

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4350 - L2 Version 001
Chandra X-Ray Center

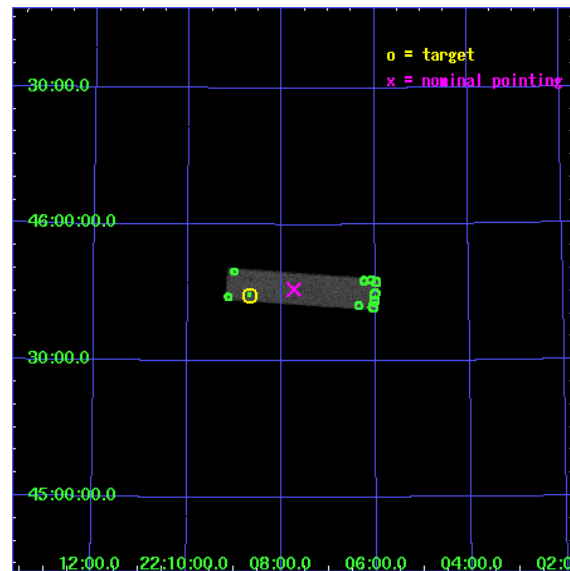
L2 Processing Date : Jul 27 2006

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1 Front

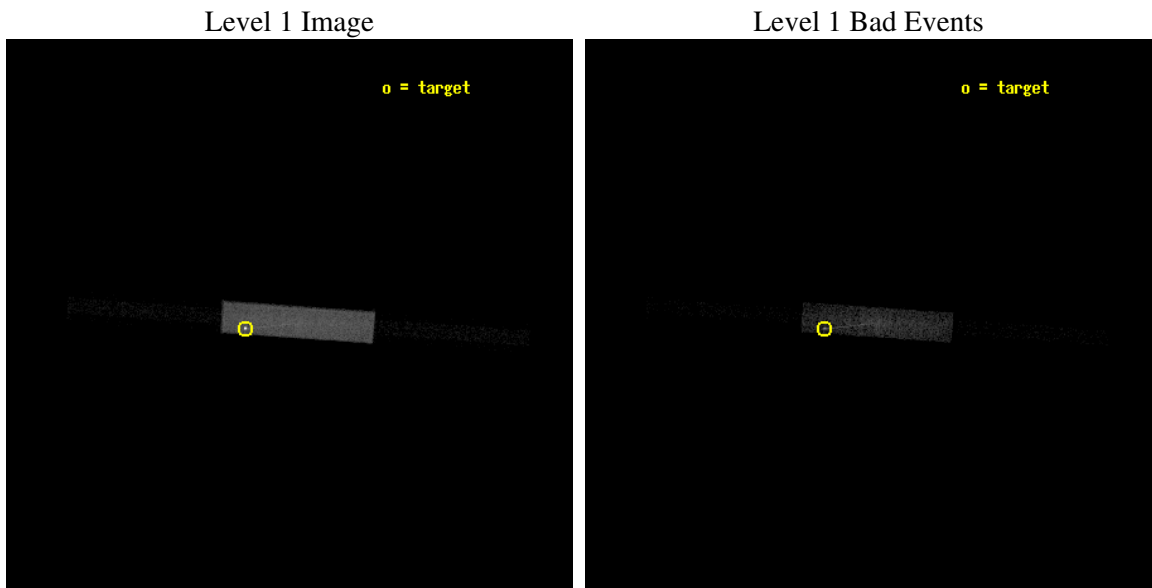
seq_num	290310
obs_id	4350
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.93481688406
dec_nom	45.763641628808
roll_nom	3.9550951559808
revision	2
ontime	1143.1312980652
livetime	1136.8700639528
l2events	42078



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	2006-07-27T21:52:17
revision	2

sched_exp_time	1000.000000
ontime	1185.1562998295
l1events	72991

2.1.3 Events

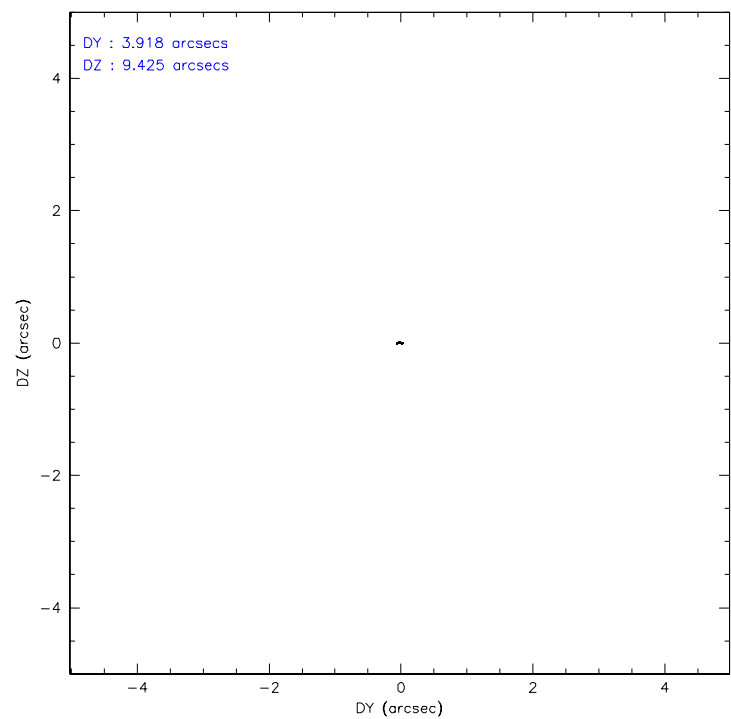
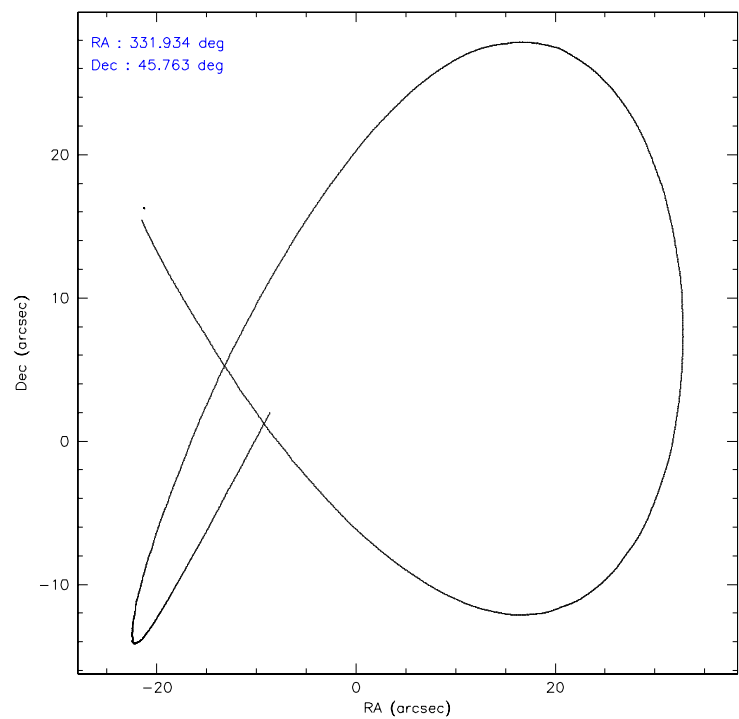
Level 1 Events

