

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 251 - L2 Version 4
Chandra X-Ray Center

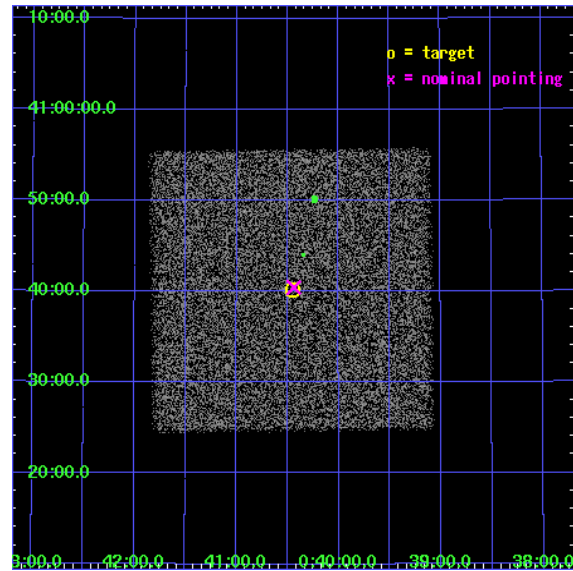
L2 Processing Date : Nov 20 2007

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1 Front

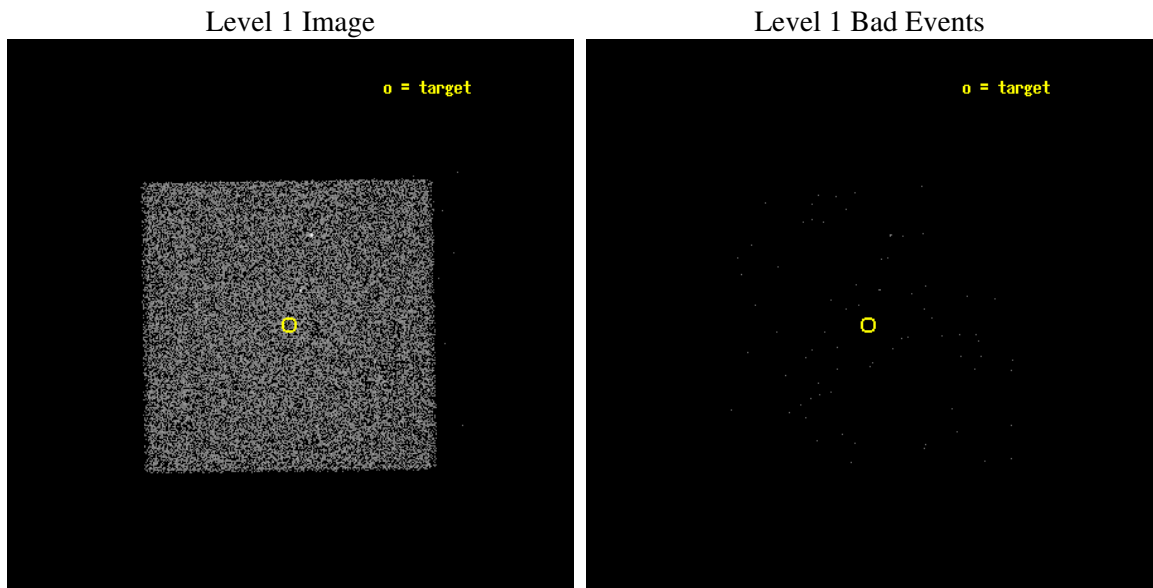
seq_num	600011
obs_id	251
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 2
ra_targ	10.1125
dec_targ	40.67
ra_nom	10.109475345097
dec_nom	40.674178267219
roll_nom	134.30245004901
revision	4
ontime	981.18128675222
livetime	975.85901558808
l2events	33560



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	2007-11-20T13:39:16
revision	4

