

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2721 - L2 Version 3
Chandra X-Ray Center

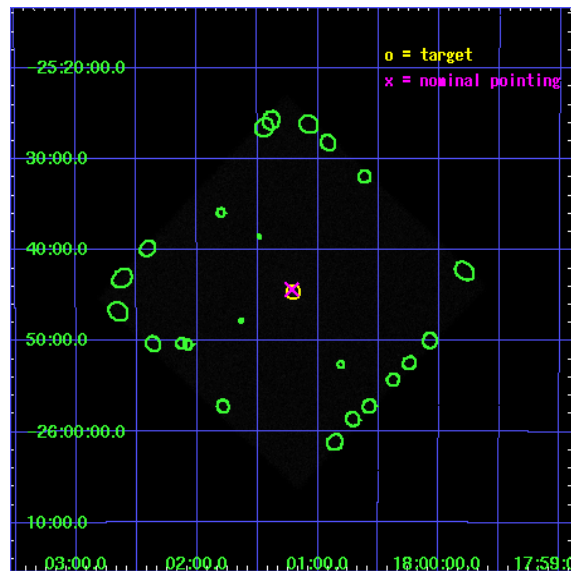
L2 Processing Date : Nov 21 2007

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

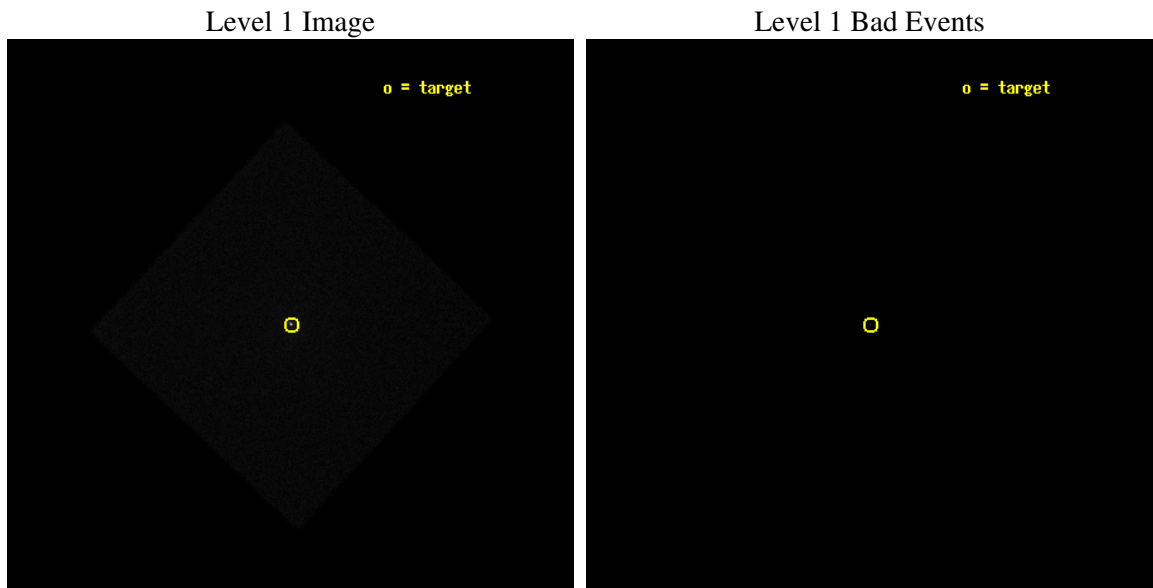
seq_num	400201
obs_id	2721
title	MONITORING THE MORPHOLOGY OF THE MICRO-QUASARS GRS 1758-258 AND 1E 1740.7-2942
observer	Dr. William Heindl
object	GRS 1758-258
ra_targ	270.301667
dec_targ	-25.743306
ra_nom	270.30369940907
dec_nom	-25.739659824755
roll_nom	88.227961241499
revision	3
ontime	9981.4504051507
livetime	9925.9063664773
l2events	319372



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T21:04:44
revision	3

sched_exp_time	10000.000000
ontime	9982.7316568792
l1events	463423

2.1.3 Events

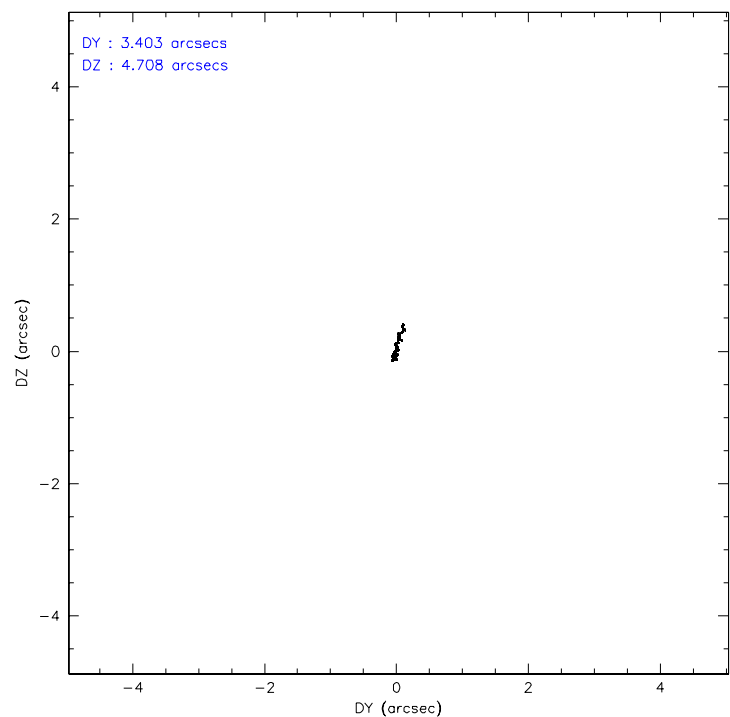
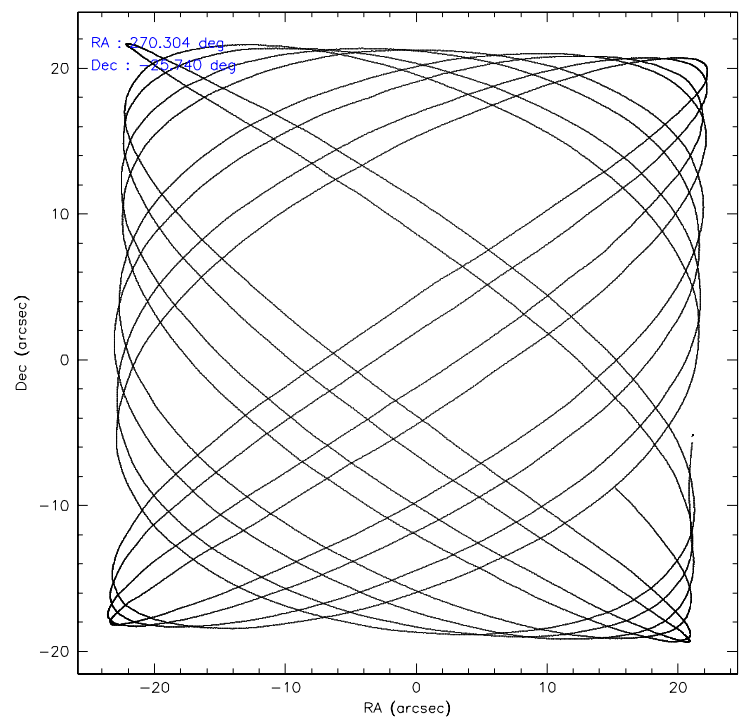
Level 1 Events

