

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4848 - L2 Version 3
Chandra X-Ray Center

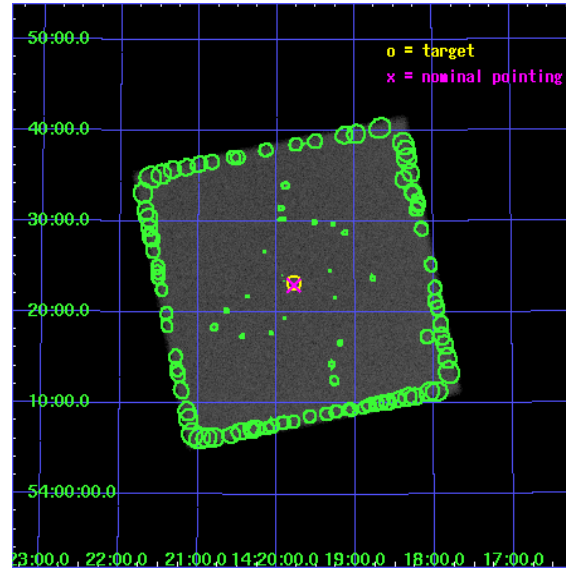
L2 Processing Date : Nov 23 2007

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1 Front

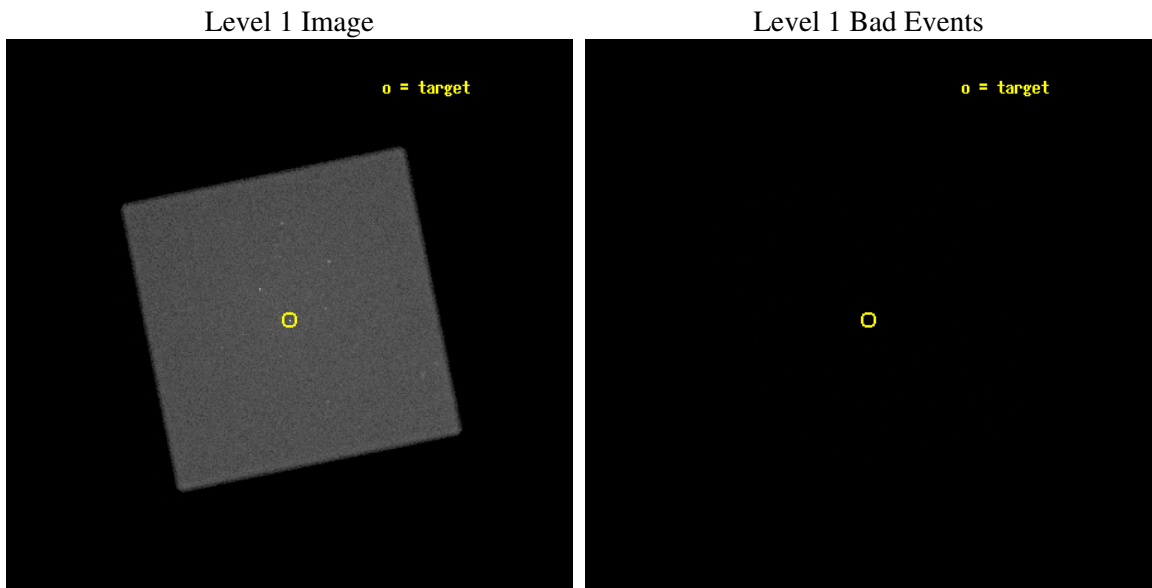
seq_num	700930
obs_id	4848
title	EXTENDED EMISSION AND ACCRETION RATES IN BL LACERTAE OBJECTS
observer	Dr. Rita Sambruna
object	PG 1418+546
ra_targ	214.944167
dec_targ	54.387444
ra_nom	214.94545653769
dec_nom	54.383380997446
roll_nom	303.45772725527
revision	3
ontime	20160.469649255
livetime	20018.0973559
l2events	775352



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	2007-11-24T00:17:03
revision	3

sched_exp_time	20000.000000
ontime	20160.469649255
l1events	1198820

2.1.3 Events

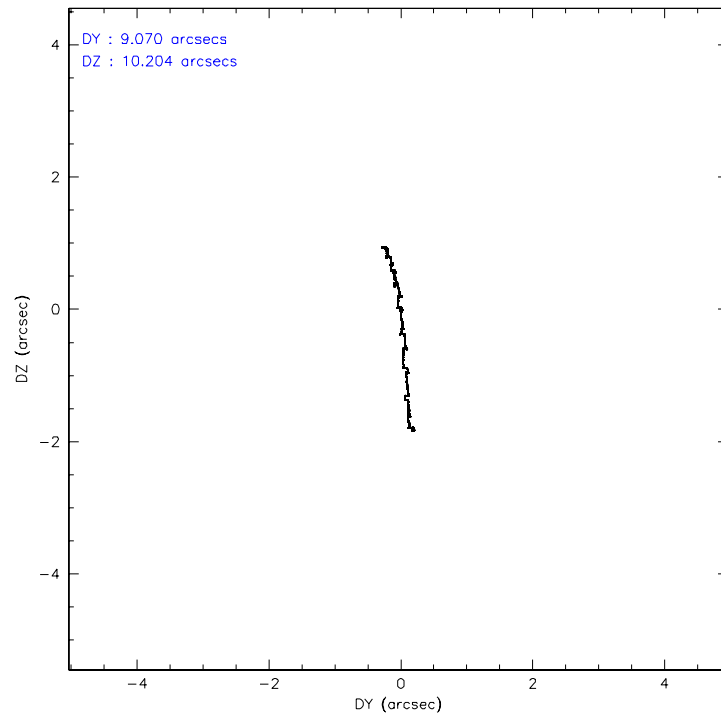
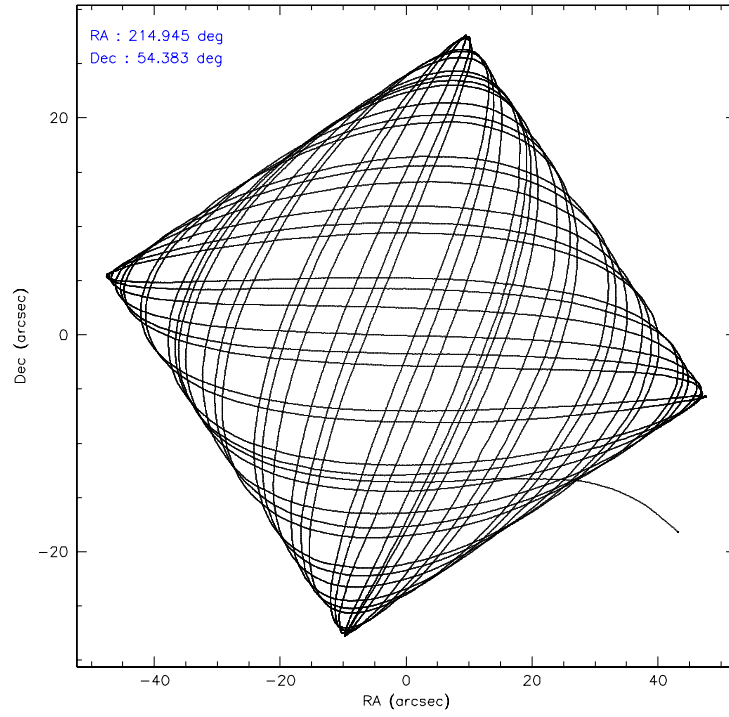
Level 1 Events