sched_exp_time	1000.000000
ontime	981.18128675222
l1events	50197

2.1.3 Events

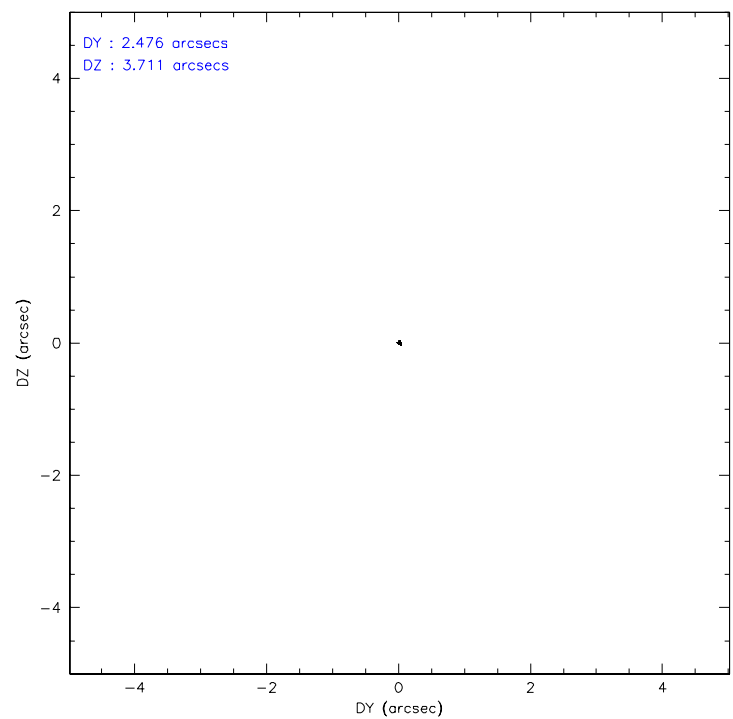
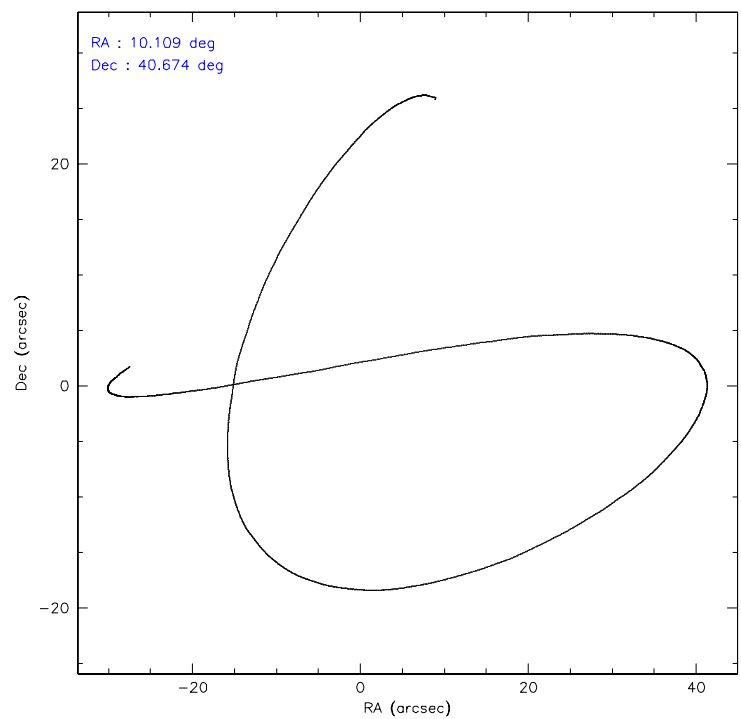
Level 1 Events

