

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3792 - L2 Version 3
Chandra X-Ray Center

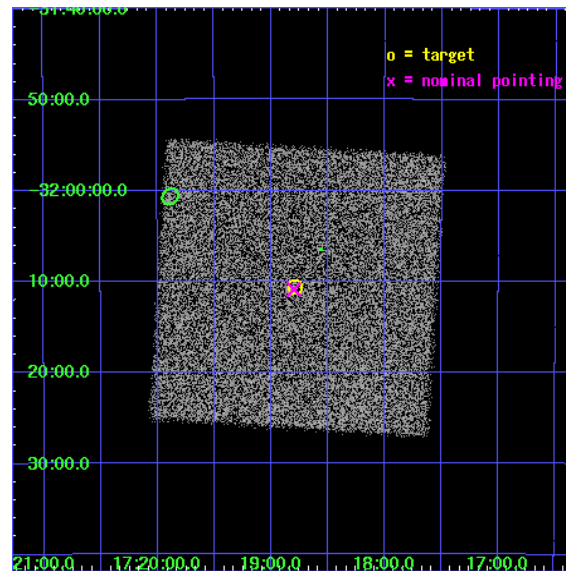
L2 Processing Date : Nov 23 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

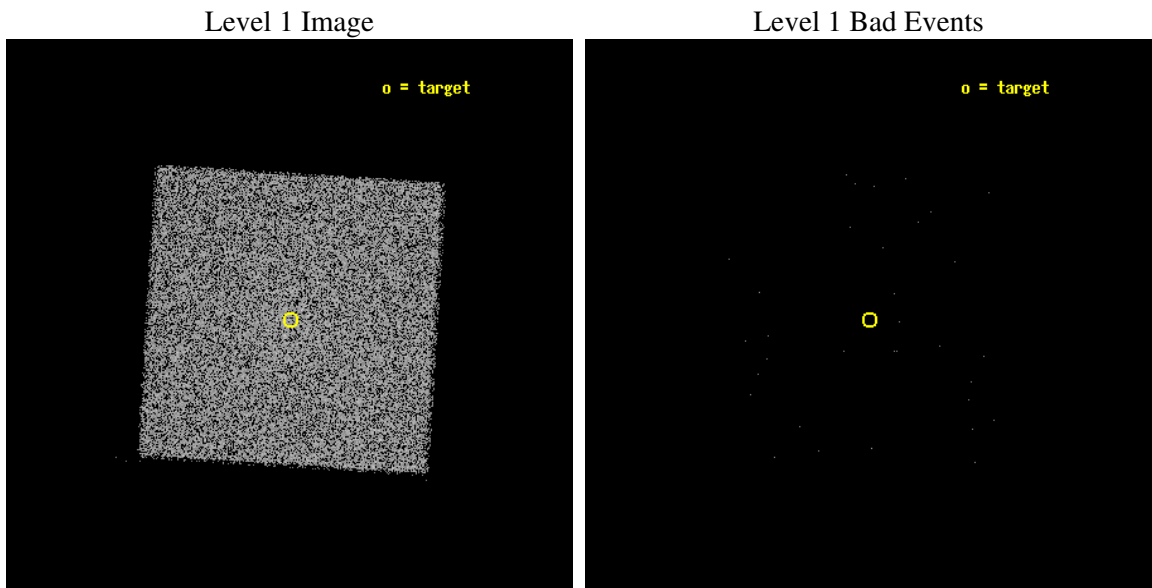
seq_num	400279
obs_id	3792
title	LOCATING THE COUNTERPARTS OF THE INTRIGUING X-RAY BURSTERS X1702-429 AND X1715-321
observer	DR. STEFANIE WACHTER
object	X1715-321
ra_targ	259.697083
dec_targ	-32.177833
ra_nom	259.69989876477
dec_nom	-32.181605095019
roll_nom	318.5531589546
revision	3
ontime	1182.8500502706
livetime	1175.541787313
l2events	43480



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	2007-11-23T19:29:57
revision	3

sched_exp_time	1000.000000
ontime	1182.8500502706
l1events	96211

2.1.3 Events

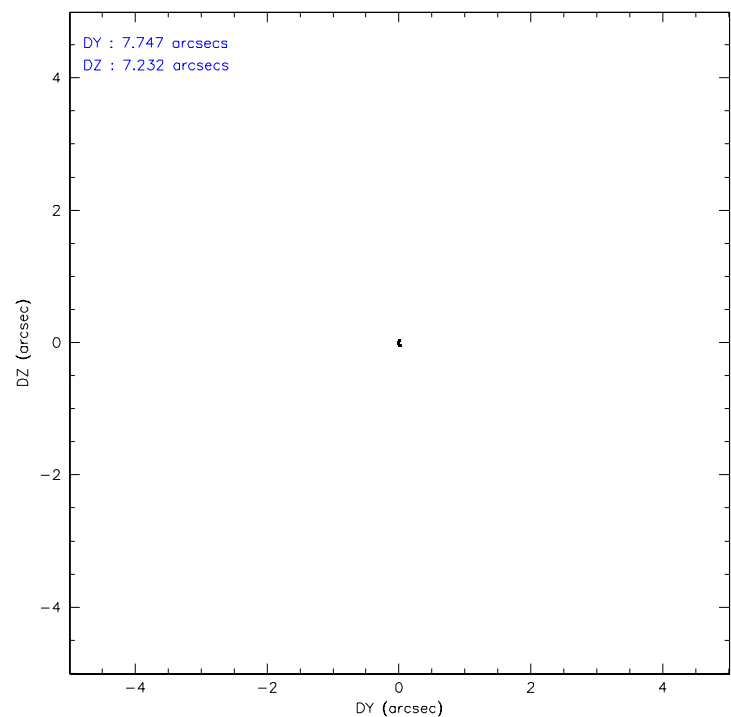
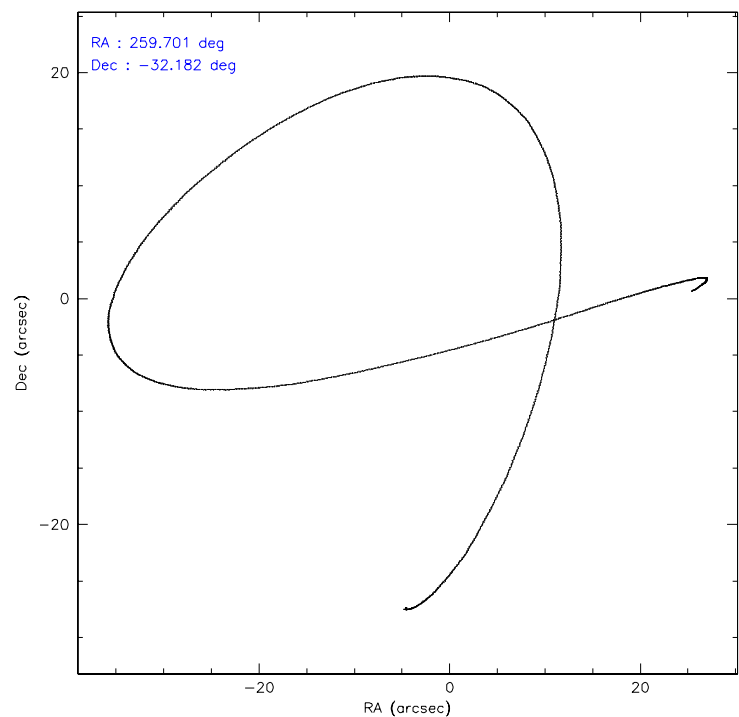
Level 1 Events

