

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2911 - L2 Version 3
Chandra X-Ray Center

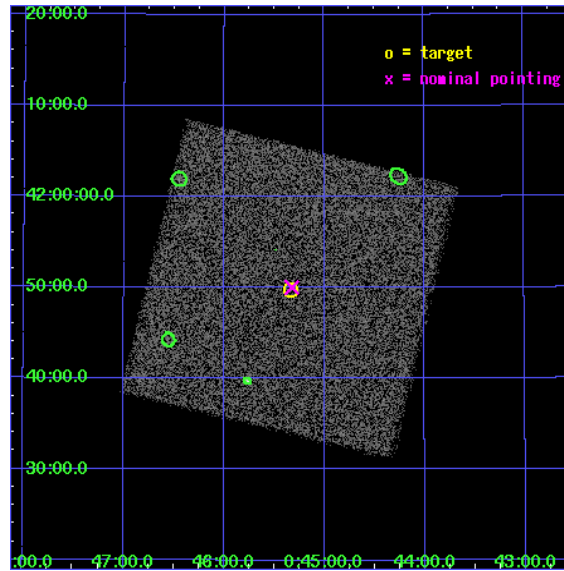
L2 Processing Date : Nov 20 2007

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1 Front

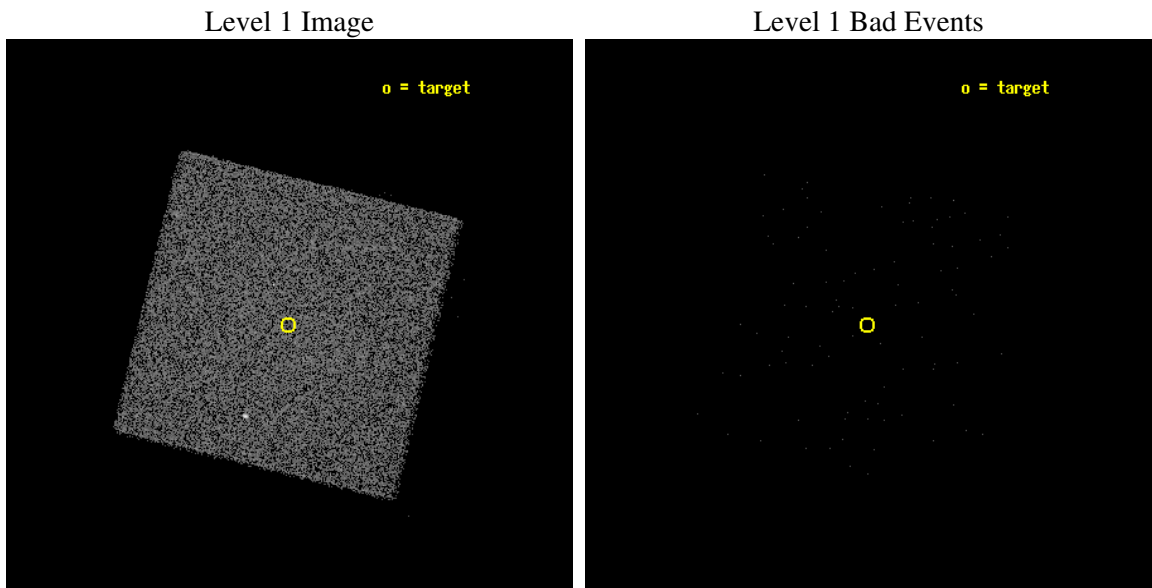
seq_num	600248
obs_id	2911
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-N2
ra_targ	11.332917
dec_targ	41.83
ra_nom	11.330584998044
dec_nom	41.833868091896
roll_nom	148.71079225693
revision	3
ontime	1183.8750467747
livetime	1176.4176311094
l2events	46689



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	2007-11-20T19:21:09
revision	3

sched_exp_time	1000.000000
ontime	1183.8750467747
l1events	80488

2.1.3 Events

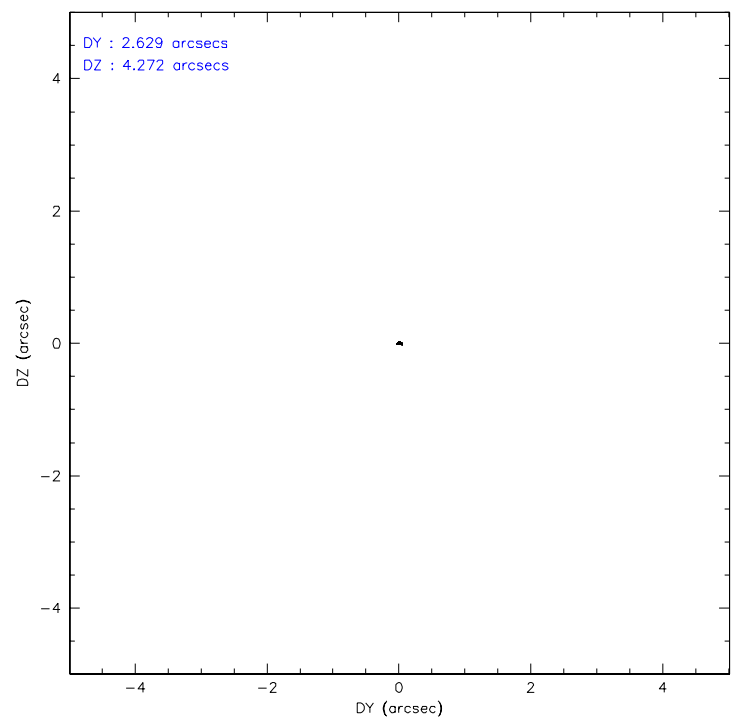
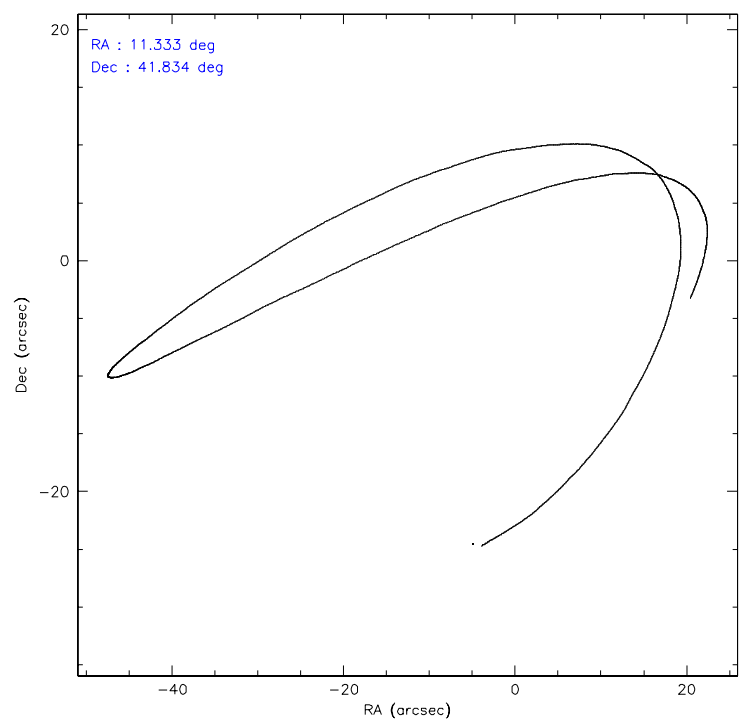
Level 1 Events