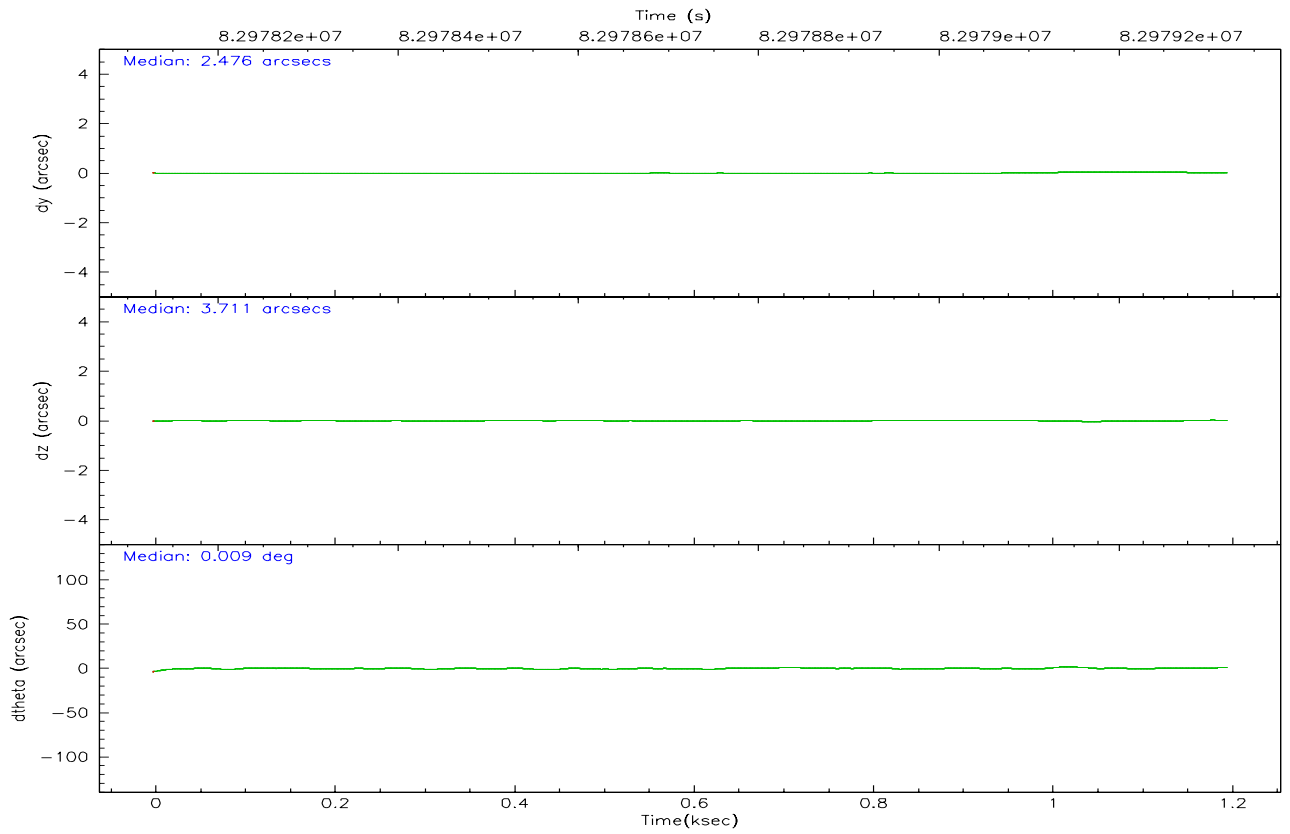
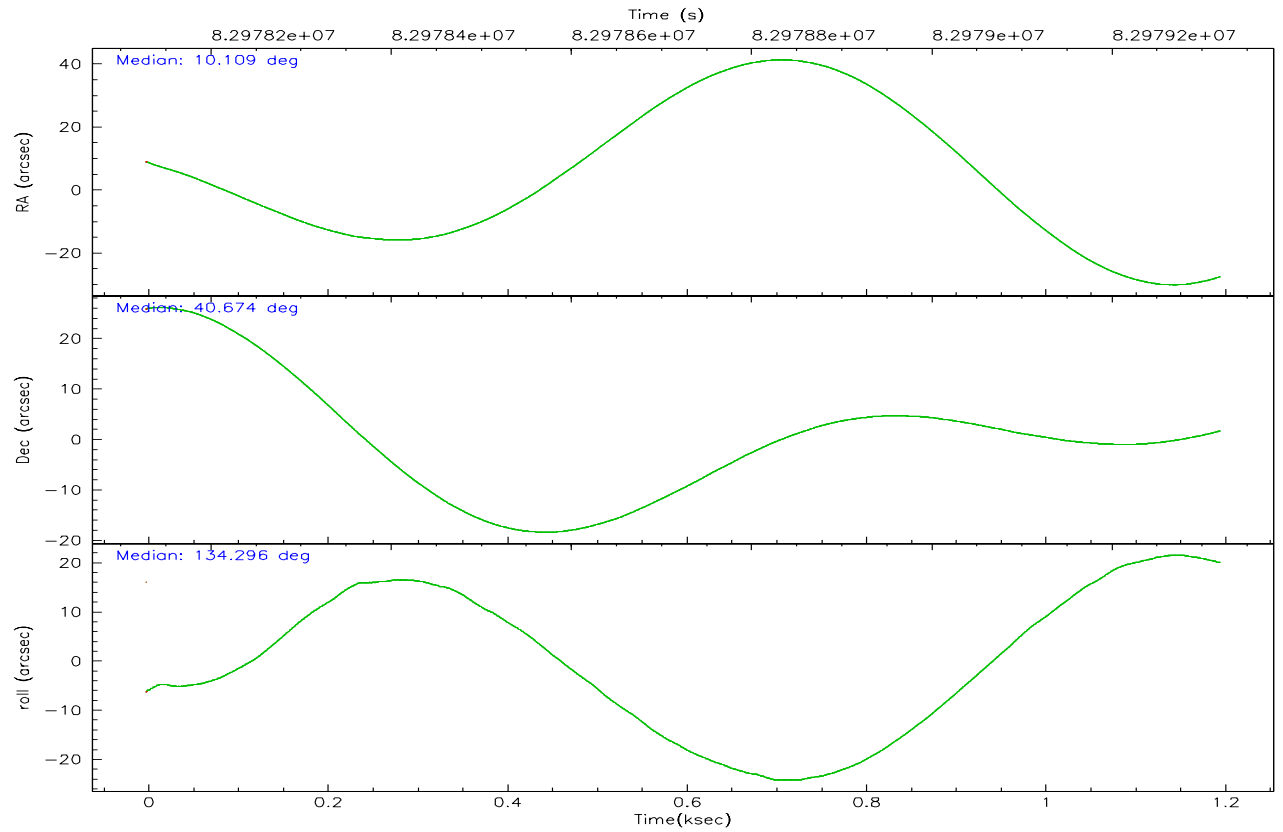
	segment 0
level 1 events	50197
rejected events	2929
rejected %	5%

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	10.145094	10.10947534509664			
Pointing Dec	40.667143	40.67417826721881			
Pointing Roll	134.374702	134.3024500490116			
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	82978323.184000	82977862.569996			
Observation start date	2000-08-18T09:30:59	2000-08-18T09:24:22			
Observation end time	82979323.184000	82979456.95755599			
Observation end date	2000-08-18T09:47:39	2000-08-18T09:50:56			

