

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4852 - L2 Version 3
Chandra X-Ray Center

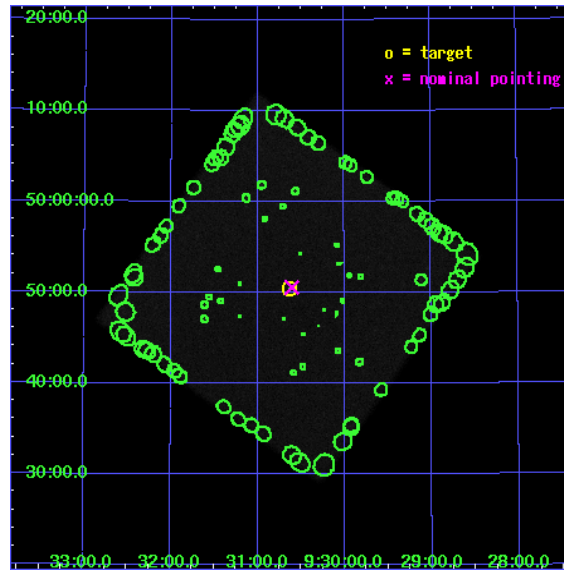
L2 Processing Date : Nov 23 2007

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1 Front

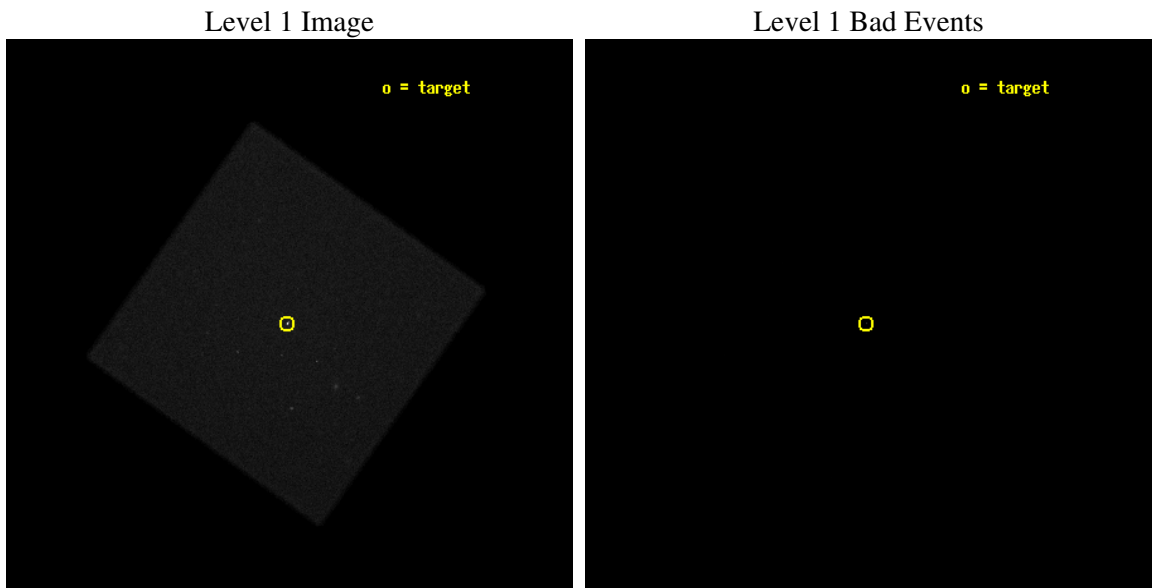
seq_num	700934
obs_id	4852
title	EXTENDED EMISSION AND ACCRETION RATES IN BL LACERTAE OBJECTS
observer	Dr. Rita Sambruna
object	1ES 0927+500
ra_targ	142.656667
dec_targ	49.840417
ra_nom	142.65122962769
dec_nom	49.842649615615
roll_nom	170.56662532493
revision	3
ontime	19871.932118595
livetime	19759.707358457
l2events	641563



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-23T22:15:02
revision	3

sched_exp_time	20000.000000
ontime	19871.932118595
l1events	932696

2.1.3 Events

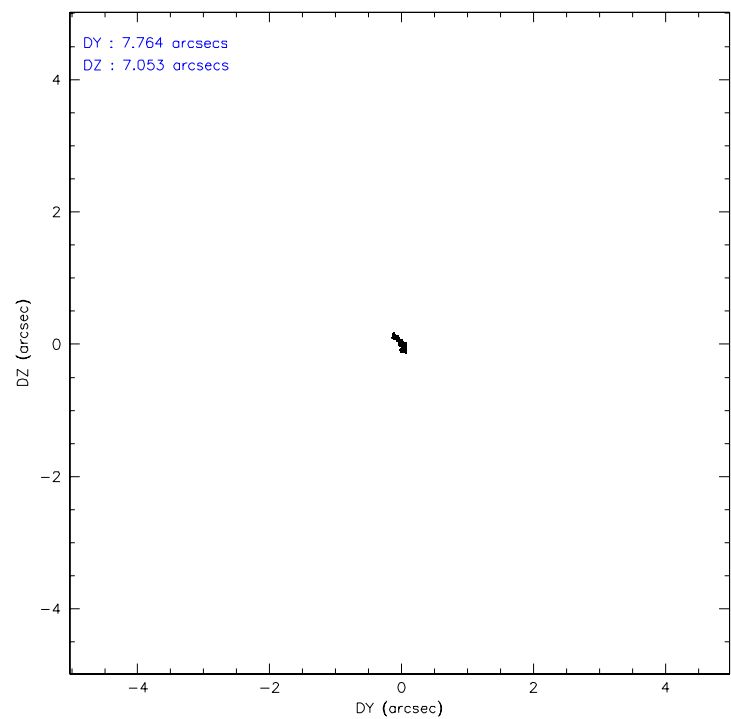
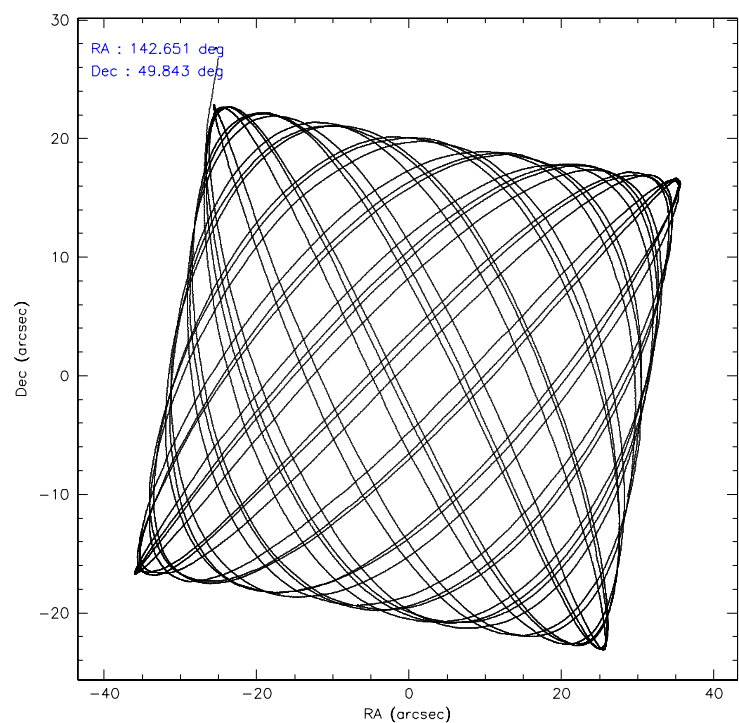
Level 1 Events

