

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1871 - L2 Version 4
Chandra X-Ray Center

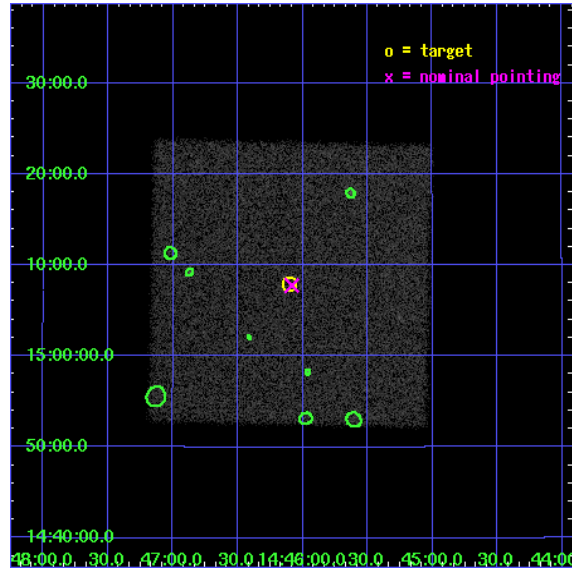
L2 Processing Date : Nov 20 2007

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1 Front

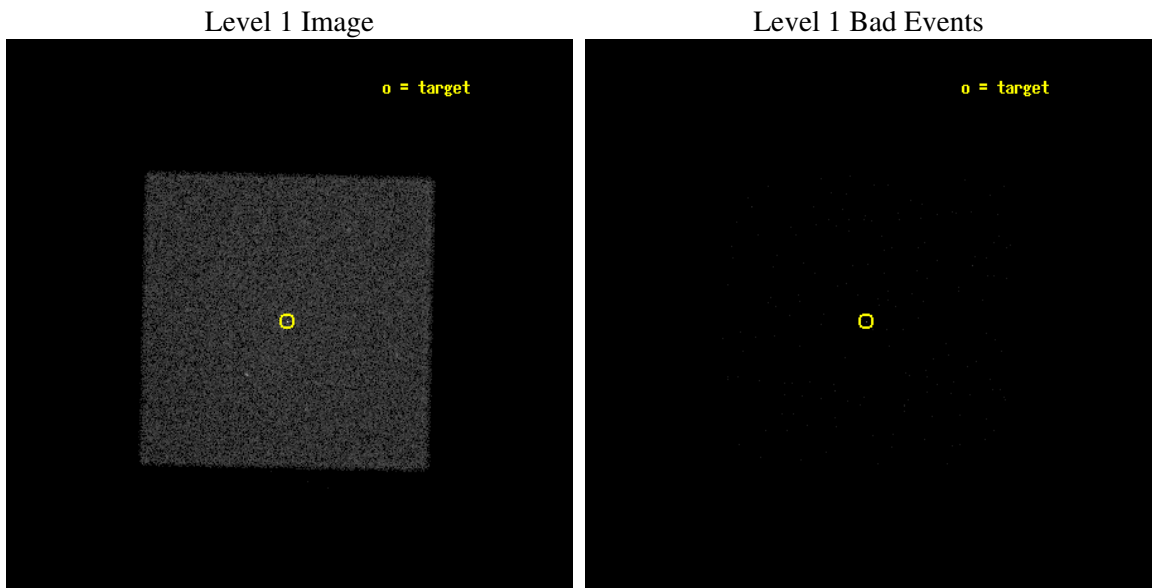
seq_num	200099
obs_id	1871
title	INTRINSIC X-RAY EMISSION FROM M-TYPE GIANTS
observer	Dr Matthias Huensch
object	HR 5512
ra_targ	221.525
dec_targ	15.131667
ra_nom	221.52083288832
dec_nom	15.129830904885
roll_nom	226.19051105405
revision	4
ontime	2980.9563661963
livetime	2965.8417763096
l2events	76839



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	2007-11-20T14:57:21
revision	4

sched_exp_time	3000.000000
ontime	2980.9563661963
l1events	118721

2.1.3 Events

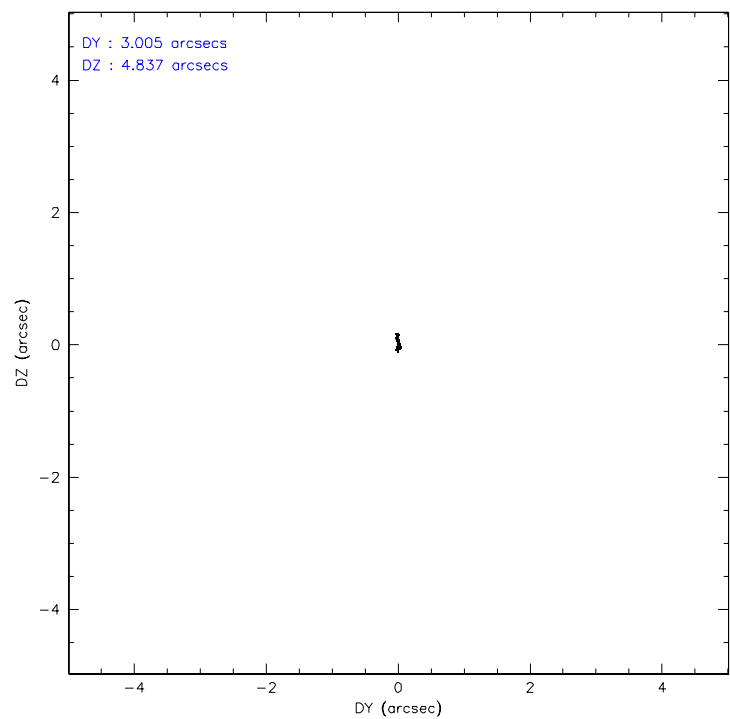
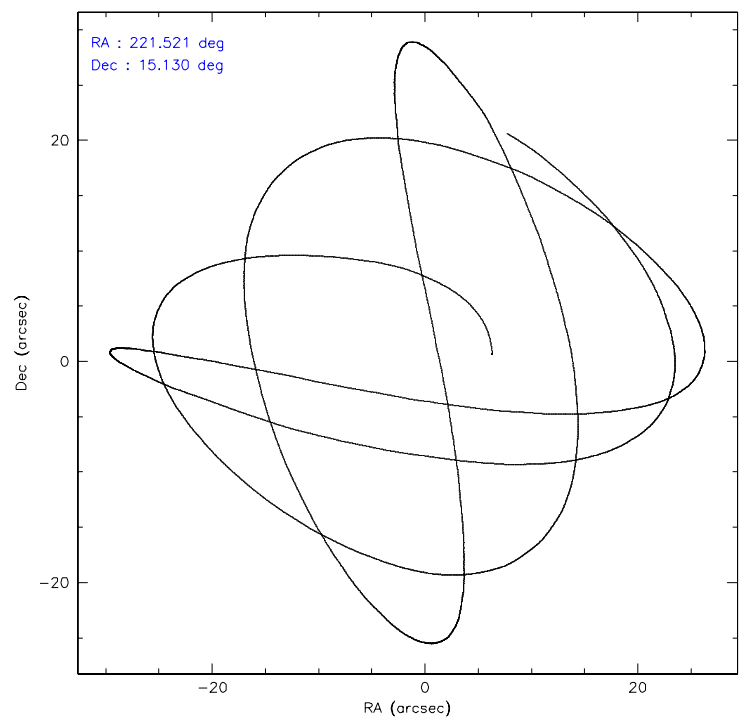
Level 1 Events