2.3 Aspect



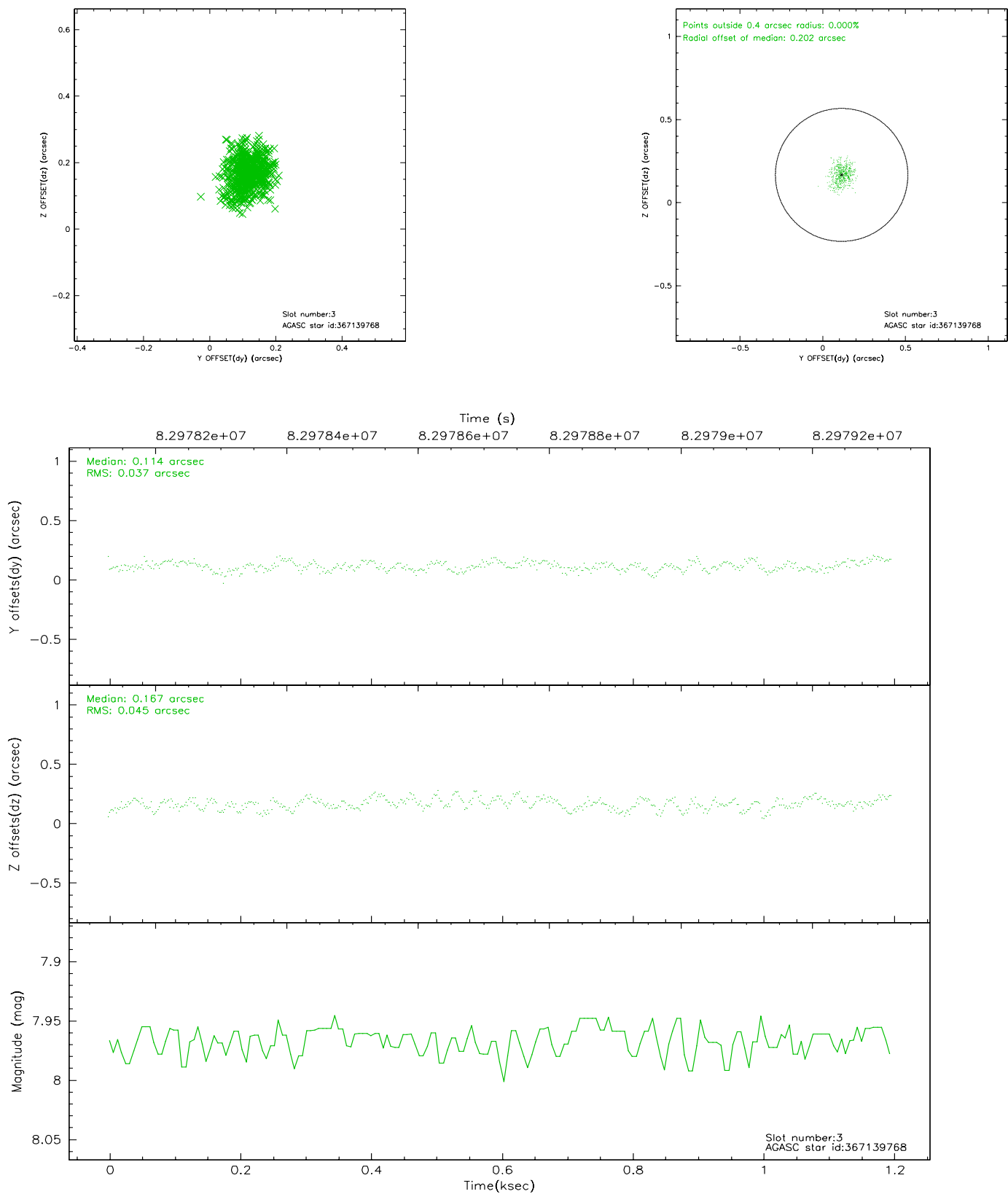


Slot Statistics

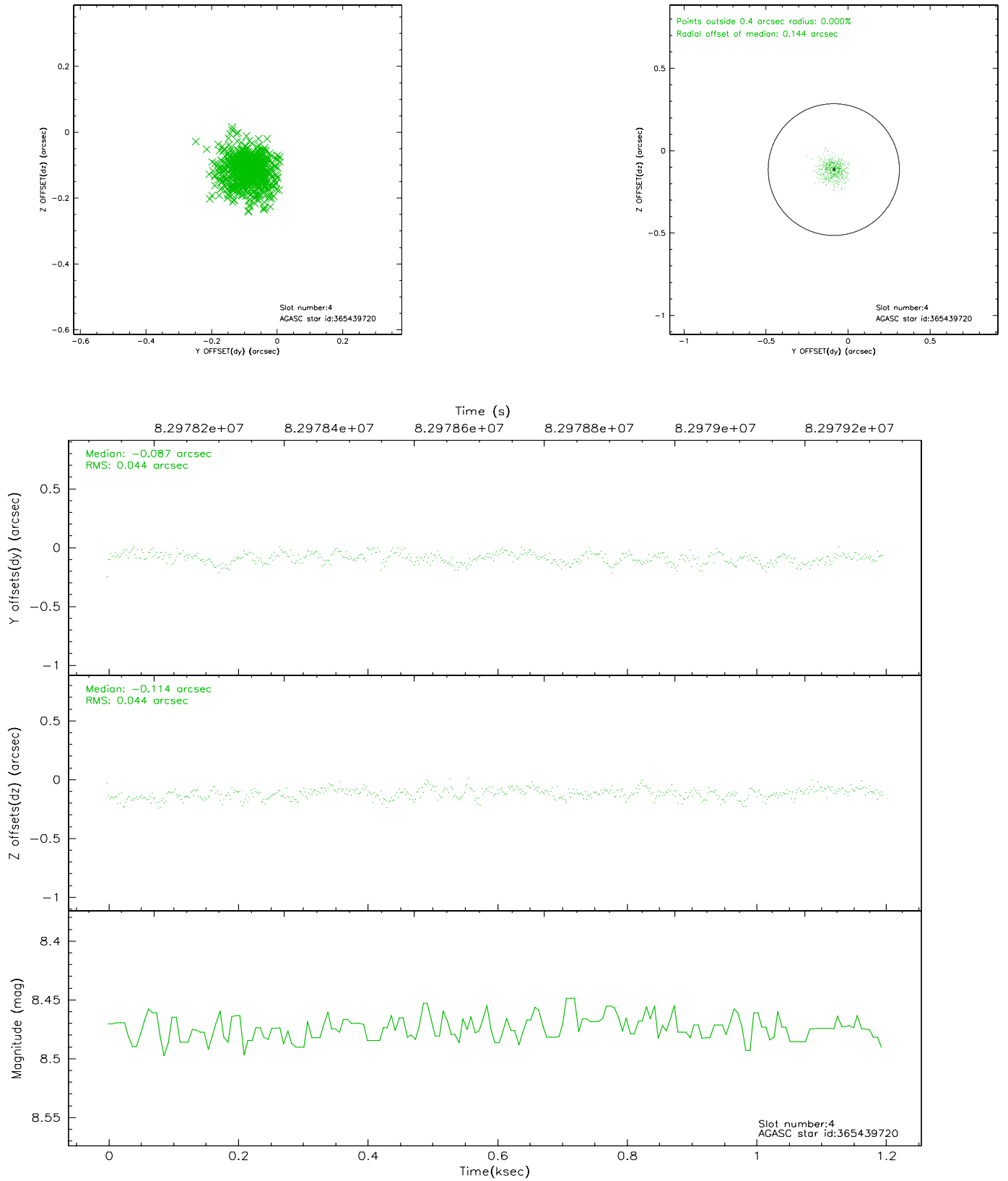
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.063	0.045	0.005	0.011	0.000000	0.000000	-757.90	-1291.46
1	FID	HRC-I-3	7.03	293	0.025	-0.067	0.006	0.012	0.000000	0.000000	-1188.98	1008.60
2	FID	HRC-I-4	6.98	293	0.026	-0.067	0.005	0.007	0.000000	0.000000	1280.83	1014.01
3	GUIDE	367139768	7.97	585	0.114	0.167	0.063	0.101	11.069715	40.685175	-1709.32	-1859.74
4	GUIDE	365439720	8.47	585	-0.087	-0.114	0.066	0.108	9.704623	40.431022	235.27	1450.97
5	GUIDE	367144424	8.64	583	0.140	-0.120	0.062	0.099	10.464515	40.309136	-1533.05	274.85
6	GUIDE	367658664	9.60	584	-0.131	0.213	0.111	0.176	10.374070	41.369746	1373.16	-2211.70
7	GUIDE	365442912	9.59	584	-0.047	-0.154	0.093	0.150	9.345394	40.727461	1690.03	1396.05