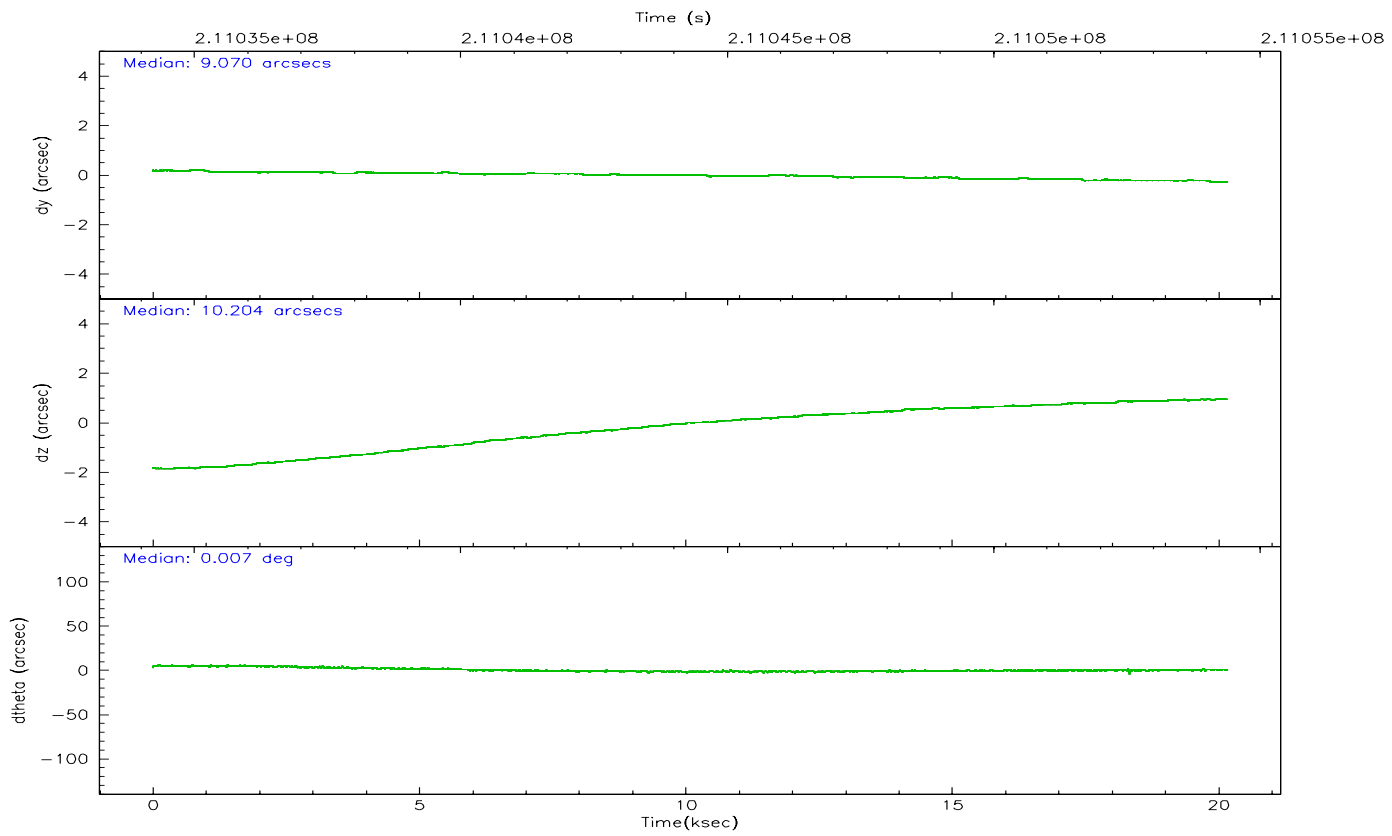
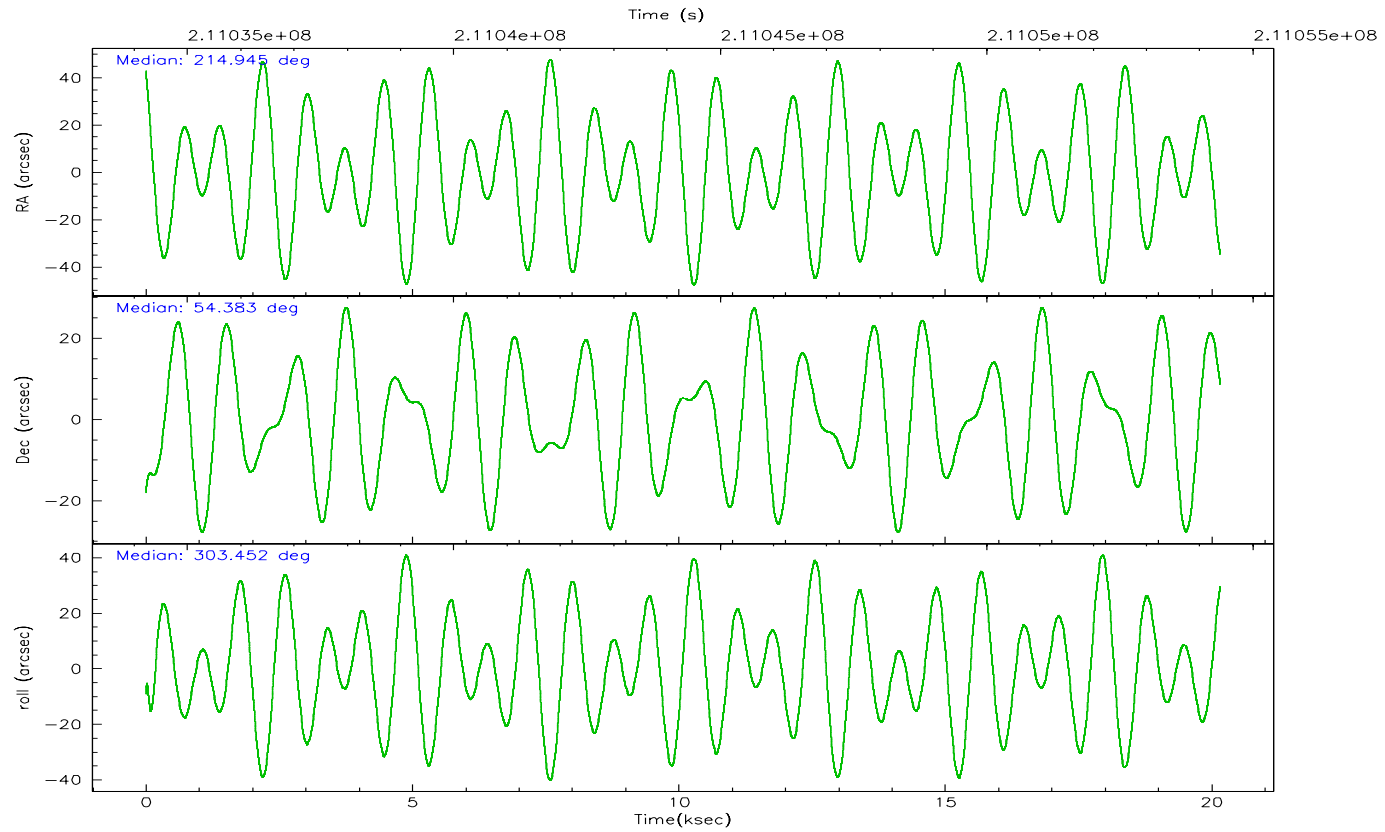
	segment 0
level 1 events	1198820
rejected events	52737
rejected %	4%