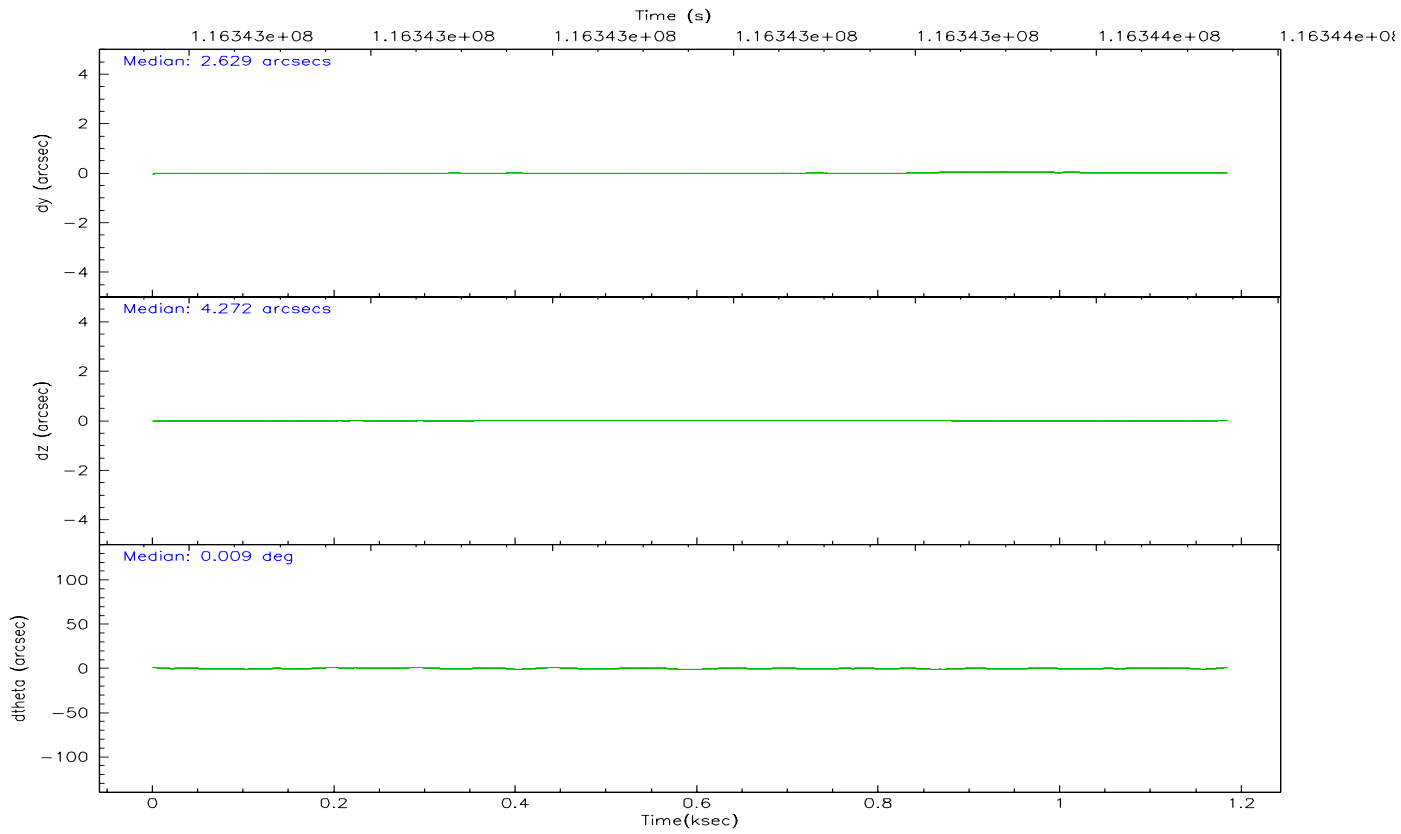
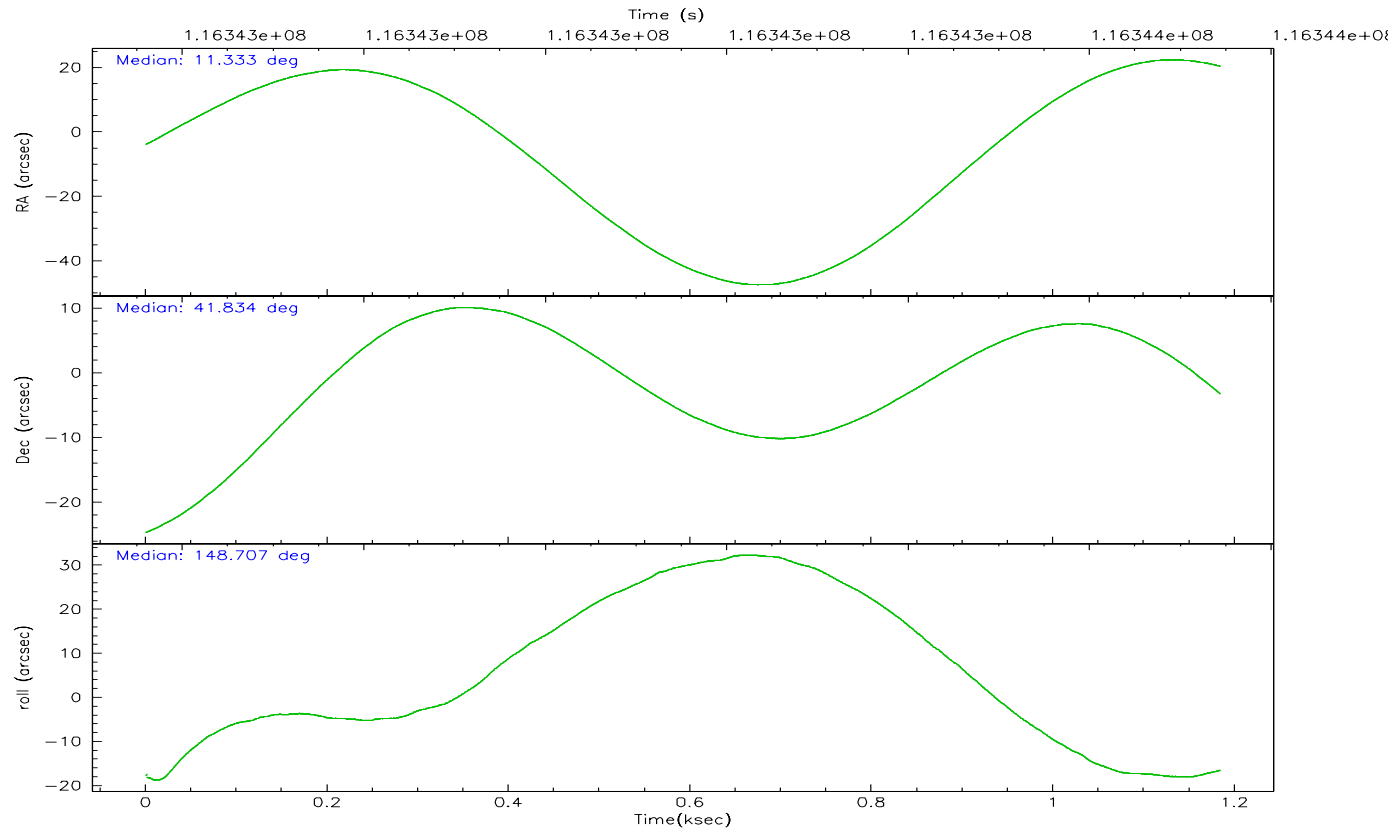
	segment 0
level 1 events	80488
rejected events	13823
rejected %	17%

