

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6270 - L2 Version 3
Chandra X-Ray Center

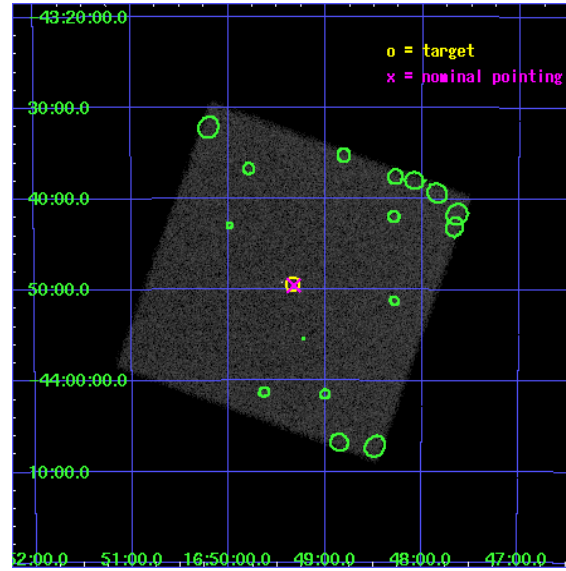
L2 Processing Date : Nov 24 2007

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1 Front

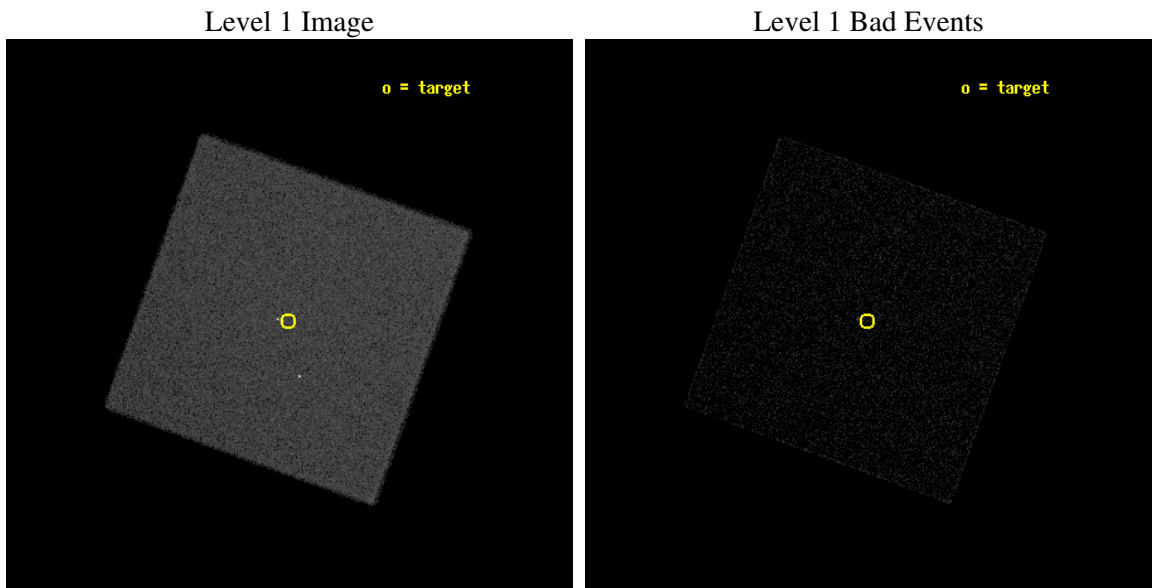
seq_num	500602
obs_id	6270
title	High-energy emission from PSR J1649-4349?
observer	Dr Mariano Mendez
object	PSR J1649-4349
ra_targ	252.335
dec_targ	-43.822833
ra_nom	252.33114073125
dec_nom	-43.825660201142
roll_nom	244.8384271299
revision	3
ontime	4183.2814427614
livetime	4152.2013392087
l2events	170005



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	2007-11-24T20:50:13
revision	3

sched_exp_time	4000.000000
ontime	4183.2814427614
l1events	348275

2.1.3 Events

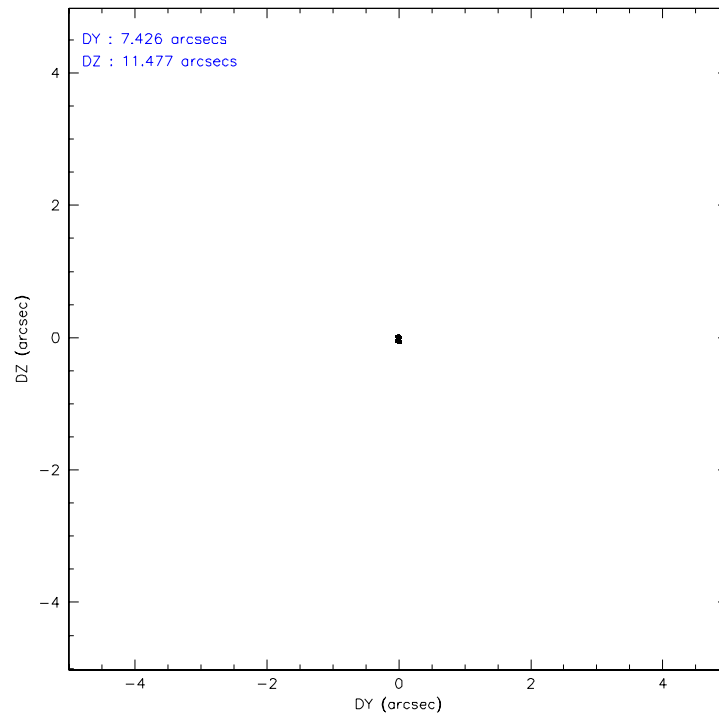
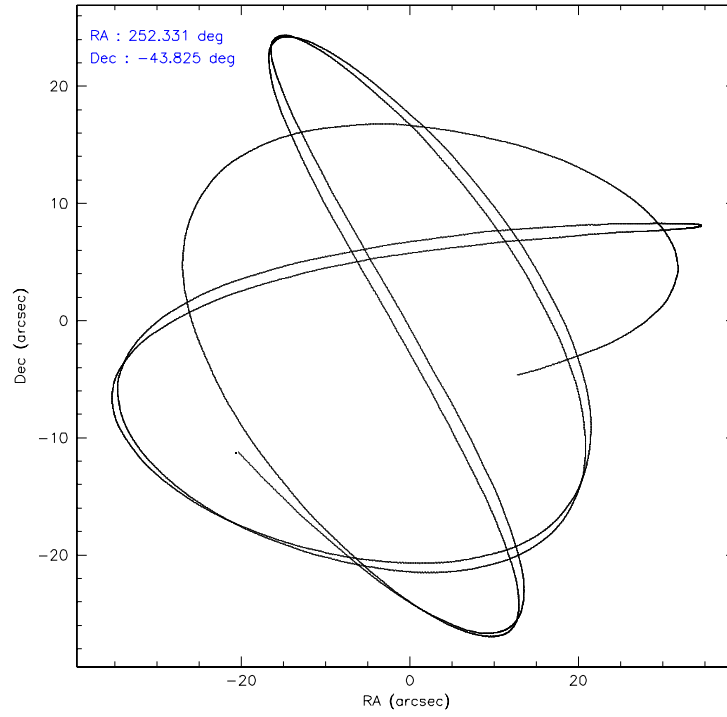
Level 1 Events