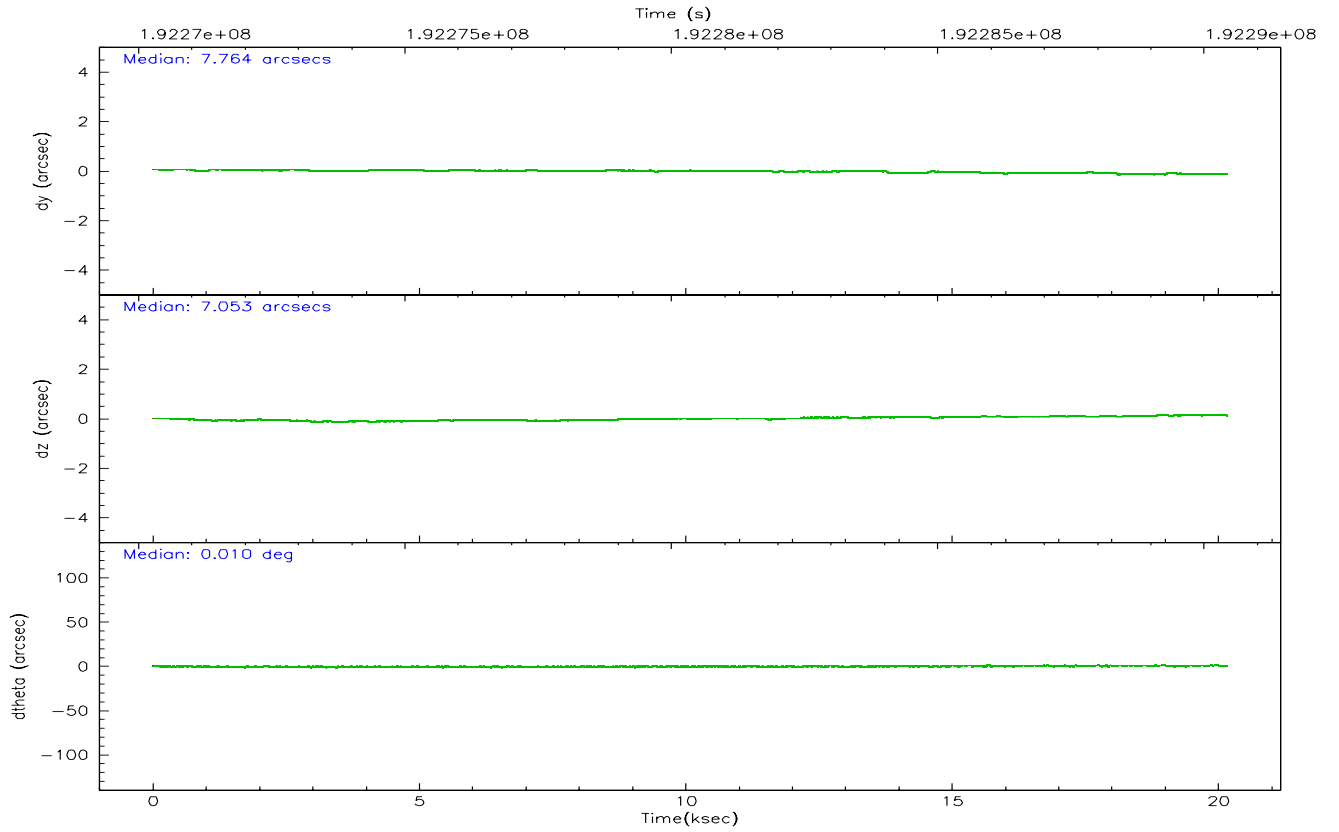
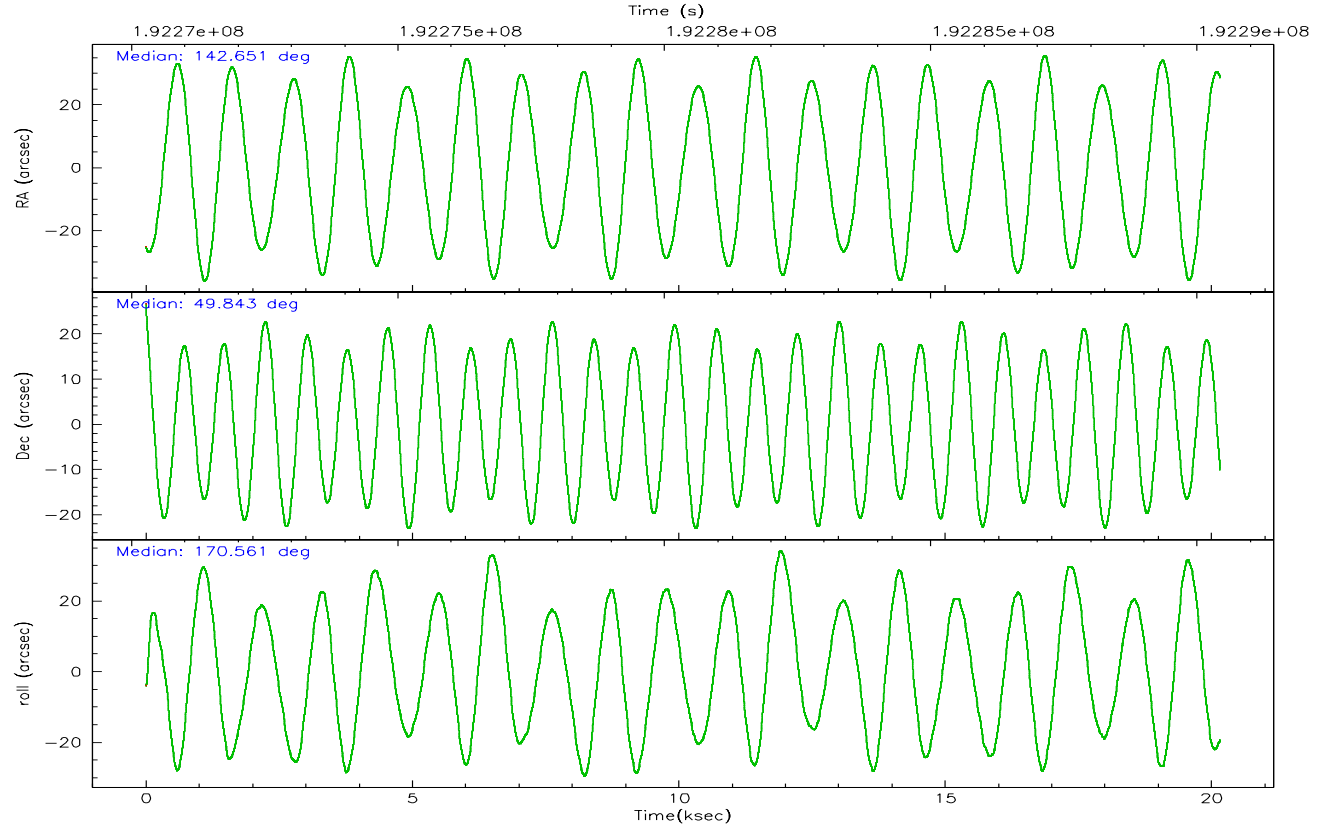
	segment 0
level 1 events	932696
rejected events	5751
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	142.690190	142.6512296276889			
Pointing Dec	49.852741	49.84264961561473			
Pointing Roll	170.632348	170.5666253249316			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	192270434.184000	192269596.96483			
Observation start date	2004-02-04T08:26:10	2004-02-04T08:13:16			
Observation end time	192290434.184000	192291289.55328			
Observation end date	2004-02-04T13:59:30	2004-02-04T14:14:49			