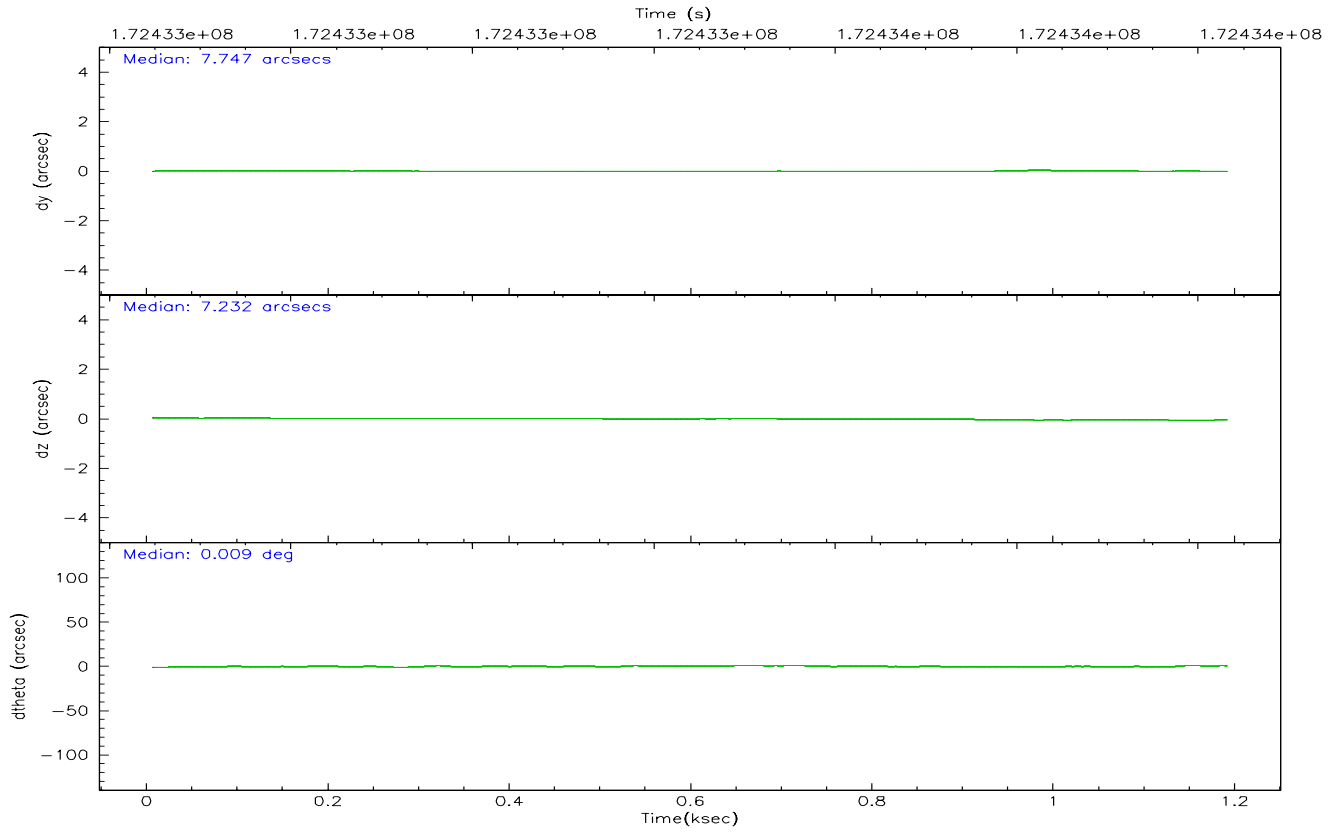
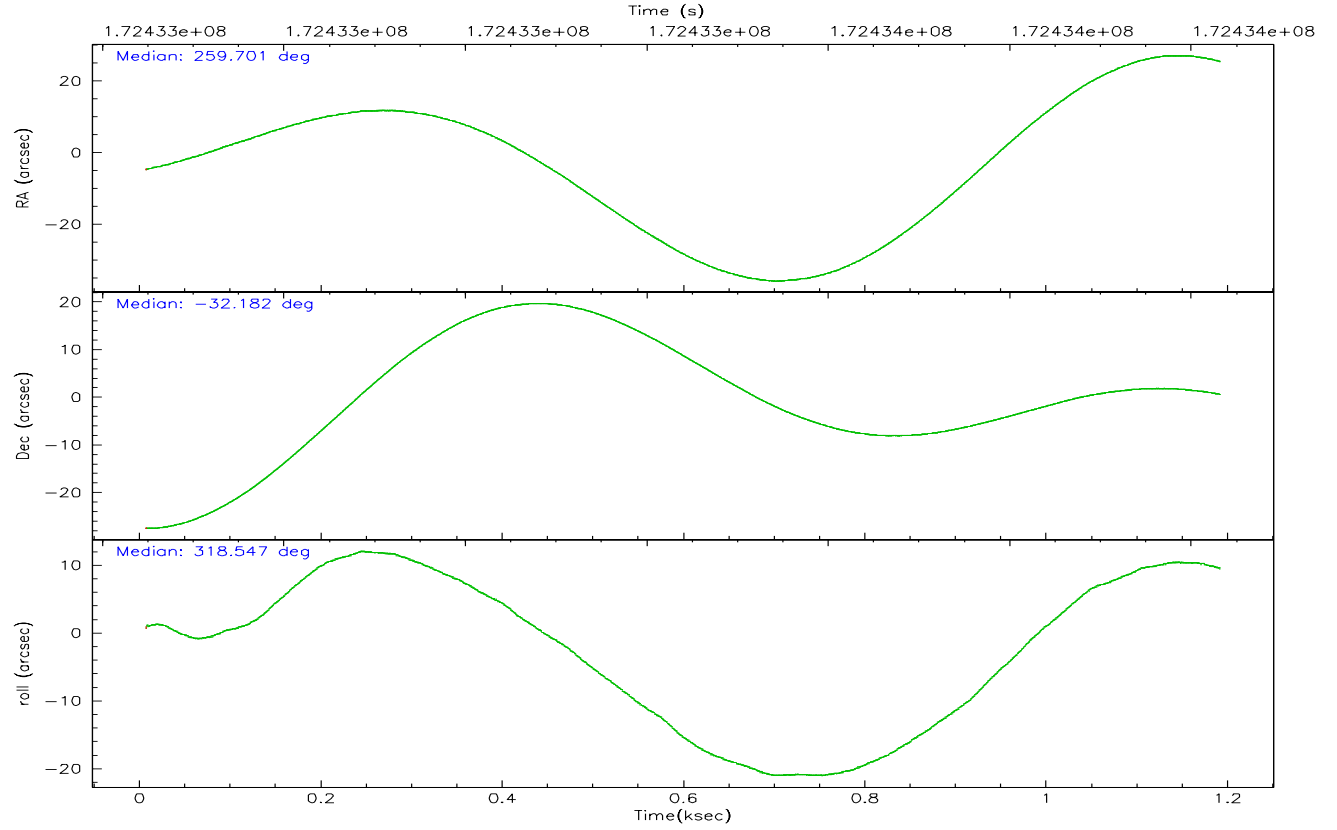
	segment 0
level 1 events	96211
rejected events	29731
rejected %	30%