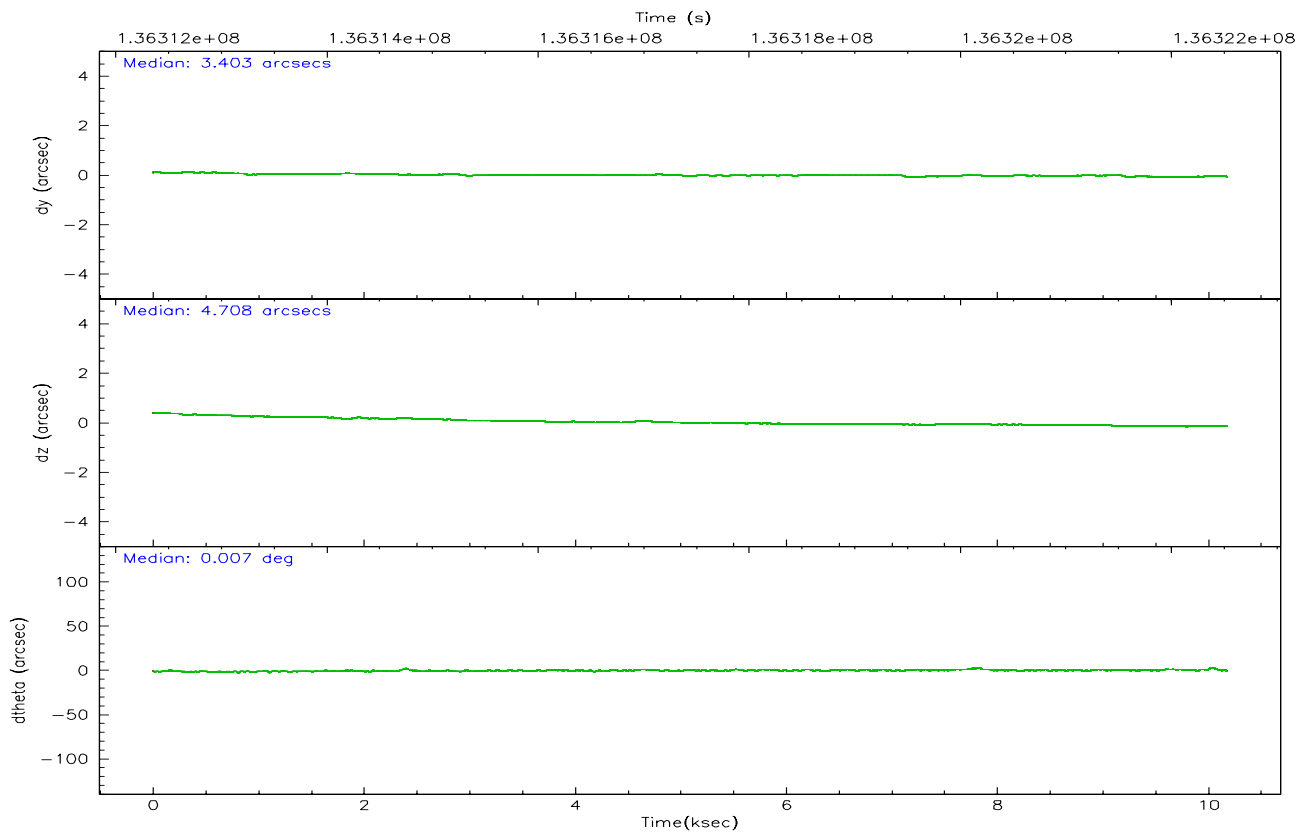
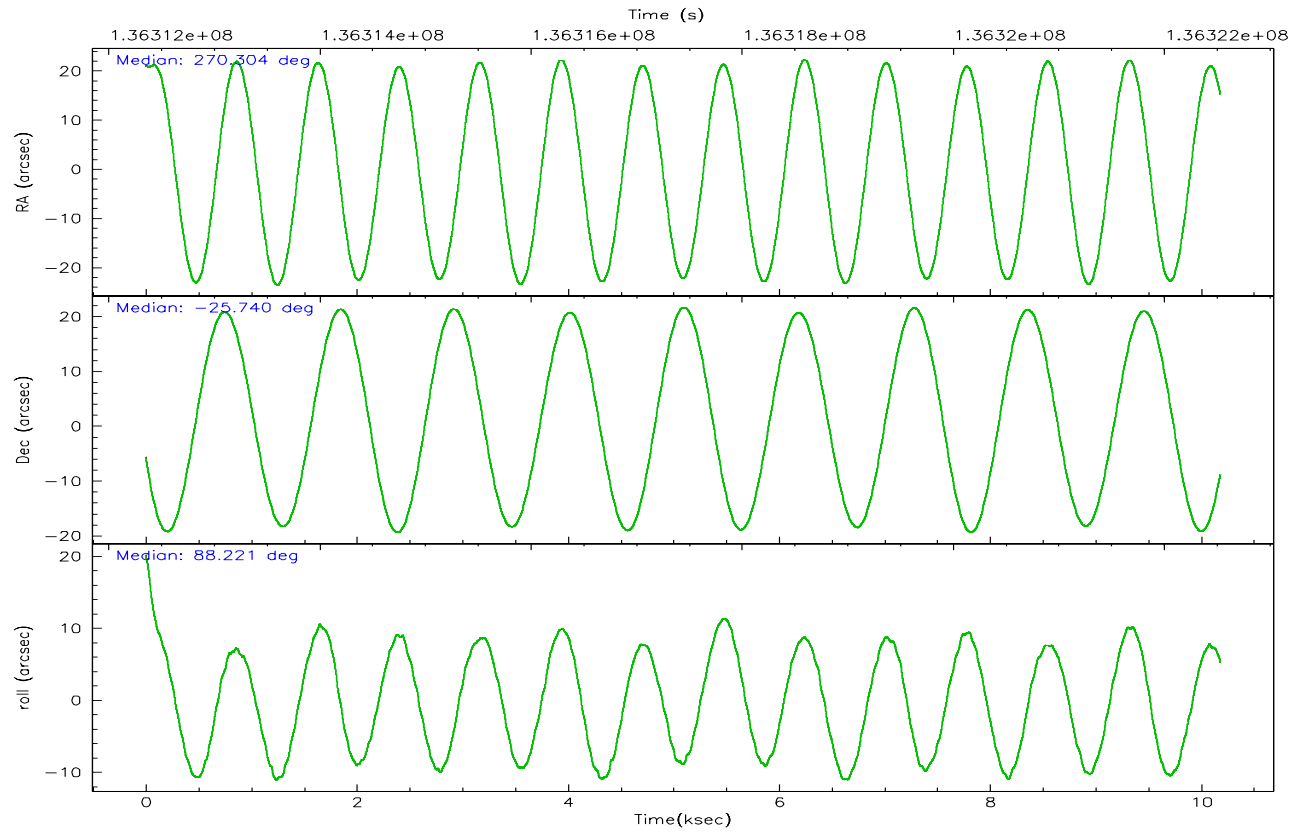
	segment 0
level 1 events	463423
rejected events	2142
rejected %	0%