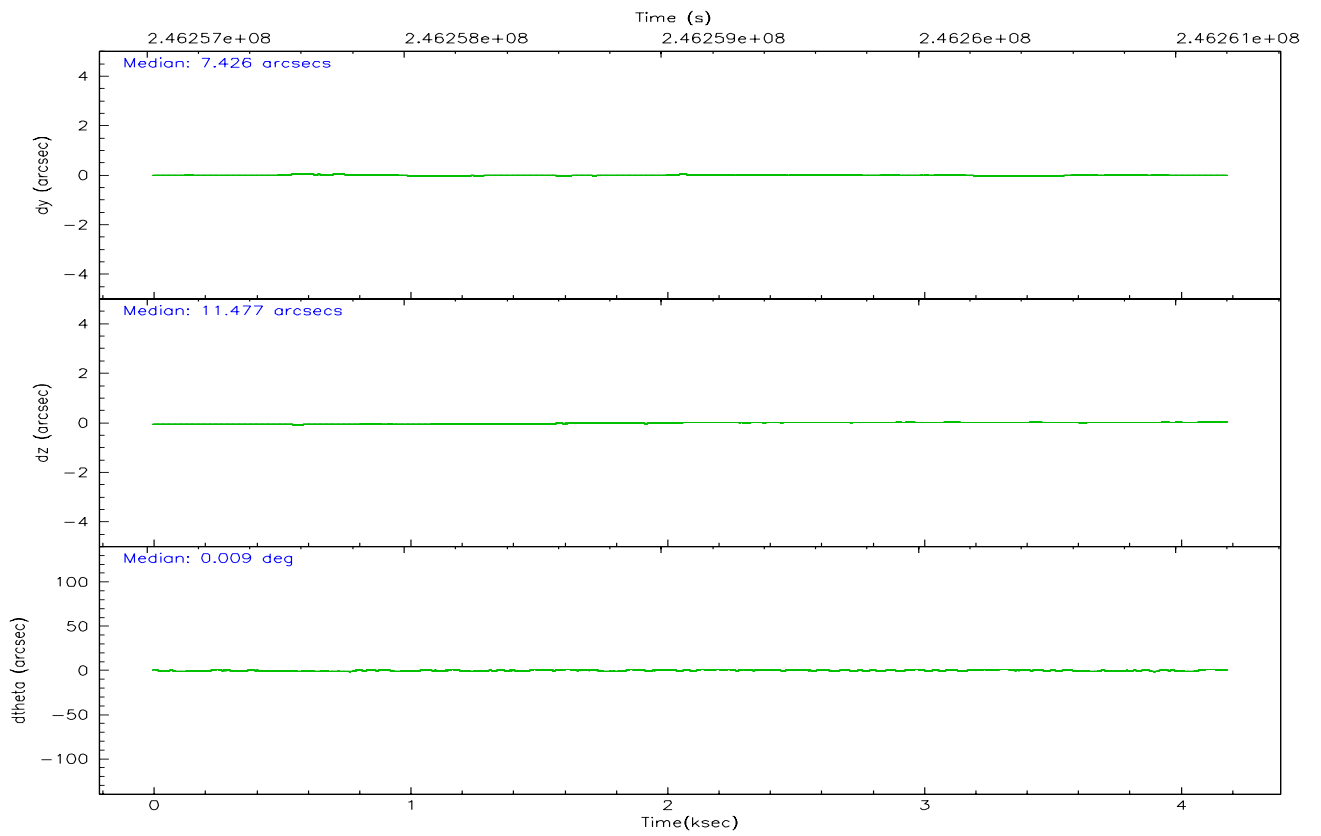
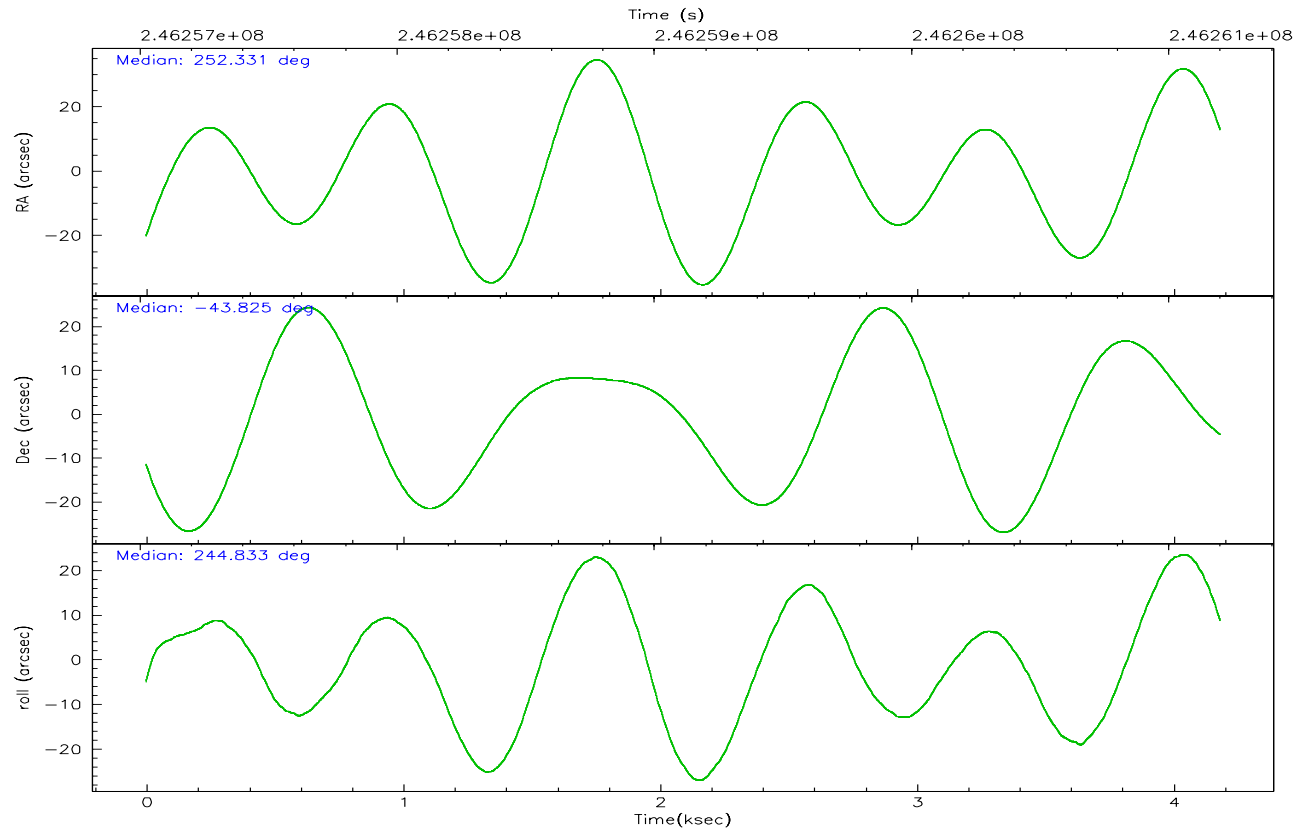
	segment 0
level 1 events	348275
rejected events	96317
rejected %	27%