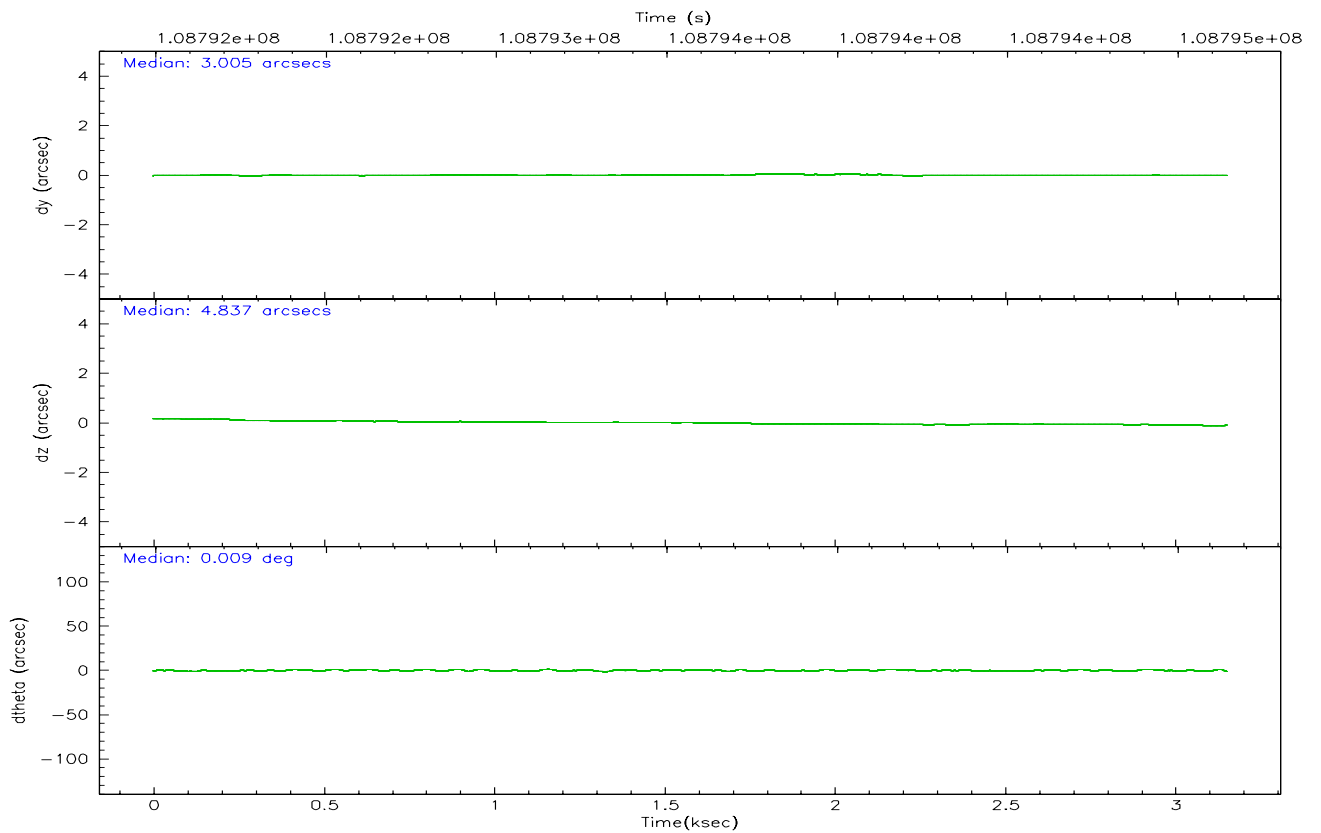
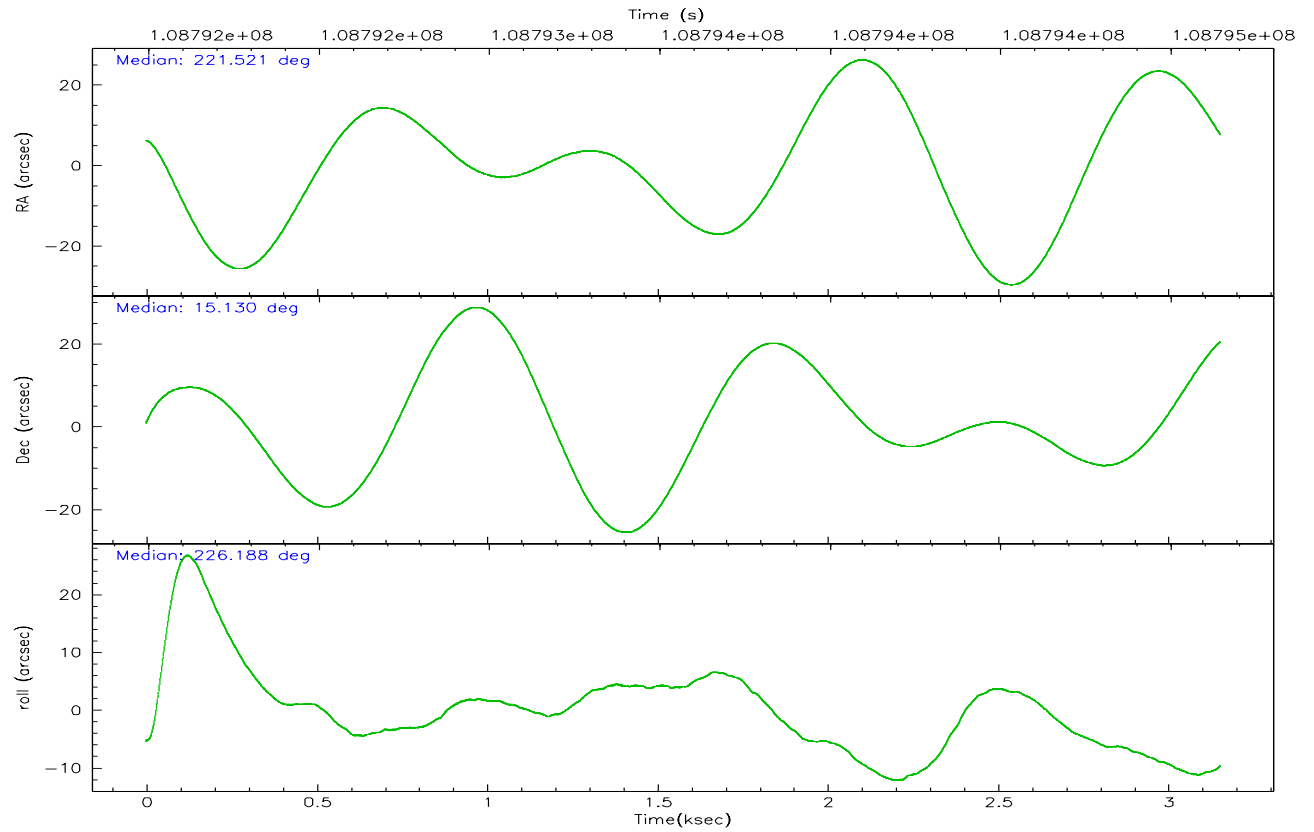
	segment 0
level 1 events	118721
rejected events	4190
rejected %	3%