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	259.667713	259.6998987647719			
Pointing Dec	-32.176811	-32.18160509501883			
Pointing Roll	318.631436	318.553158954601			
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	172433039.184000	172432371.36053			
Observation start date	2003-06-19T18:02:55	2003-06-19T17:52:51			
Observation end time	172434039.184000	172434535.64813			
Observation end date	2003-06-19T18:19:35	2003-06-19T18:28:55			

2.3 Aspect



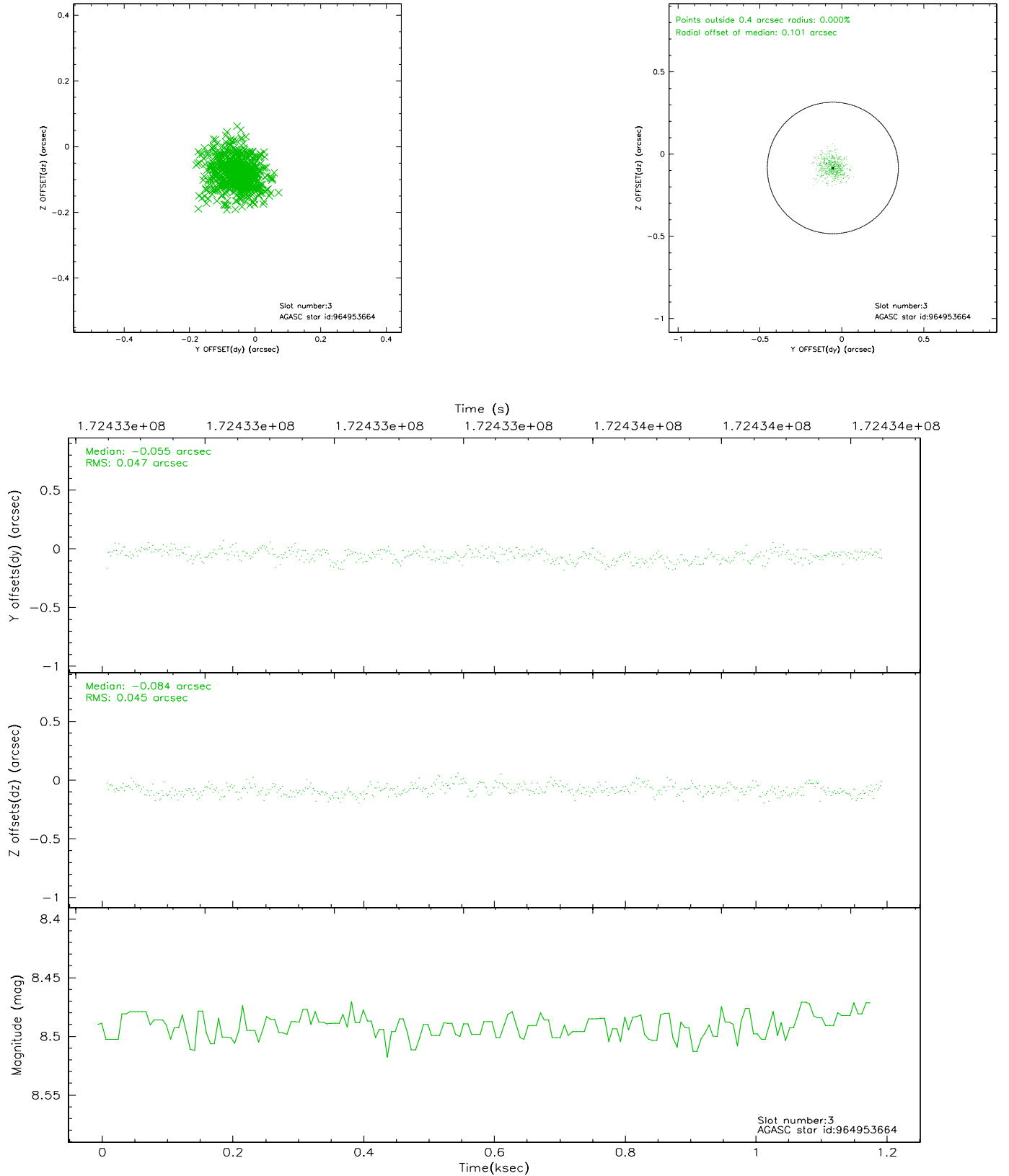


Slot Statistics

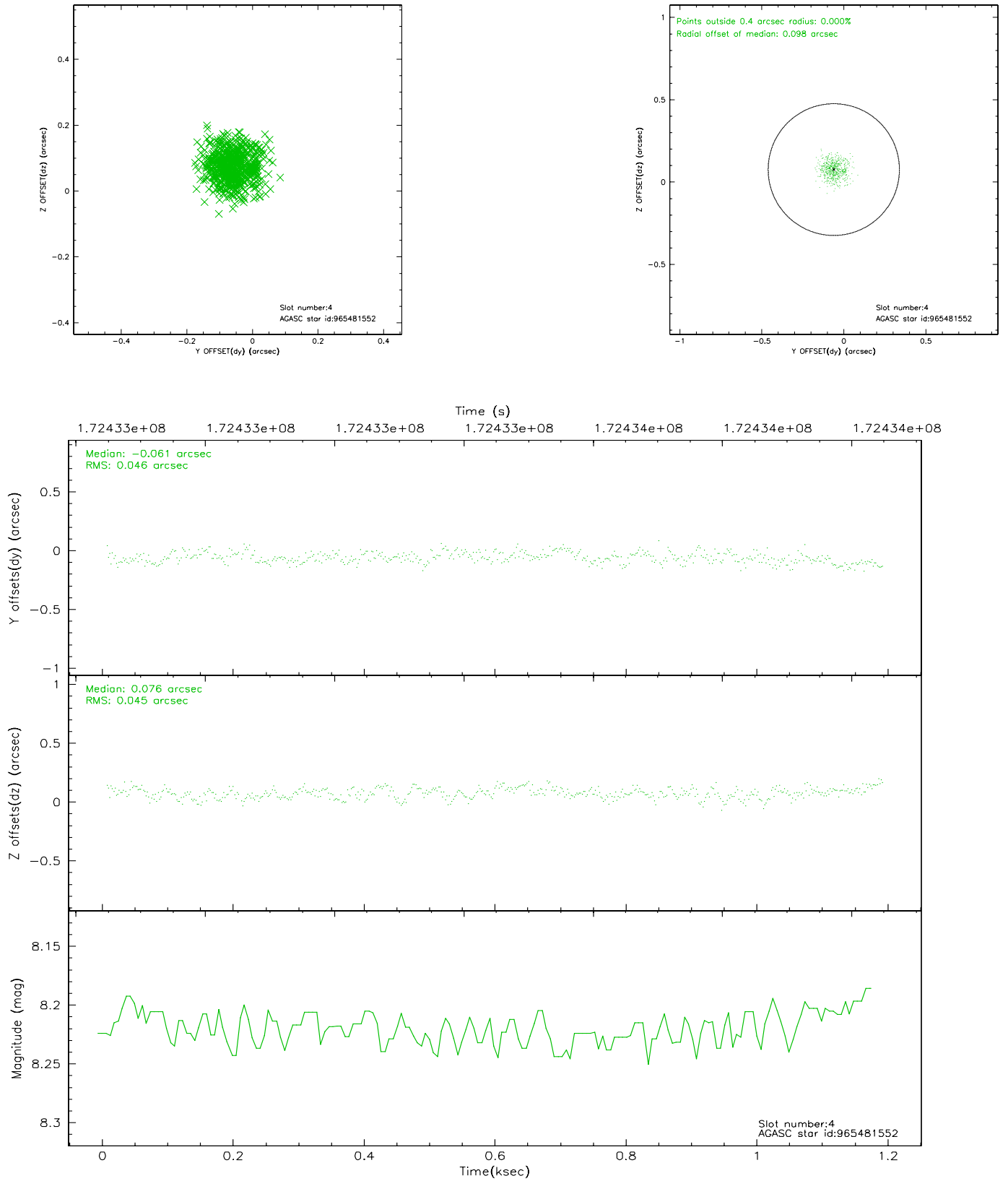
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	290	0.014	0.023	0.008	0.013	0.000000	0.000000	-763.35	-1295.05
1	FID	HRC-I-2	6.98	290	0.098	-0.078	0.007	0.012	0.000000	0.000000	846.73	-1301.20
2	FID	HRC-I-3	7.04	289	0.007	-0.034	0.007	0.012	0.000000	0.000000	-1188.89	1004.96
3	GUIDE	964953664	8.49	579	-0.055	-0.084	0.070	0.112	259.931436	-31.690734	-551.11	1845.11
4	GUIDE	965481552	8.22	577	-0.061	0.076	0.070	0.112	259.329983	-32.065880	-1037.84	-380.55
5	GUIDE	965482816	9.09	579	0.125	0.030	0.096	0.157	260.220699	-32.159219	1222.72	1156.40
6	GUIDE	965482968	9.32	579	-0.001	0.022	0.092	0.149	259.618906	-32.729988	1206.30	-1591.23
7	GUIDE	965482744	8.24	578	-0.013	-0.053	0.081	0.133	259.140806	-32.338645	-814.10	-1503.42