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	252.326674	252.3311407312538			
Pointing Dec	-43.798685	-43.82566020114162			
Pointing Roll	244.930829	244.8384271298998			
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	246257203.184000	246256403.7168			
Observation start date	2005-10-21T04:45:39	2005-10-21T04:33:23			
Observation end time	246261203.184000	246262174.97957			
Observation end date	2005-10-21T05:52:19	2005-10-21T06:09:34			

2.3 Aspect



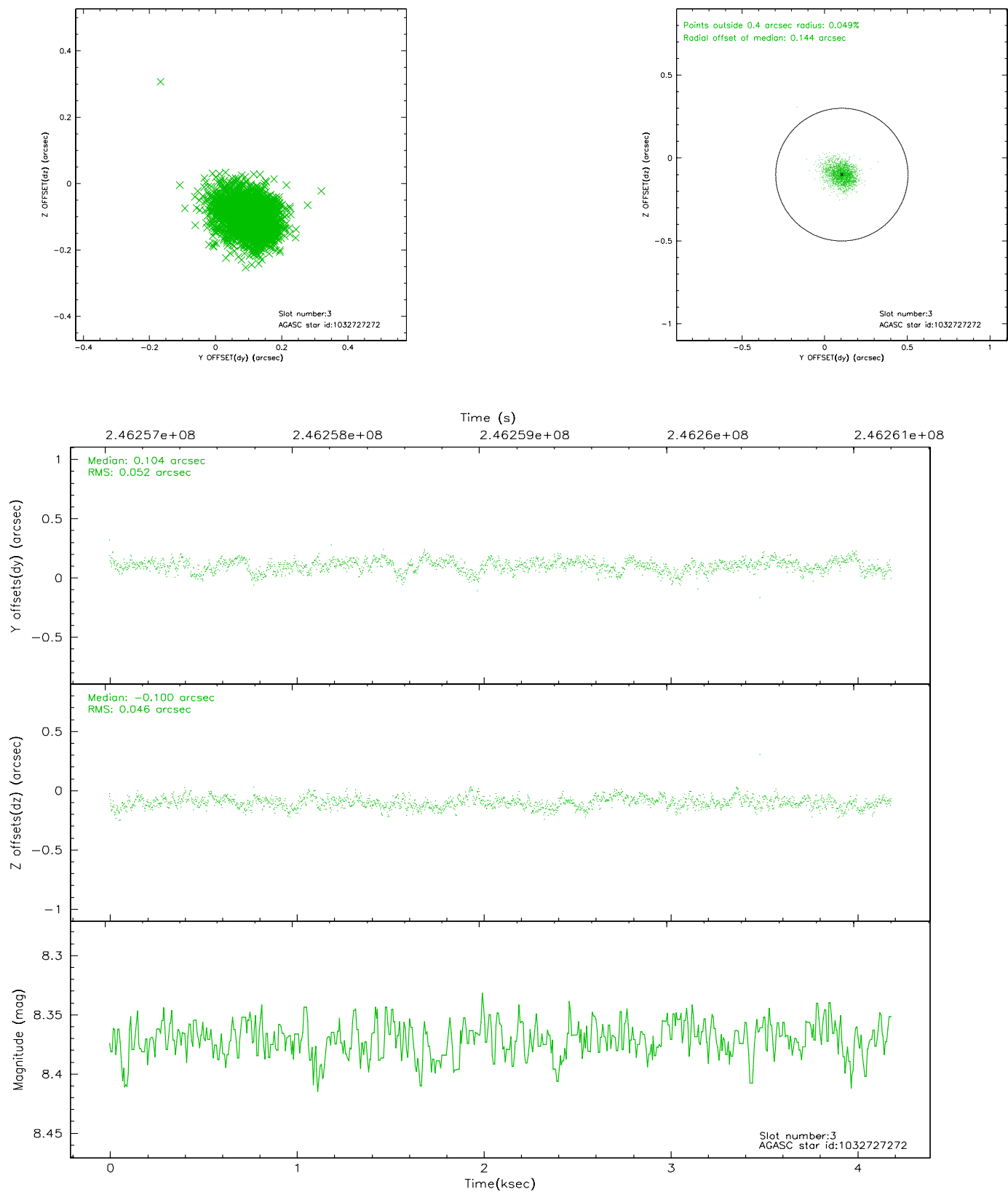


Slot Statistics

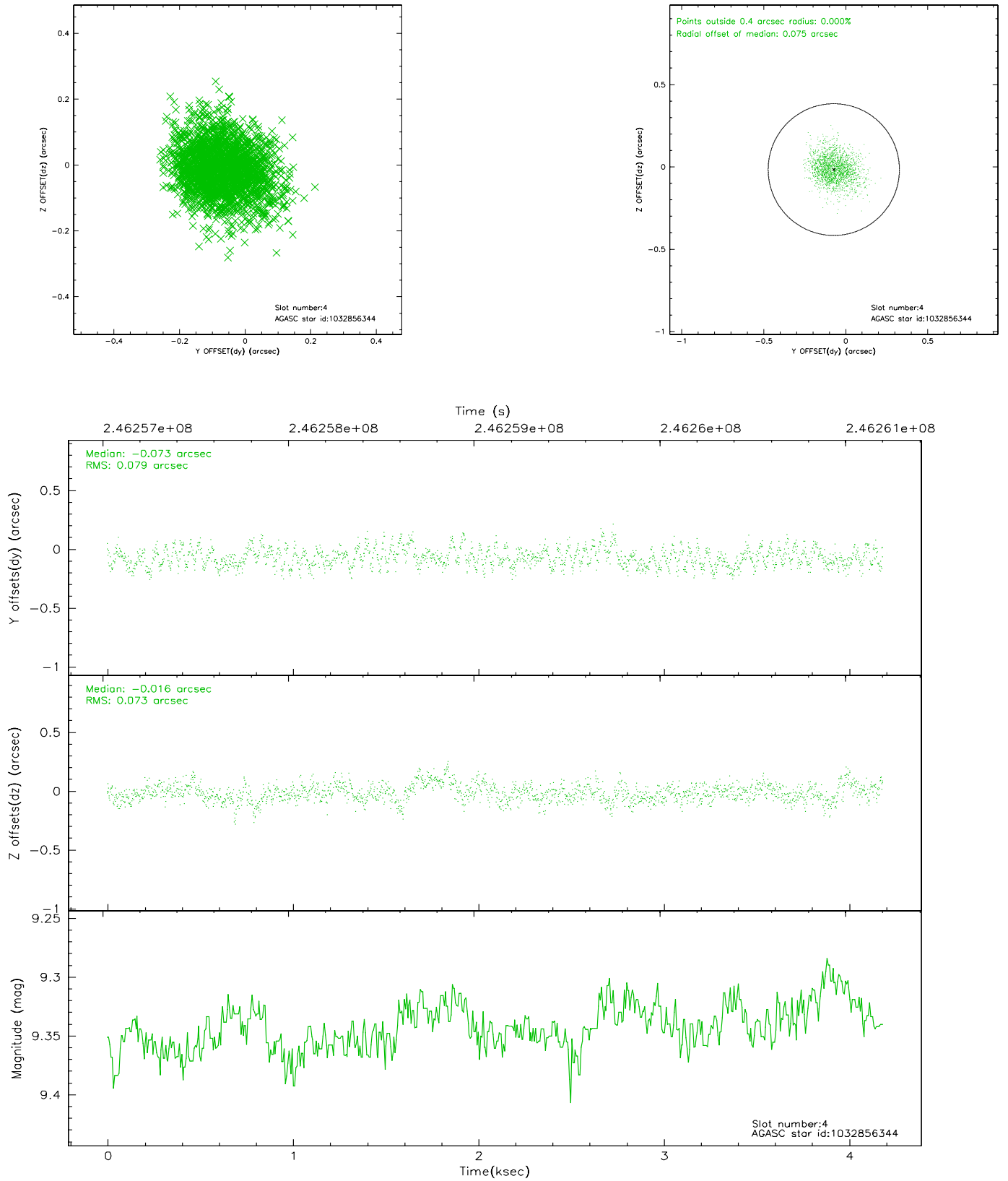
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1021	-0.007	0.005	0.007	0.012	0.000000	0.000000	-763.03	-1299.43
1	FID	HRC-I-2	7.03	1021	0.123	-0.080	0.006	0.010	0.000000	0.000000	848.99	-1302.36
2	FID	HRC-I-3	7.08	1021	0.003	-0.015	0.006	0.012	0.000000	0.000000	-1190.66	1003.84
3	GUIDE	1032727272	8.37	2042	0.104	-0.100	0.072	0.119	251.947645	-43.938369	874.70	-676.85
4	GUIDE	1032856344	9.34	2041	-0.073	-0.016	0.114	0.187	253.308302	-43.749430	-1227.87	2242.19
5	GUIDE	1032867928	8.36	2042	-0.148	0.026	0.070	0.120	253.057857	-43.542782	-1635.54	1341.51
6	GUIDE	1032868824	9.19	2042	-0.032	-0.019	0.091	0.147	252.602108	-44.023242	431.12	988.87
7	GUIDE	1032873592	9.14	2040	0.153	0.105	0.086	0.140	252.929000	-43.405456	-1943.76	829.11