2.4 Star Slots

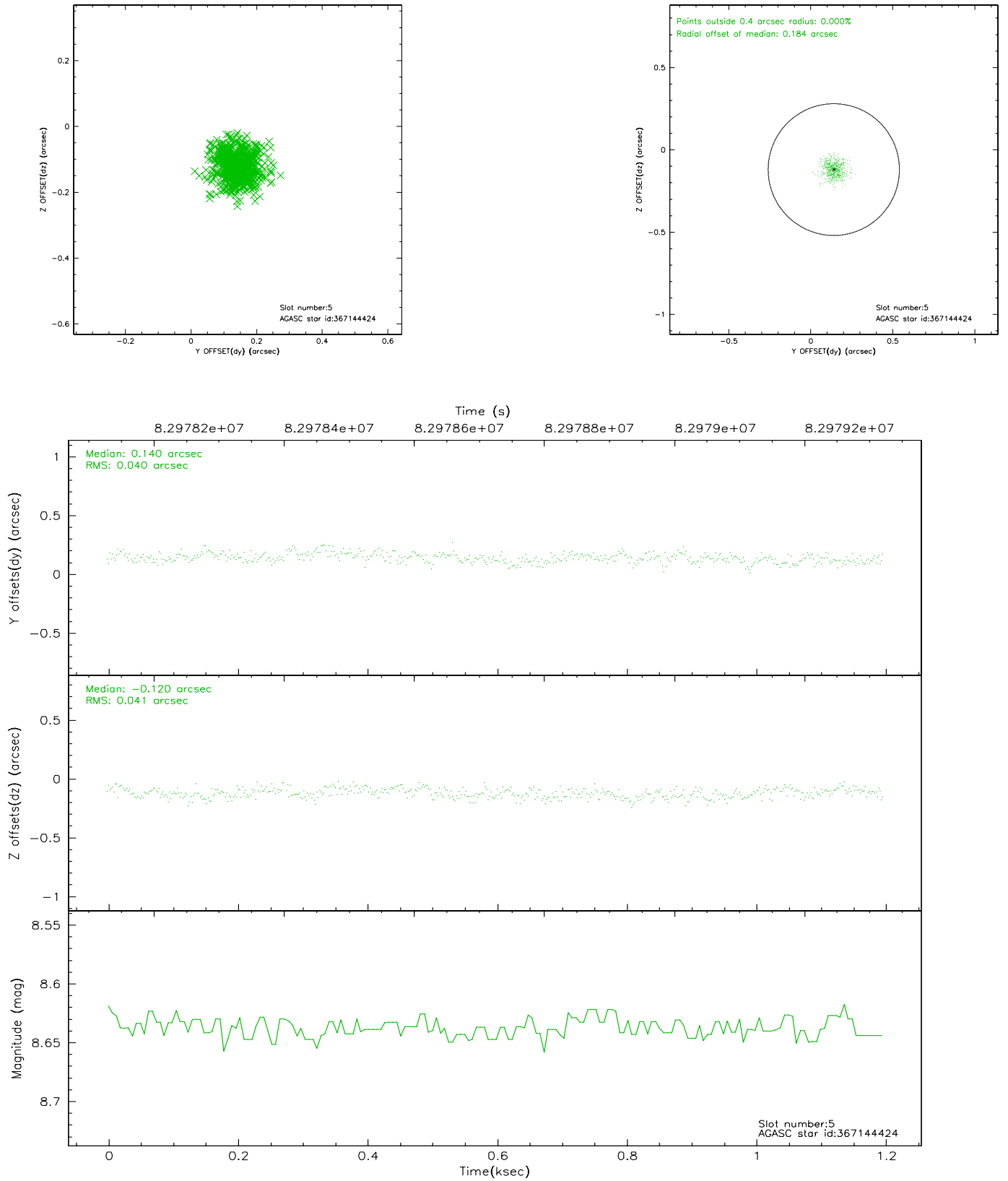
2.4.1 Slot 3



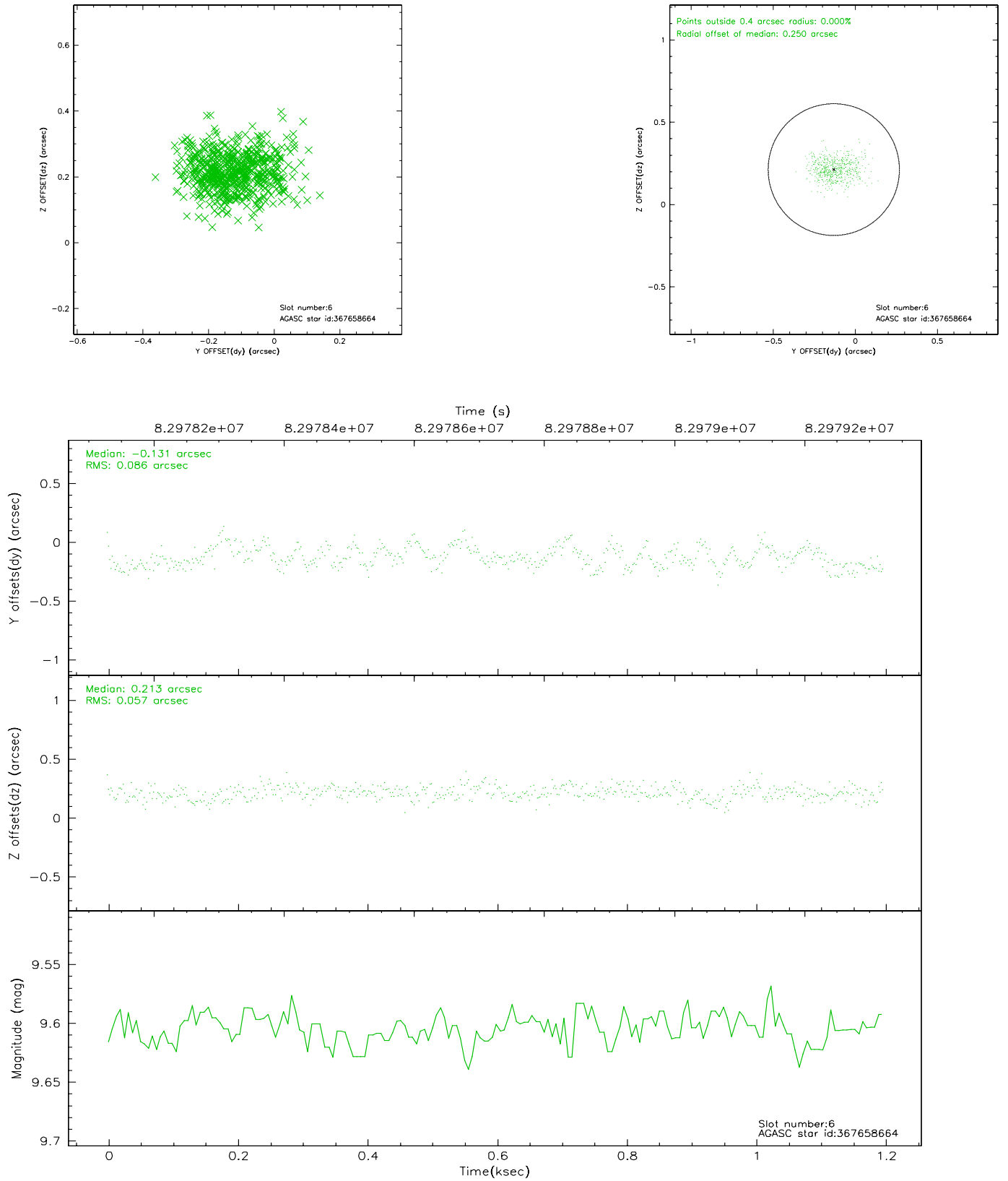
