

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4349 - L2 Version 001
Chandra X-Ray Center

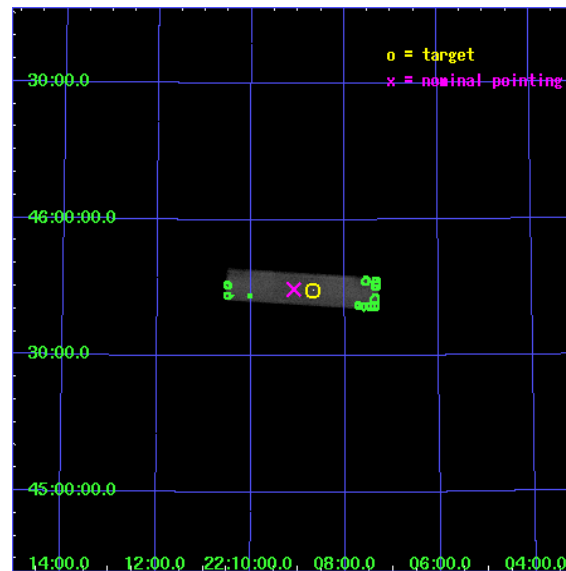
L2 Processing Date : Jul 27 2006

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1 Front

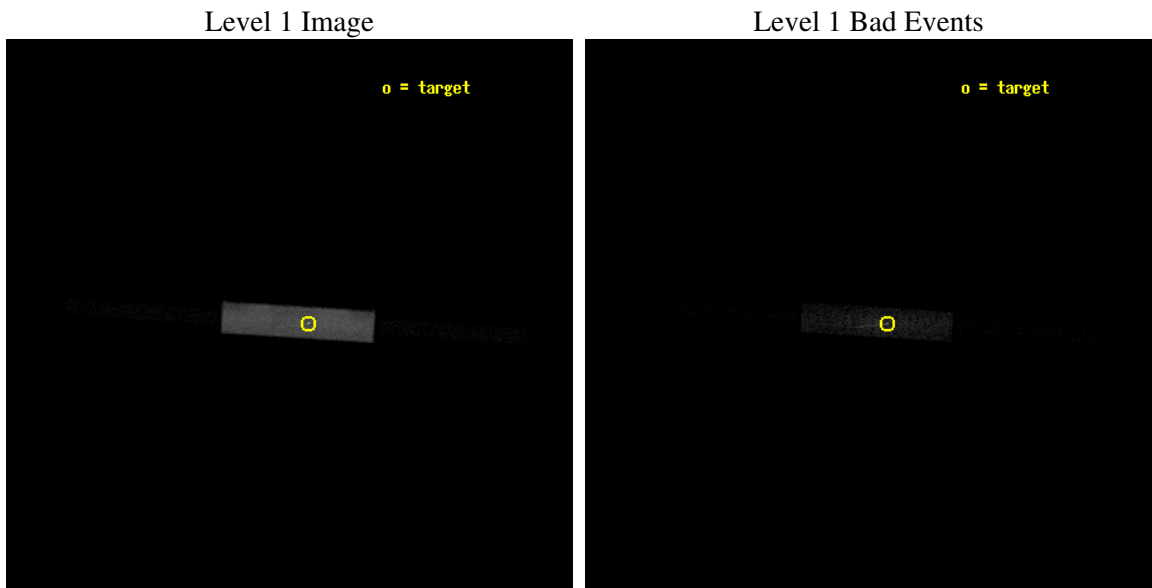
seq_num	290309
obs_id	4349
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.27214879171
dec_nom	45.745438162416
roll_nom	3.5360955871506
revision	2
ontime	1142.1062980592
livetime	1128.6995170264
l2events	82596



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	2006-07-27T21:51:12
revision	2

sched_exp_time	1000.000000
ontime	1179.7750496566
l1events	119217

2.1.3 Events

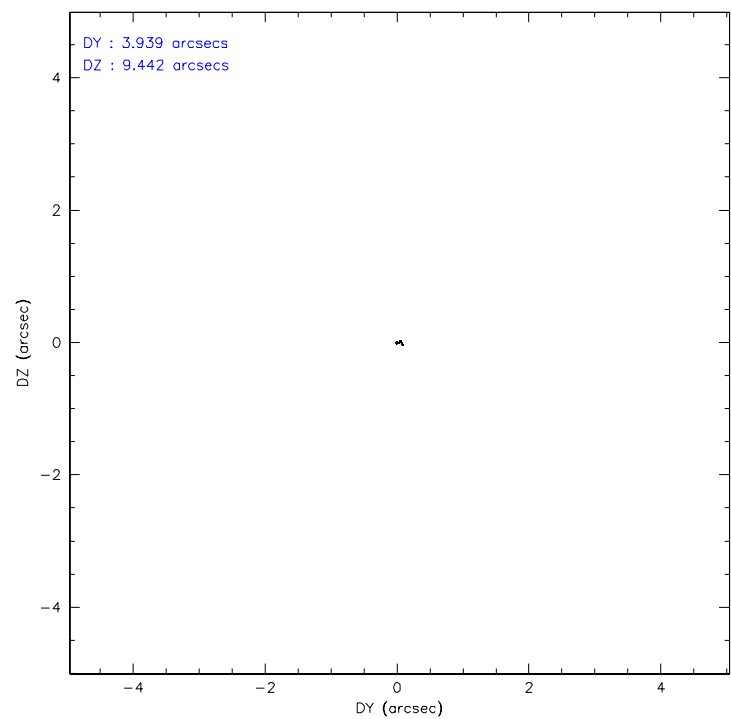
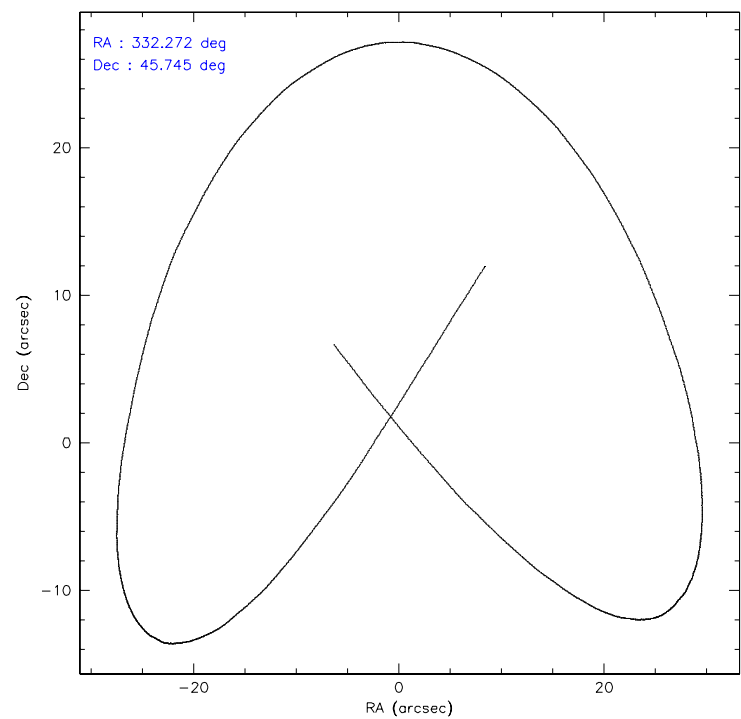
Level 1 Events