2.3 Aspect



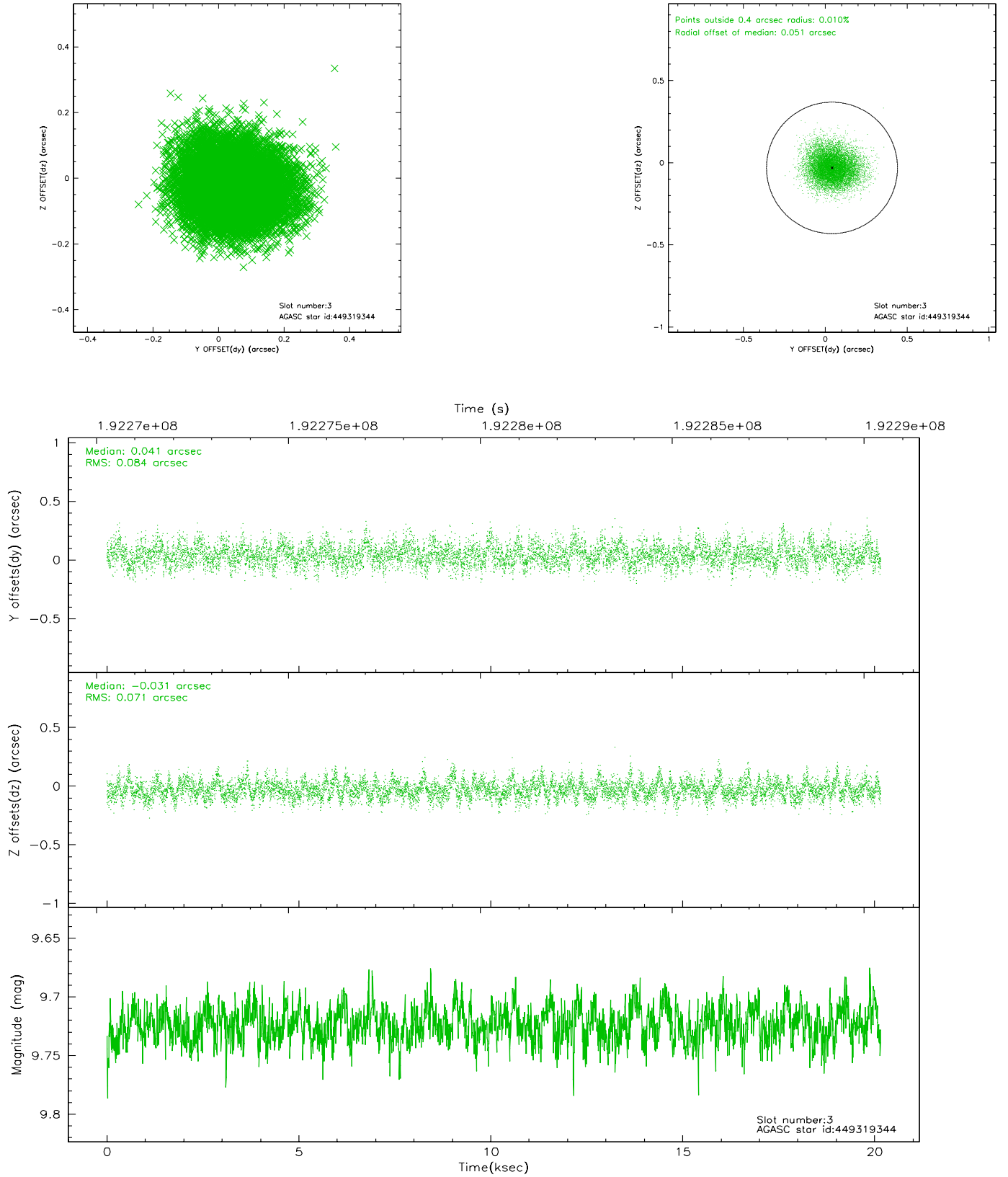


Slot Statistics

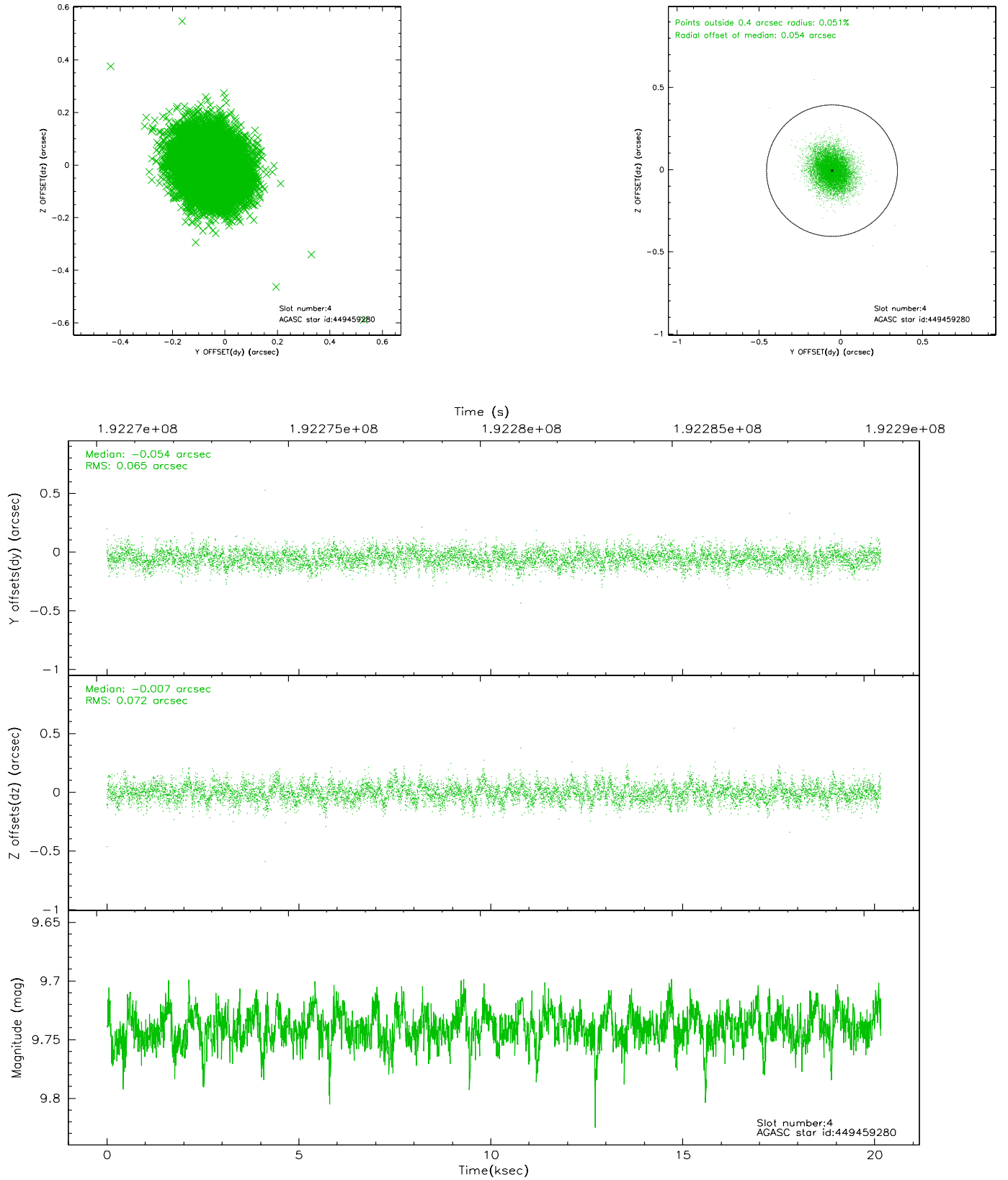
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	4918	0.086	-0.040	0.006	0.011	0.000000	0.000000	849.33	-1296.53
1	FID	HRC-I-3	7.06	4918	-0.064	0.016	0.006	0.009	0.000000	0.000000	-1191.72	1009.43
2	FID	HRC-I-4	6.99	4918	0.097	-0.062	0.006	0.010	0.000000	0.000000	1279.31	1007.38
3	GUIDE	449319344	9.72	9824	0.041	-0.031	0.118	0.191	141.844786	49.445107	1715.58	1759.43
4	GUIDE	449459280	9.74	9828	-0.054	-0.007	0.102	0.168	142.612767	49.715358	97.67	517.88
5	GUIDE	449840520	9.43	9827	0.022	0.005	0.101	0.171	142.853778	50.248225	-139.41	-1466.07
6	GUIDE	449840872	9.37	9833	-0.034	-0.028	0.097	0.157	143.180580	50.144666	-944.22	-1224.73
7	GUIDE	449708184	9.05	9831	0.024	0.061	0.083	0.140	142.229315	50.059153	1172.76	-562.73