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	11.365999	11.33058499804429			
Pointing Dec	41.833378	41.83386809189574			
Pointing Roll	148.782706	148.7107922569303			
Window start time	117072064.184000	117072064.184000			
Window stop time	117676864.184000	117676864.184000			
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	116342745.184000	116342369.28044			
Observation start date	2001-09-08T13:24:41	2001-09-08T13:19:29			
Observation end time	116343745.184000	116344626.33053			
Observation end date	2001-09-08T13:41:21	2001-09-08T13:57:06			

2.3 Aspect



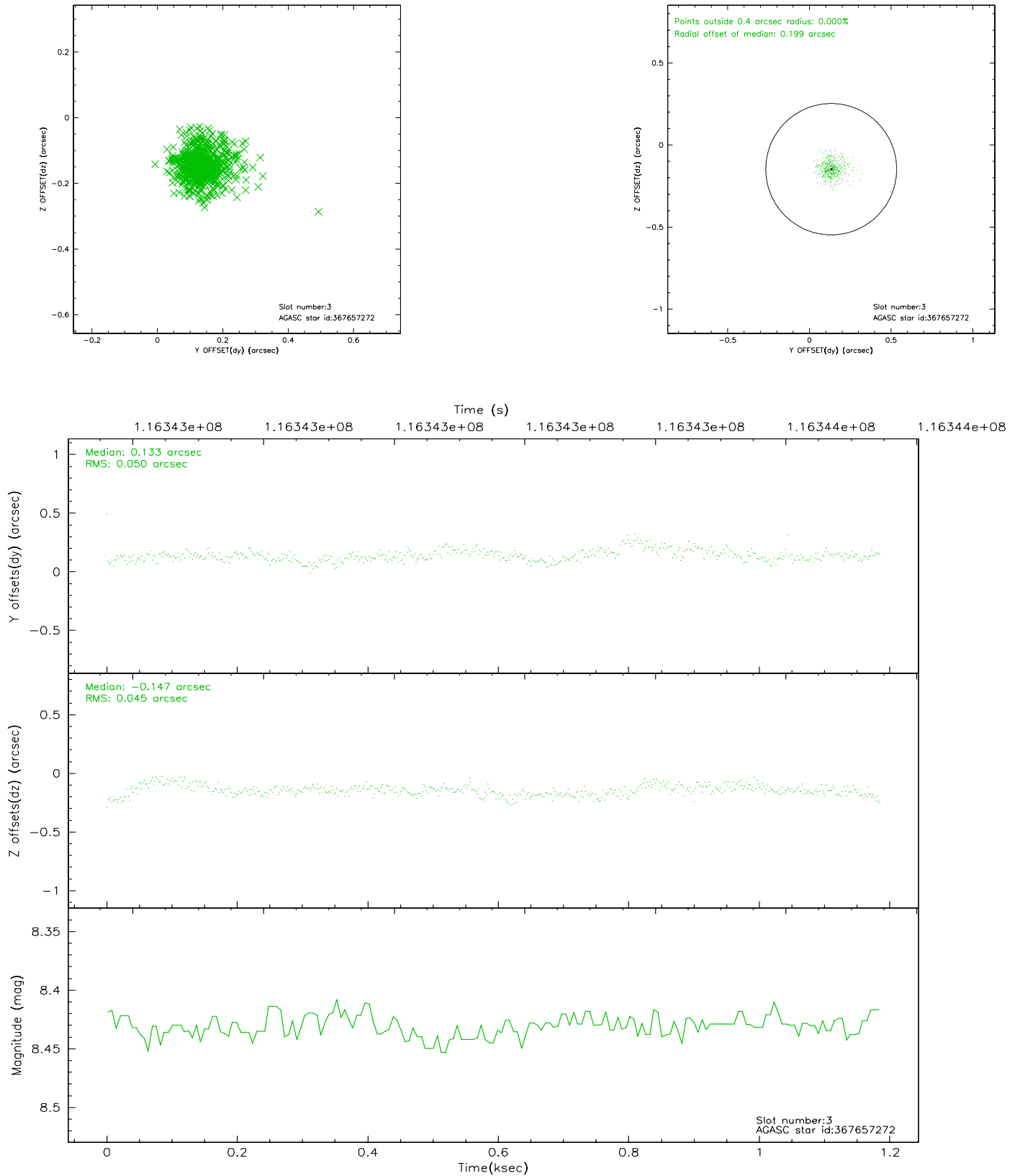


Slot Statistics

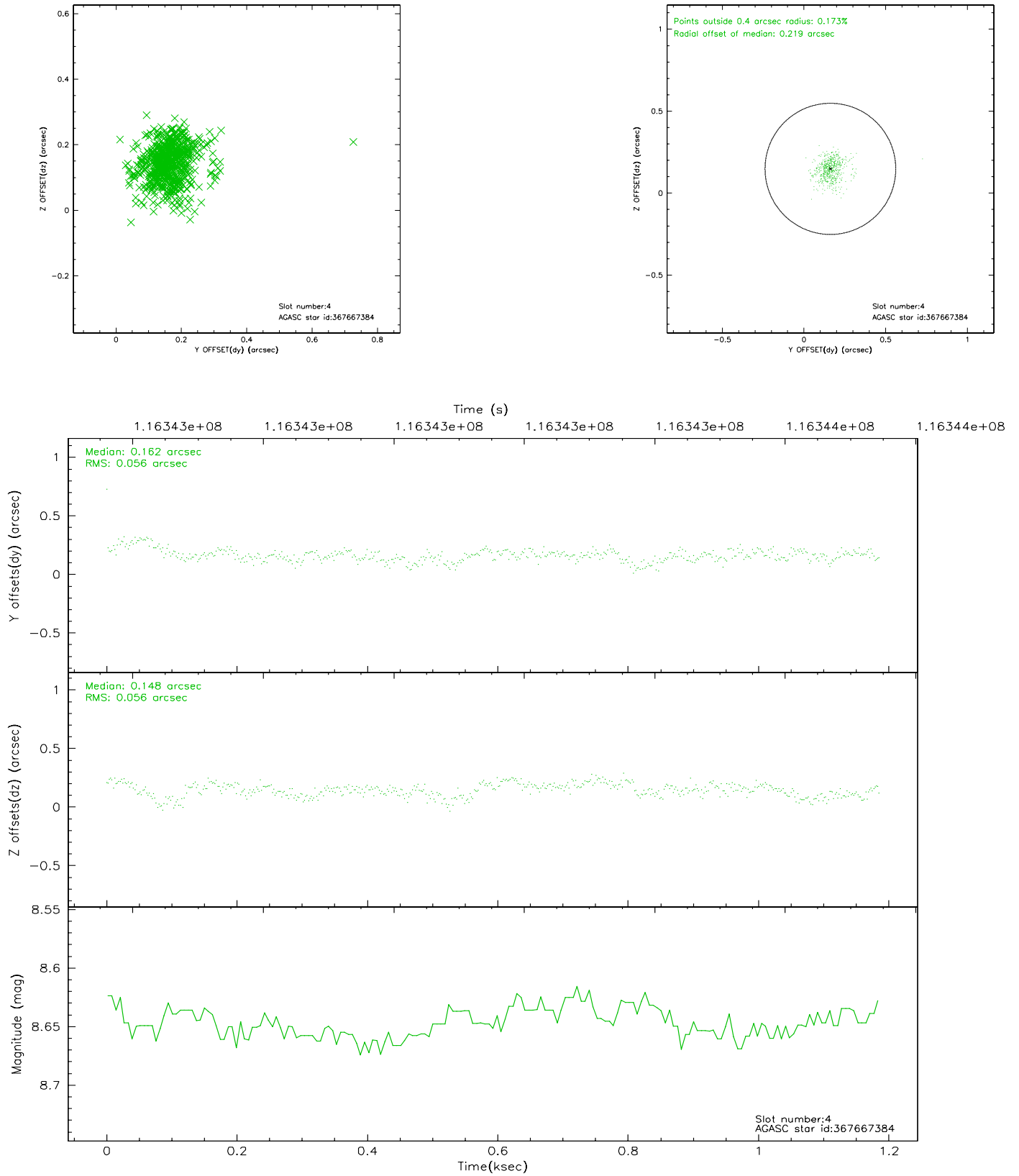
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	289	0.024	0.064	0.006	0.010	0.000000	0.000000	-758.08	-1292.03
1	FID	HRC-I-2	7.01	289	0.071	-0.067	0.006	0.010	0.000000	0.000000	851.97	-1298.20
2	FID	HRC-I-3	7.05	289	0.025	-0.087	0.006	0.011	0.000000	0.000000	-1183.61	1007.90
3	GUIDE	367657272	8.43	579	0.133	-0.147	0.069	0.116	11.834471	41.298907	-2075.83	988.77
4	GUIDE	367667384	8.65	579	0.162	0.148	0.080	0.138	12.077552	41.596878	-2075.73	-266.64
5	GUIDE	367674552	8.85	579	-0.085	-0.036	0.072	0.112	11.016238	41.570845	316.13	1297.47
6	GUIDE	367671800	9.41	579	-0.138	-0.057	0.101	0.180	10.554735	41.964935	2111.41	717.05
7	GUIDE	367670520	9.27	578	-0.075	0.109	0.081	0.134	11.265516	42.371946	1240.22	-1515.27