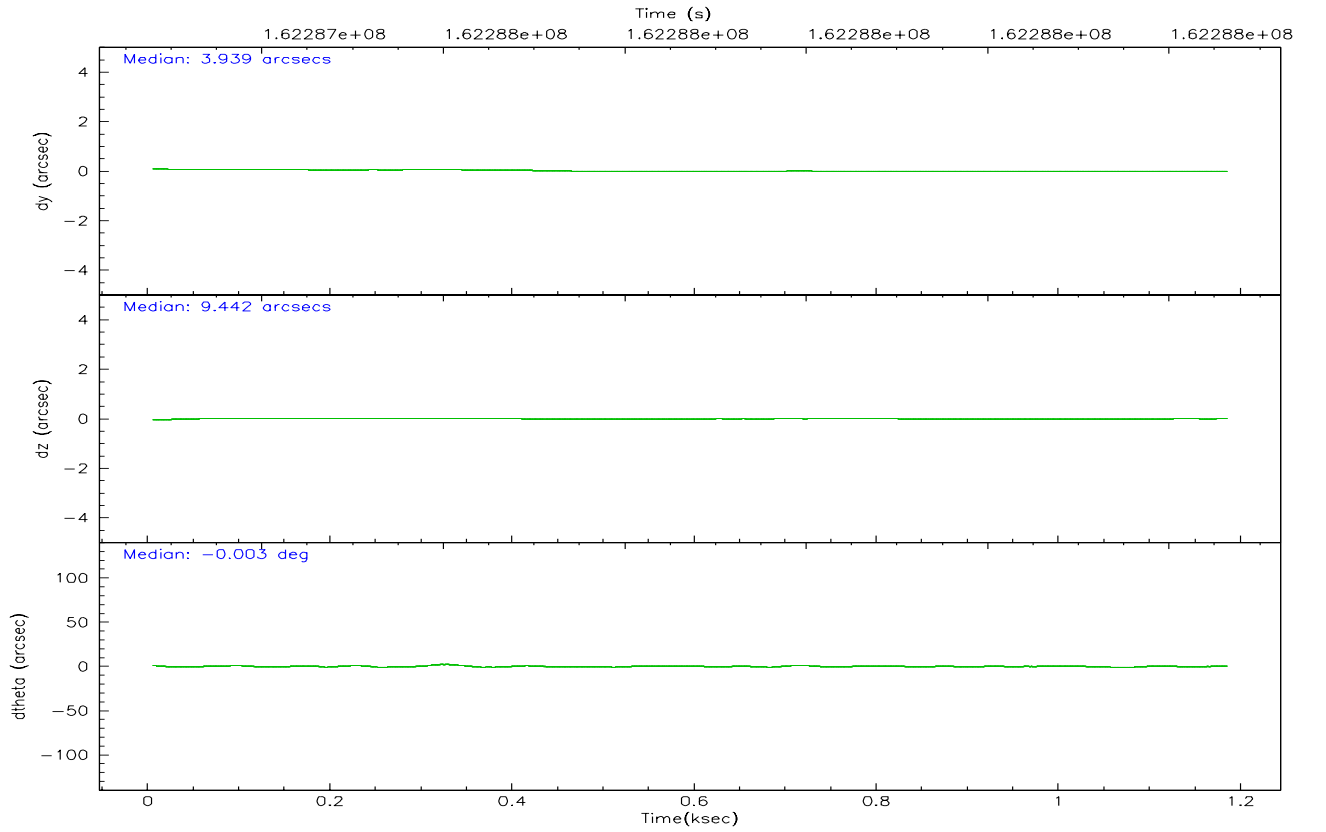
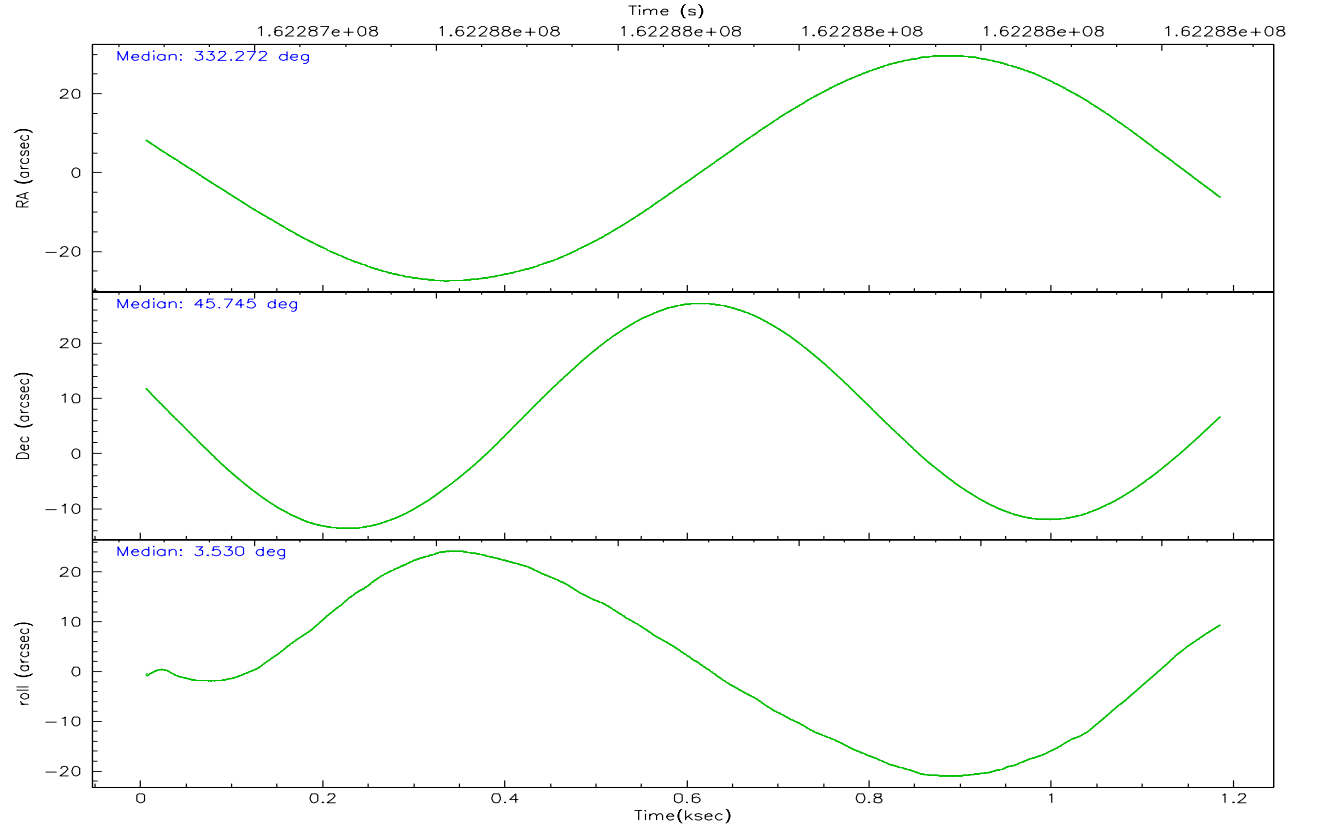
	segment 1	segment 2	segment 3
level 1 events	1716	115861	1640
rejected events	1716	30175	1640
rejected %	100%	26%	100%