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	221.527113	221.52083288832			
Pointing Dec	15.156472	15.12983090488517			
Pointing Roll	226.284454	226.1905110540524			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	108792143.184000	108791029.47153			
Observation start date	2001-06-13T04:01:19	2001-06-13T03:43:49			
Observation end time	108795143.184000	108795714.74671			
Observation end date	2001-06-13T04:51:19	2001-06-13T05:01:54			

2.3 Aspect



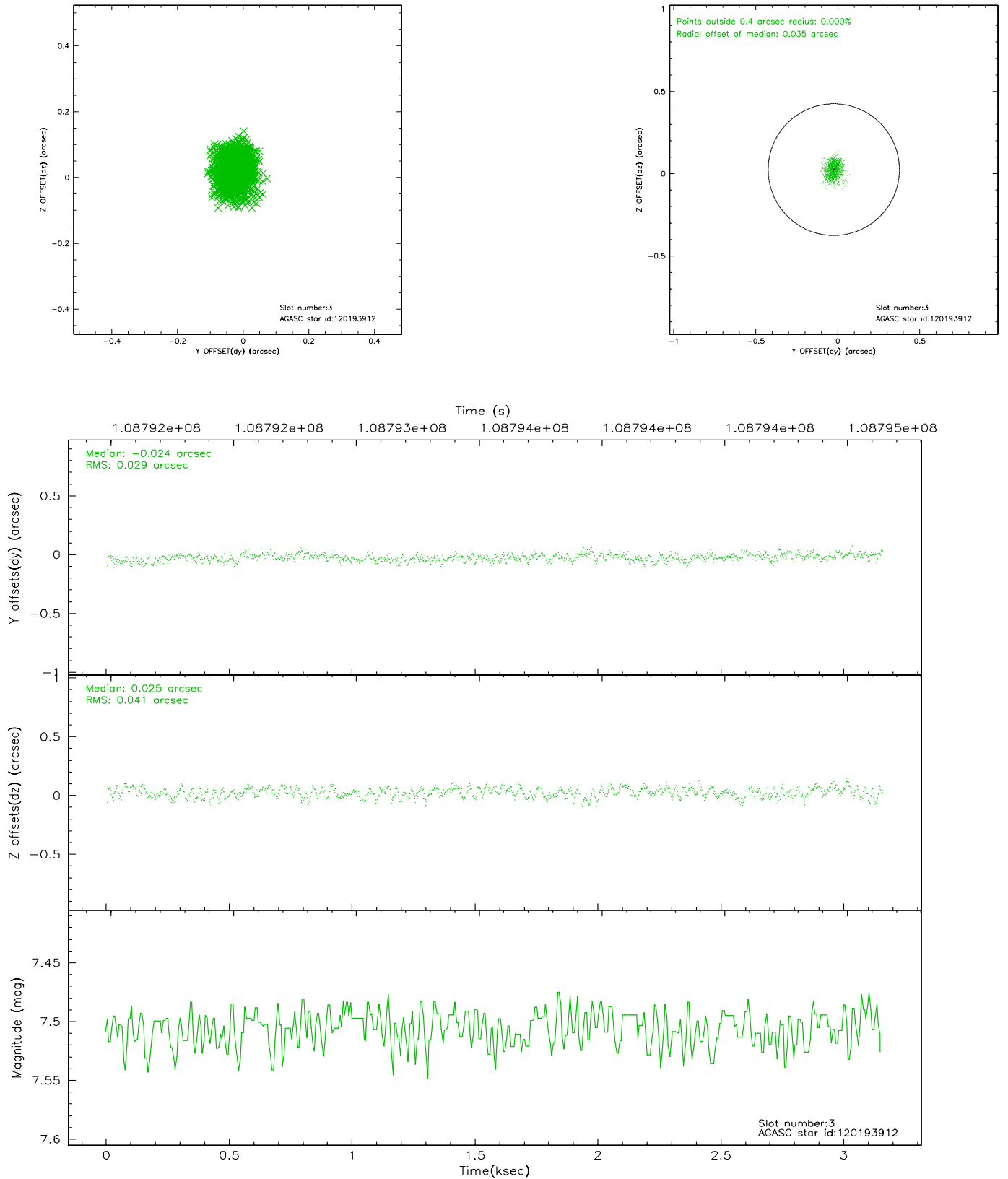


Slot Statistics

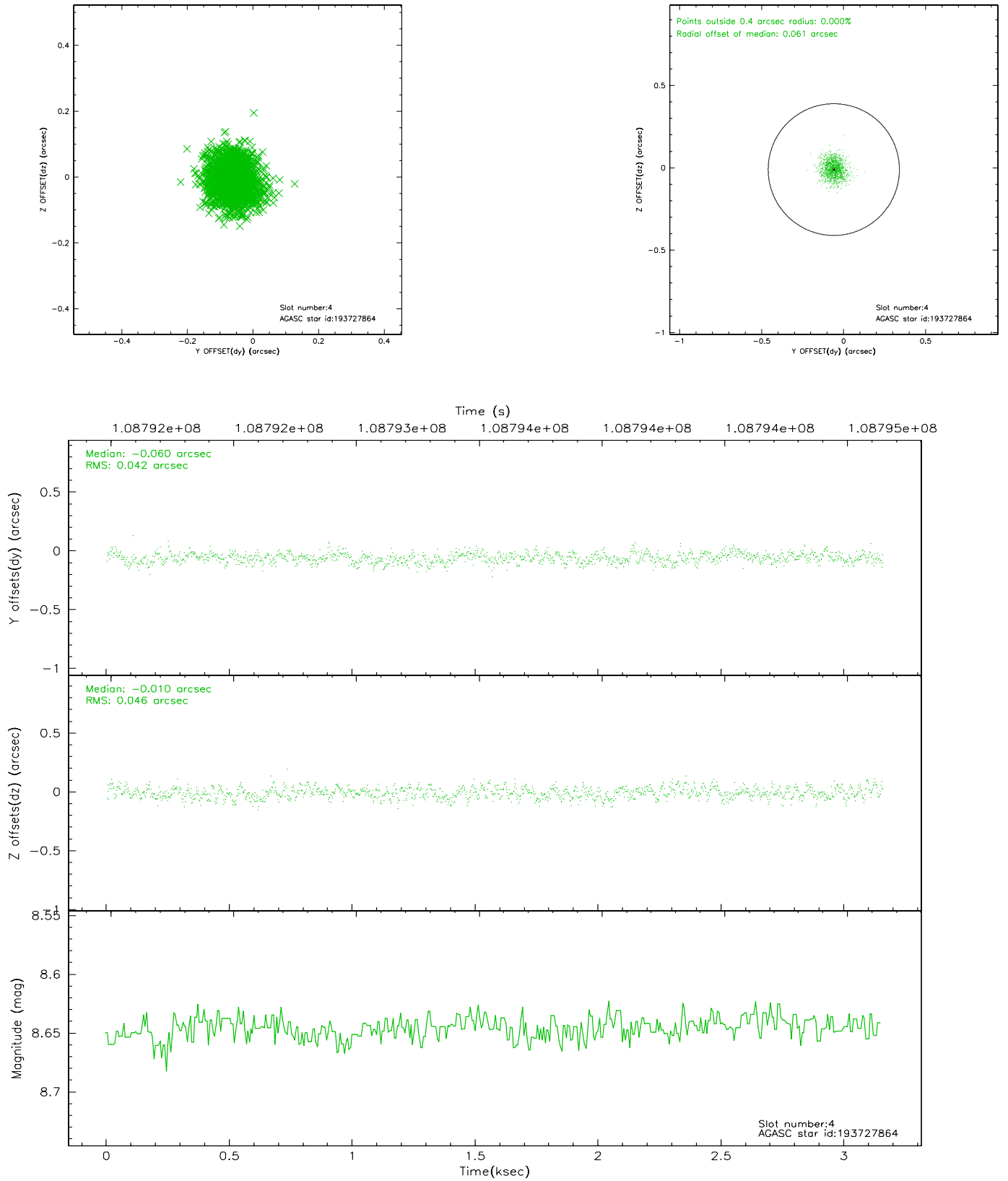
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	770	0.035	0.058	0.007	0.012	0.000000	0.000000	-758.45	-1292.61
1	FID	HRC-I-3	7.04	770	0.025	-0.104	0.007	0.011	0.000000	0.000000	-1187.92	1010.11
2	FID	HRC-I-4	6.98	770	0.054	-0.044	0.005	0.009	0.000000	0.000000	1282.83	1010.76
3	GUIDE	120193912	7.51	1540	-0.024	0.025	0.054	0.085	221.623453	14.855343	550.31	991.91
4	GUIDE	193727864	8.65	1538	-0.060	-0.010	0.067	0.109	221.624672	15.518983	-1178.25	-656.30
5	GUIDE	193593752	8.77	1540	-0.043	-0.092	0.090	0.139	221.299595	15.807237	-1151.07	-2189.13
6	GUIDE	120193952	8.77	1539	0.129	0.082	0.065	0.105	221.453349	14.642271	1513.47	1092.66
7	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