2.4 Star Slots

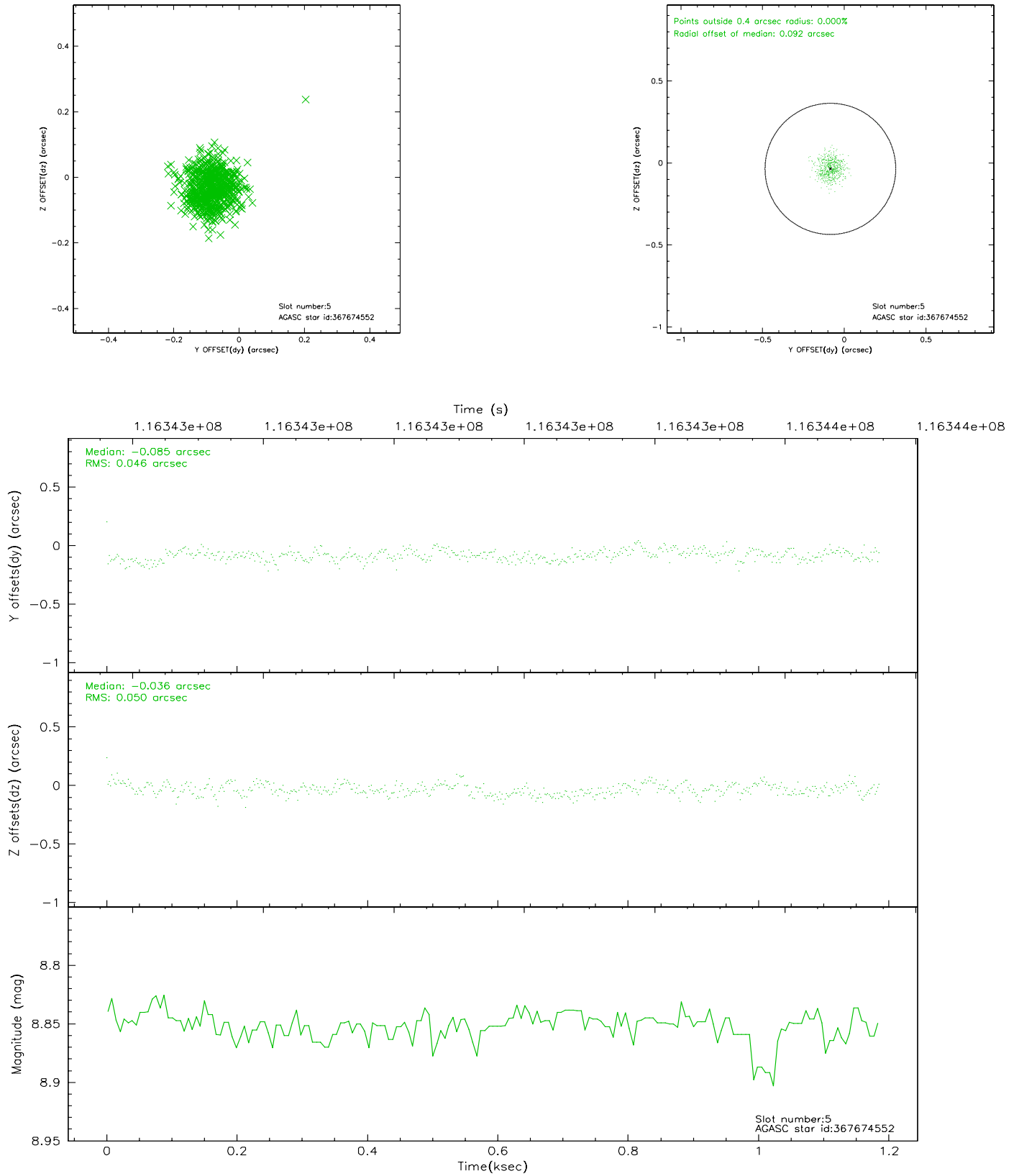
2.4.1 Slot 3



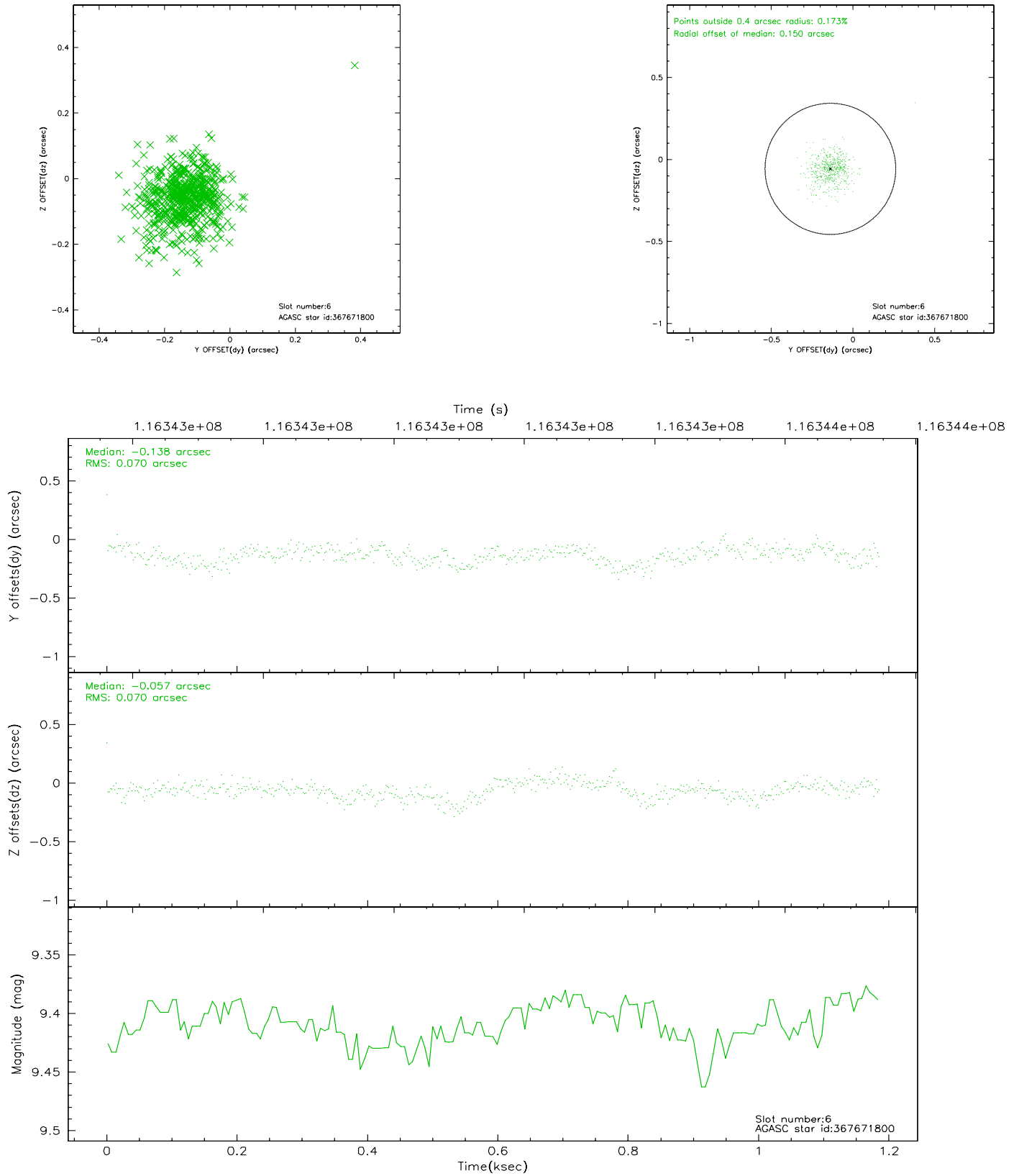
2.4.2 Slot 4