2.4.2 Slot 4



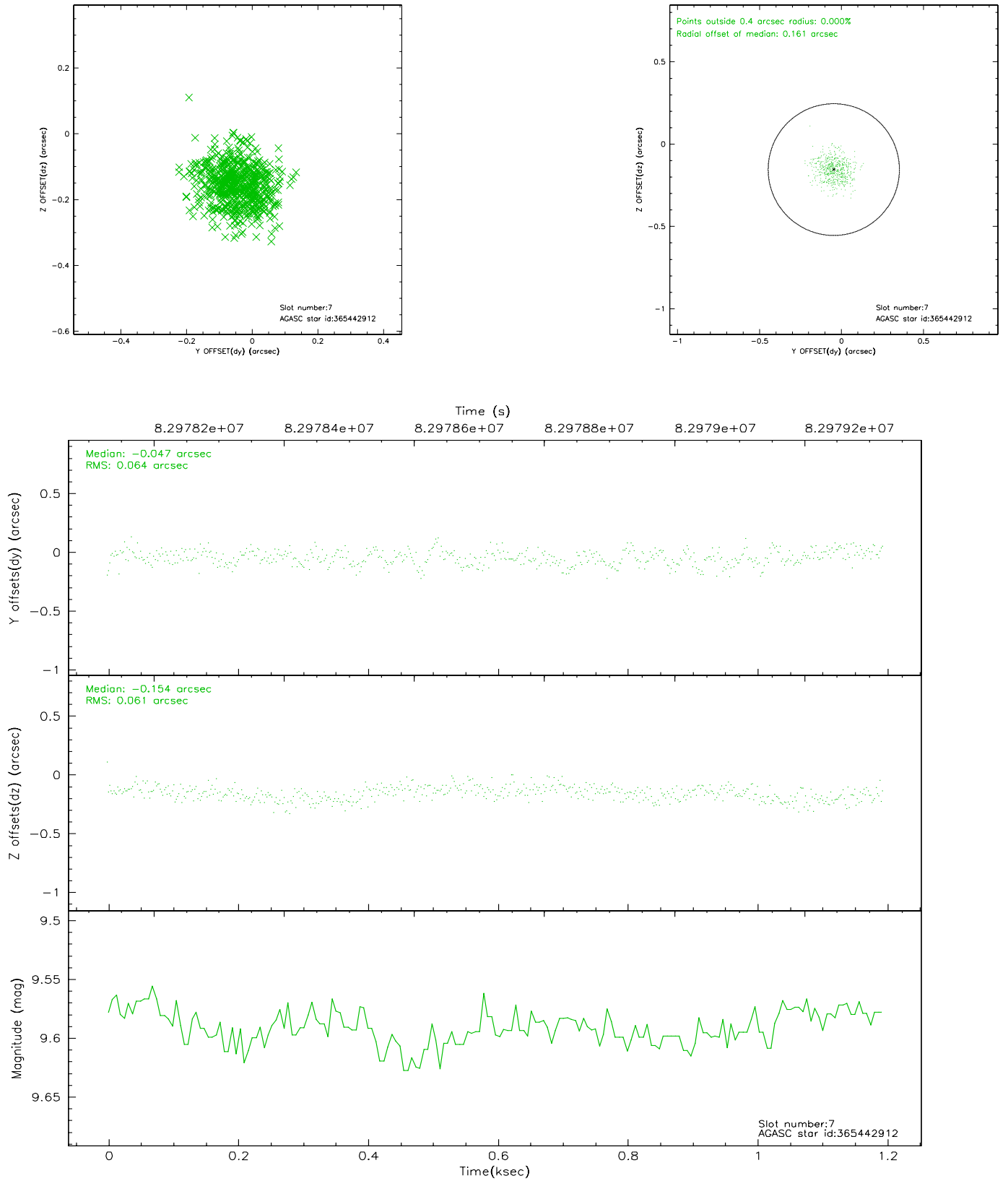
2.4.3 Slot 5



2.4.4 Slot 6