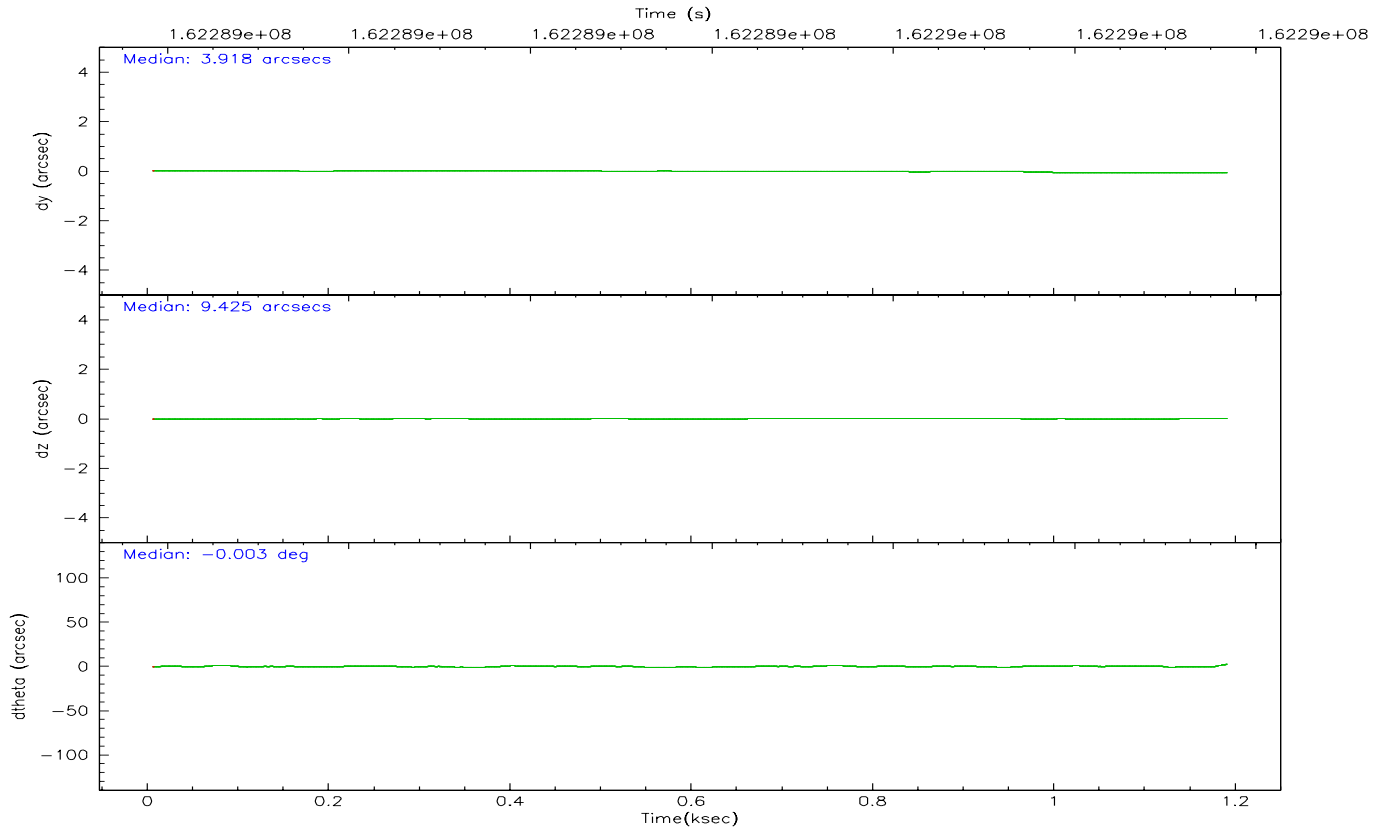
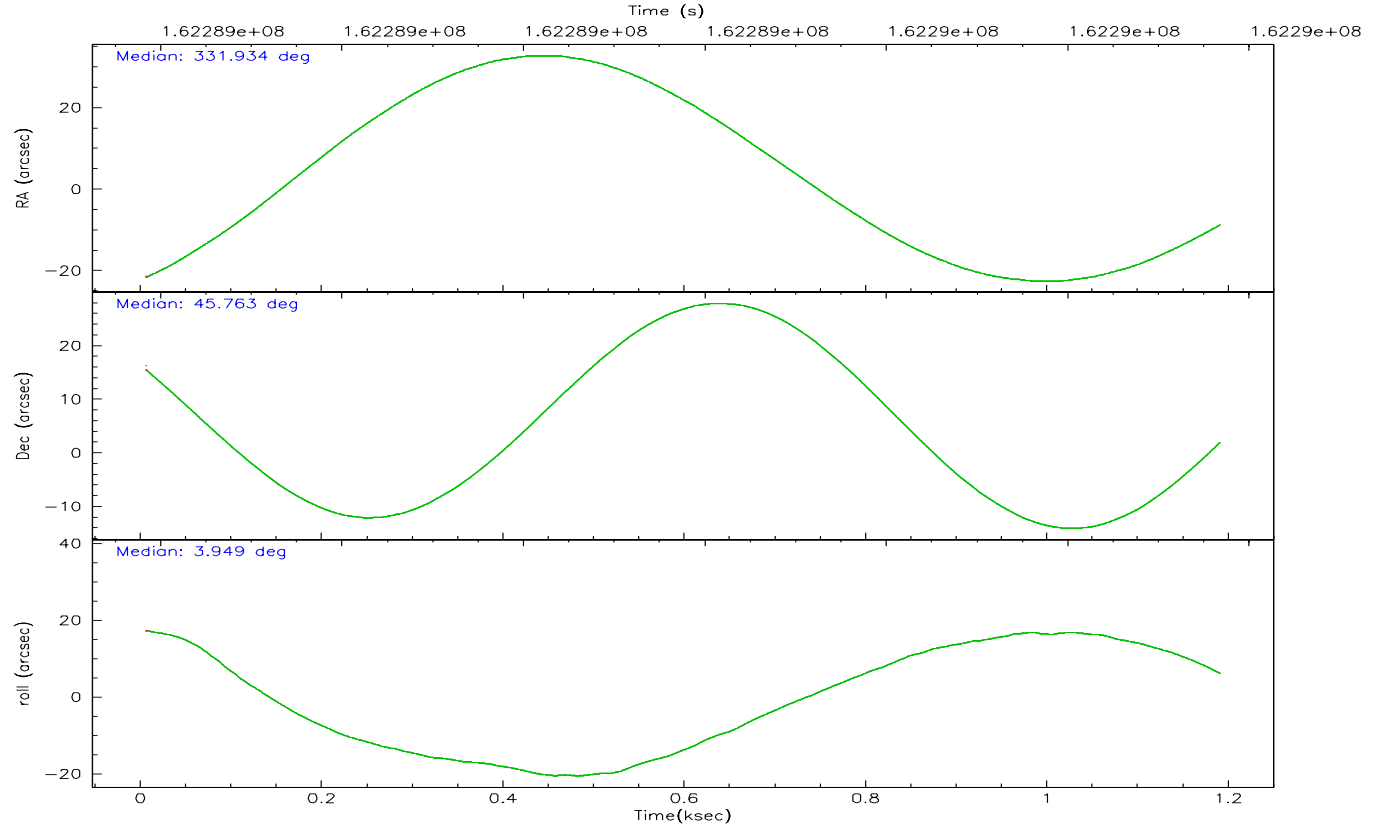
	segment 1	segment 2	segment 3
level 1 events	1139	70731	1121
rejected events	1139	25902	1121
rejected %	100%	36%	100%