2.4 Star Slots

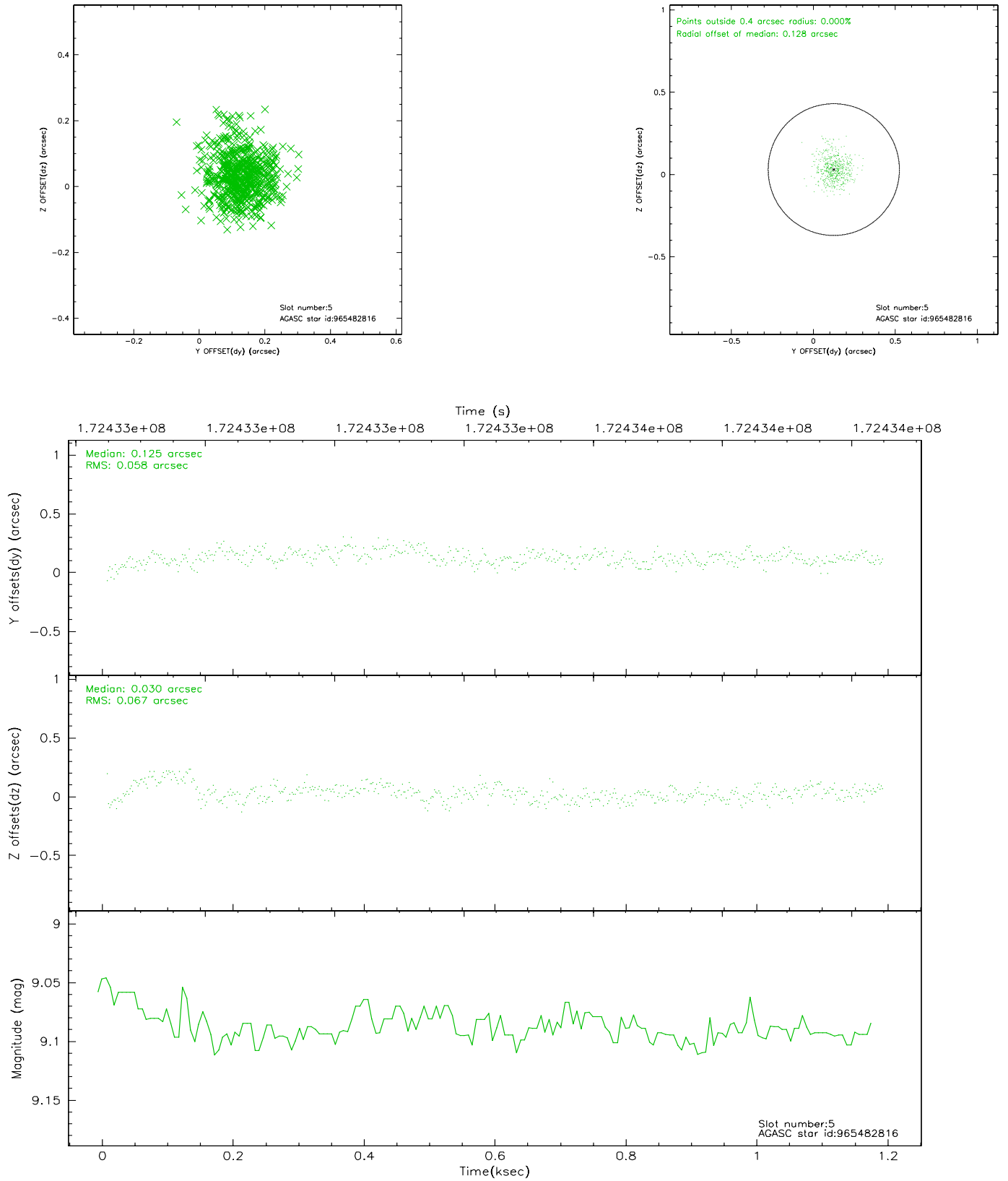
2.4.1 Slot 3



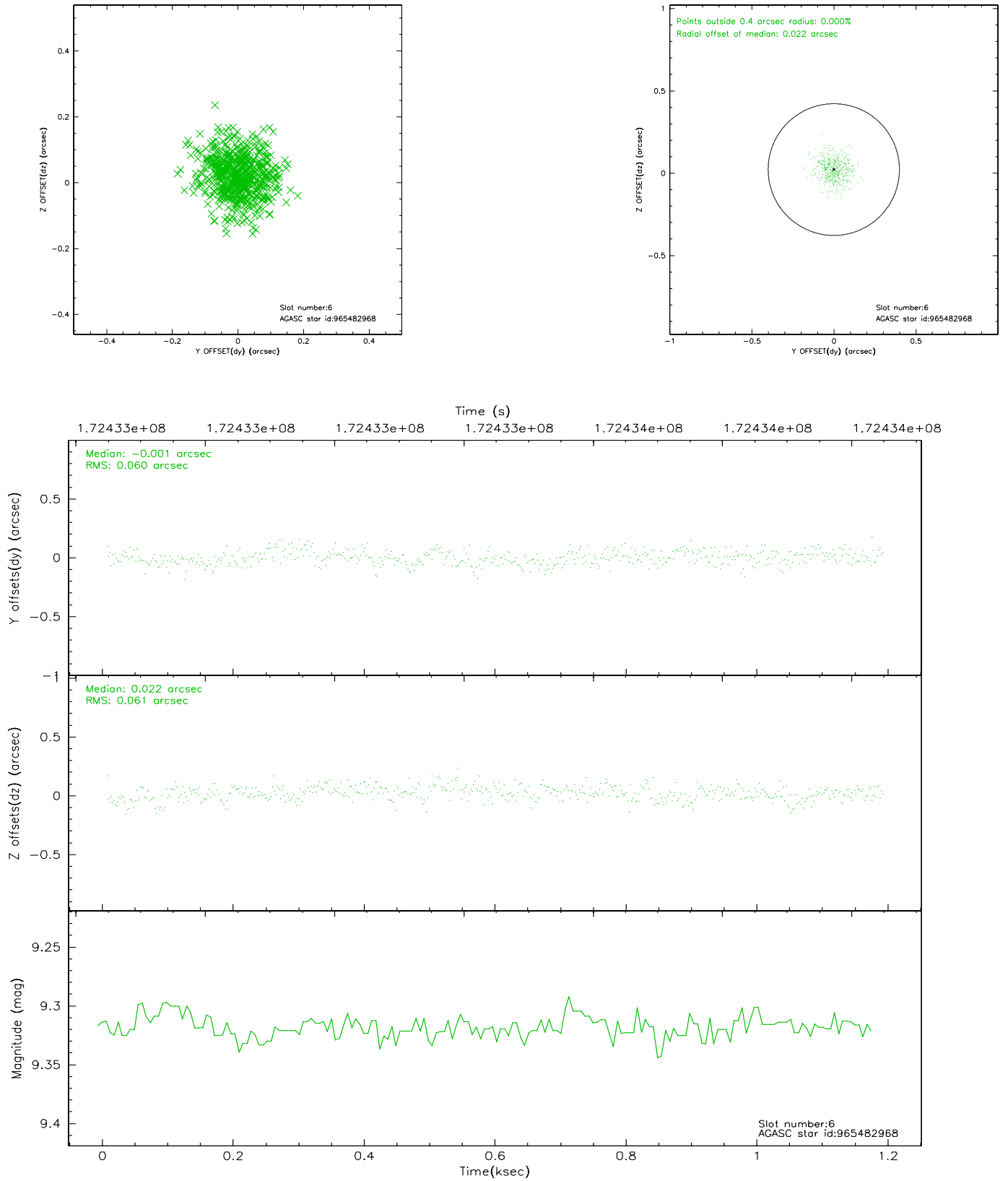
2.4.2 Slot 4