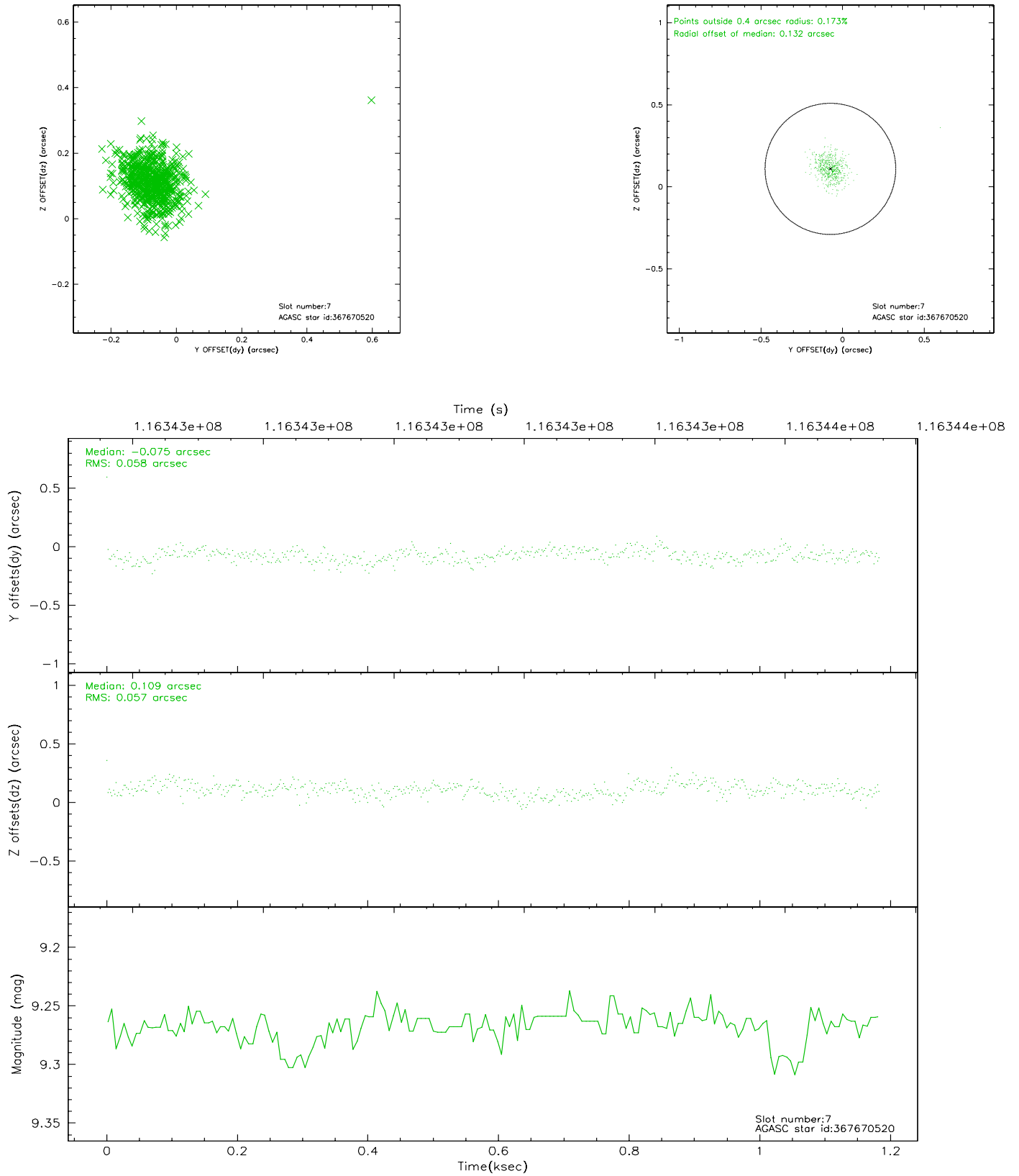
2.4.3 Slot 5



2.4.4 Slot 6

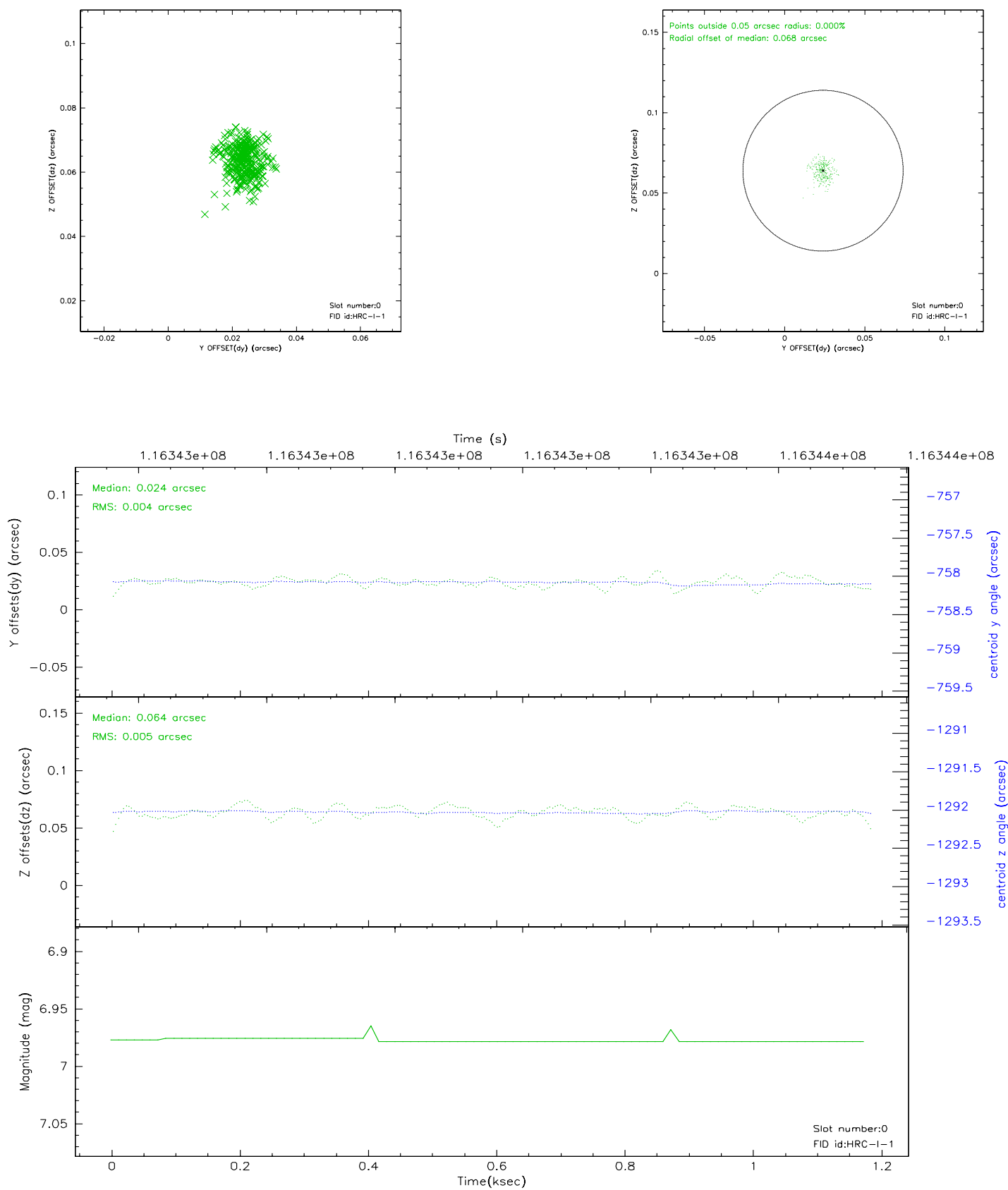


2.4.5 Slot 7

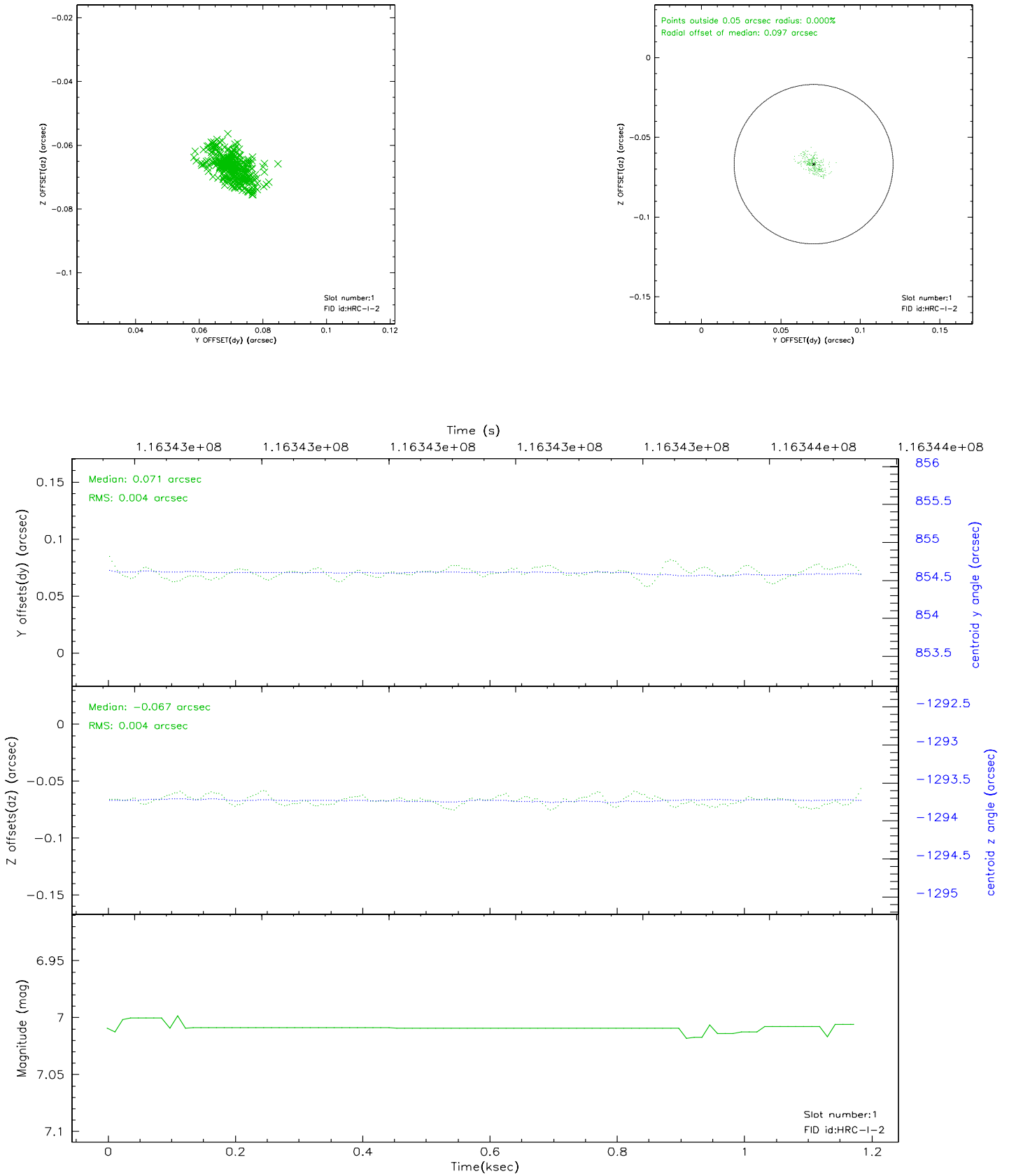