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	331.902376	331.9348168840606			
Pointing Dec	45.747558	45.76364162880816			
Pointing Roll	3.910971	3.955095155980803			
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	162288975.184000	162288599.36935			
Observation start date	2003-02-22T08:15:11	2003-02-22T08:09:59			
Observation end time	162289975.184000	162290109.70691			
Observation end date	2003-02-22T08:31:51	2003-02-22T08:35:09			

2.3 Aspect



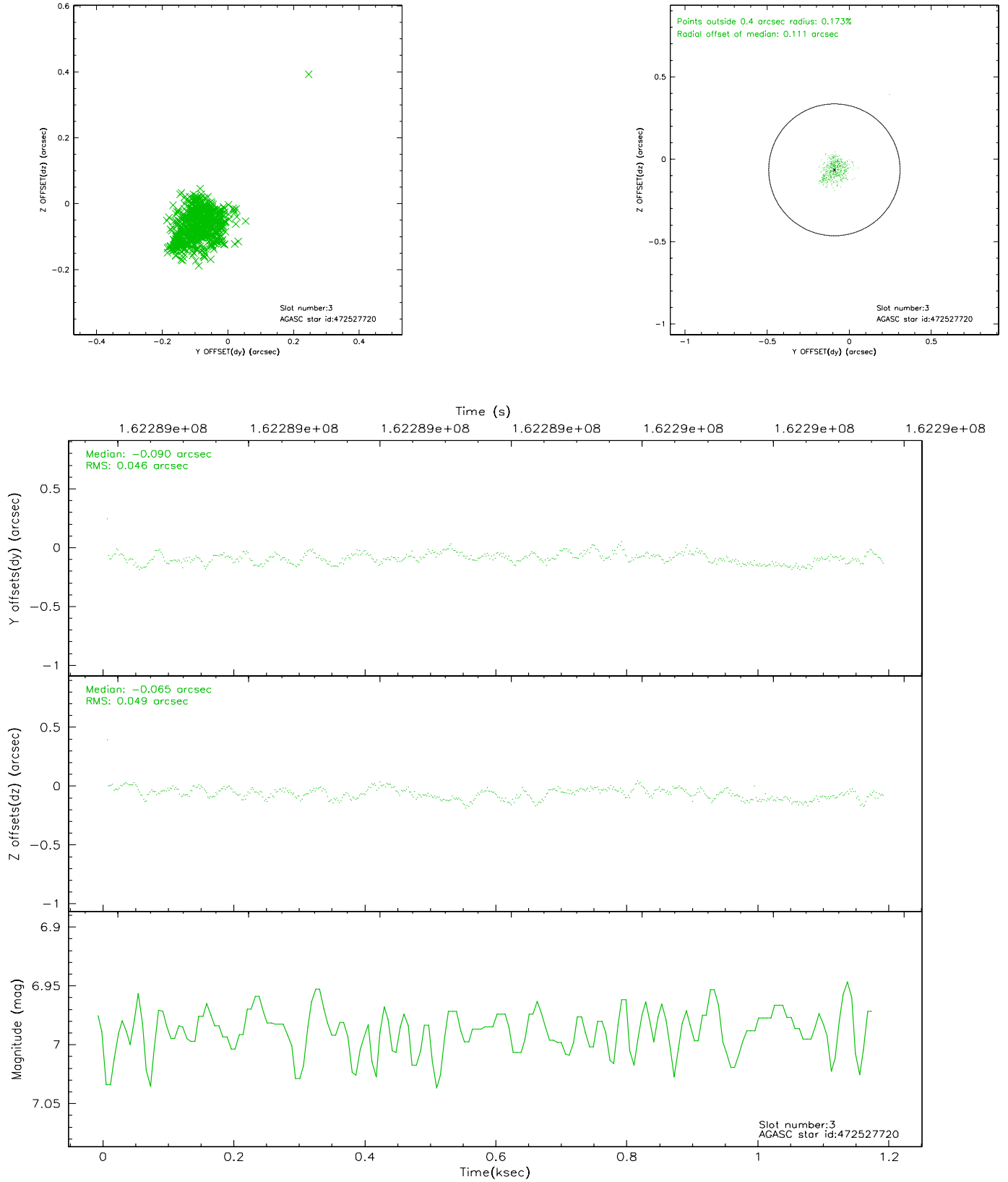


Slot Statistics

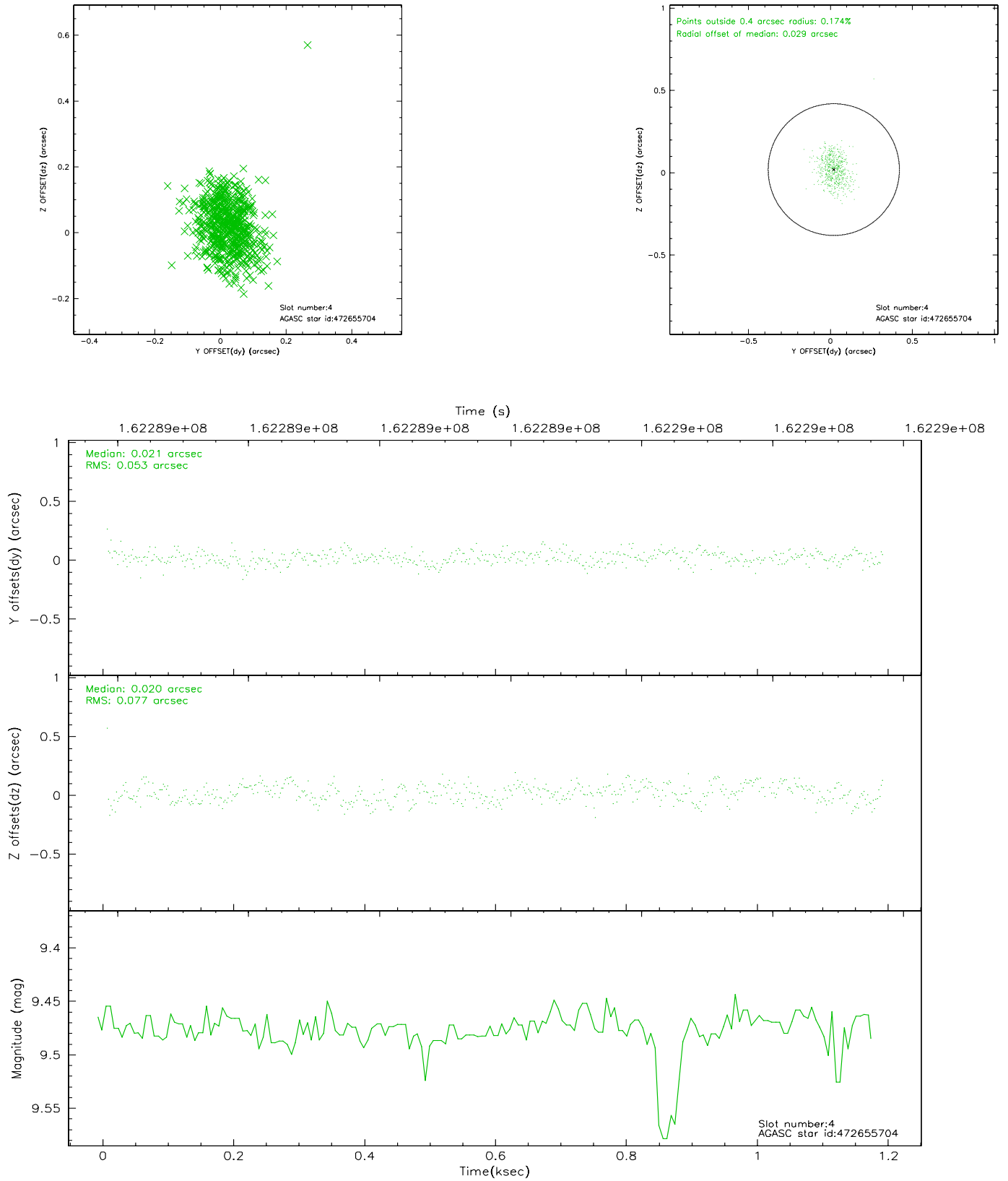
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.156	-0.183	0.006	0.010	0.000000	0.000000	-1157.95	-458.09
1	FID	HRC-S-2	6.99	290	0.082	-0.091	0.004	0.007	0.000000	0.000000	1237.67	-452.25
2	FID	HRC-S-3	7.02	290	0.153	-0.028	0.006	0.010	0.000000	0.000000	-1156.39	570.03
3	GUIDE	472527720	6.99	579	-0.090	-0.065	0.070	0.107	331.460205	45.112509	-1275.10	-2197.44
4	GUIDE	472655704	9.48	575	0.021	0.020	0.096	0.154	332.167195	45.285228	554.99	-1705.04
5	GUIDE	472659832	9.48	579	0.036	0.065	0.094	0.149	332.780399	46.098139	2275.79	1123.04
6	GUIDE	472535400	8.82	578	-0.057	-0.012	0.112	0.171	331.047001	46.353888	-1965.91	2339.72
7	GUIDE	472533912	9.18	578	0.087	-0.002	0.114	0.187	331.791136	46.368695	-125.46	2257.90