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	270.318431	270.3036994090689			
Pointing Dec	-25.763083	-25.7396598247554			
Pointing Roll	88.329842	88.22796124149937			
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	136312528.184000	136312001.76947			
Observation start date	2002-04-27T16:34:24	2002-04-27T16:26:41			
Observation end time	136322528.184000	136323467.93244			
Observation end date	2002-04-27T19:21:04	2002-04-27T19:37:47			

2.3 Aspect



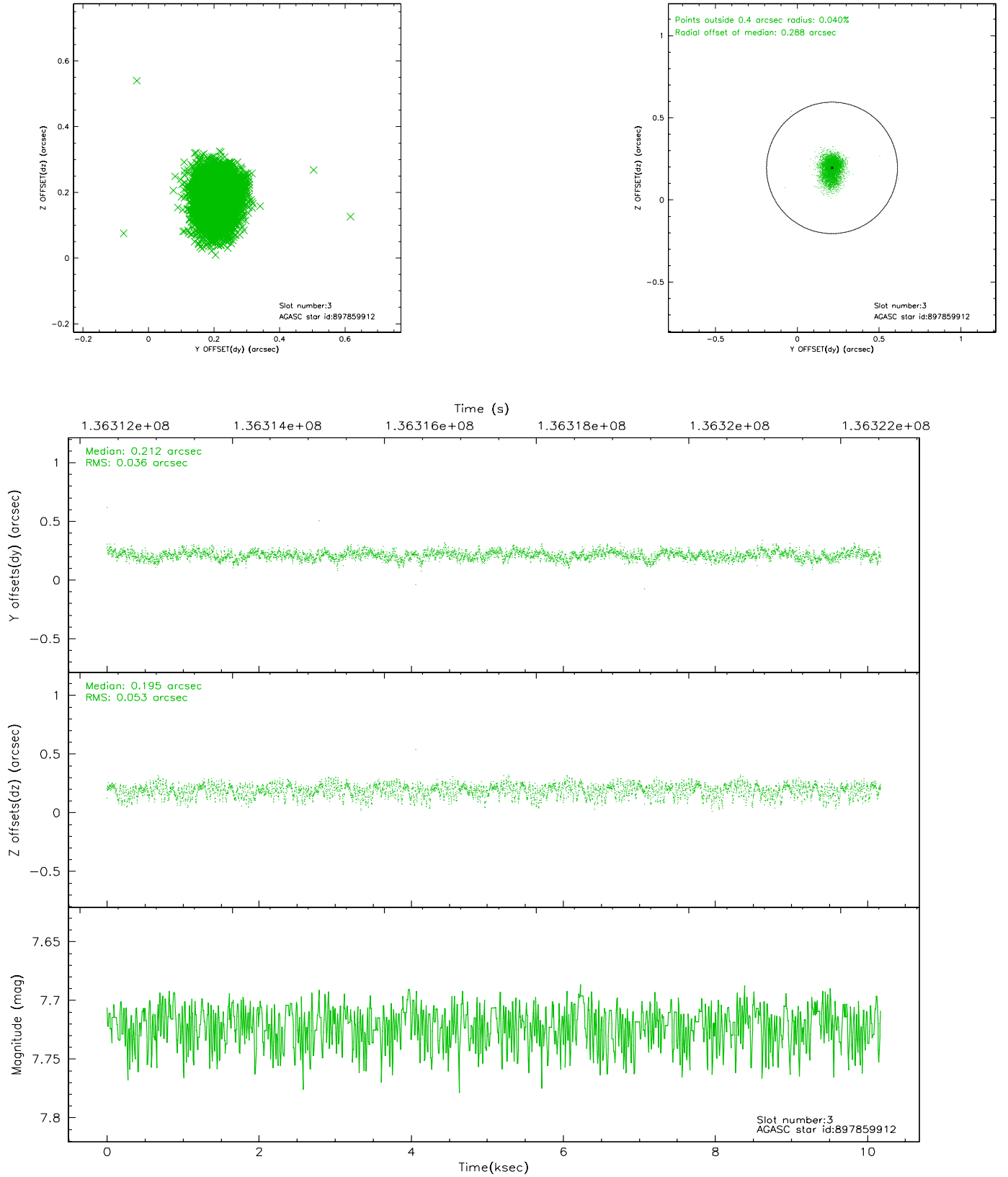


Slot Statistics

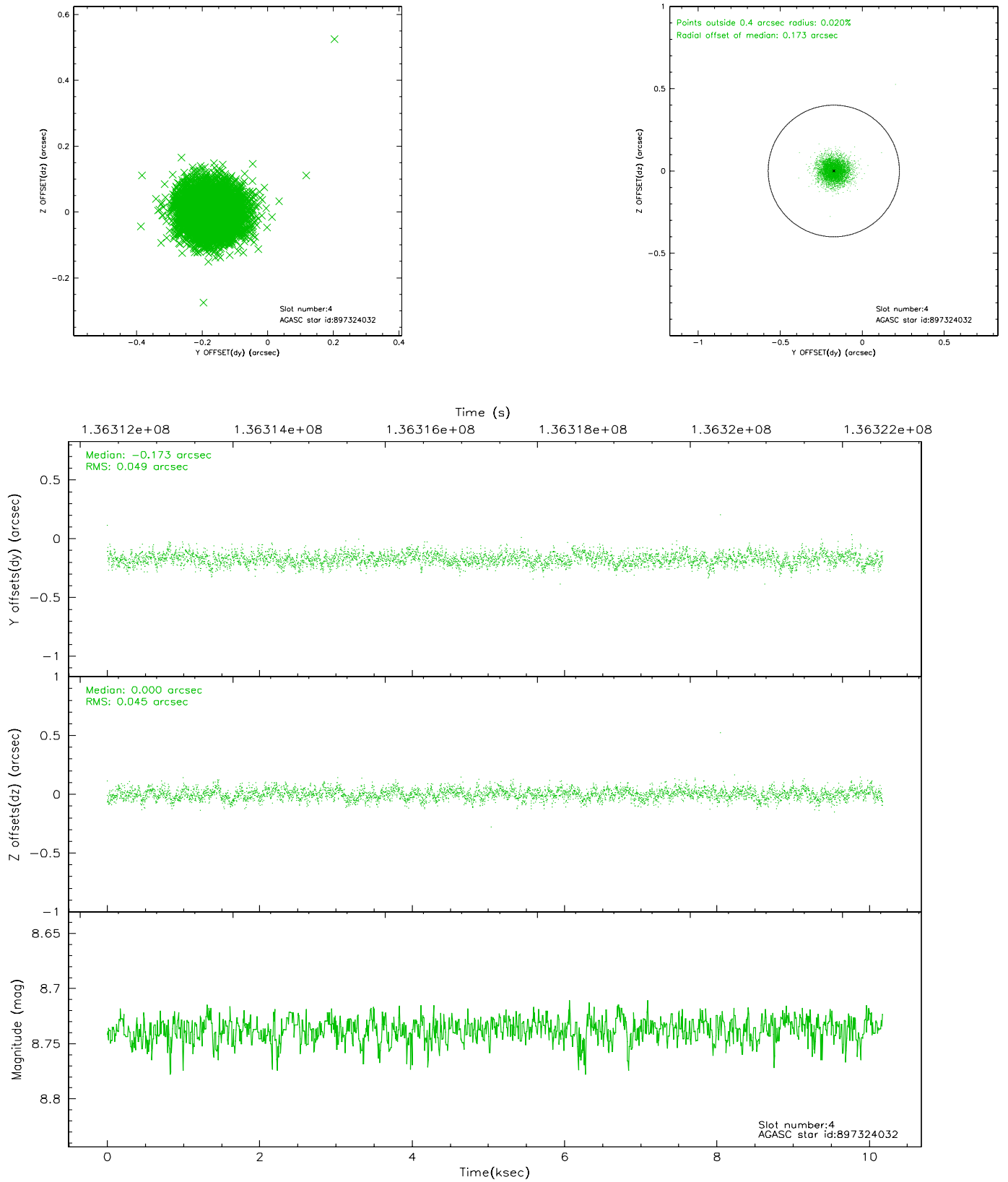
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	2483	0.010	0.063	0.010	0.018	0.000000	0.000000	-758.86	-1292.49
1	FID	HRC-I-2	7.00	2483	0.076	-0.058	0.008	0.013	0.000000	0.000000	853.53	-1294.66
2	FID	HRC-I-3	7.05	2483	0.033	-0.094	0.007	0.012	0.000000	0.000000	-1187.02	1011.39
3	GUIDE	897859912	7.72	4965	0.212	0.195	0.067	0.111	270.849161	-26.319822	-1956.19	-1770.79
4	GUIDE	897324032	8.74	4964	-0.173	0.000	0.070	0.114	270.314237	-25.107248	2359.46	82.03
5	GUIDE	897326256	8.27	4966	-0.160	0.390	0.067	0.106	271.063775	-25.425801	1278.57	-2386.92
6	GUIDE	897188632	8.65	4966	-0.126	-0.194	0.068	0.112	269.725883	-25.281908	1671.33	1977.65
7	GUIDE	897188560	8.35	4965	0.248	-0.382	0.076	0.123	269.612088	-26.091773	-1254.80	2247.63