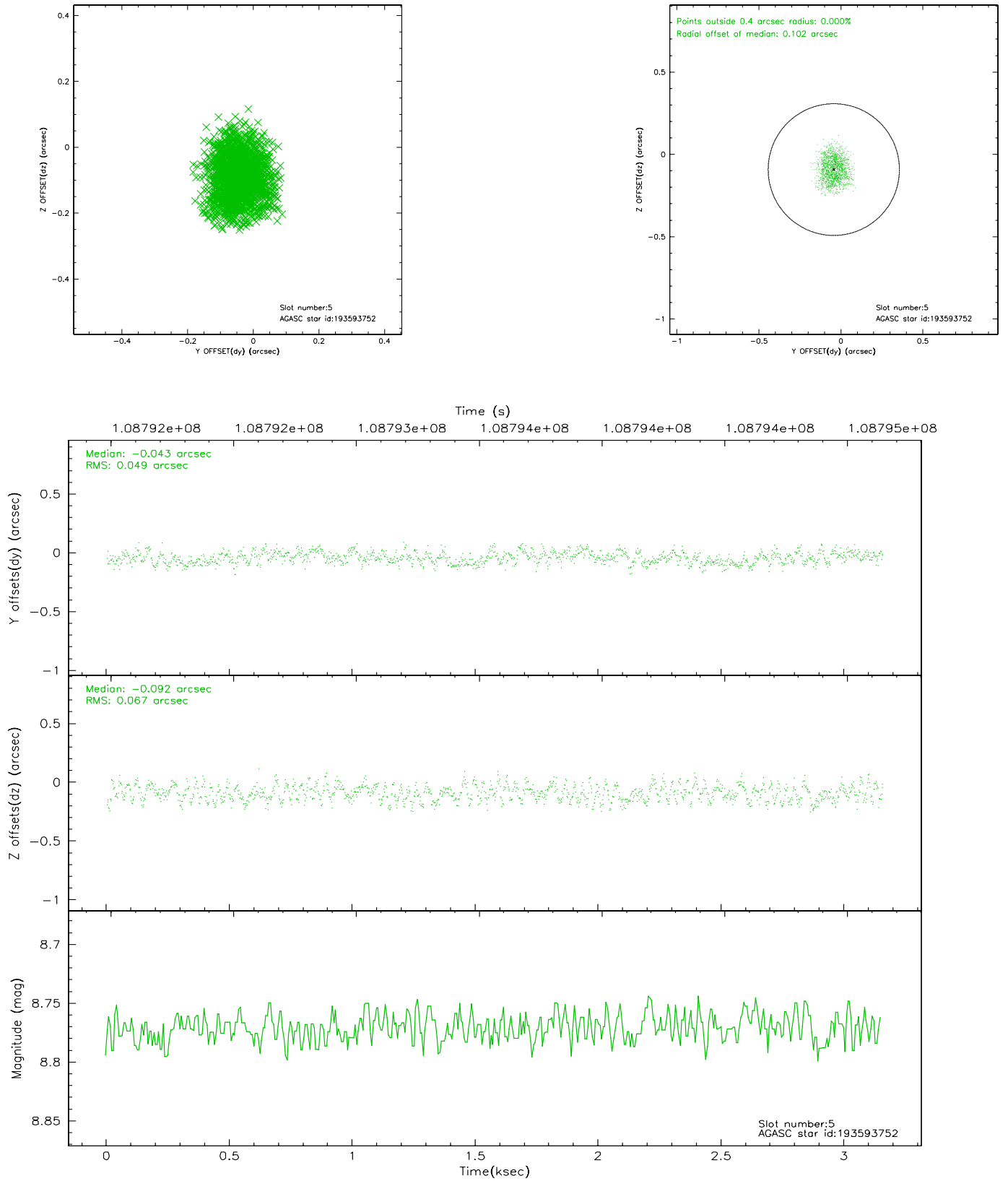
2.4.1 Slot 3



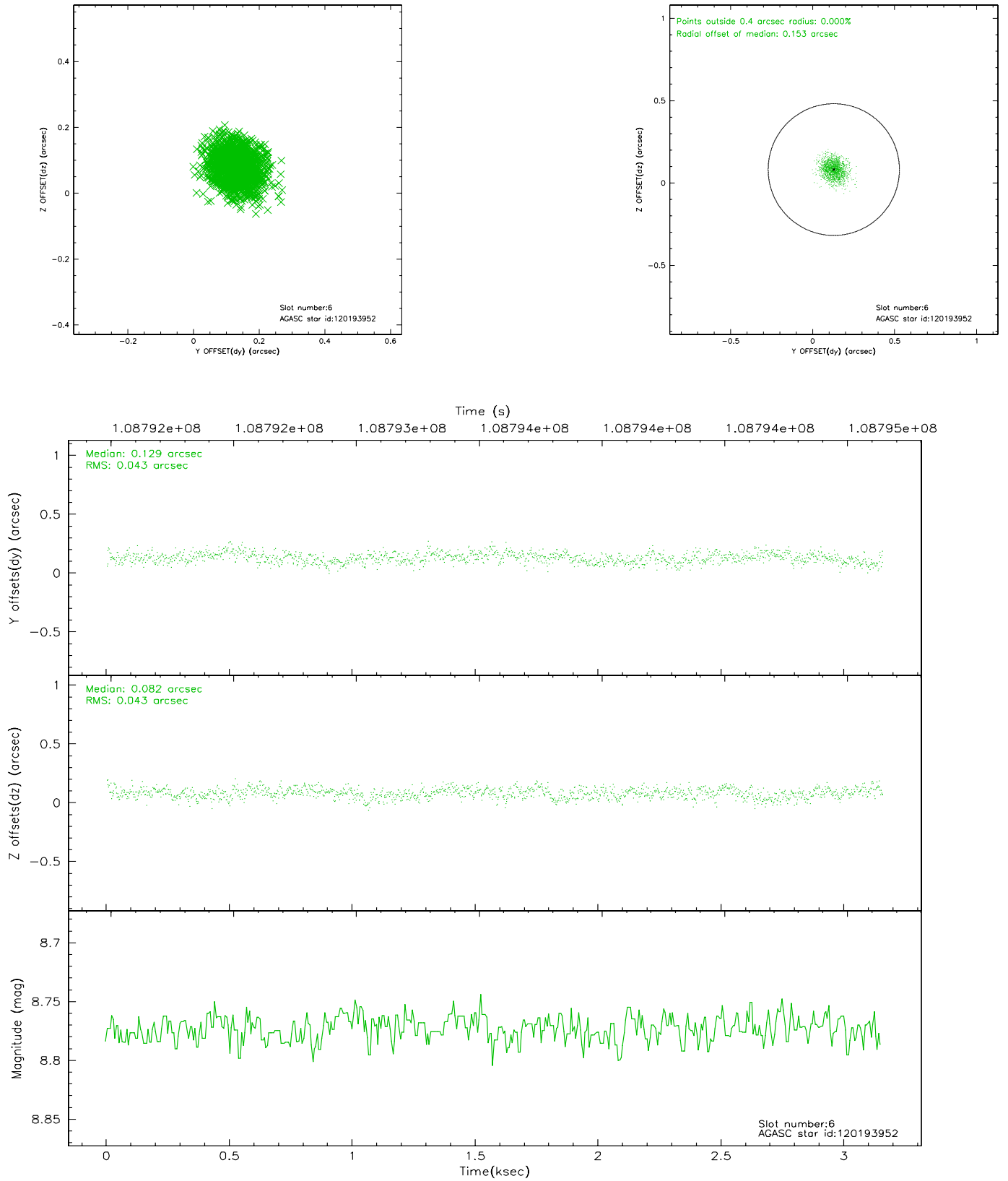
2.4.2 Slot 4



2.4.3 Slot 5