2.4 Star Slots

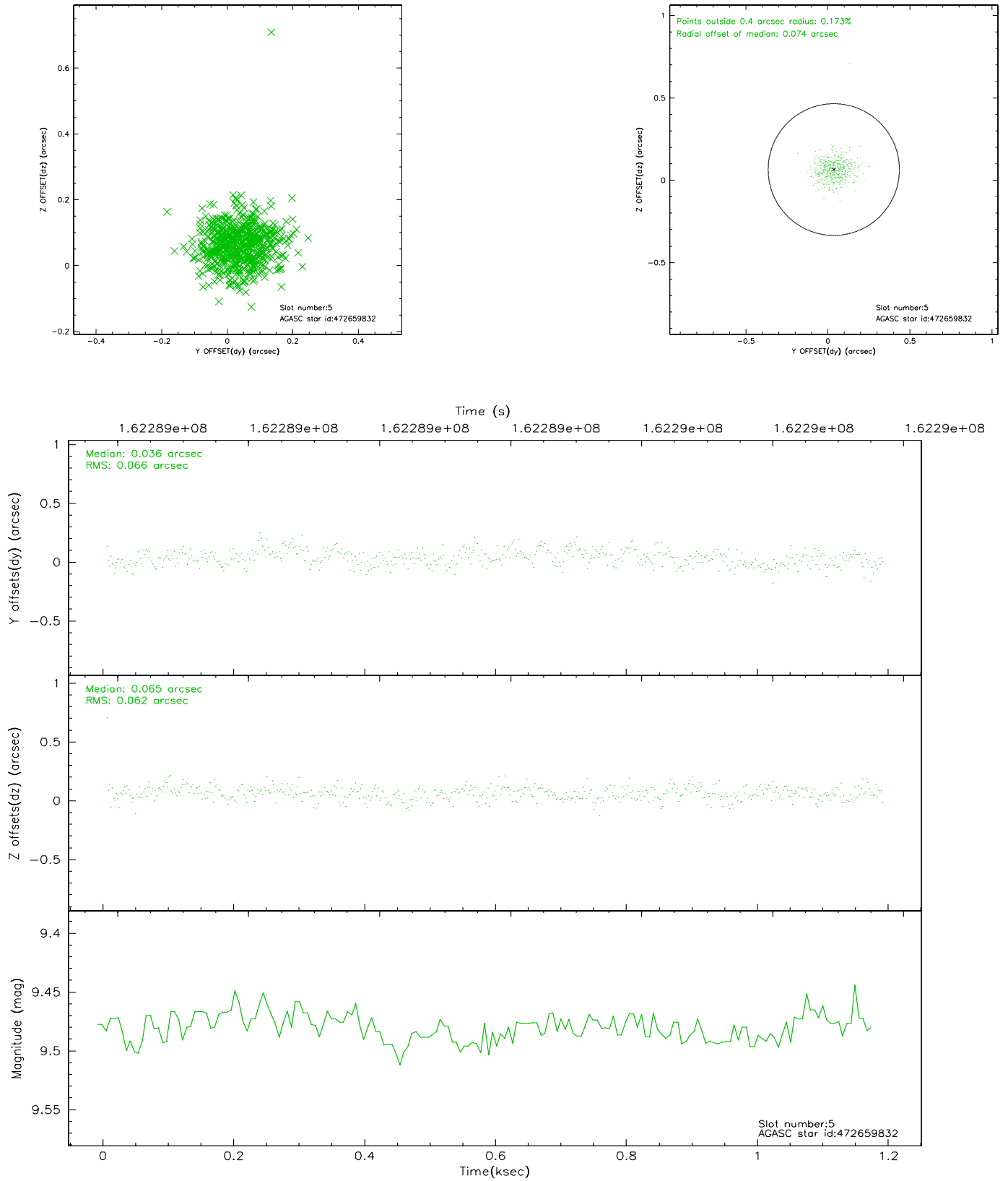
2.4.1 Slot 3



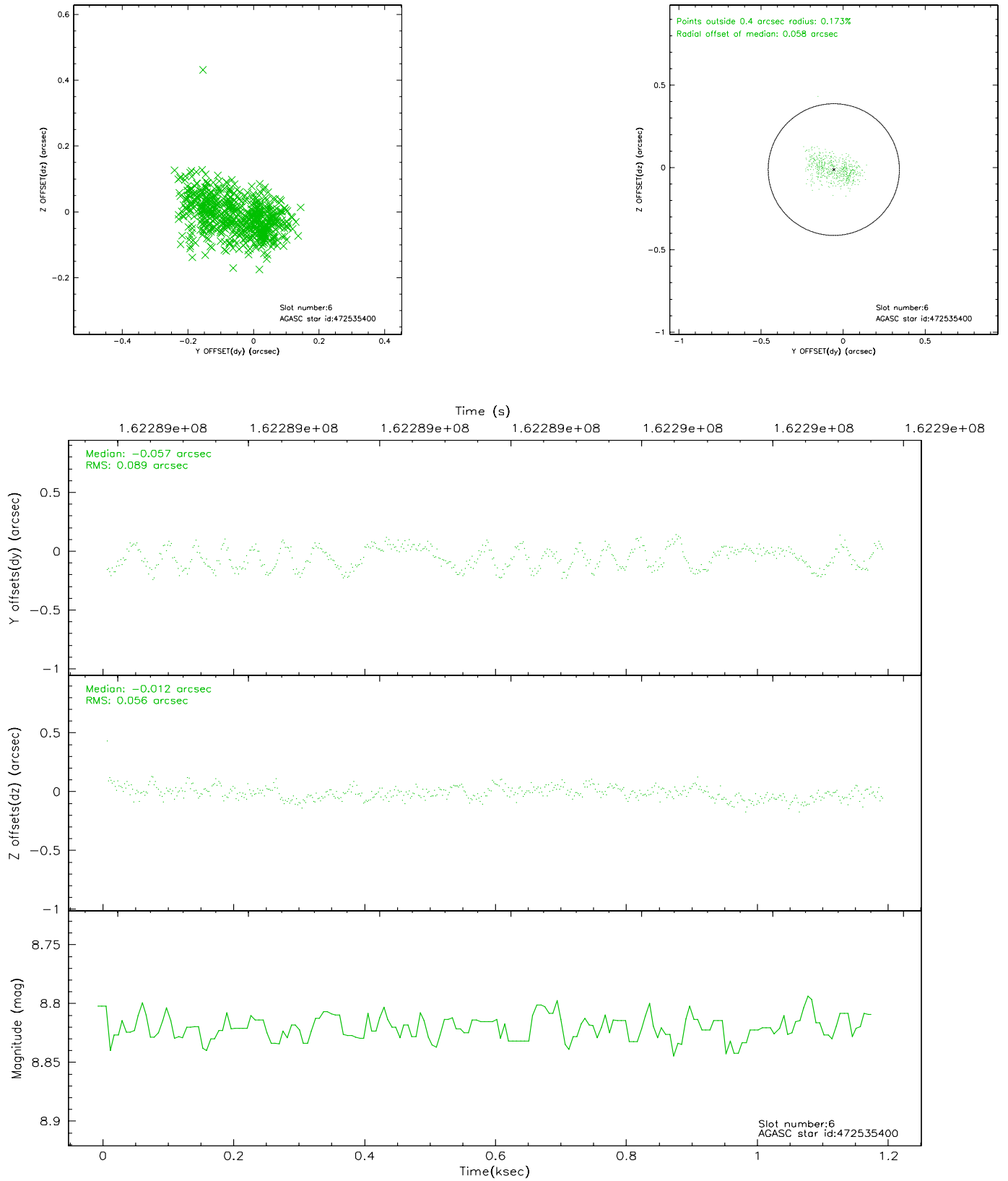
2.4.2 Slot 4