2.4 Star Slots

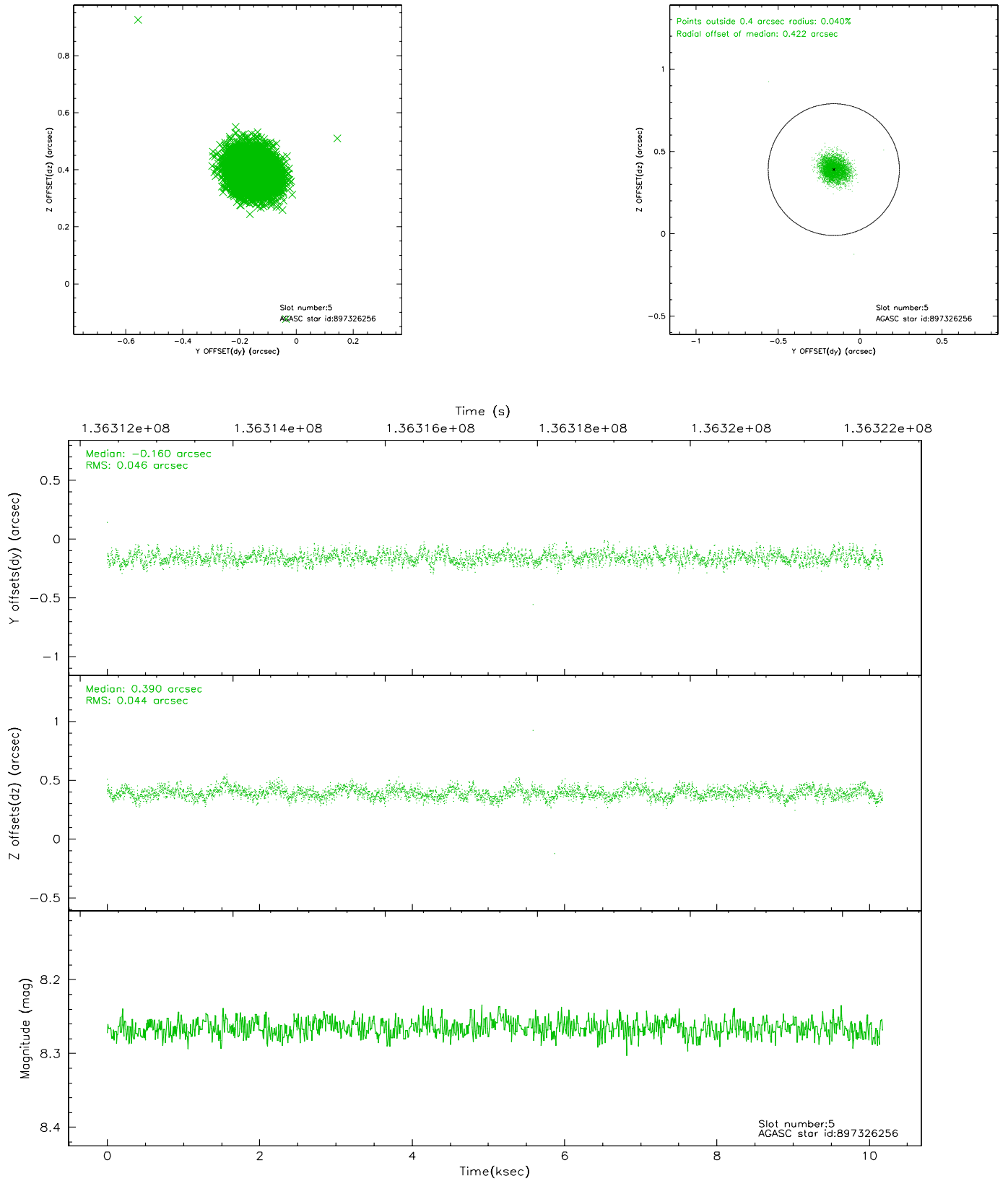
2.4.1 Slot 3



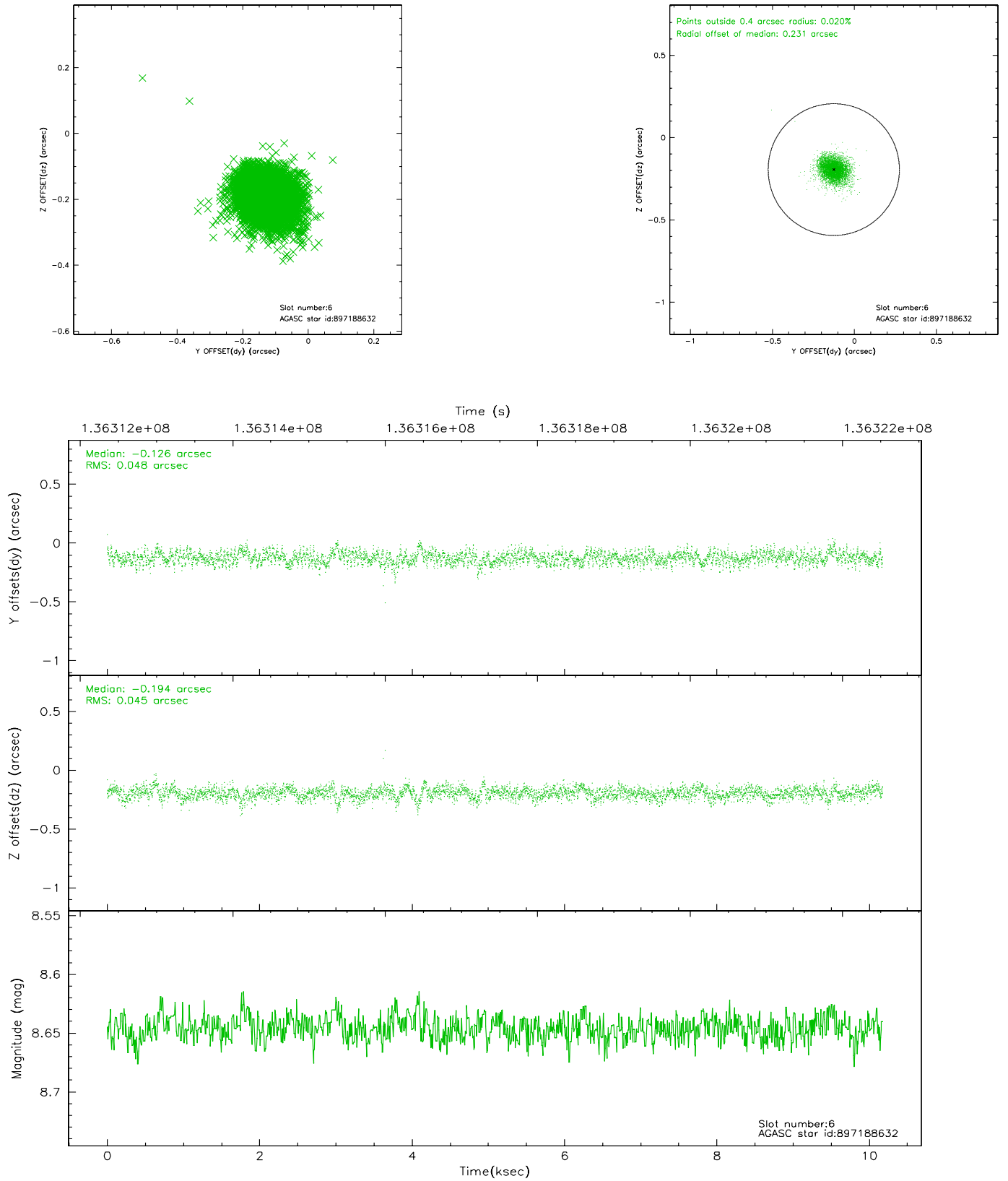
2.4.2 Slot 4