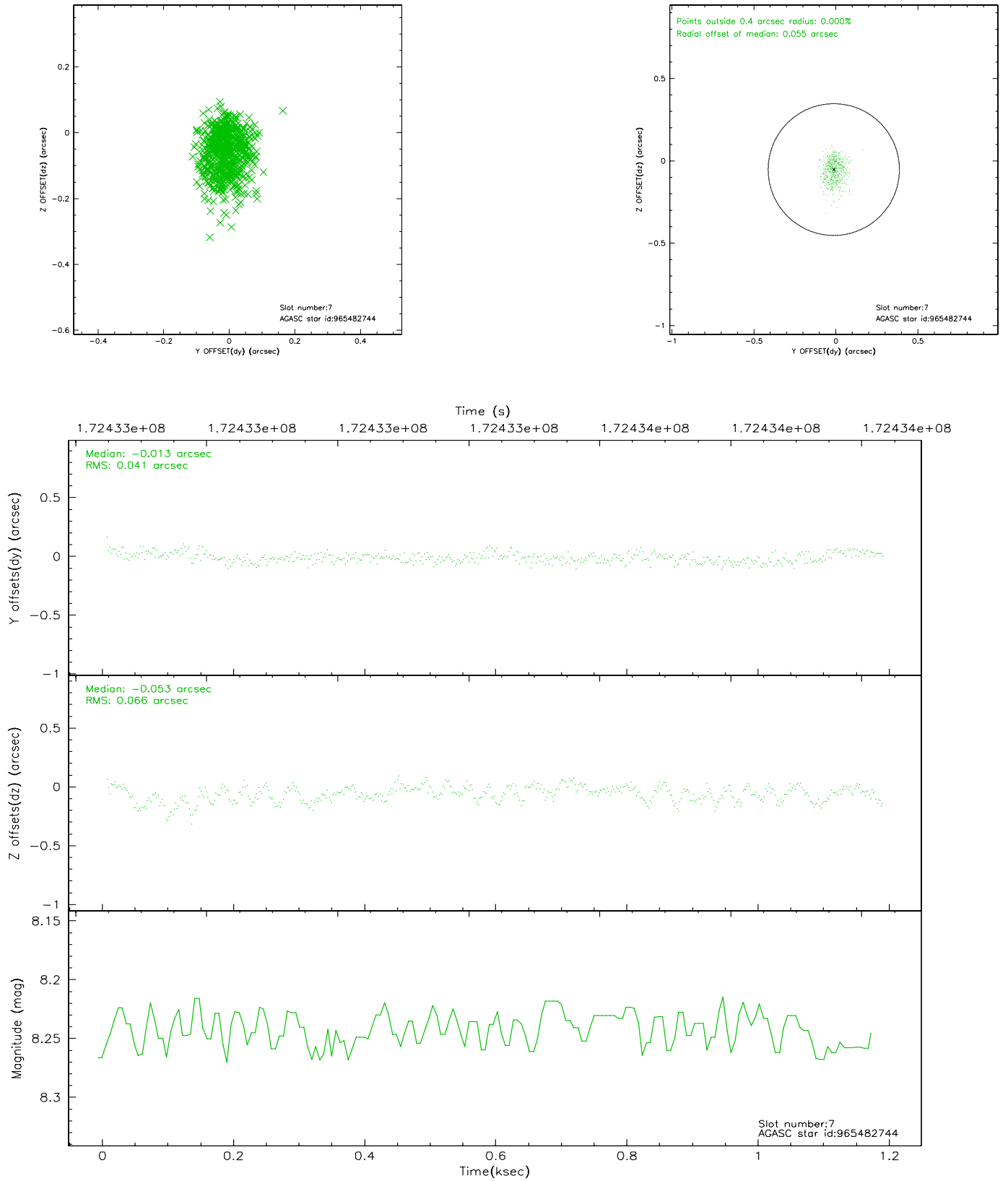
2.4.3 Slot 5



2.4.4 Slot 6

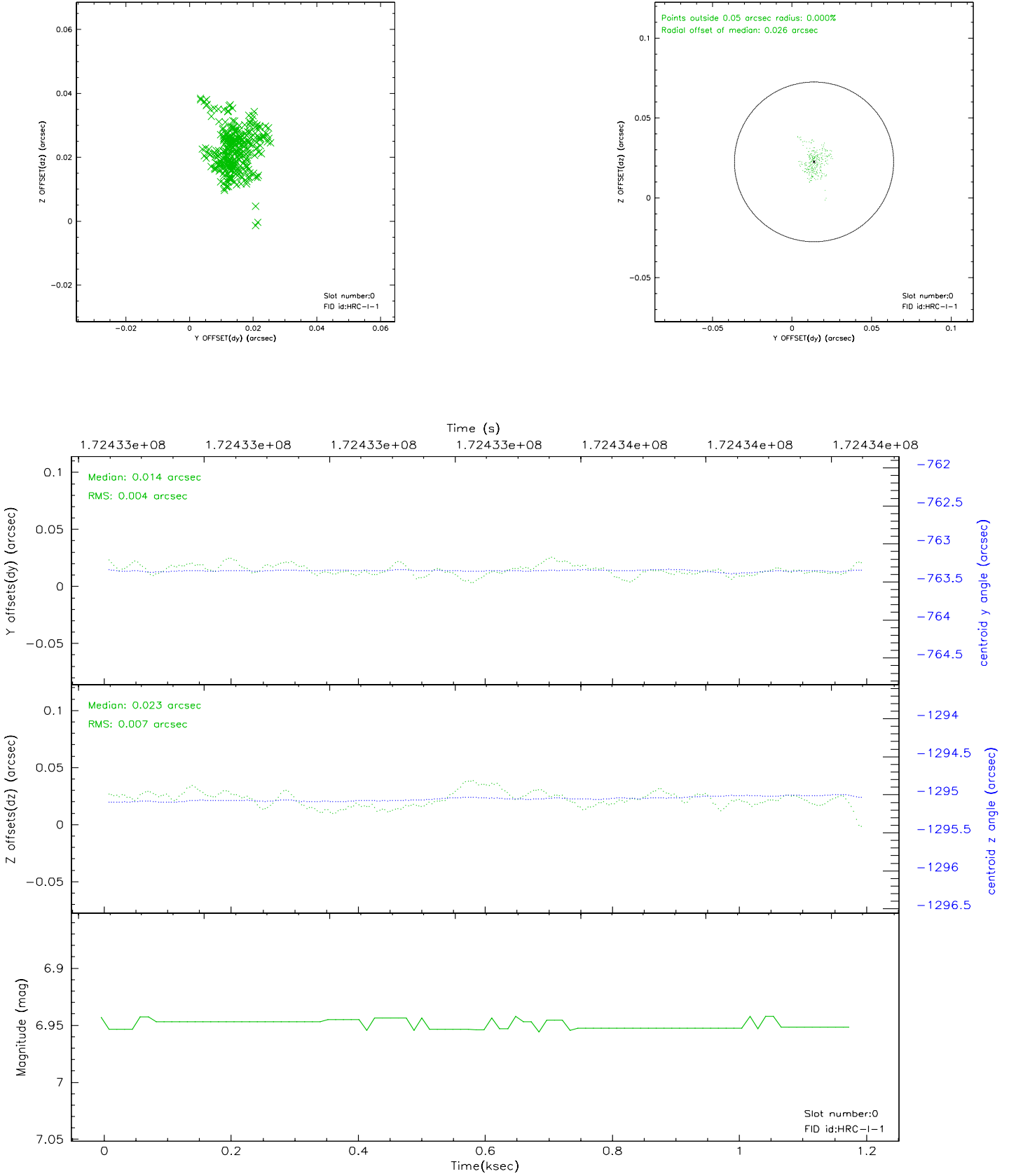


2.4.5 Slot 7