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	214.903382	214.9454565376869			
Pointing Dec	54.394892	54.38338099744644			
Pointing Roll	303.587400	303.4577272552672			
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	211034382.184000	211033279.05599			
Observation start date	2004-09-08T12:38:38	2004-09-08T12:21:19			
Observation end time	211054382.184000	211054596.49445			
Observation end date	2004-09-08T18:11:58	2004-09-08T18:16:36			

2.3 Aspect



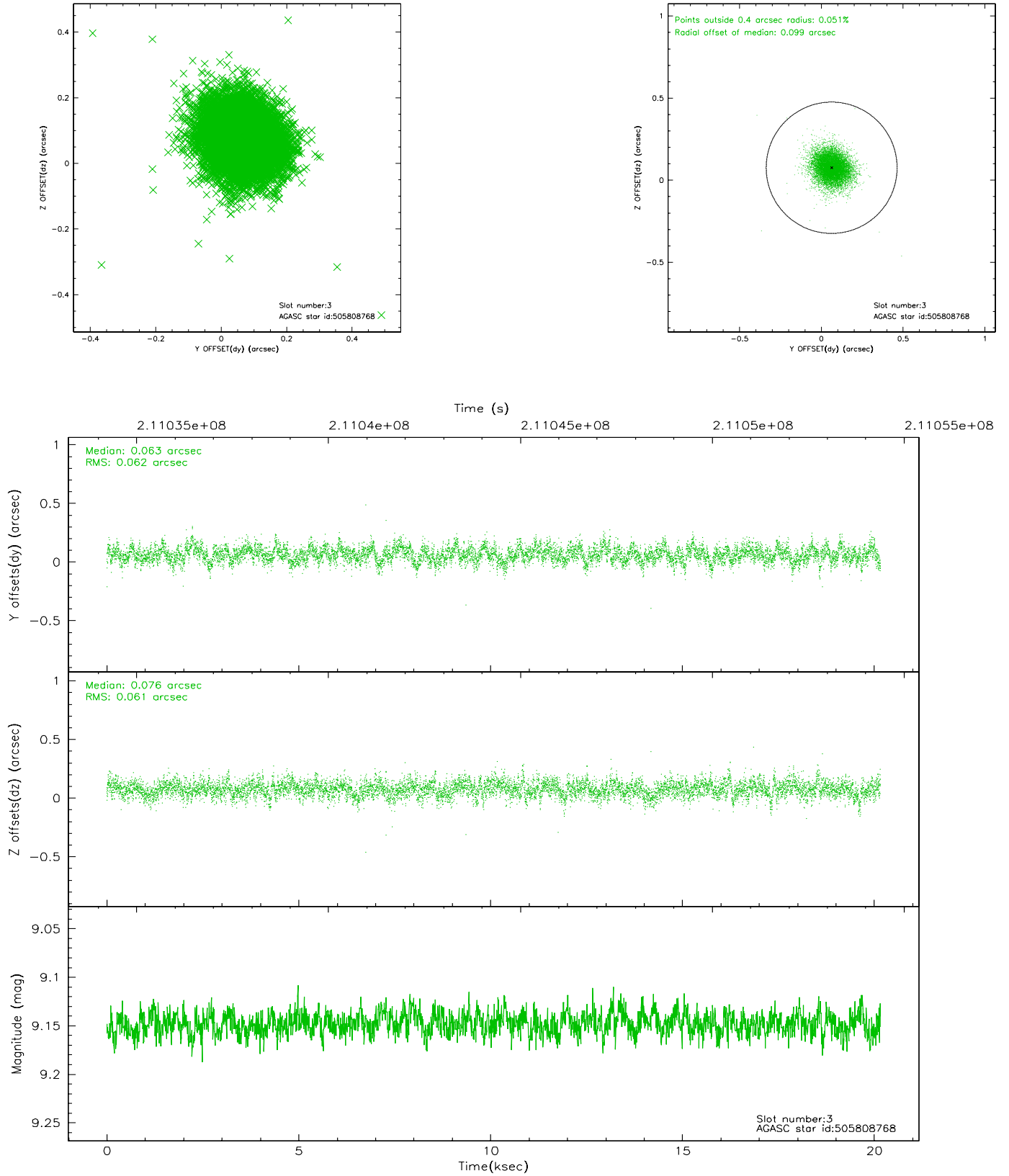


Slot Statistics

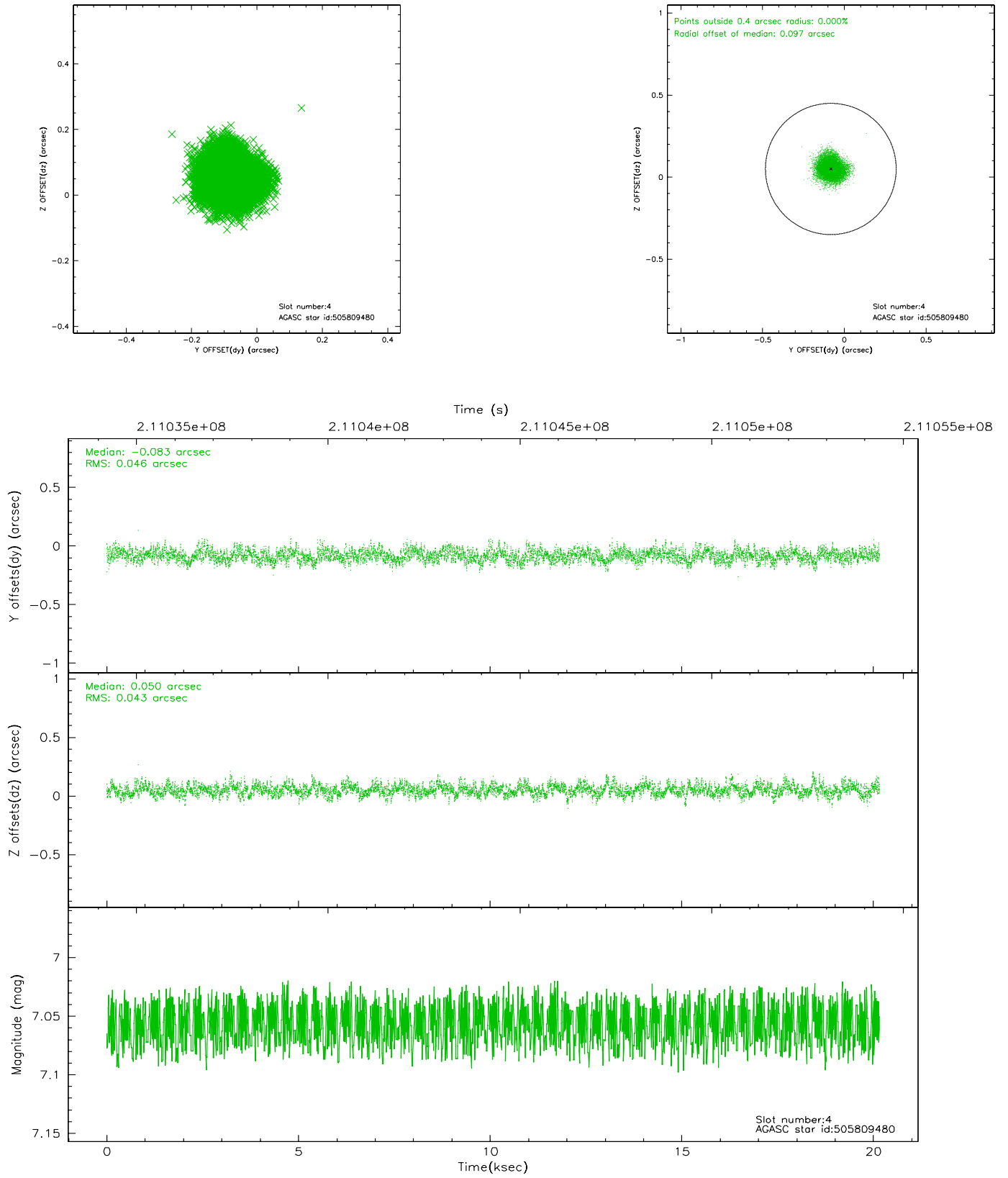
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	4918	0.066	-0.046	0.015	0.044	0.000000	0.000000	848.04	-1299.52
1	FID	HRC-I-3	7.06	4917	-0.041	-0.002	0.014	0.039	0.000000	0.000000	-1193.06	1006.37
2	FID	HRC-I-4	7.00	4917	0.093	-0.039	0.011	0.017	0.000000	0.000000	1277.94	1004.44
3	GUIDE	505808768	9.15	9827	0.063	0.076	0.091	0.151	215.134825	54.676831	-579.69	963.50
4	GUIDE	505809480	7.06	9835	-0.083	0.050	0.067	0.106	214.265638	54.542866	-1185.50	-811.81
5	GUIDE	505809688	6.86	9835	-0.152	-0.170	0.079	0.129	214.732961	54.863763	-1601.79	639.86
6	GUIDE	505810968	9.36	9813	0.165	0.024	0.095	0.158	215.076643	54.505214	-130.21	521.96
7	GUIDE	505808256	7.78	9831	0.002	0.019	0.064	0.104	213.522404	54.637471	-2342.16	-1897.86