2.4 Star Slots

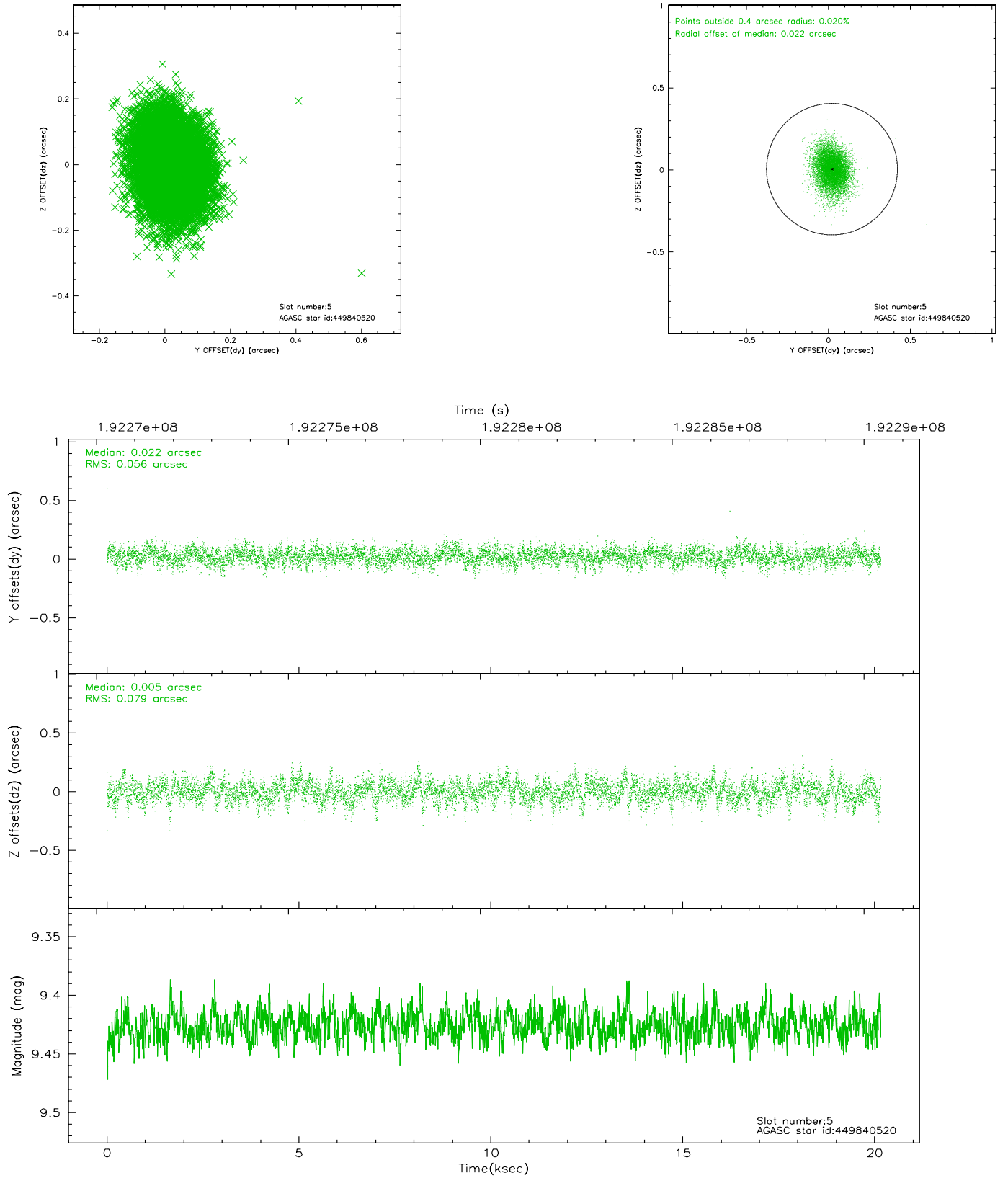
2.4.1 Slot 3



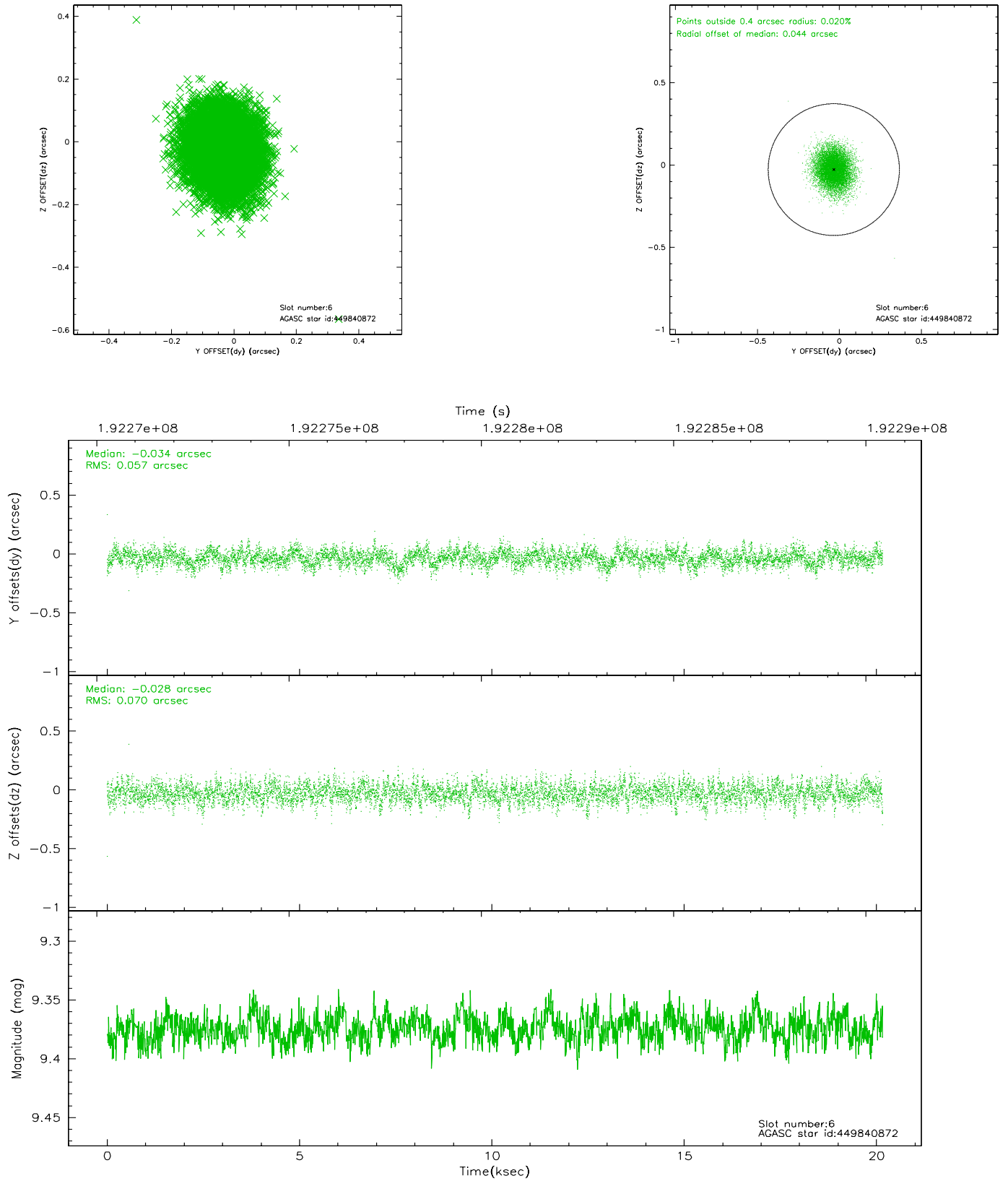
2.4.2 Slot 4