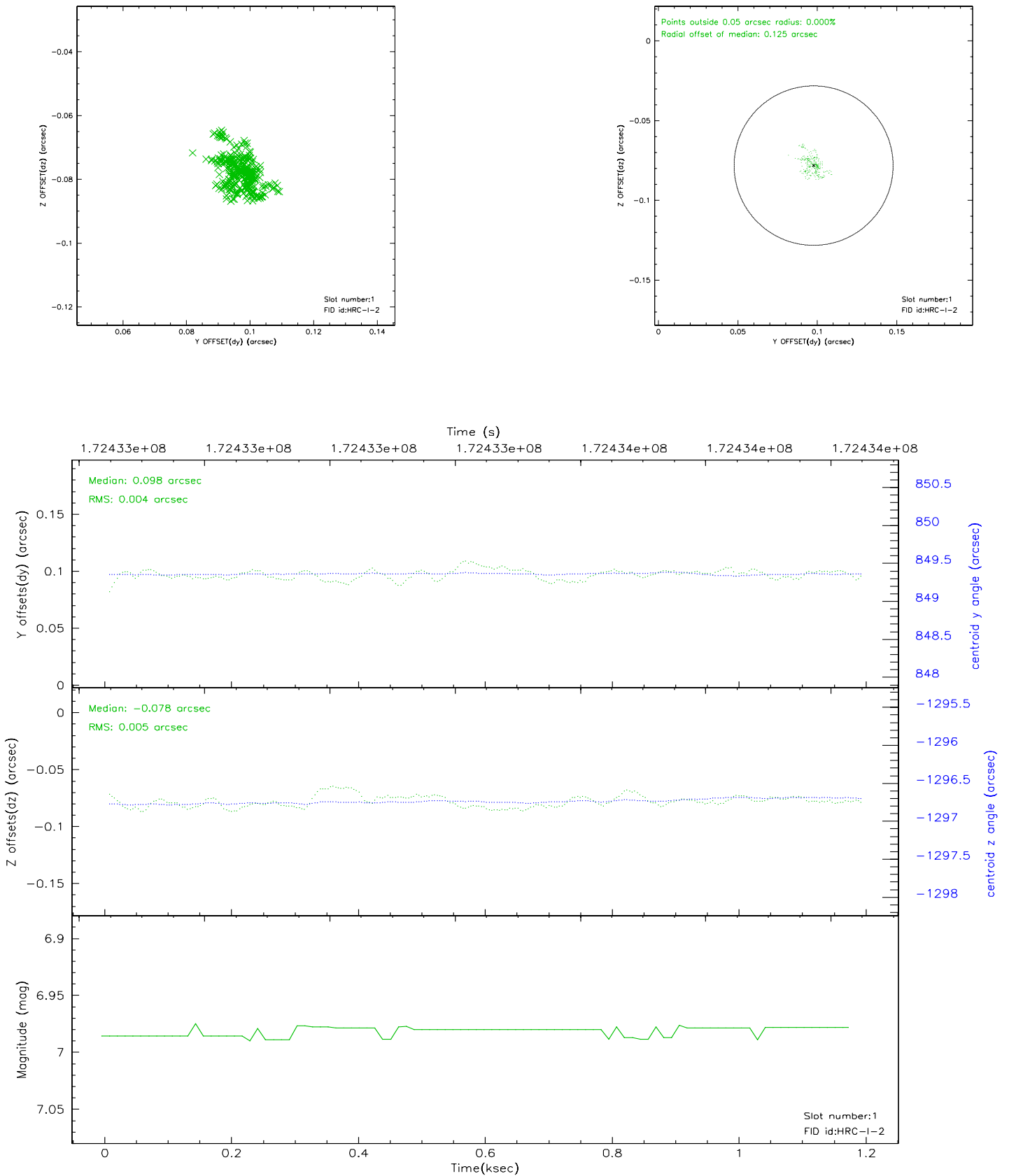


2.5 FID Slots

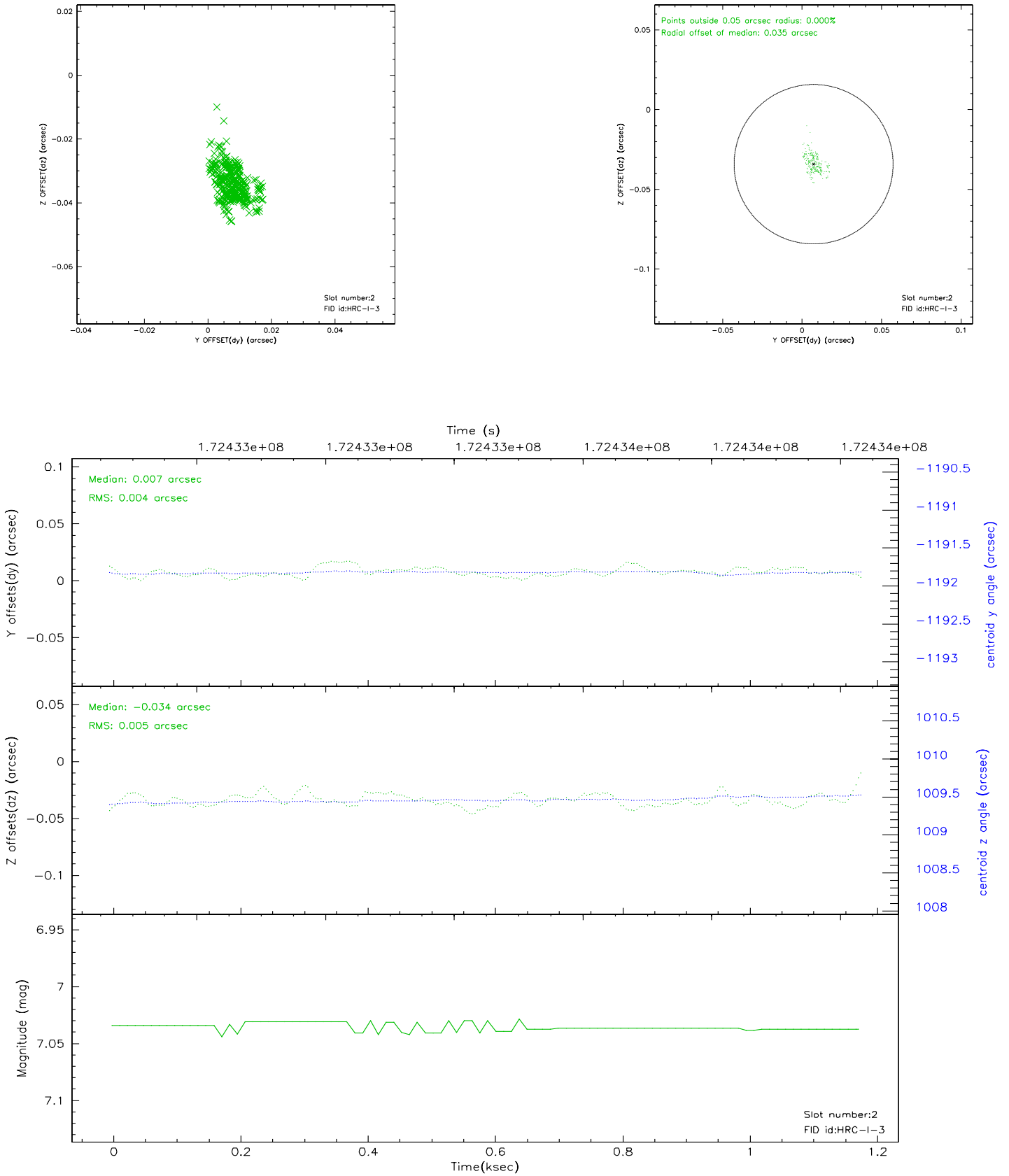
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

17.15 arcmin



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	1.184

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.