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	332.239070	332.2721487917137			
Pointing Dec	45.729570	45.74543816241628			
Pointing Roll	3.492456	3.536095587150577			
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	162287465.184000	162287089.54428			
Observation start date	2003-02-22T07:50:01	2003-02-22T07:44:49			
Observation end time	162288465.184000	162288599.36935			
Observation end date	2003-02-22T08:06:41	2003-02-22T08:09:59			

2.3 Aspect



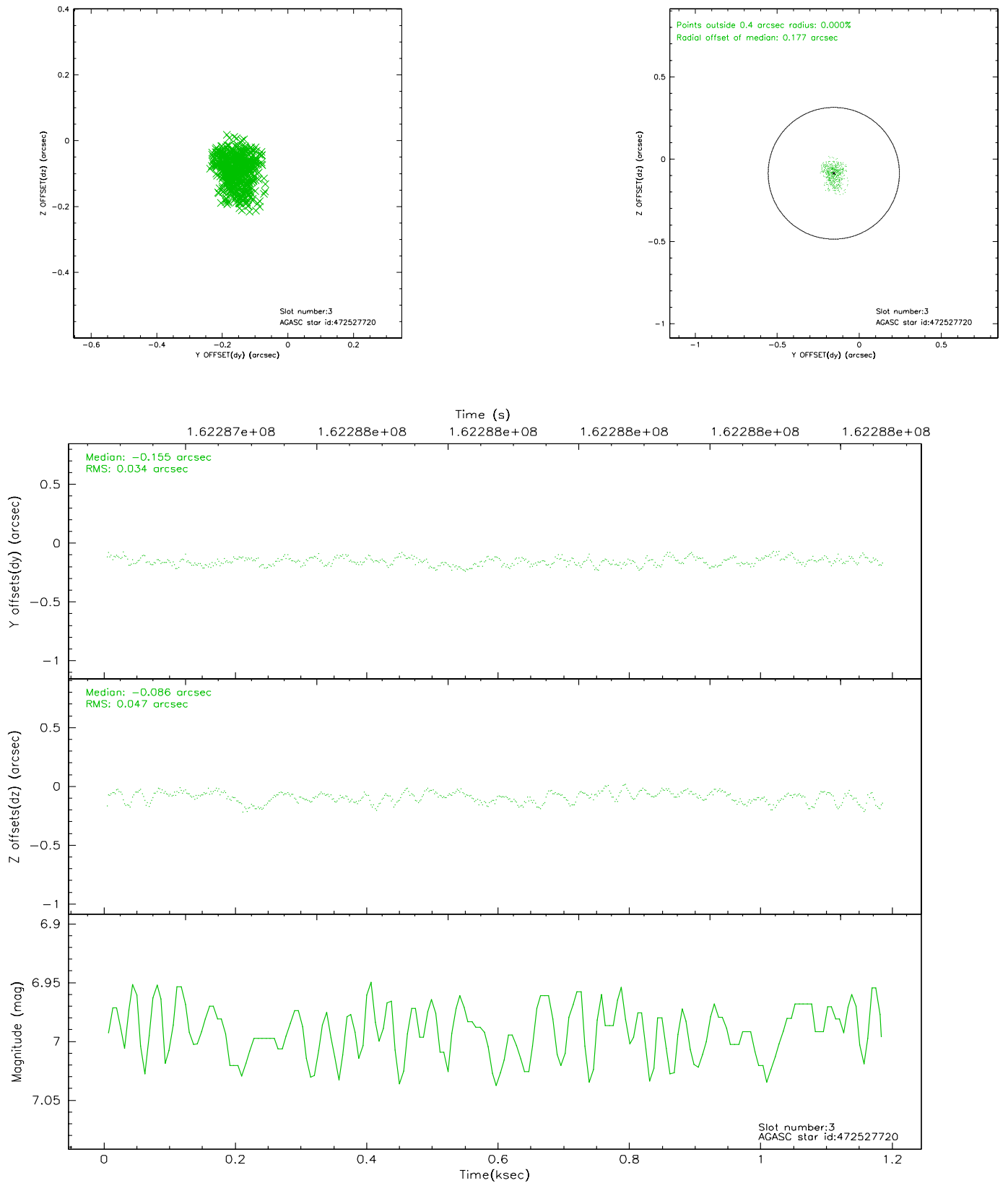


Slot Statistics

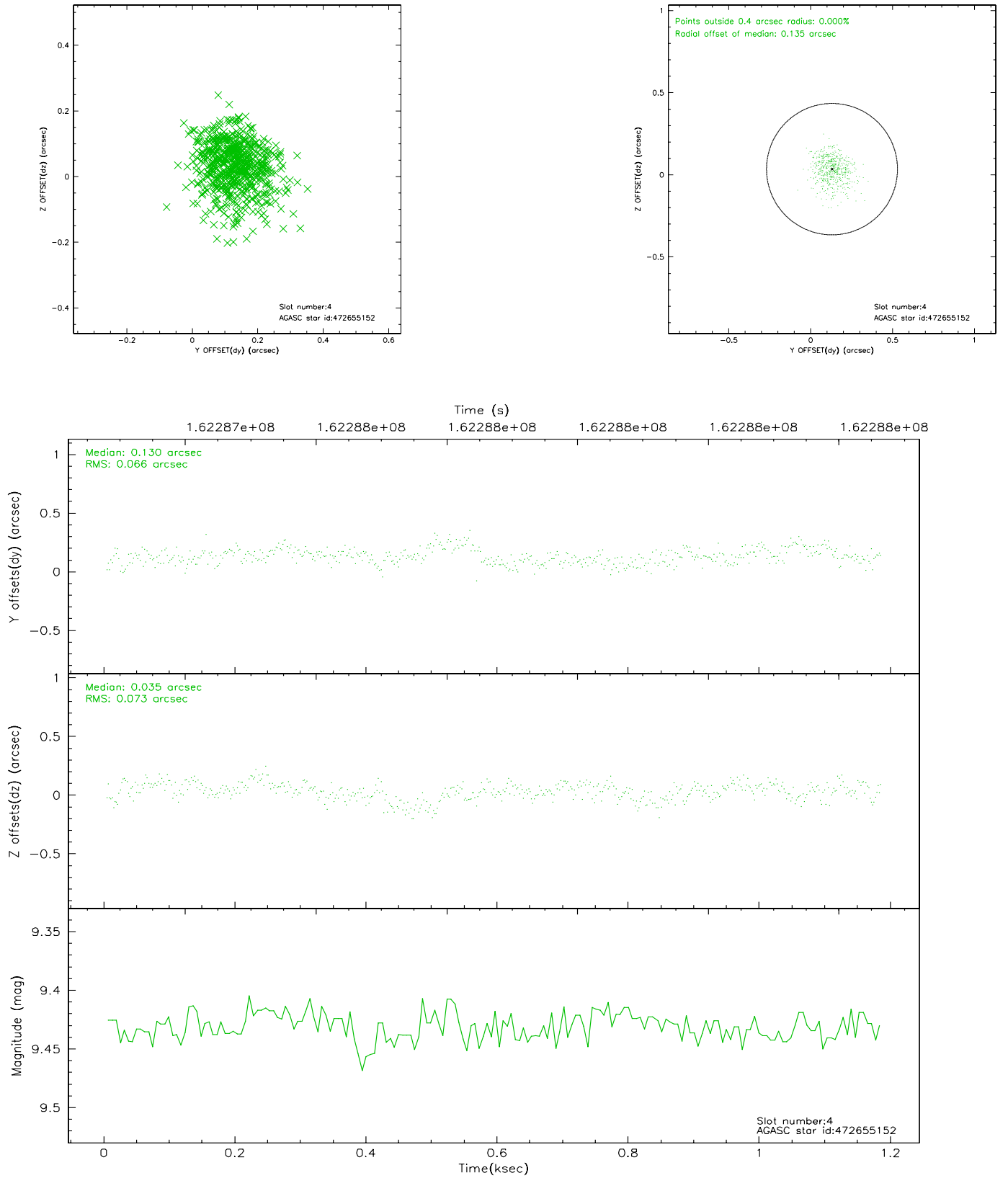
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	289	0.158	-0.183	0.007	0.012	0.000000	0.000000	-1158.00	-458.11
1	FID	HRC-S-2	6.99	288	0.078	-0.090	0.004	0.009	0.000000	0.000000	1237.58	-452.28
2	FID	HRC-S-3	7.02	288	0.154	-0.028	0.006	0.011	0.000000	0.000000	-1156.41	570.01
3	GUIDE	472527720	6.99	577	-0.155	-0.086	0.062	0.098	331.460205	45.112509	-2109.73	-2083.41
4	GUIDE	472655152	9.43	576	0.130	0.035	0.102	0.174	332.504239	45.862991	689.44	440.64
5	GUIDE	472659832	9.46	577	0.048	0.074	0.105	0.174	332.780399	46.098139	1431.16	1251.80
6	GUIDE	472533912	9.18	577	-0.034	-0.035	0.125	0.188	331.791136	46.368695	-968.04	2373.68
7	GUIDE	472654568	9.44	575	0.013	0.032	0.109	0.186	332.194449	45.063576	-260.60	-2377.87