2.4 Star Slots

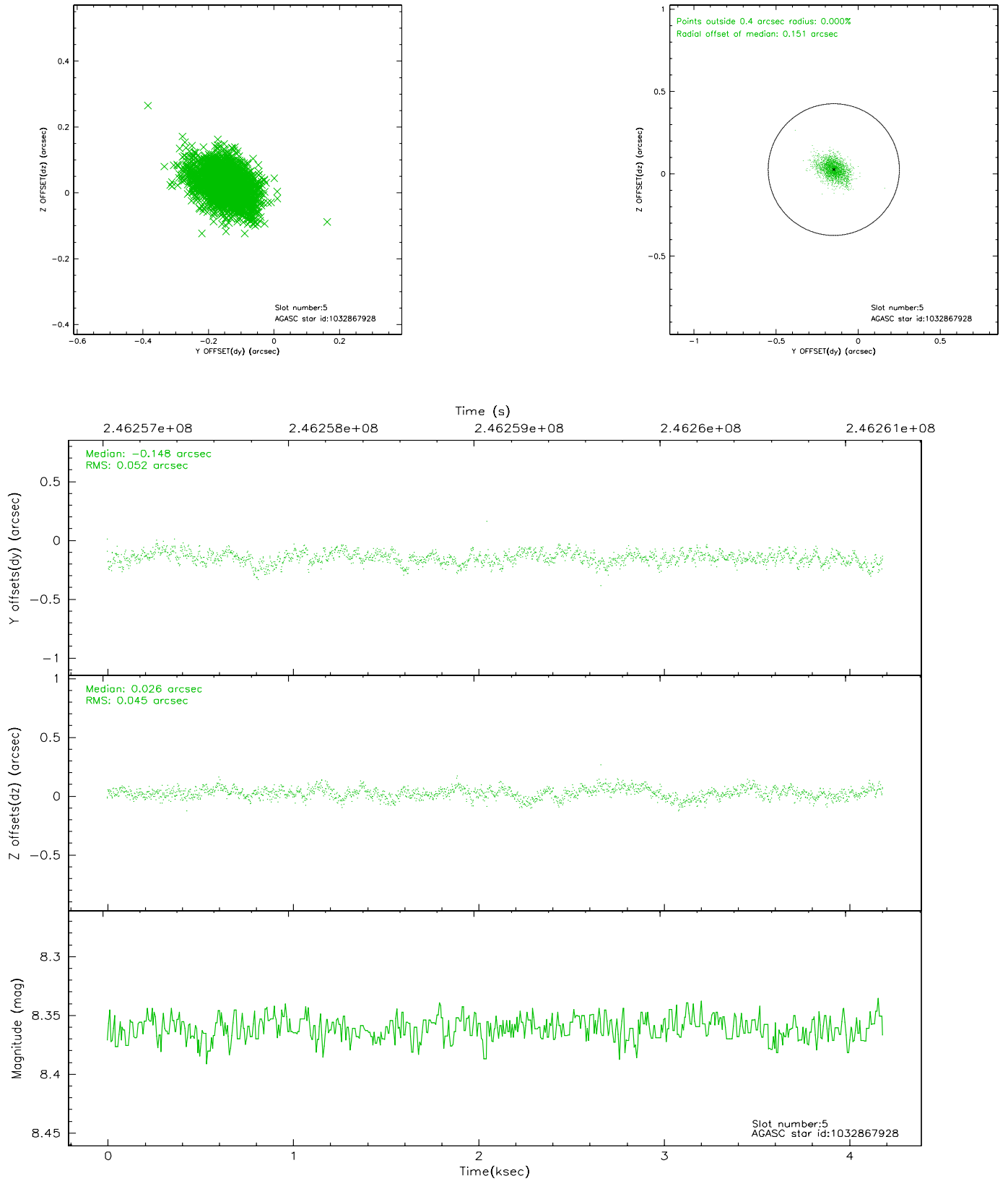
2.4.1 Slot 3



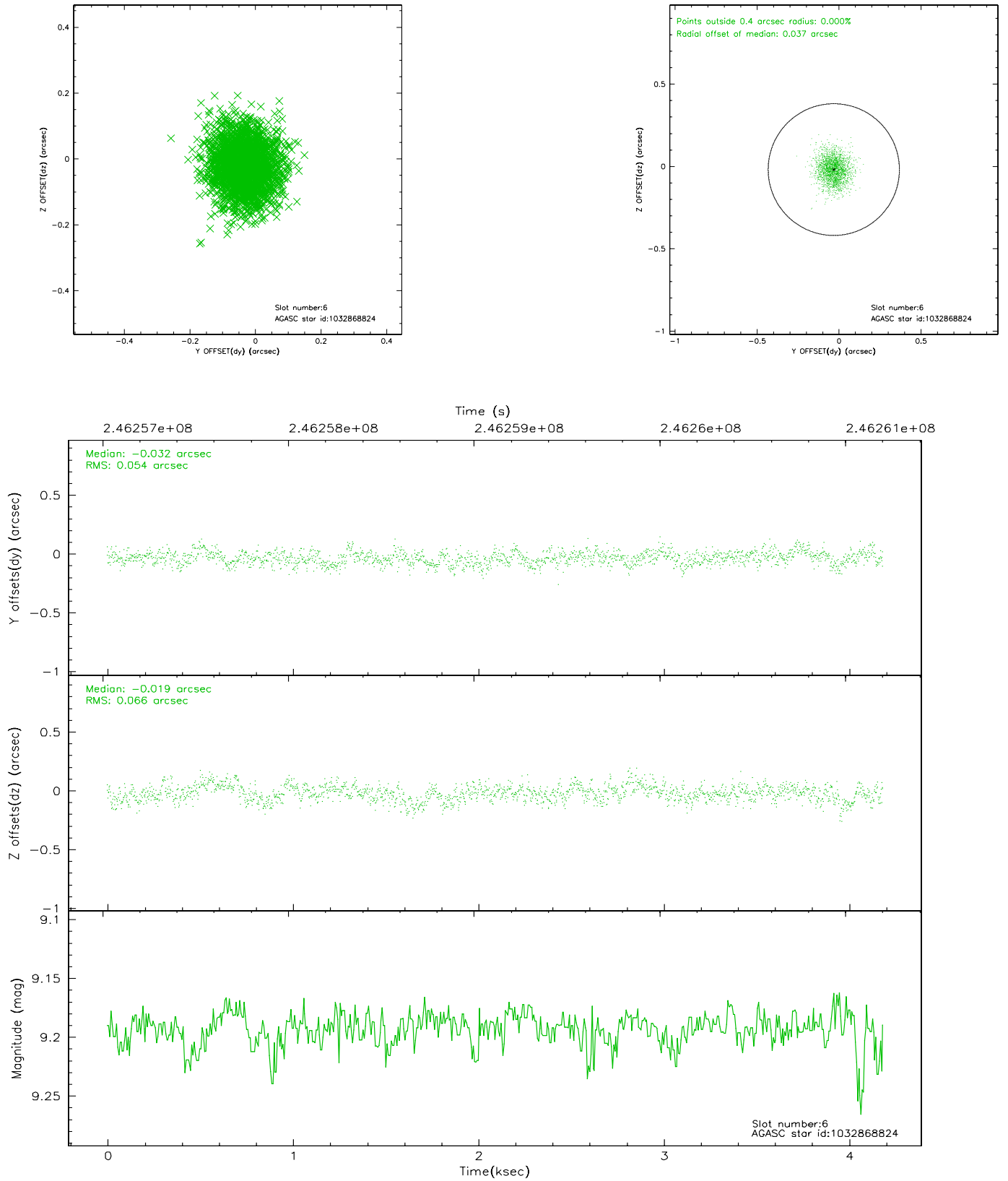
2.4.2 Slot 4