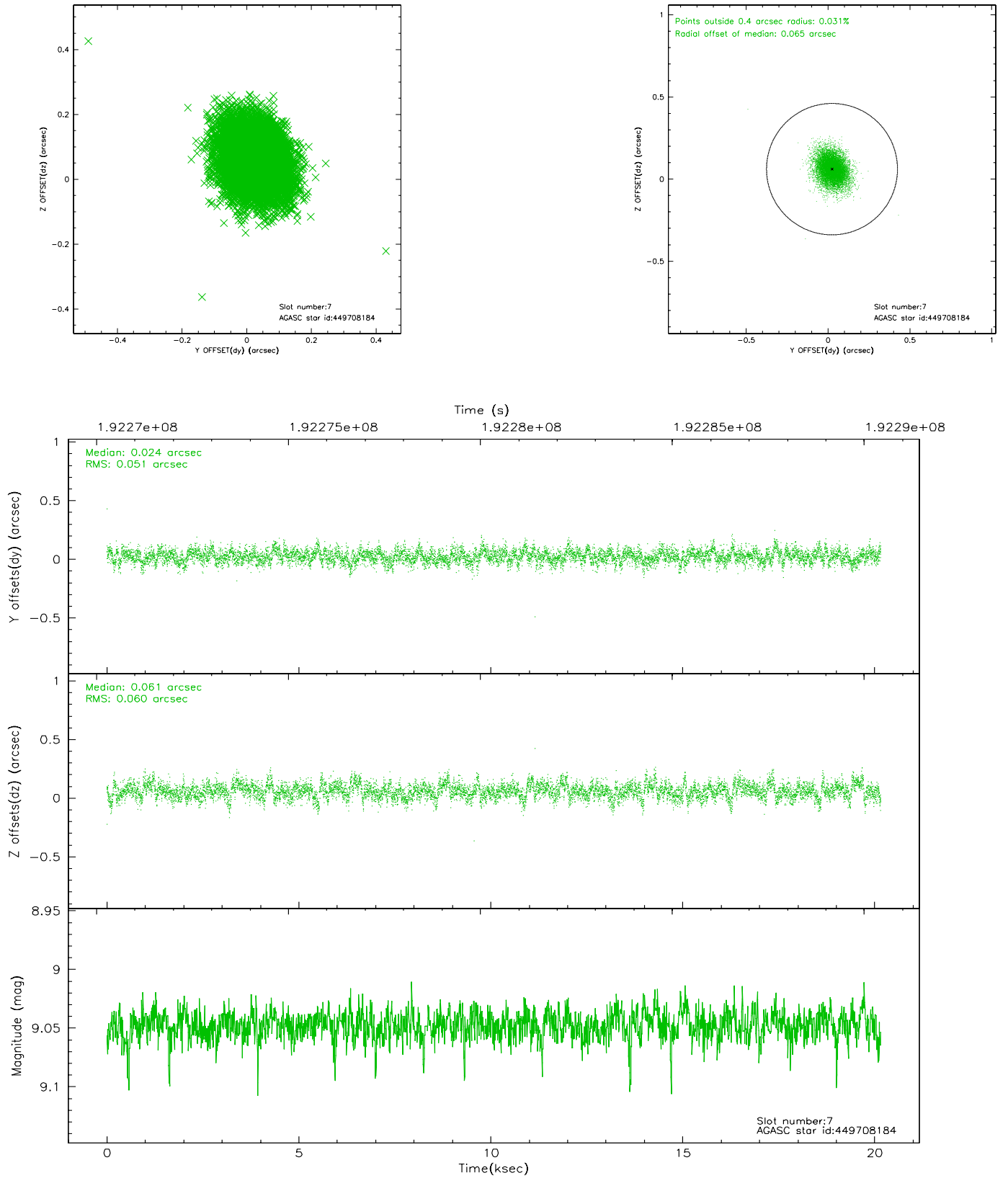
2.4.3 Slot 5



2.4.4 Slot 6

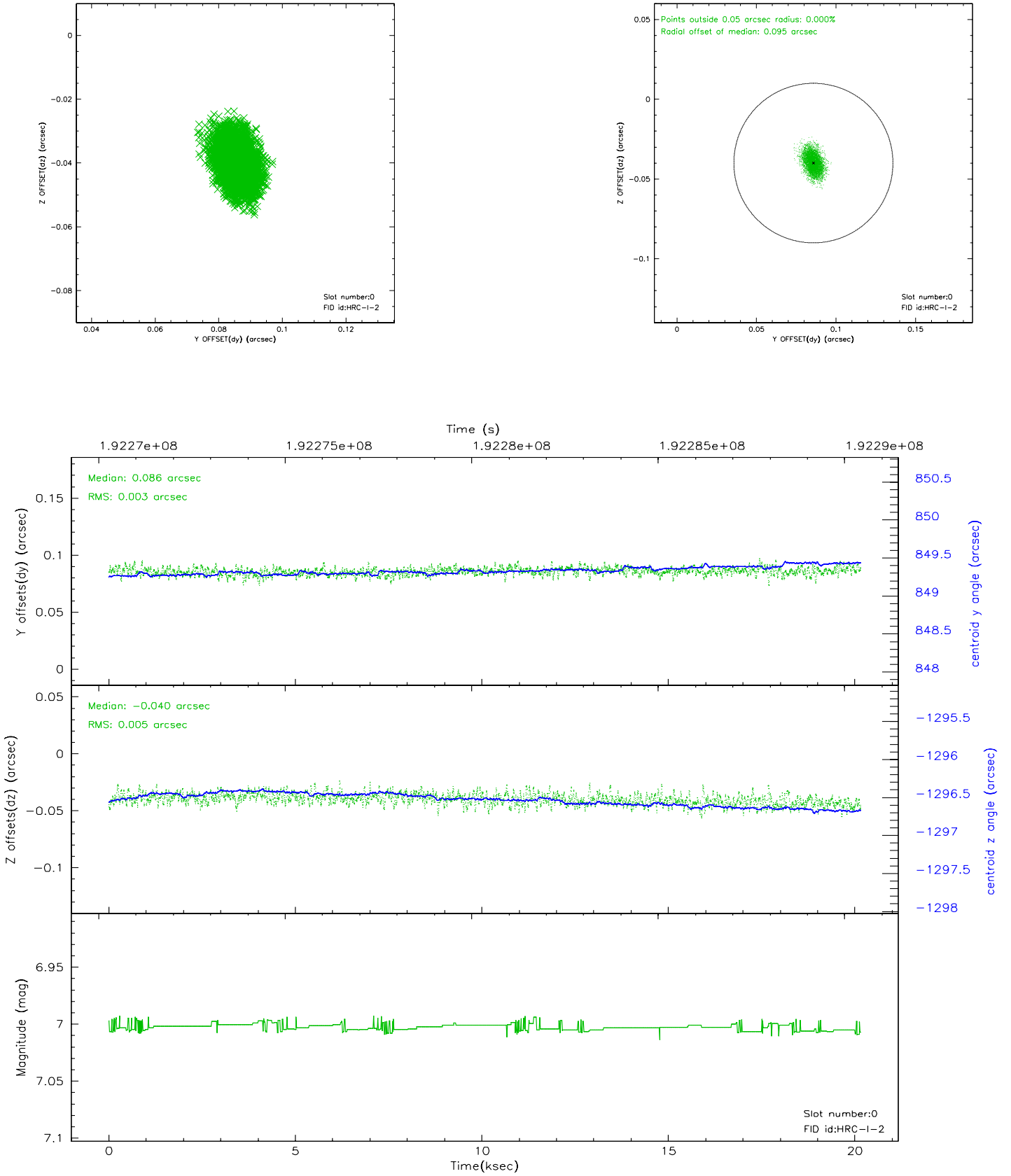


2.4.5 Slot 7

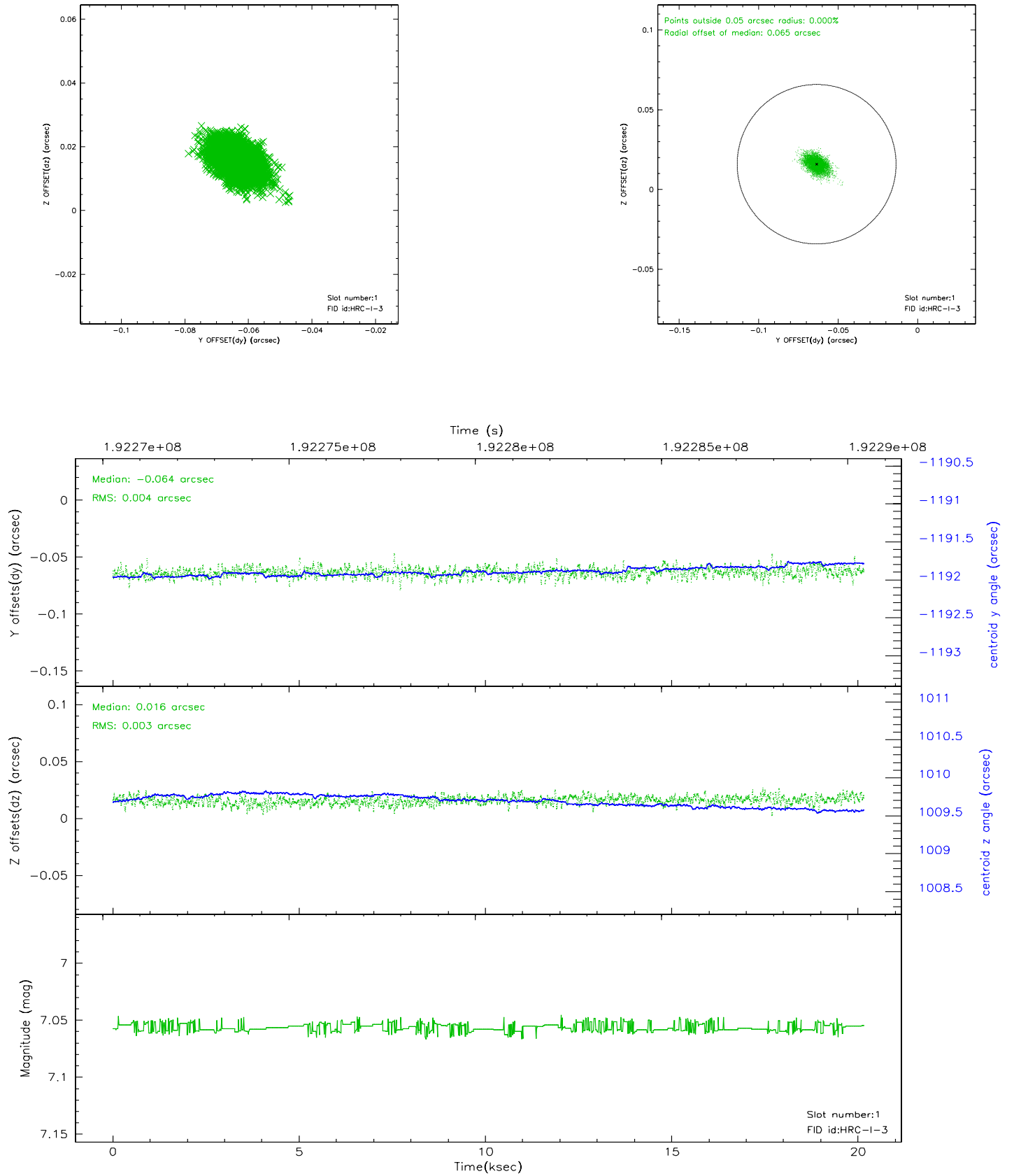