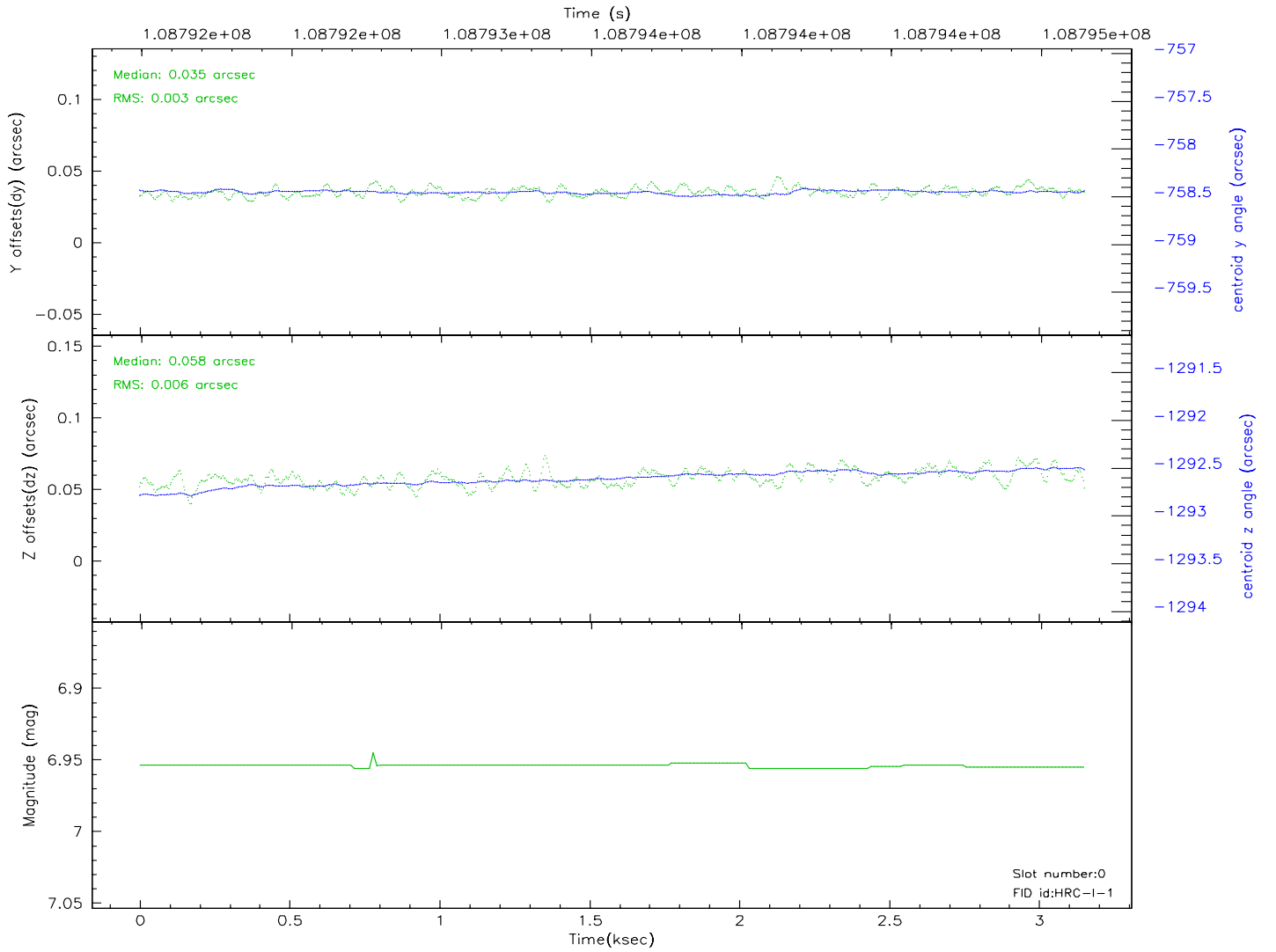
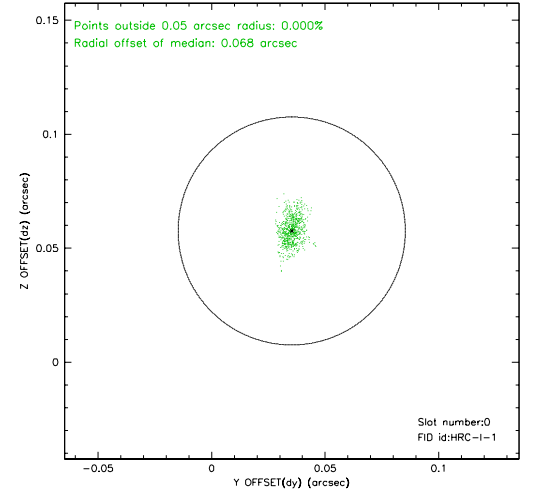
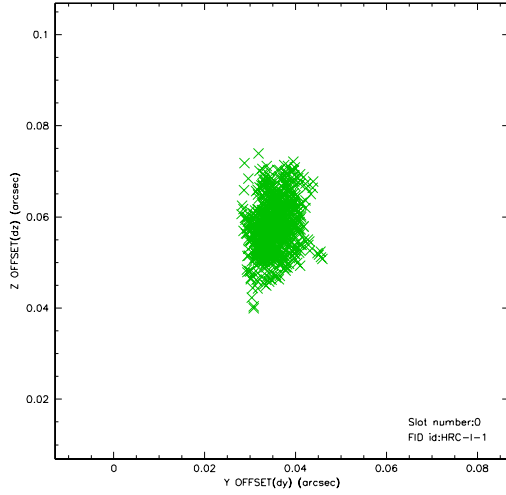


