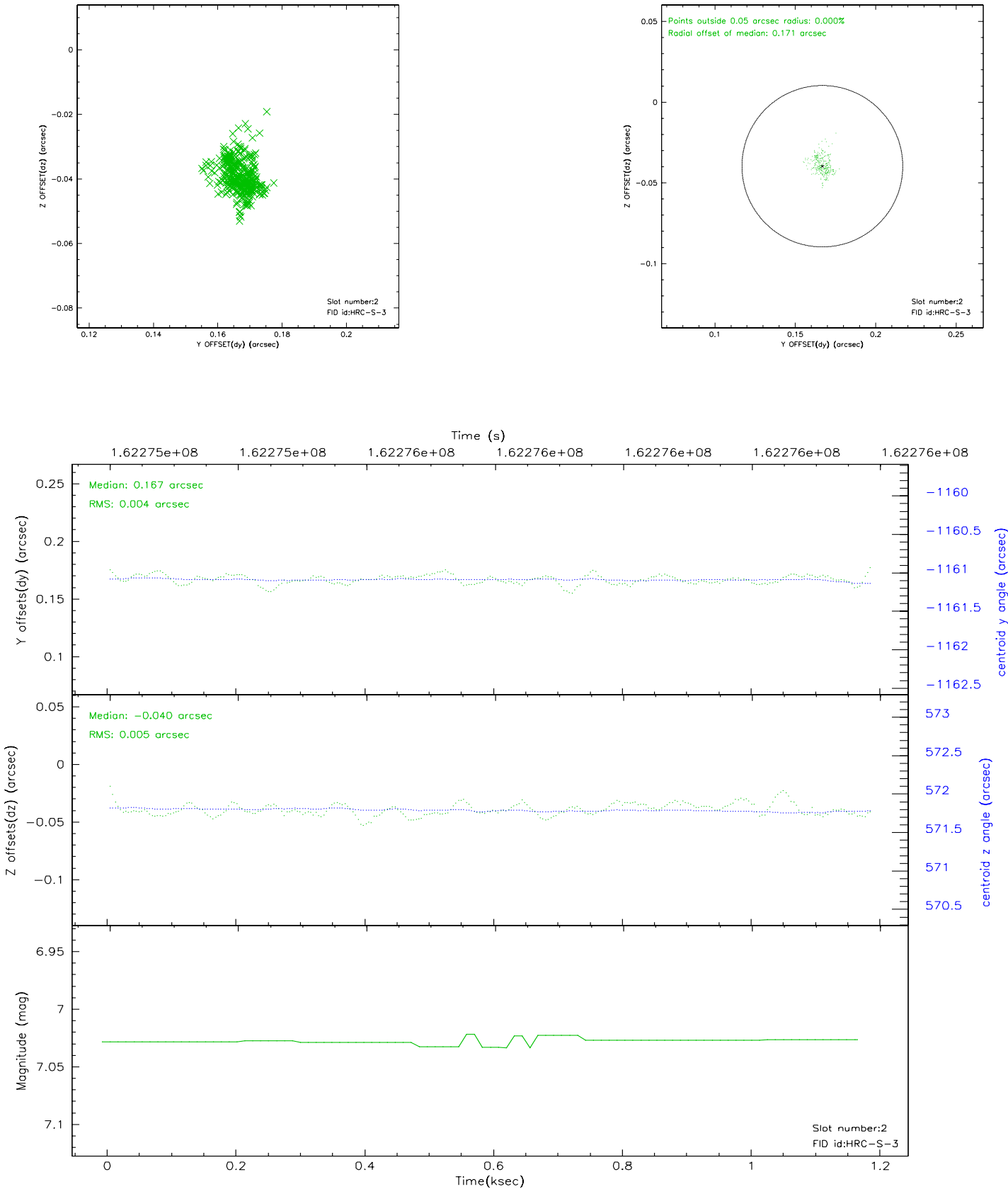
2.5.1 Slot 0



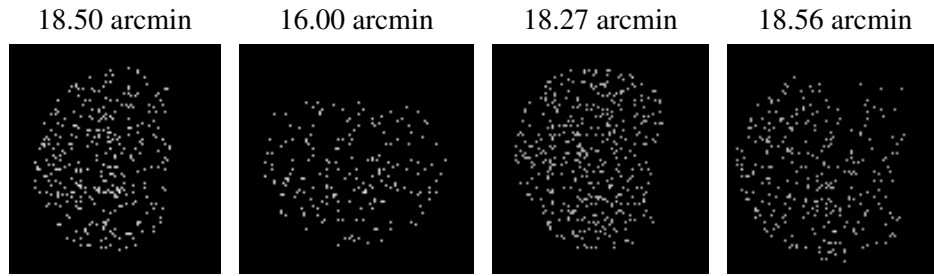
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

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

A.2 Comments

Monitor constraint not met, preceeds obs4351.