2.4 Star Slots

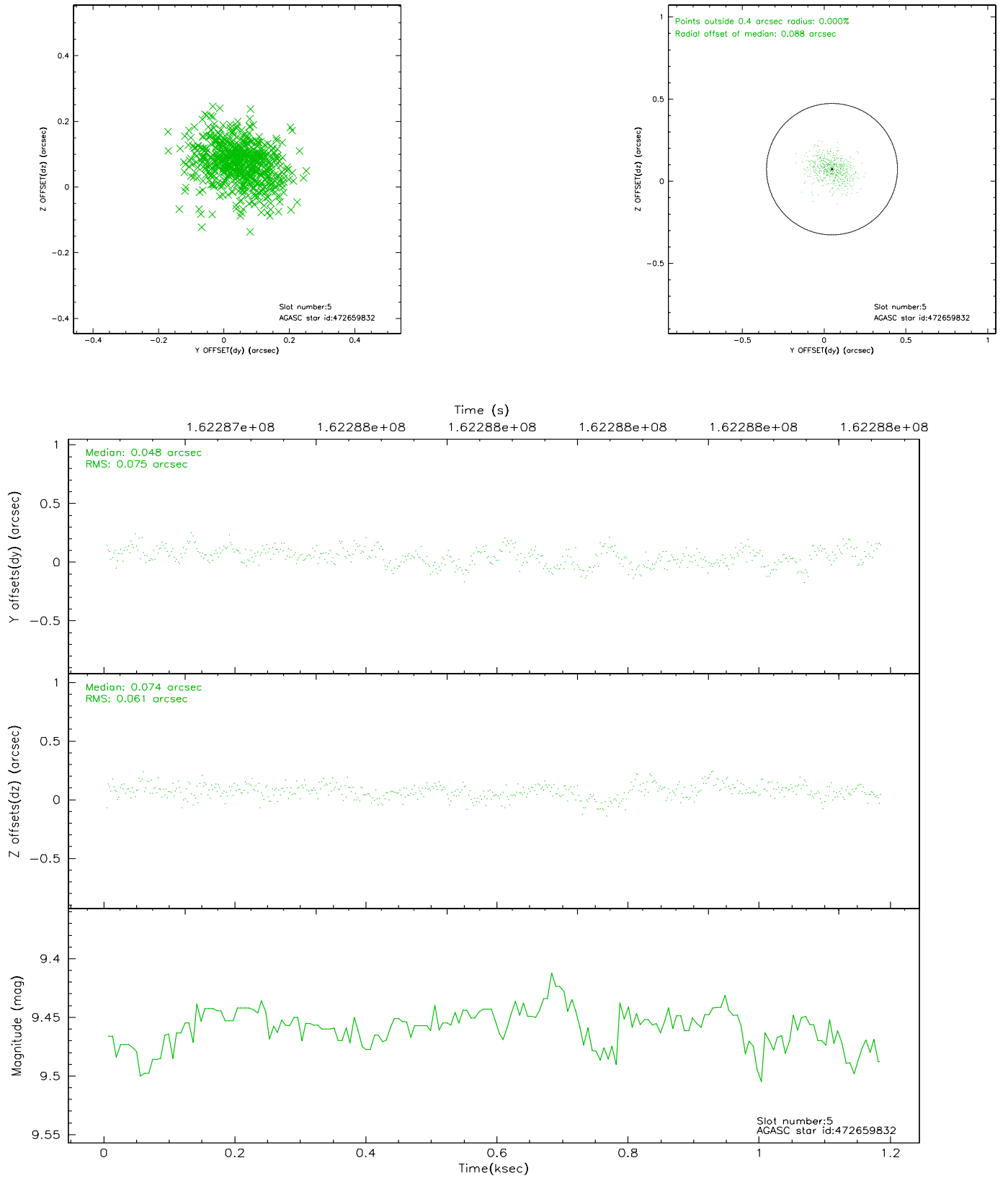
2.4.1 Slot 3



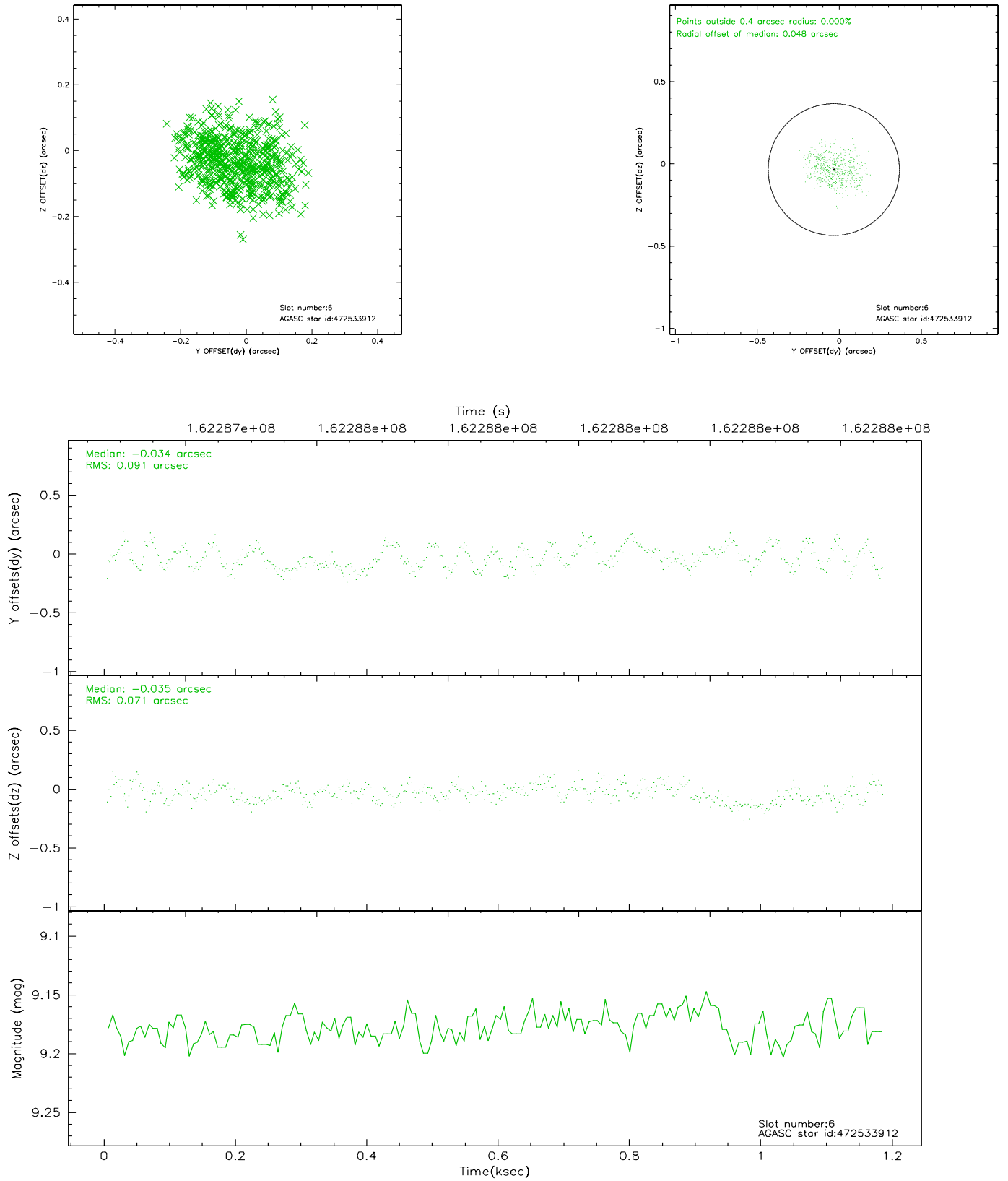
2.4.2 Slot 4