2.4.4 Slot 6

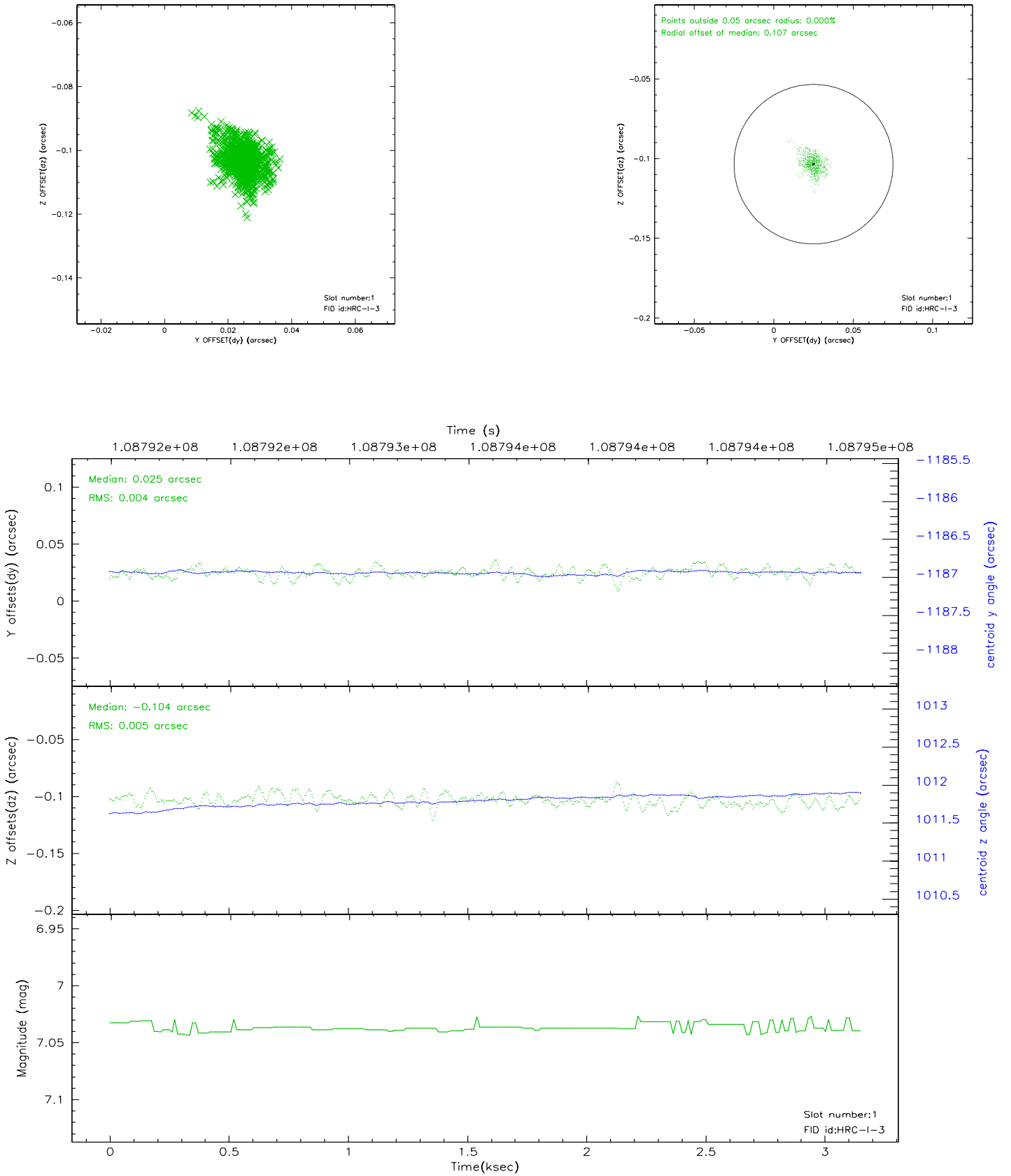


2.5 FID Slots

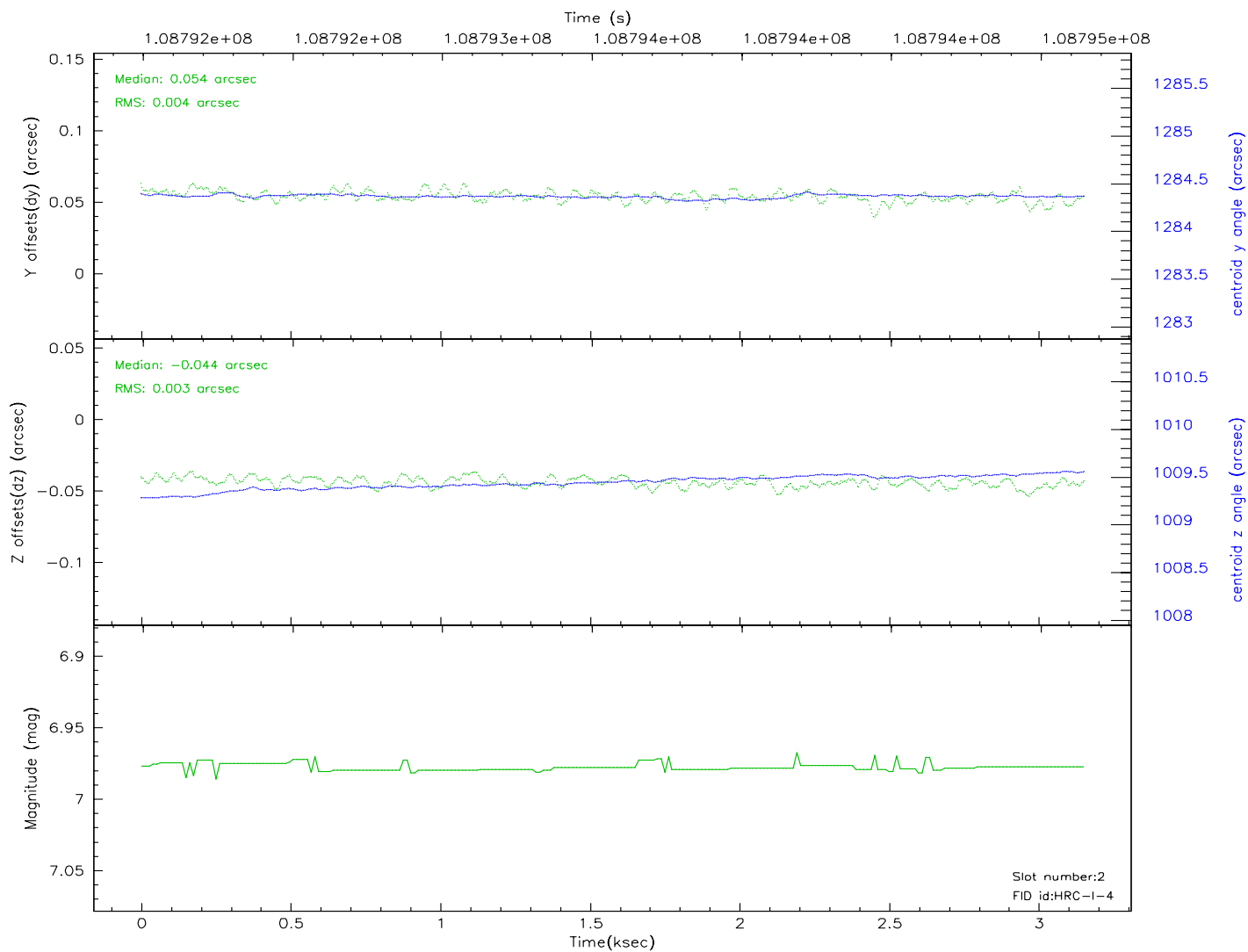
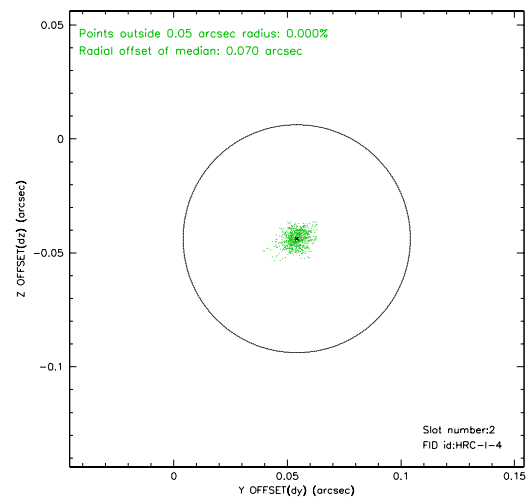
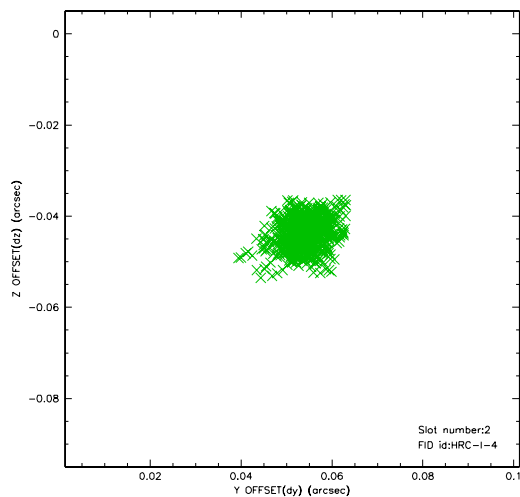
2.5.1 Slot 0



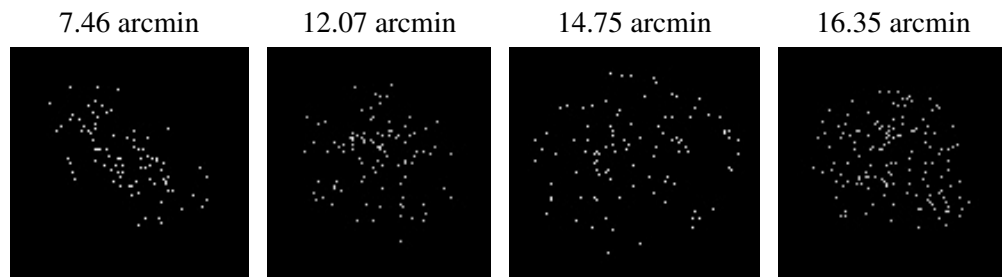
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	2.98

A.2 Comments

The guide star in slot 7 was manually excluded from the processing due to poor data quality.

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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.