2.4 Star Slots

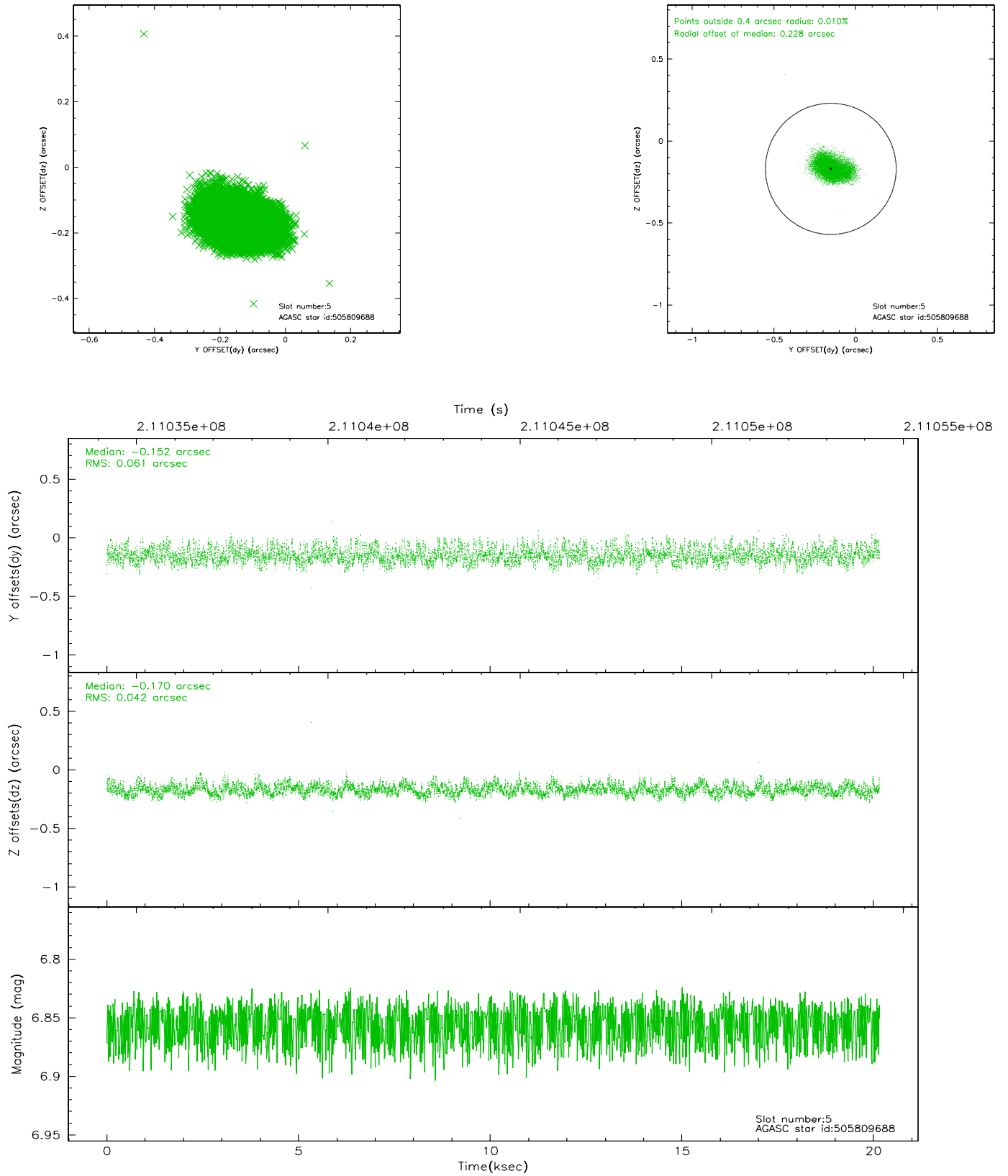
2.4.1 Slot 3



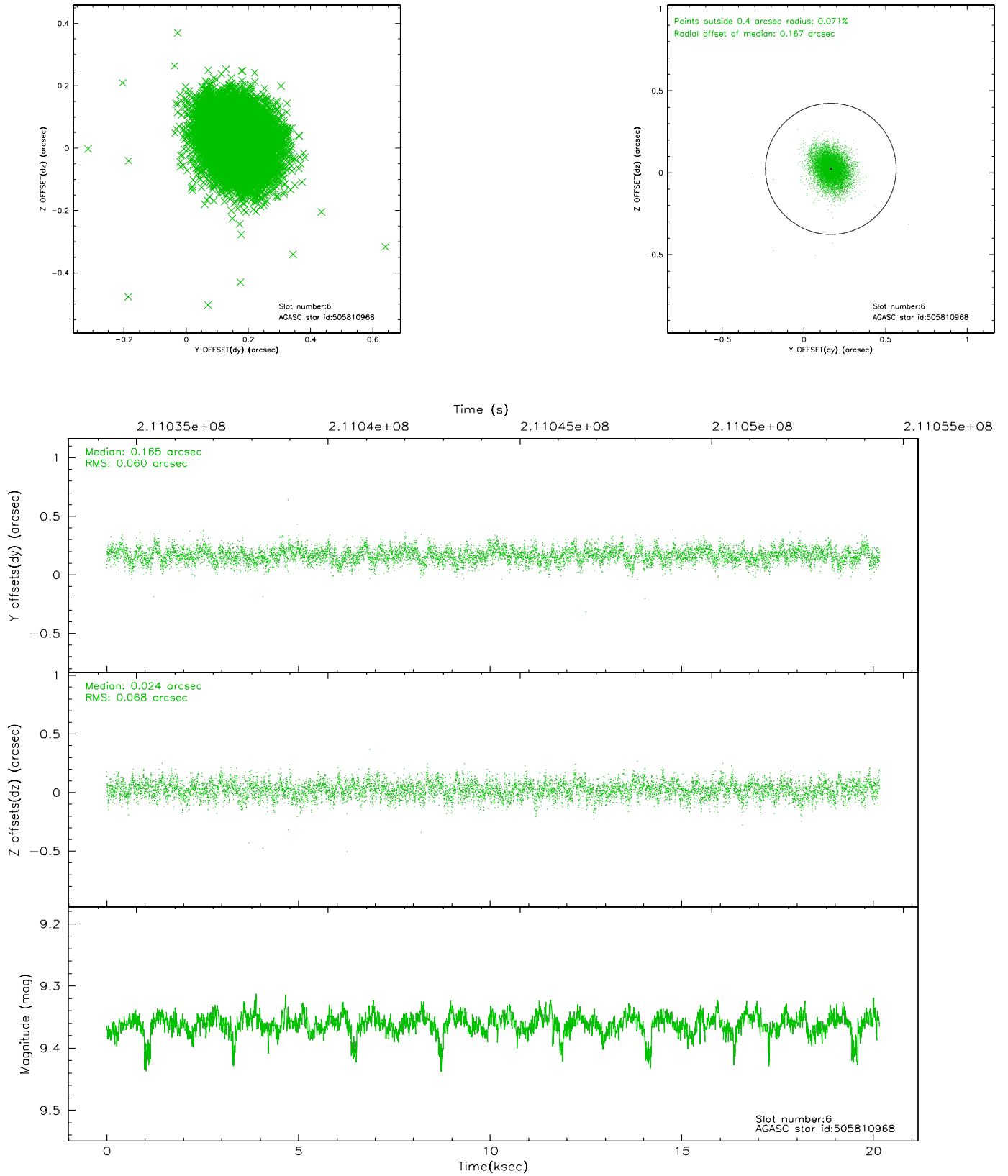
2.4.2 Slot 4