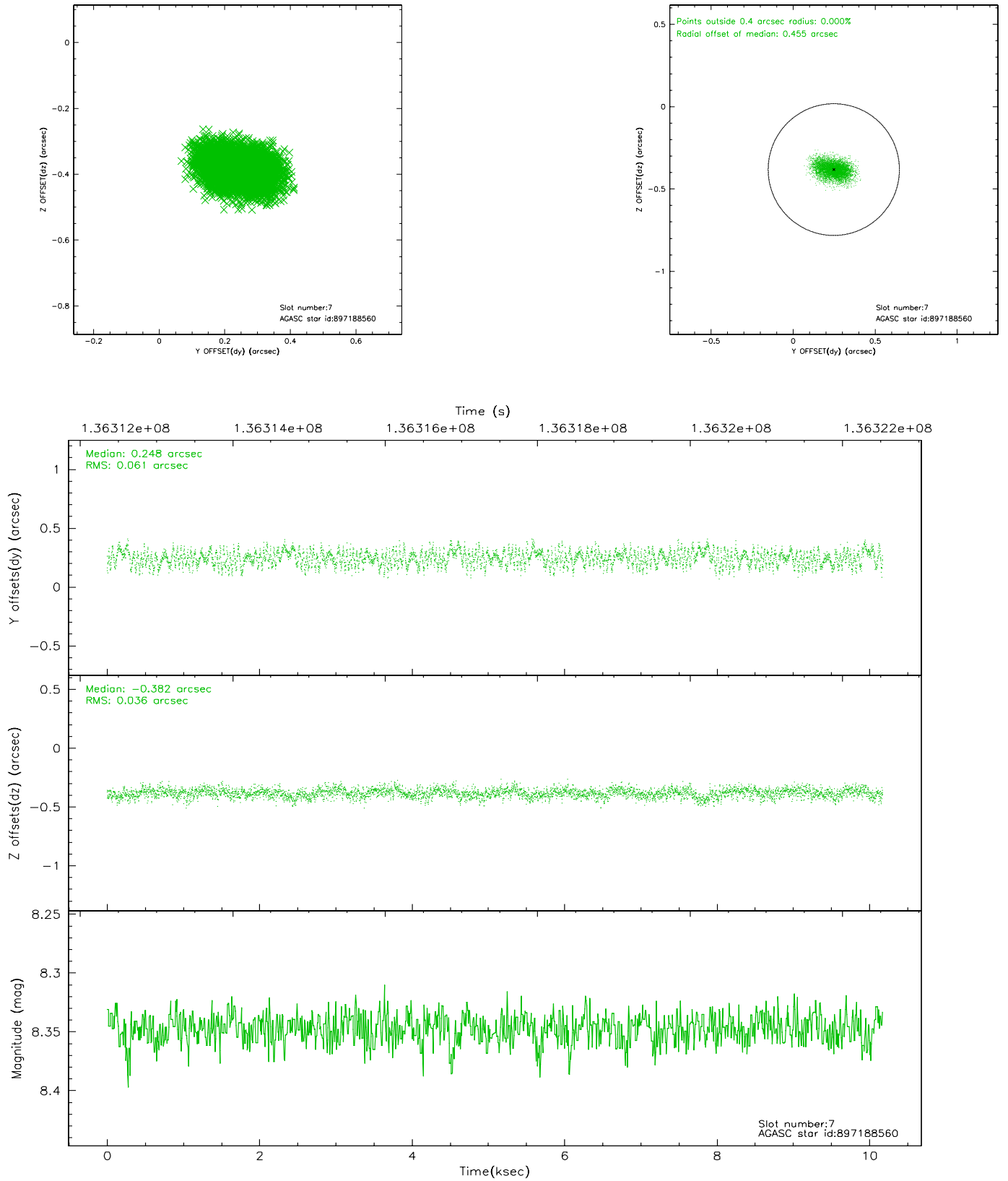
2.4.3 Slot 5



2.4.4 Slot 6

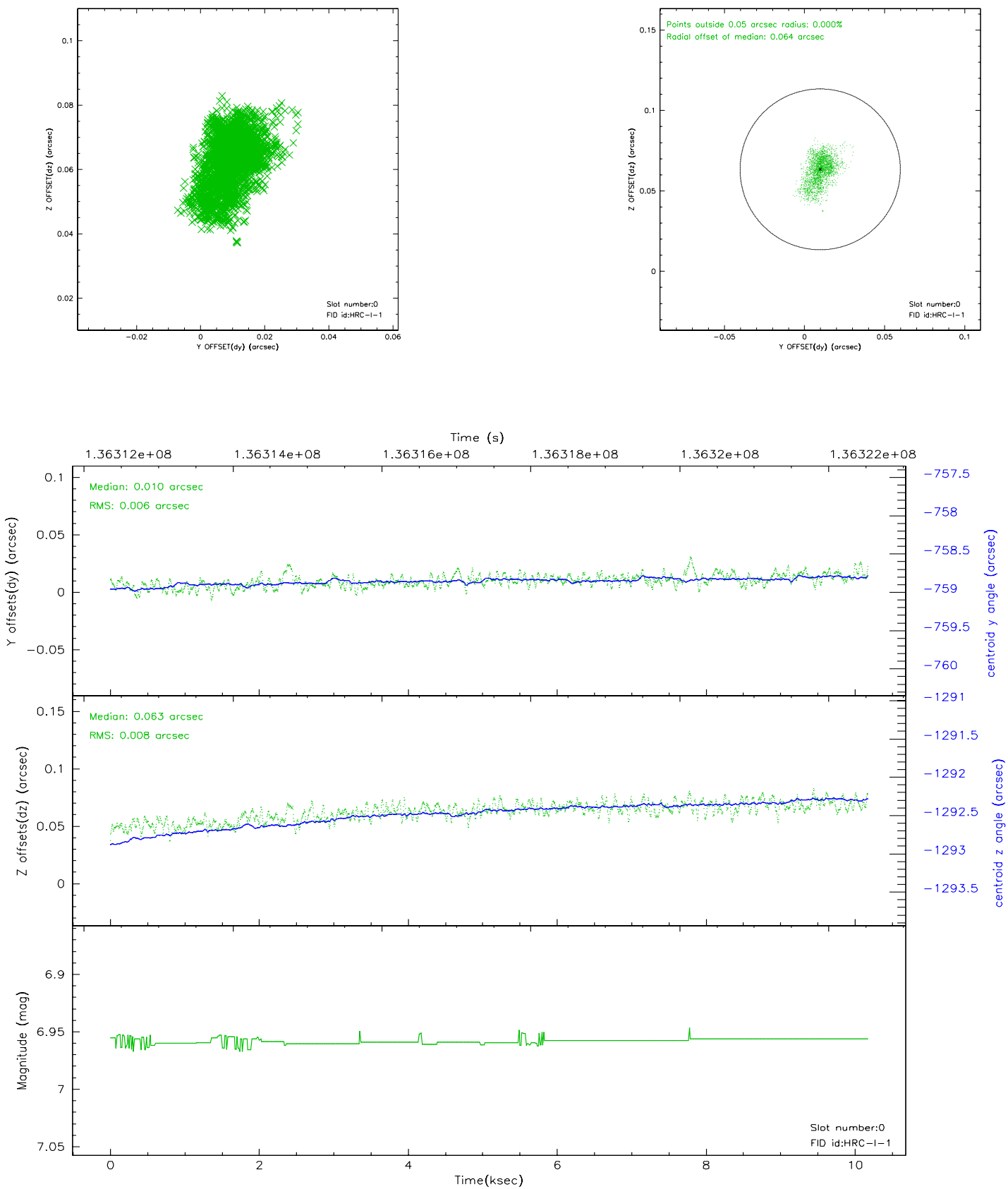


2.4.5 Slot 7