2.5 FID Slots

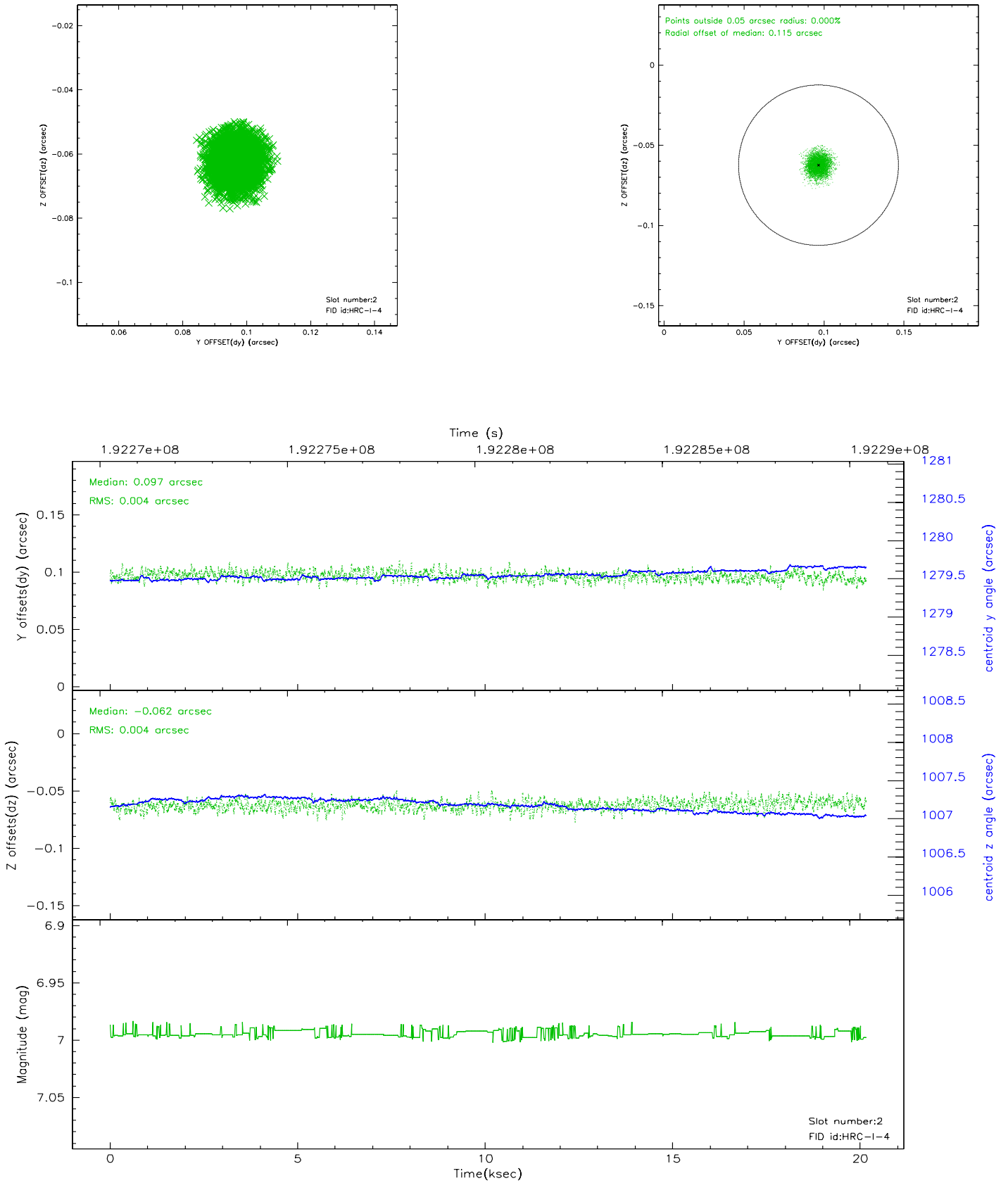
2.5.1 Slot 0



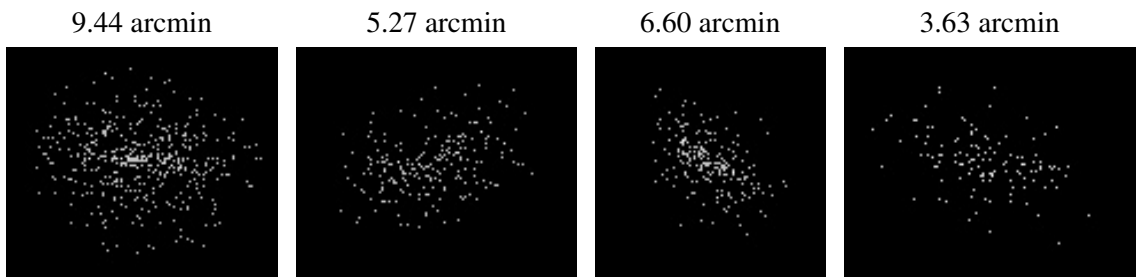
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.871

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at:

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.