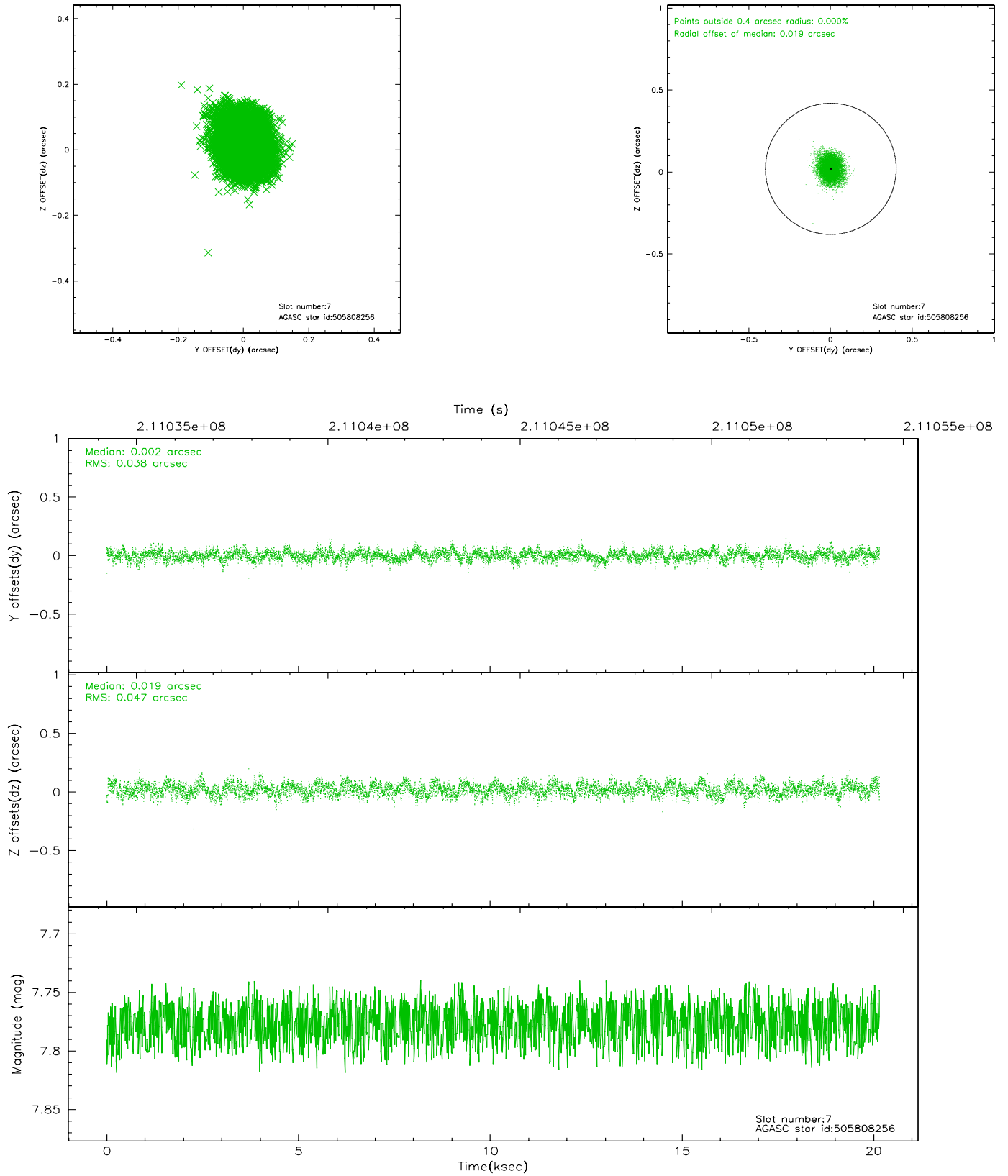
2.4.3 Slot 5



2.4.4 Slot 6

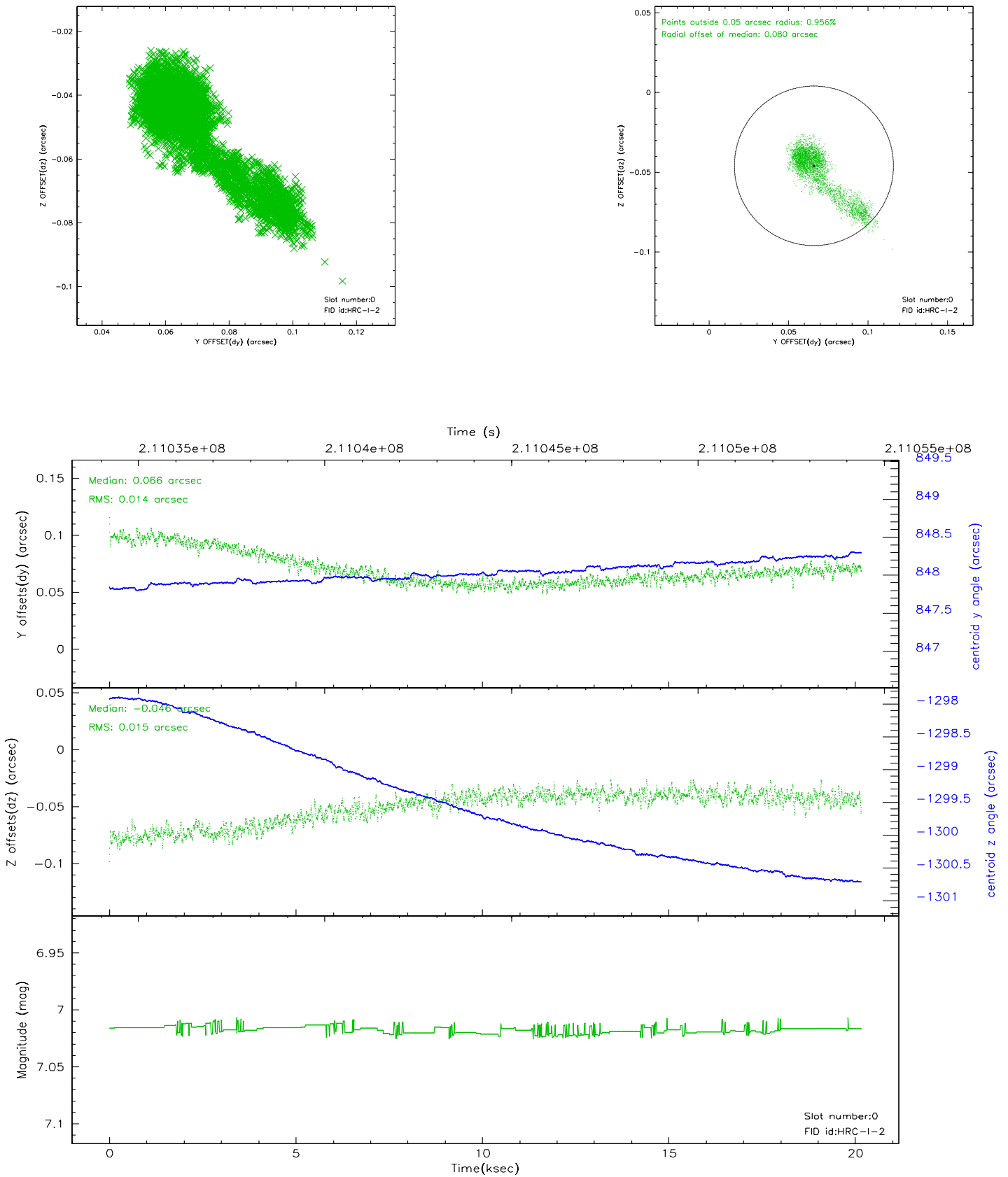


2.4.5 Slot 7