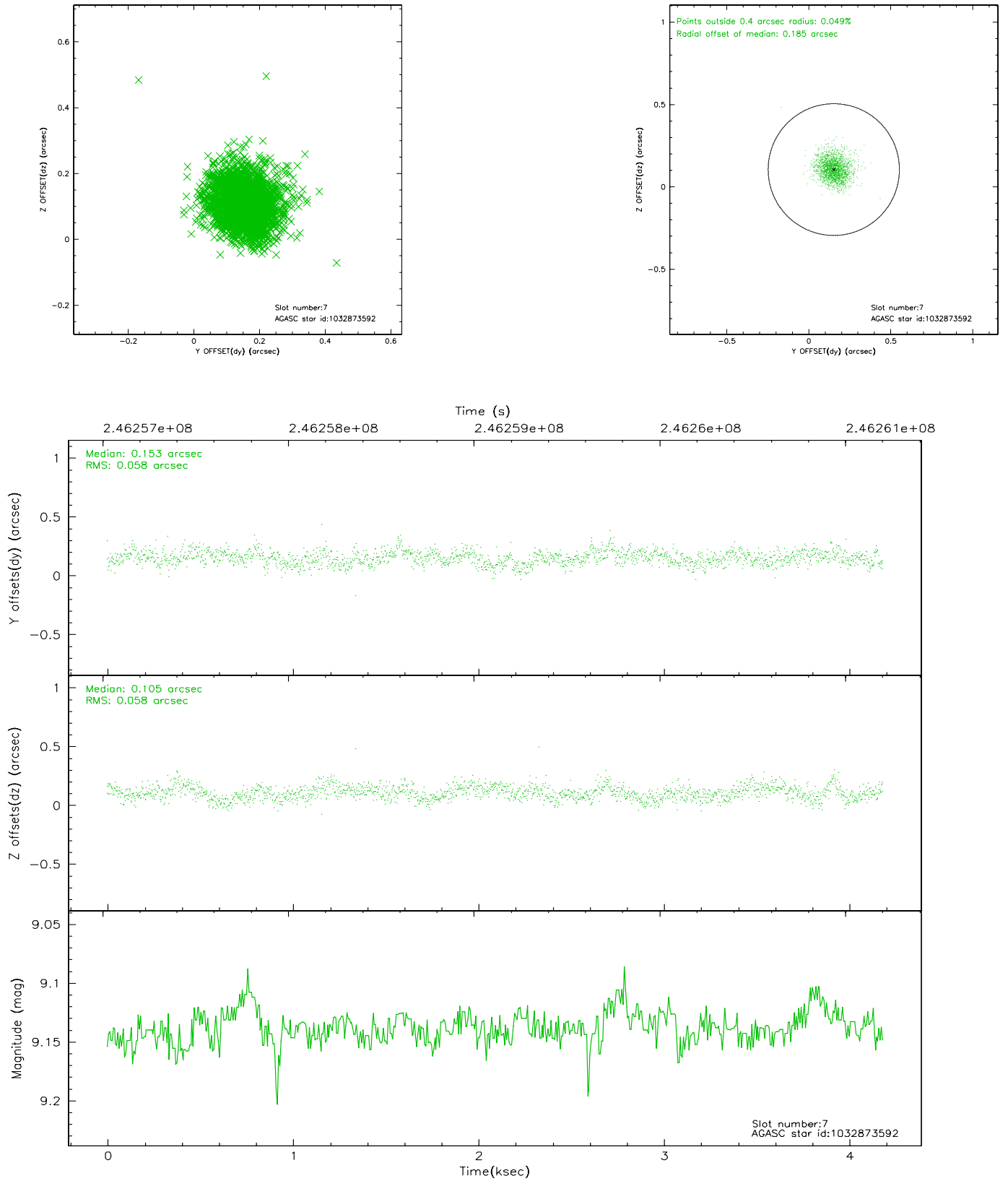
2.4.3 Slot 5



2.4.4 Slot 6

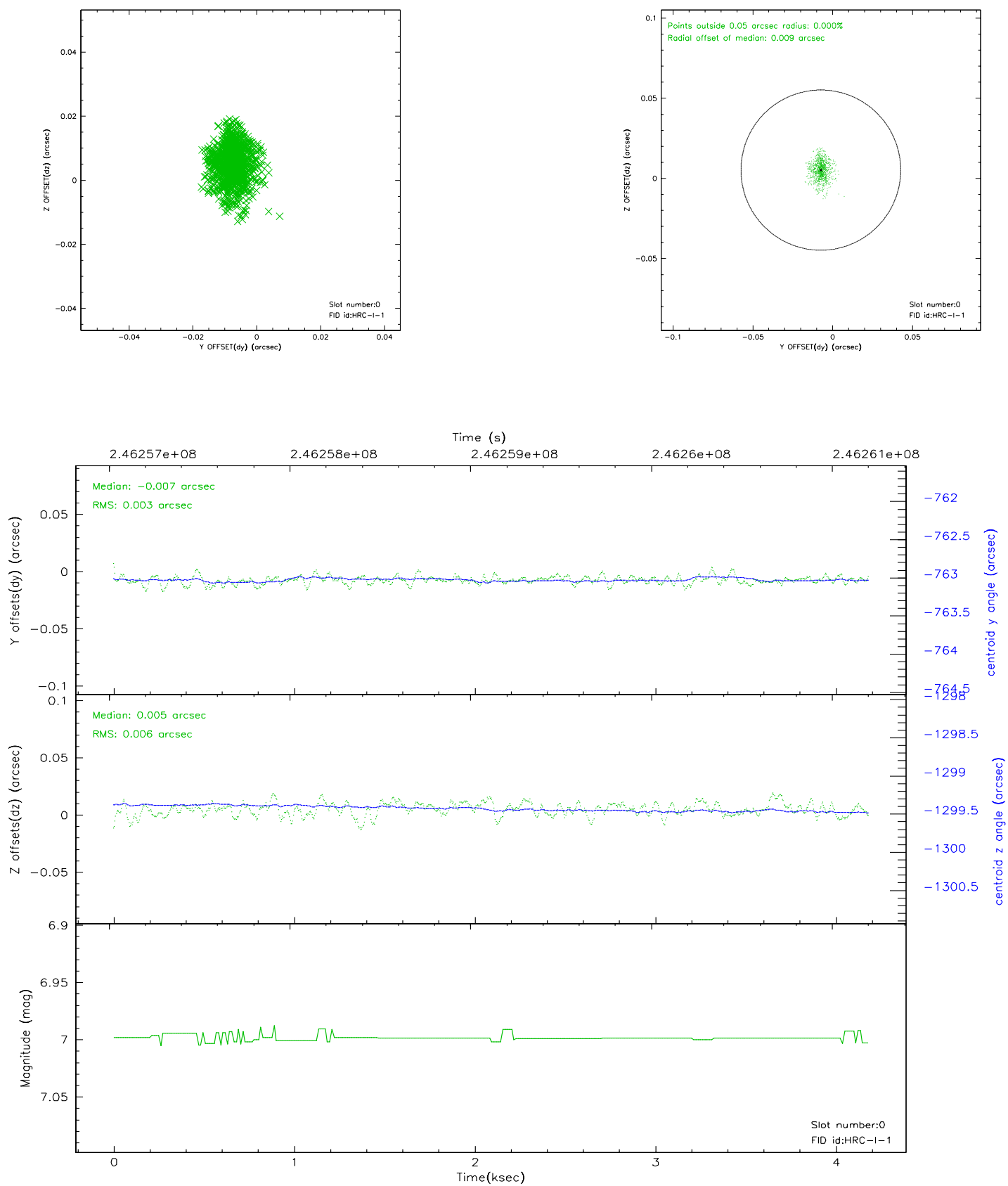


2.4.5 Slot 7