2.5 FID Slots

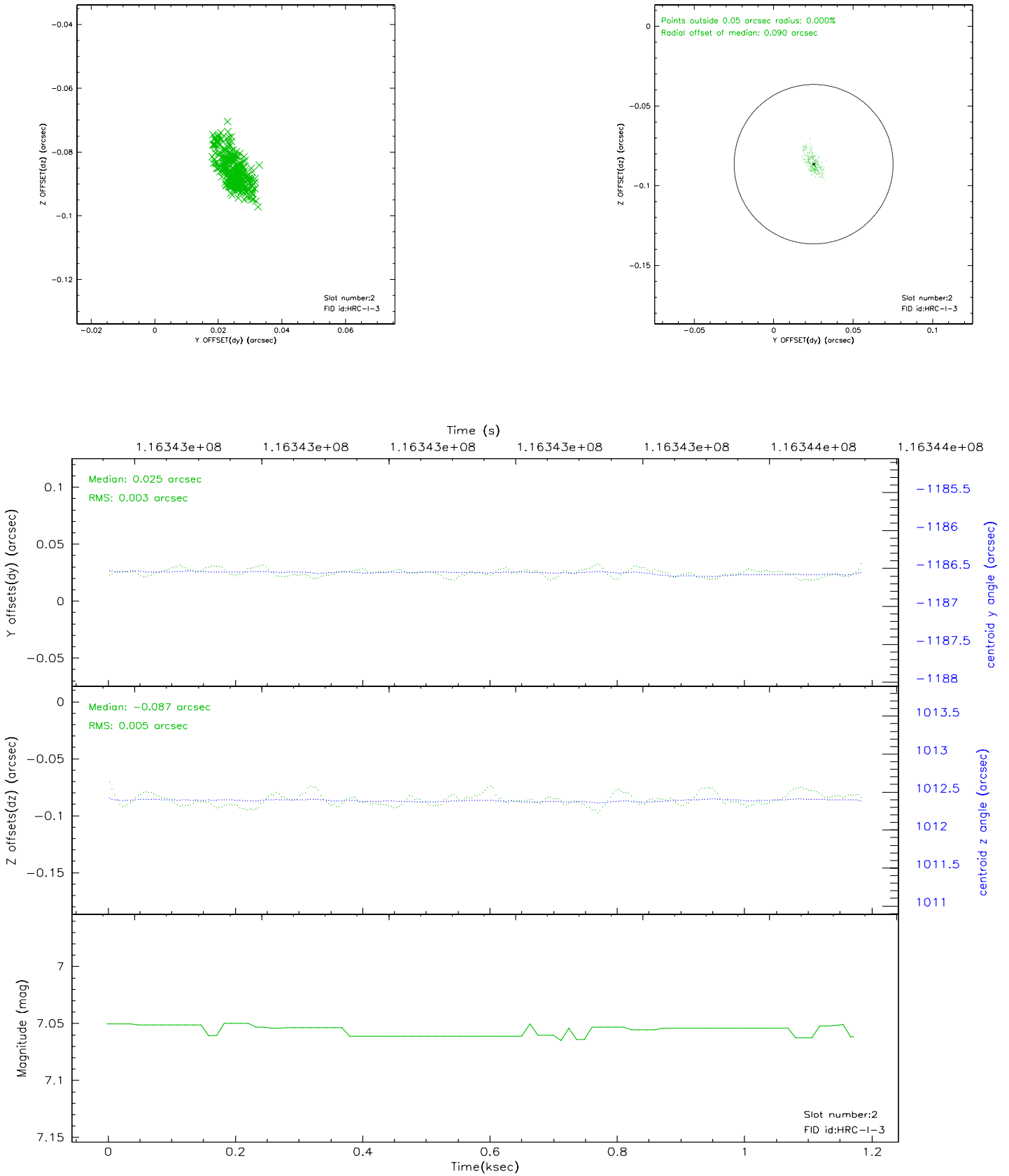
2.5.1 Slot 0



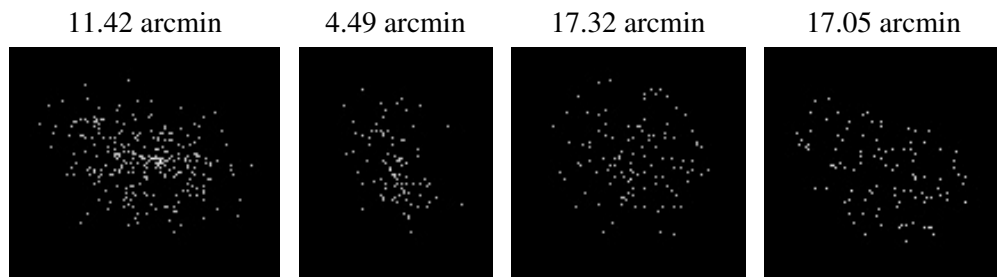
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.183

A.2 Comments

Window constraint not met.

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.