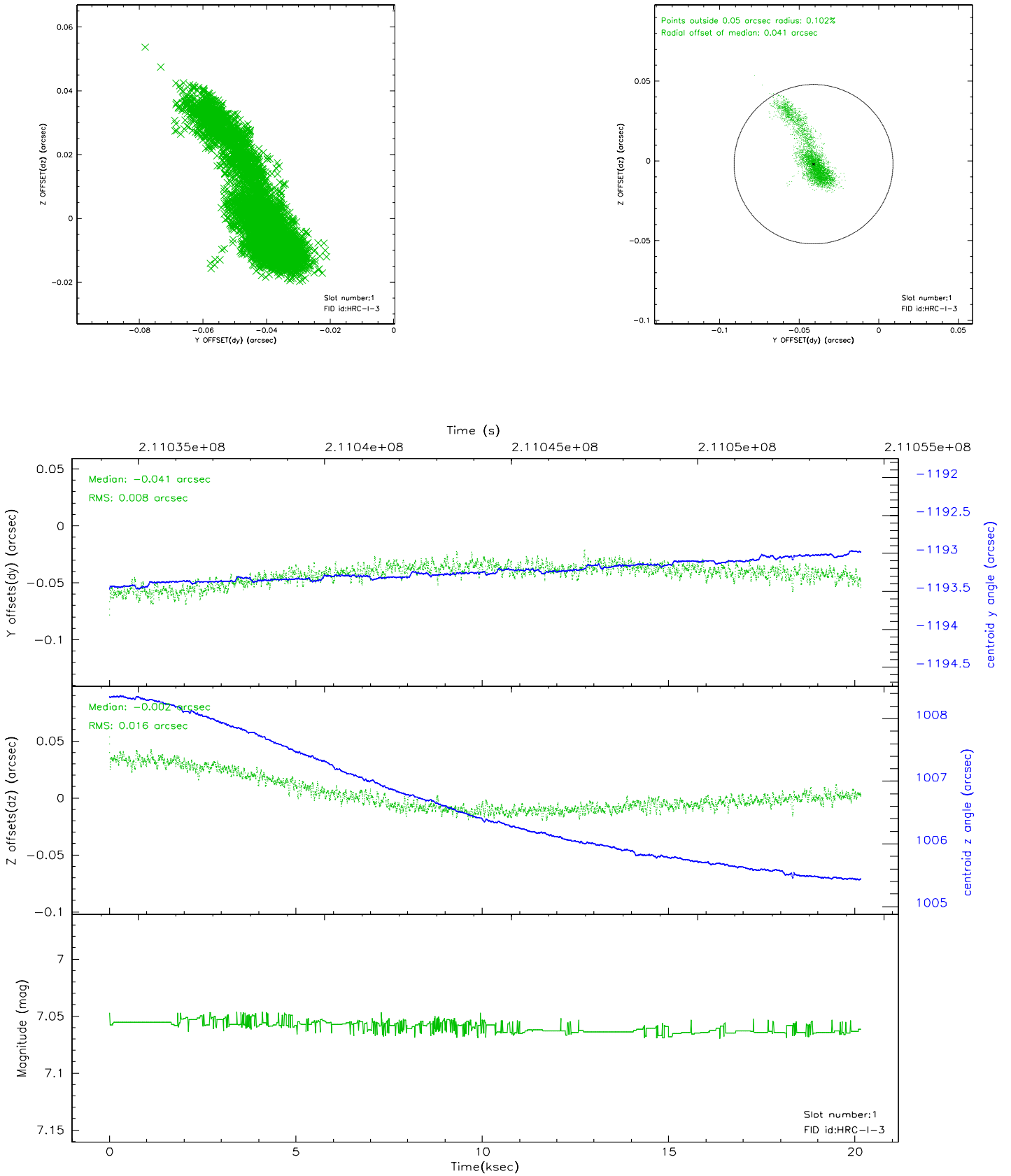


2.5 FID Slots

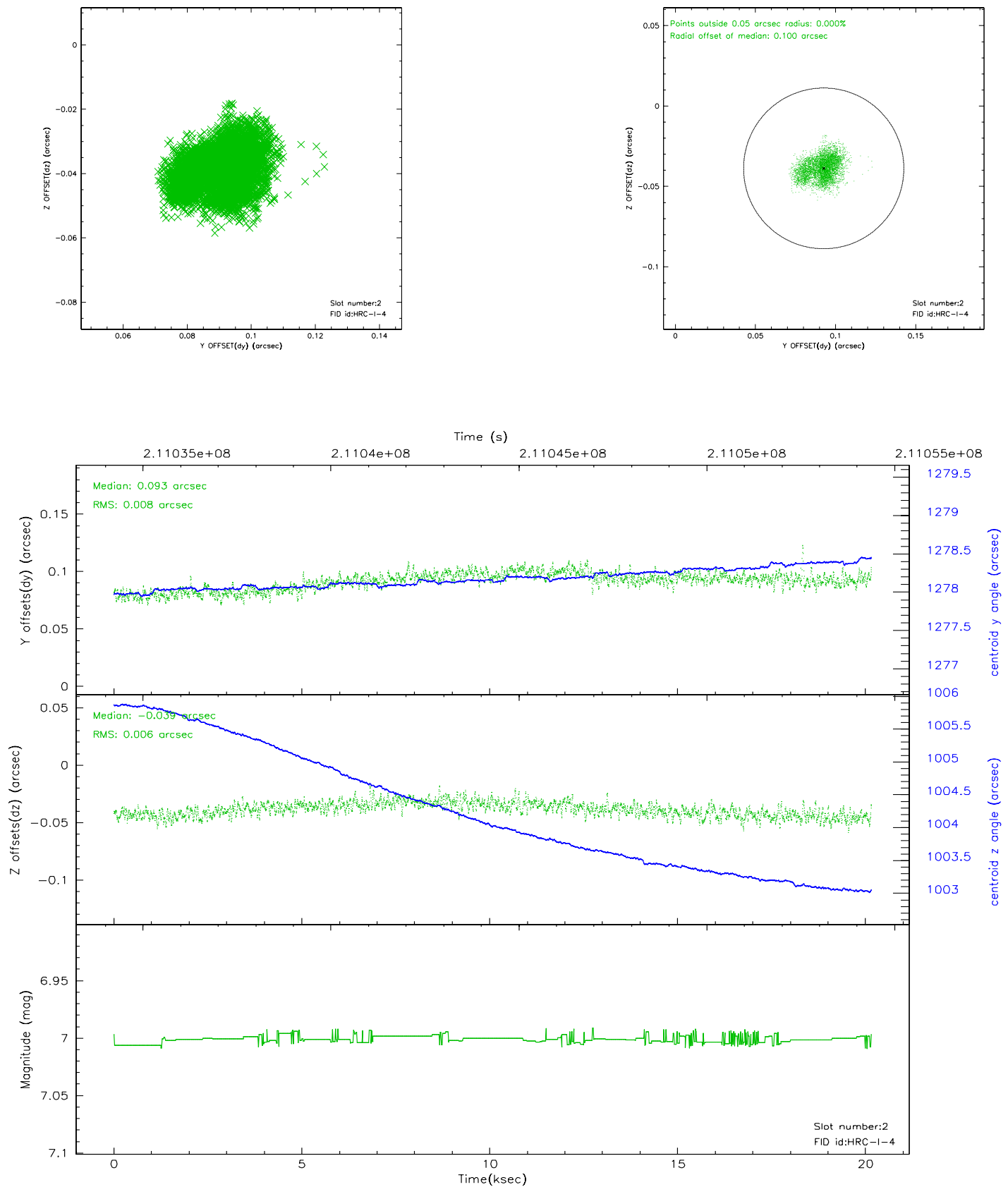
2.5.1 Slot 0



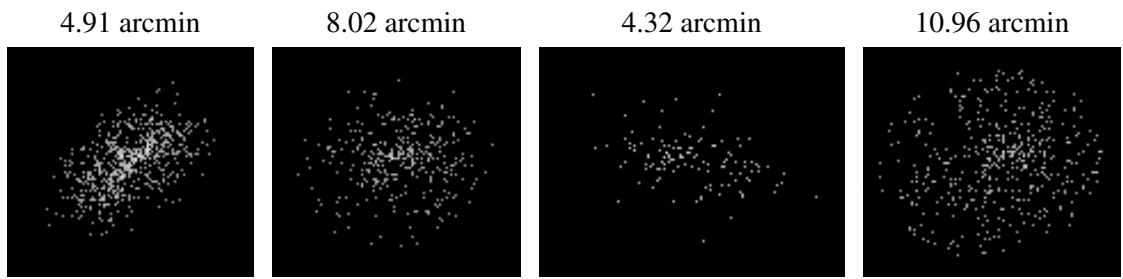
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.16

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.