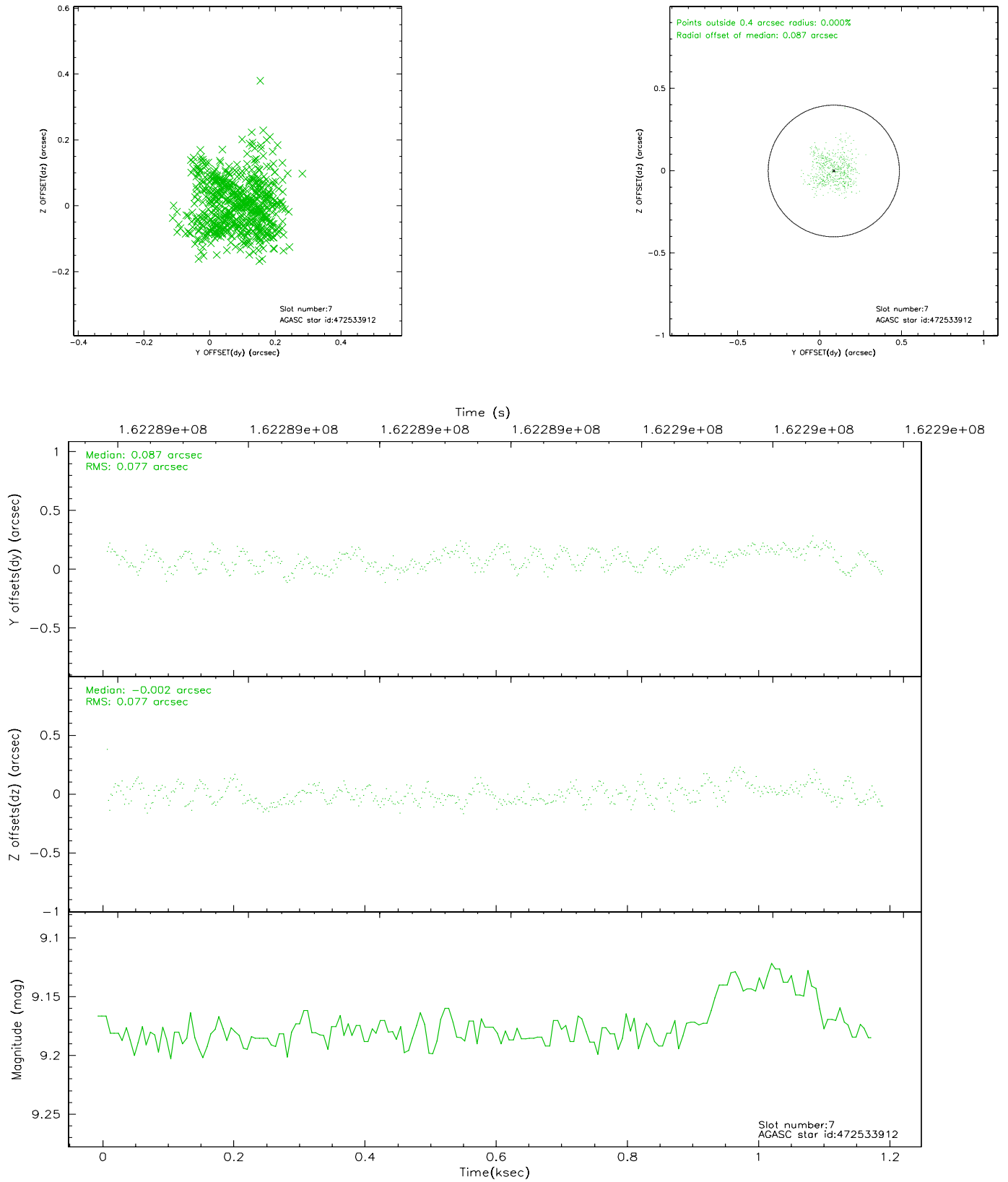
2.4.3 Slot 5



2.4.4 Slot 6

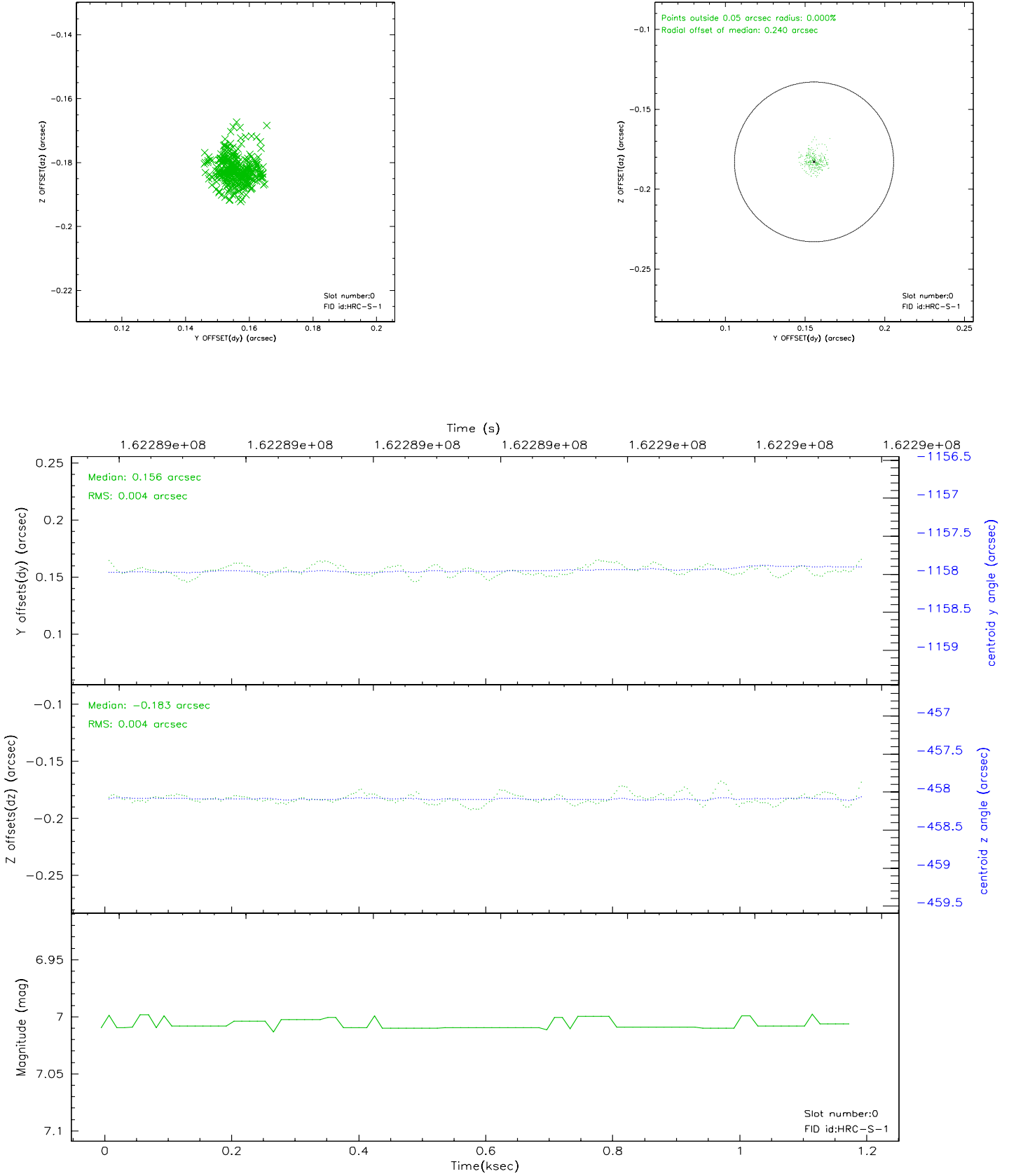


2.4.5 Slot 7