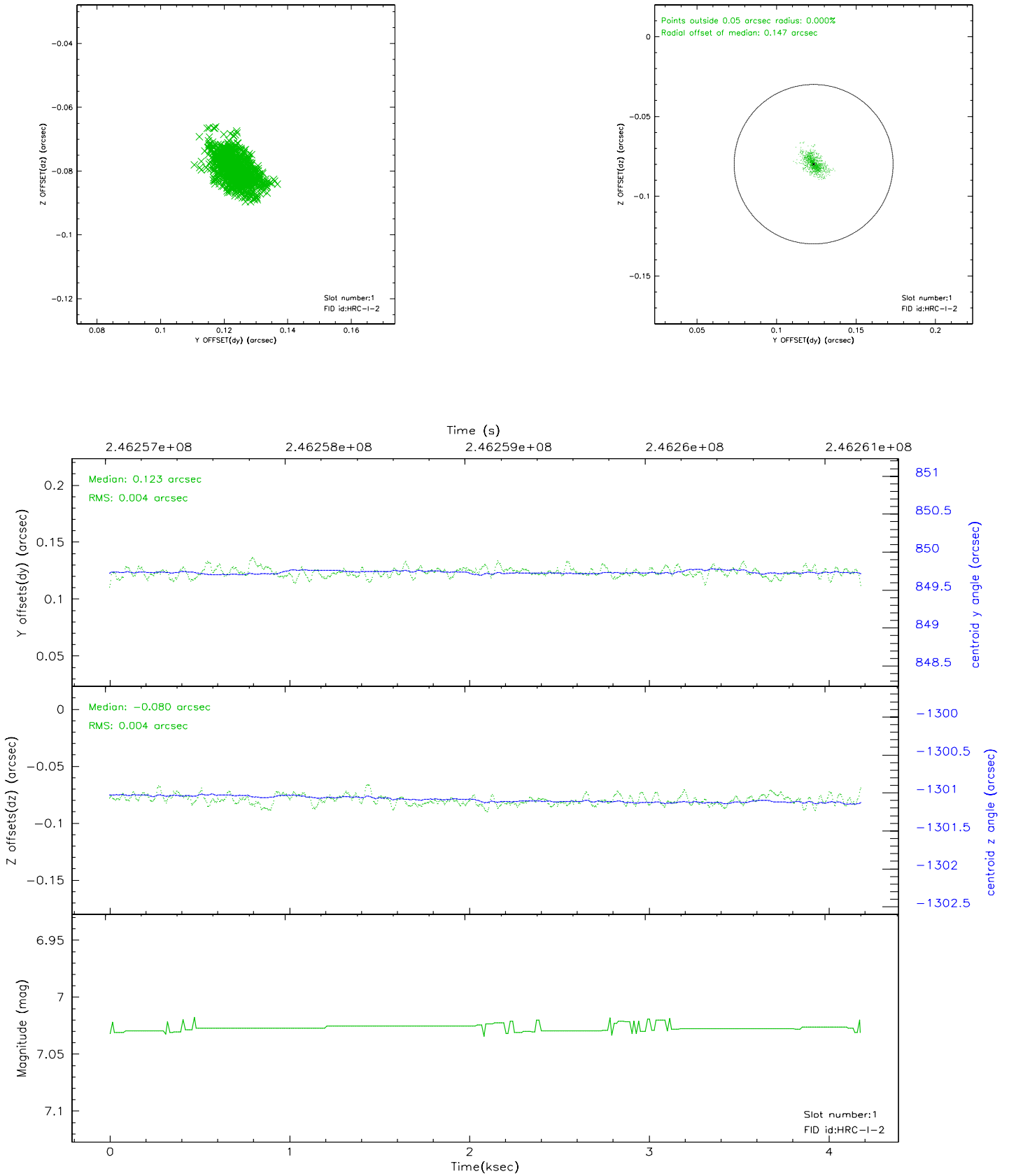


2.5 FID Slots

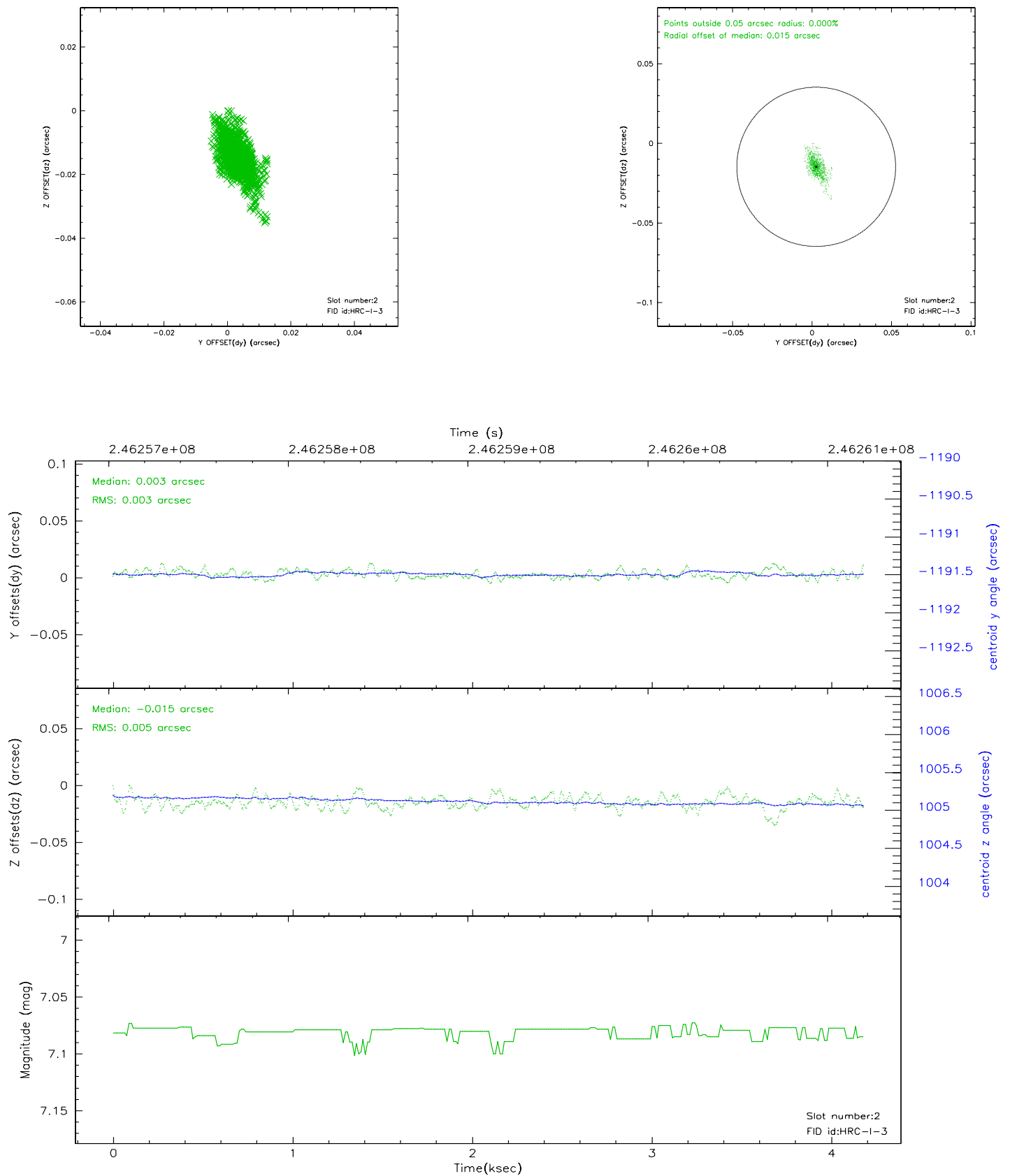
2.5.1 Slot 0



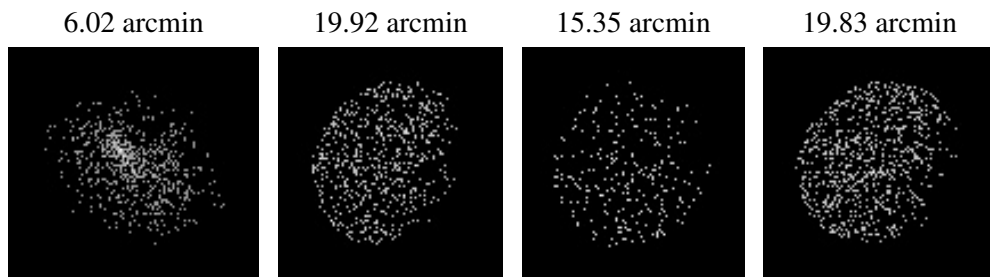
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.183281

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.