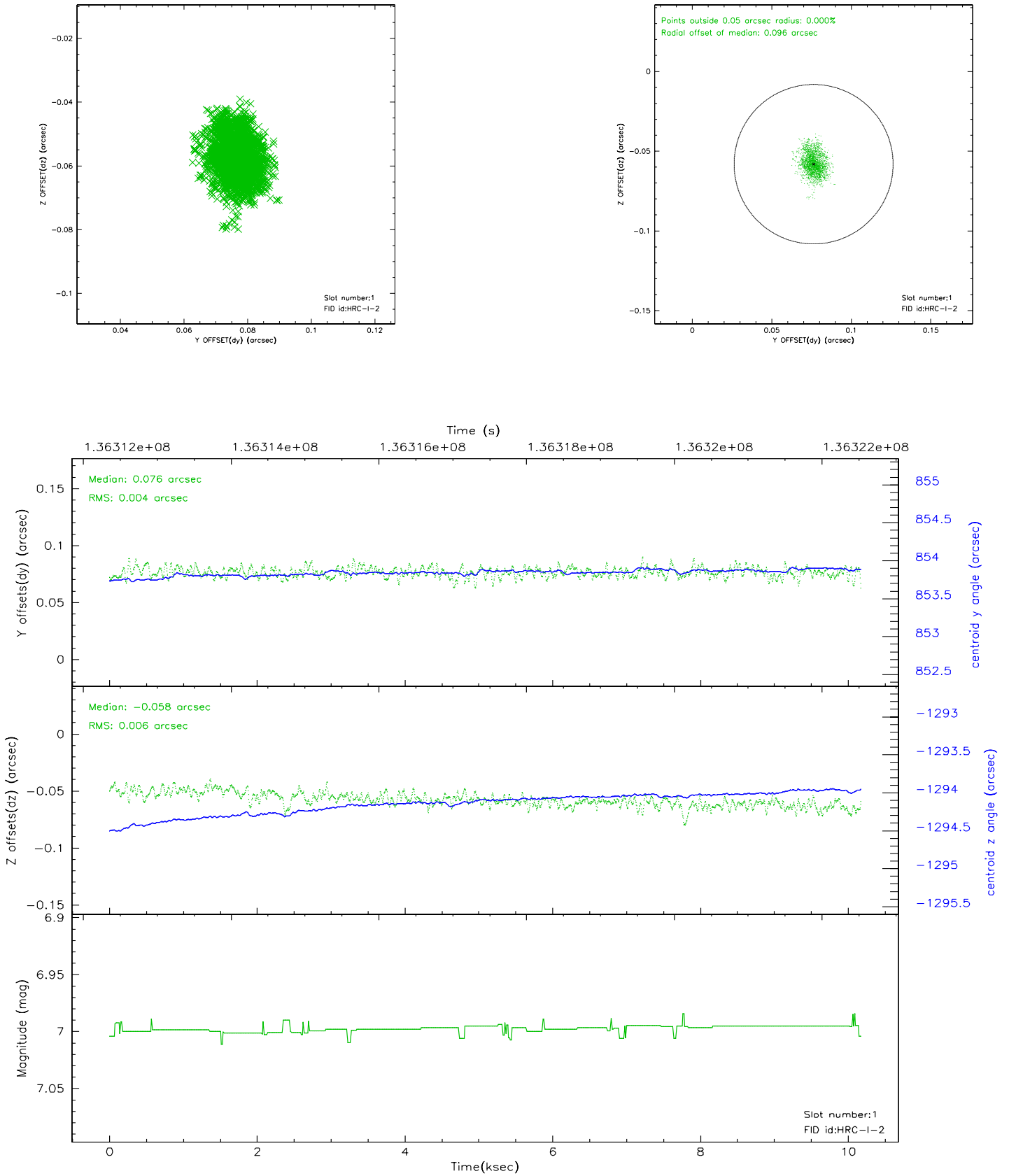


2.5 FID Slots

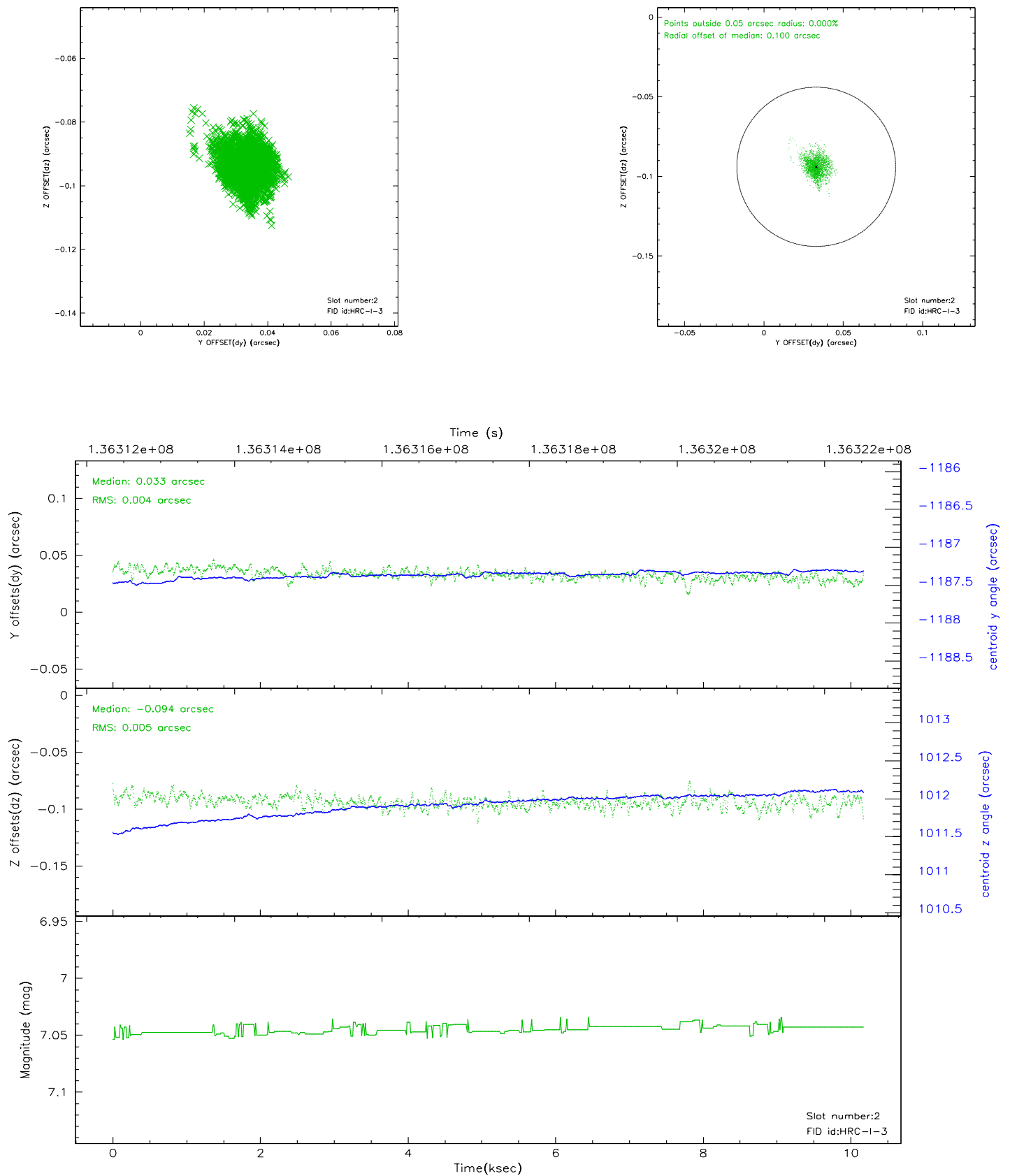
2.5.1 Slot 0



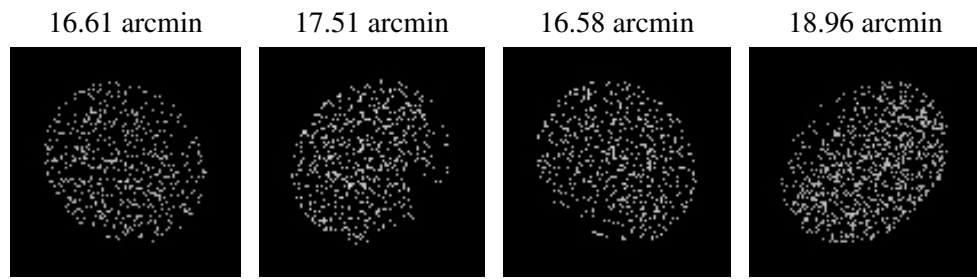
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.981

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.