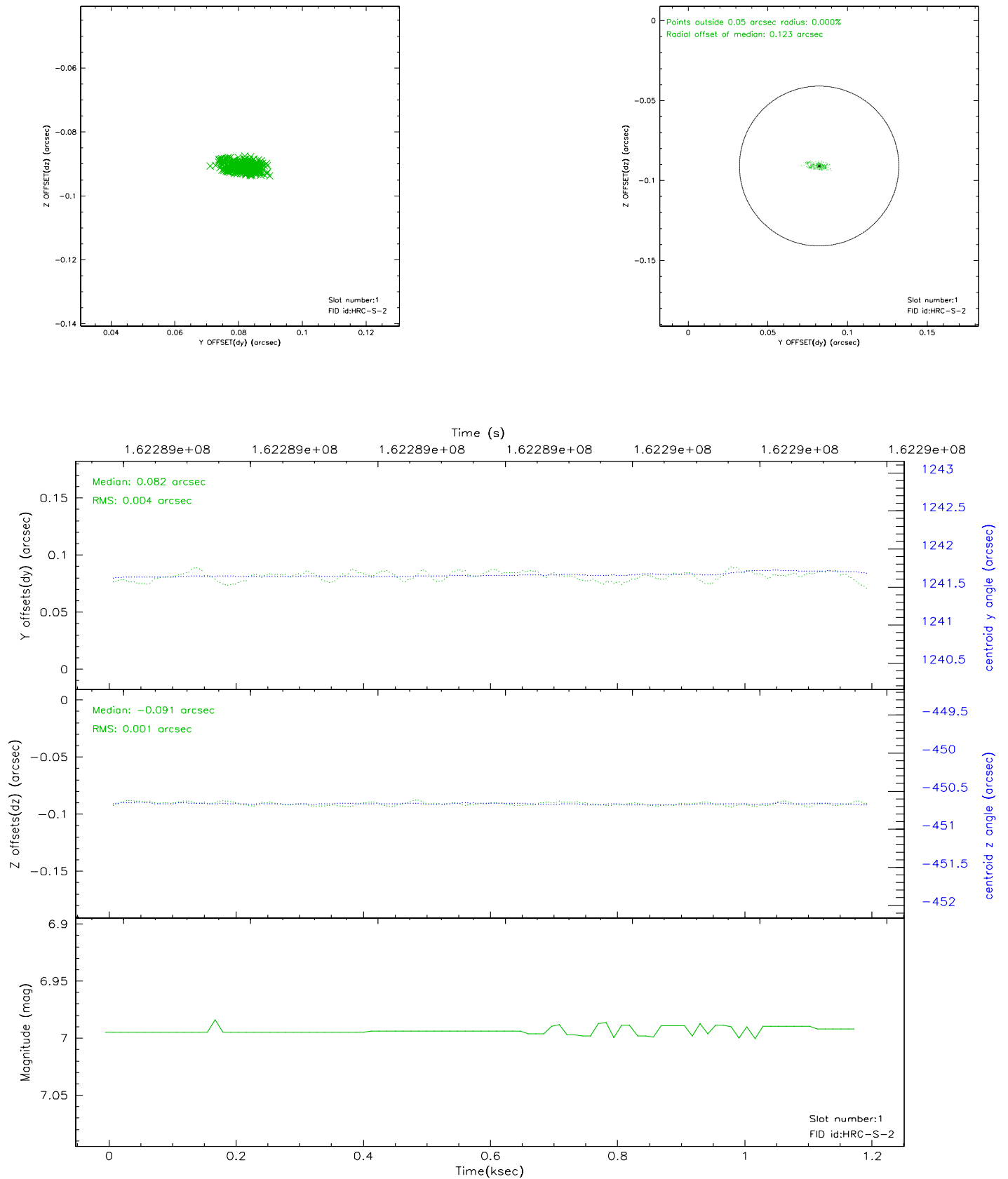


2.5 FID Slots

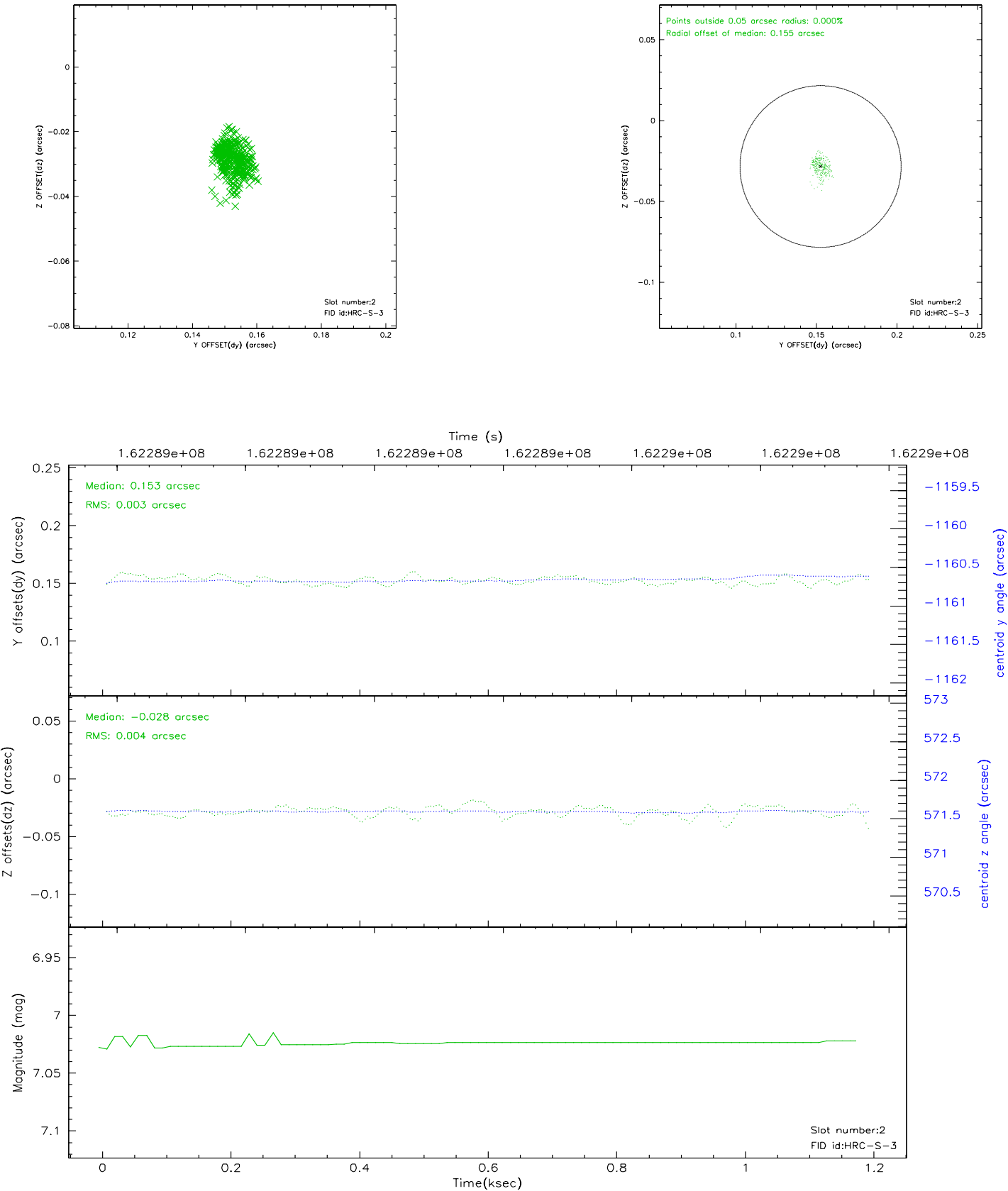
2.5.1 Slot 0



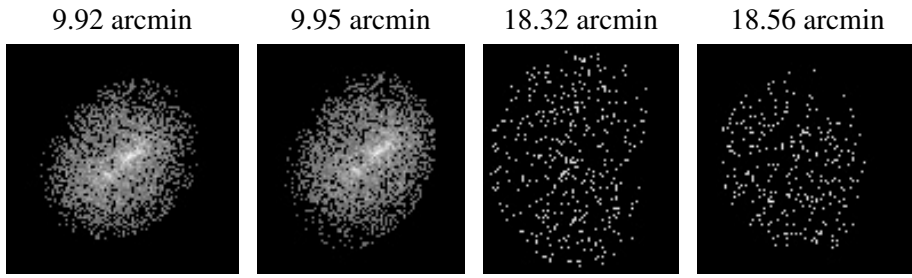
2.5.2 Slot 1



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	1.143

A.2 Comments

Monitor constraint not met.