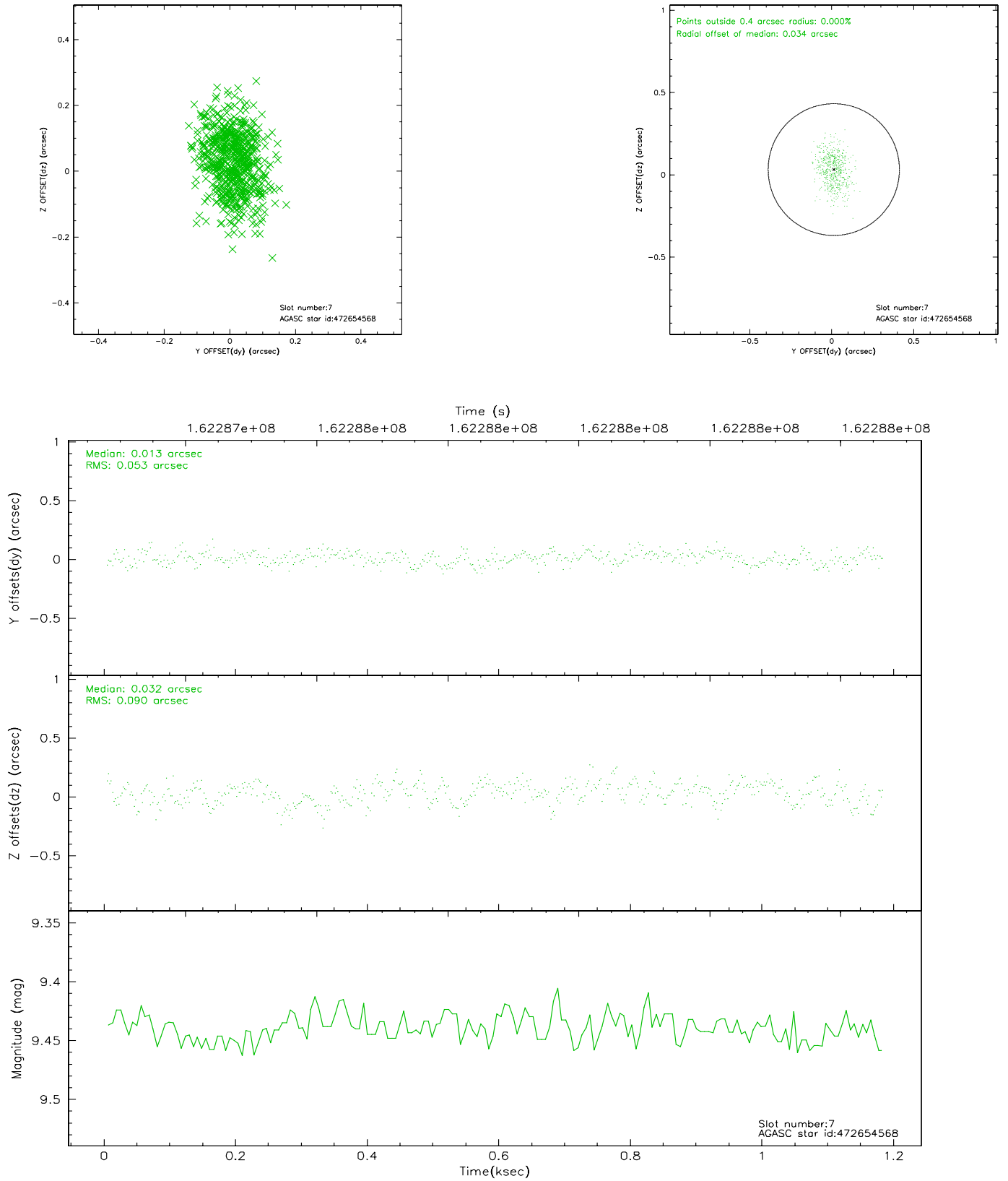
2.4.3 Slot 5



2.4.4 Slot 6

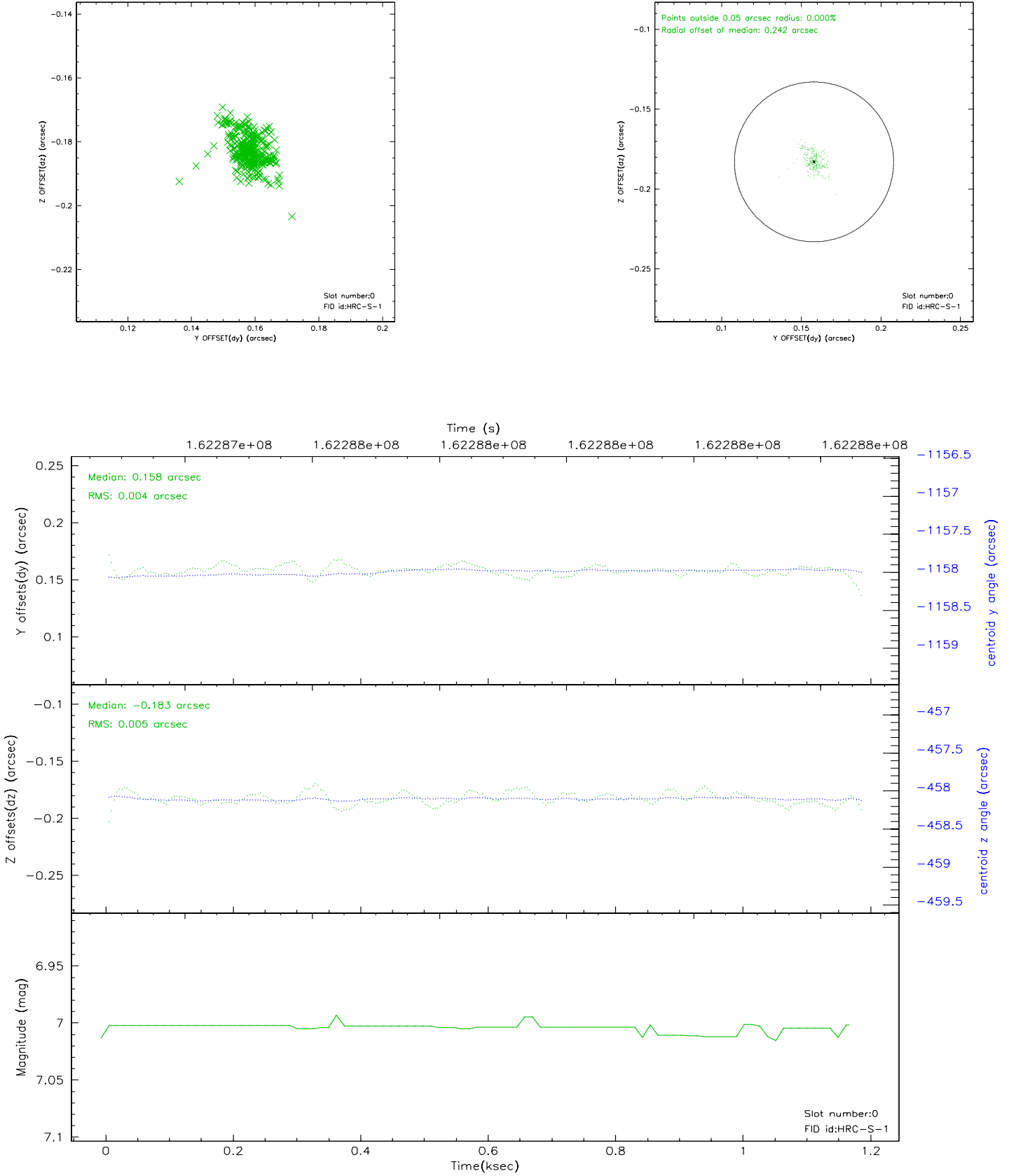


2.4.5 Slot 7

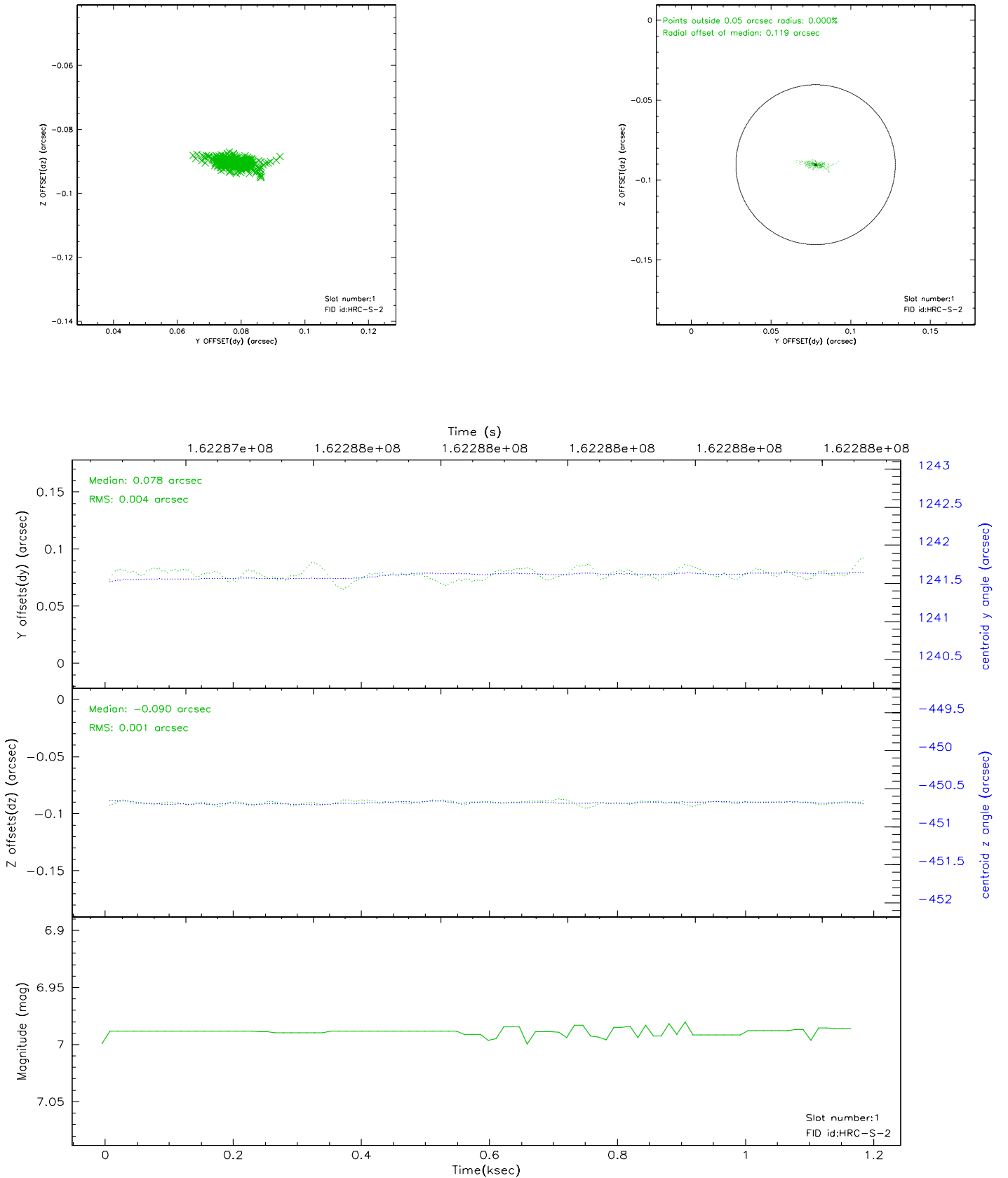


2.5 FID Slots

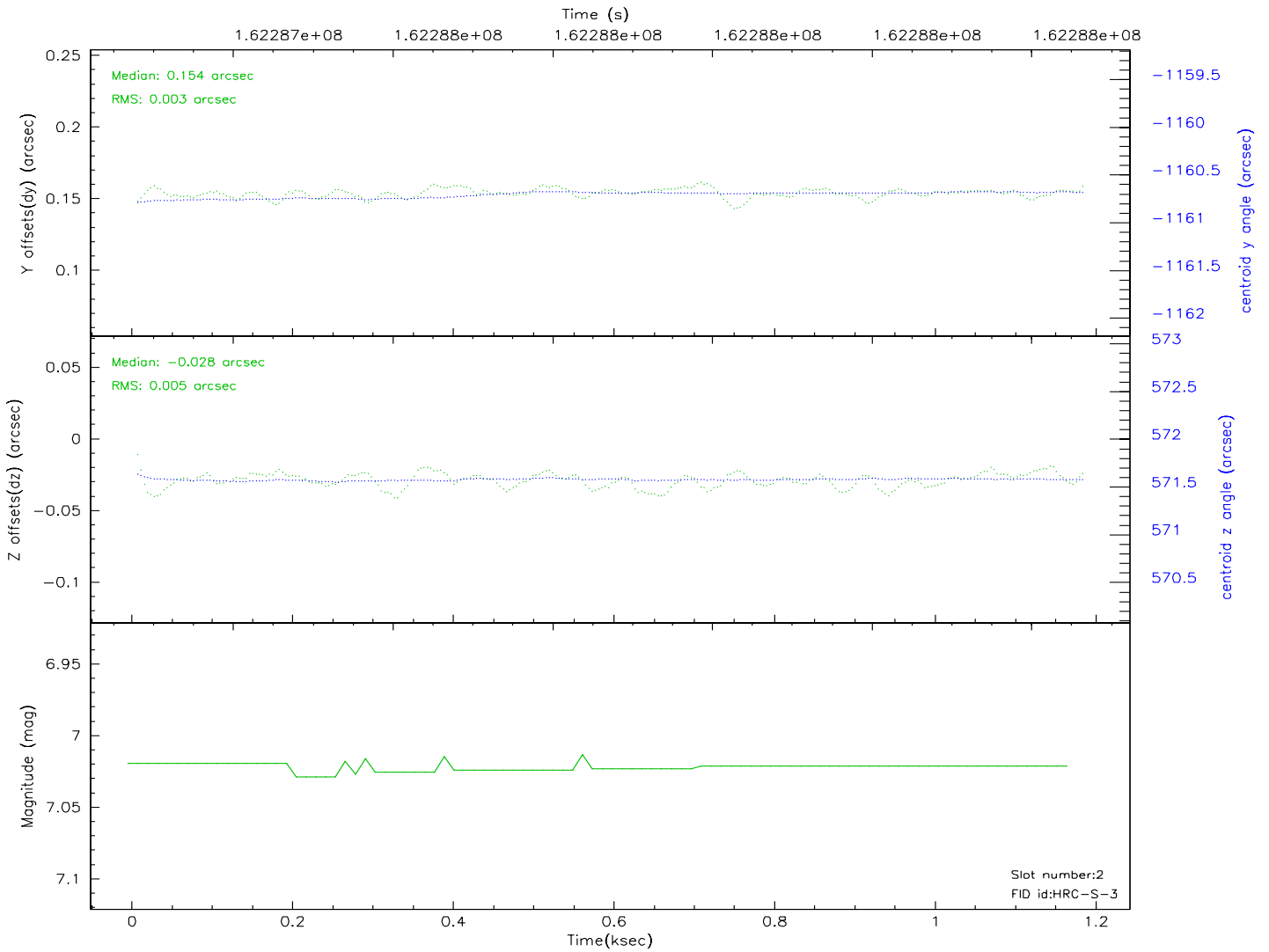
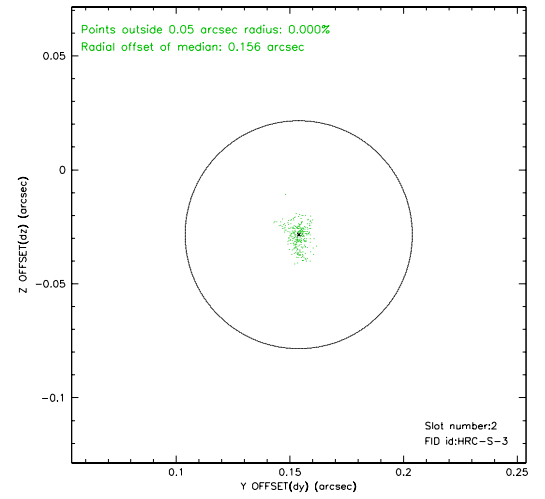
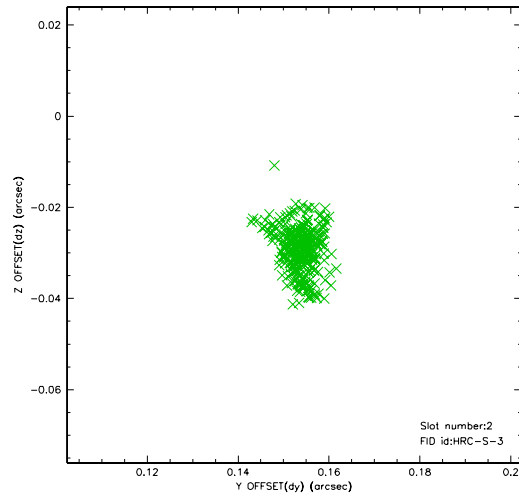
2.5.1 Slot 0



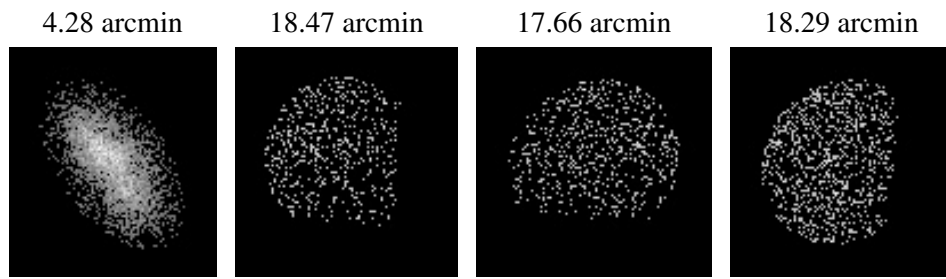
2.5.2 Slot 1



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.