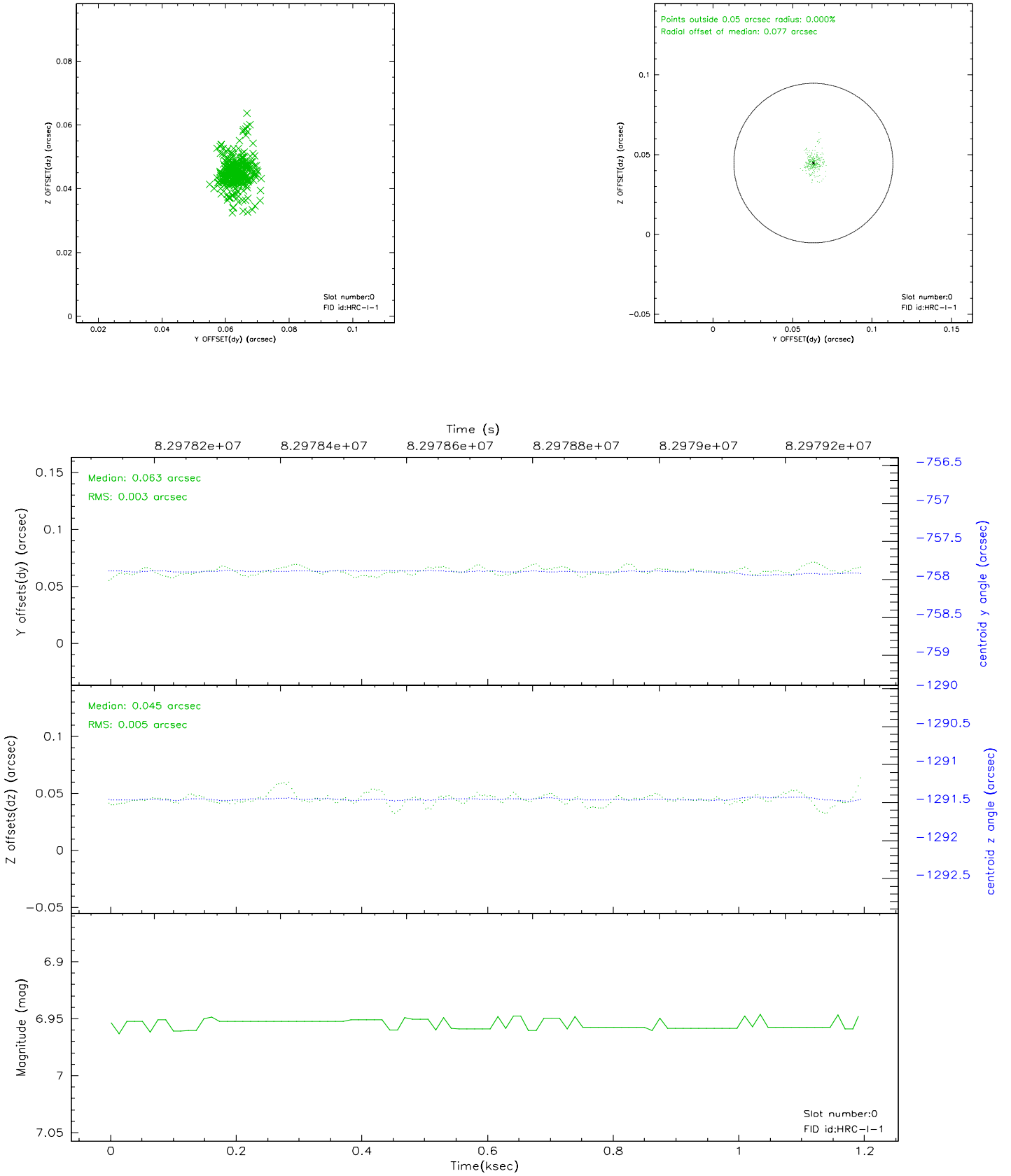


2.4.5 Slot 7

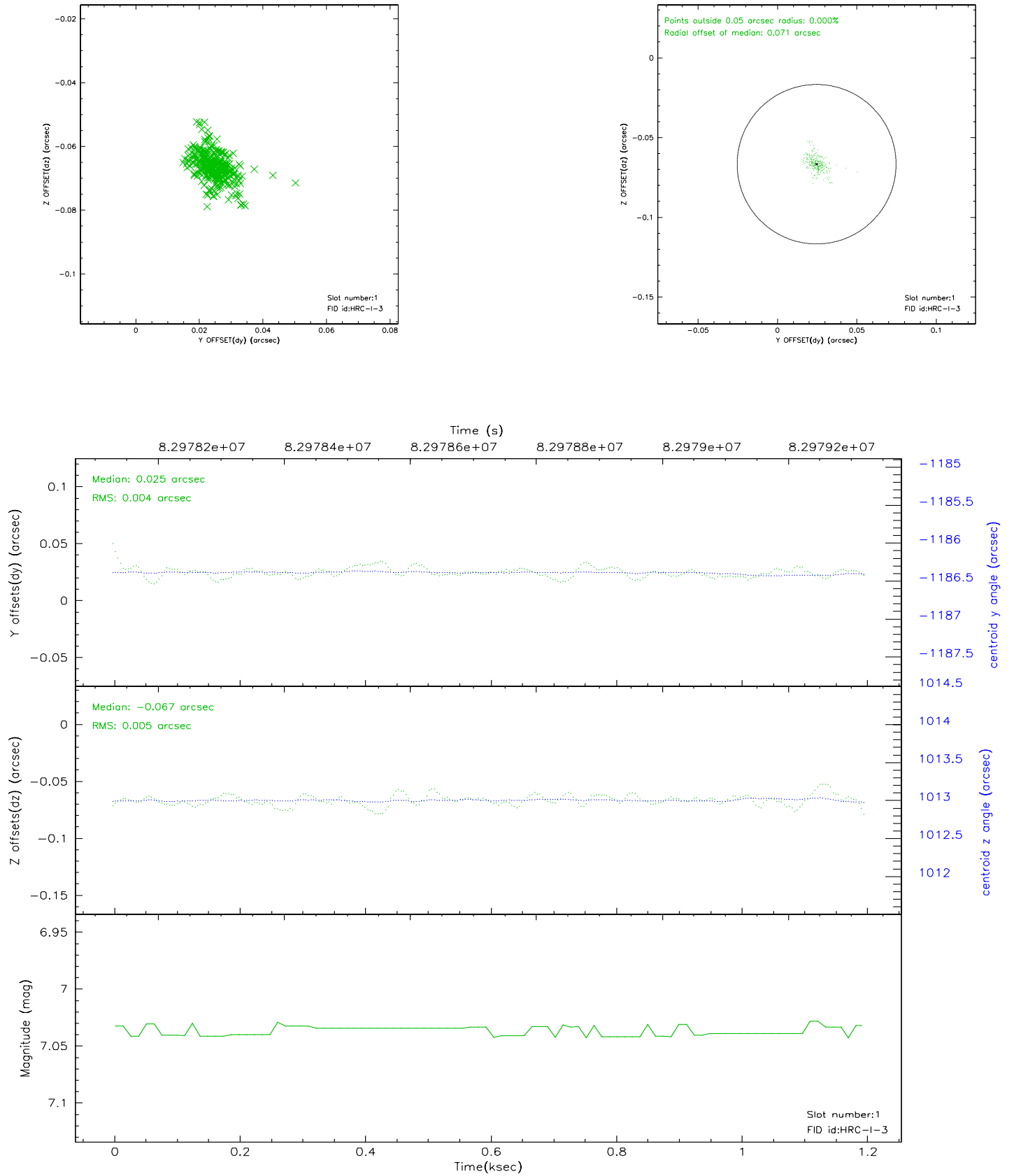


2.5 FID Slots

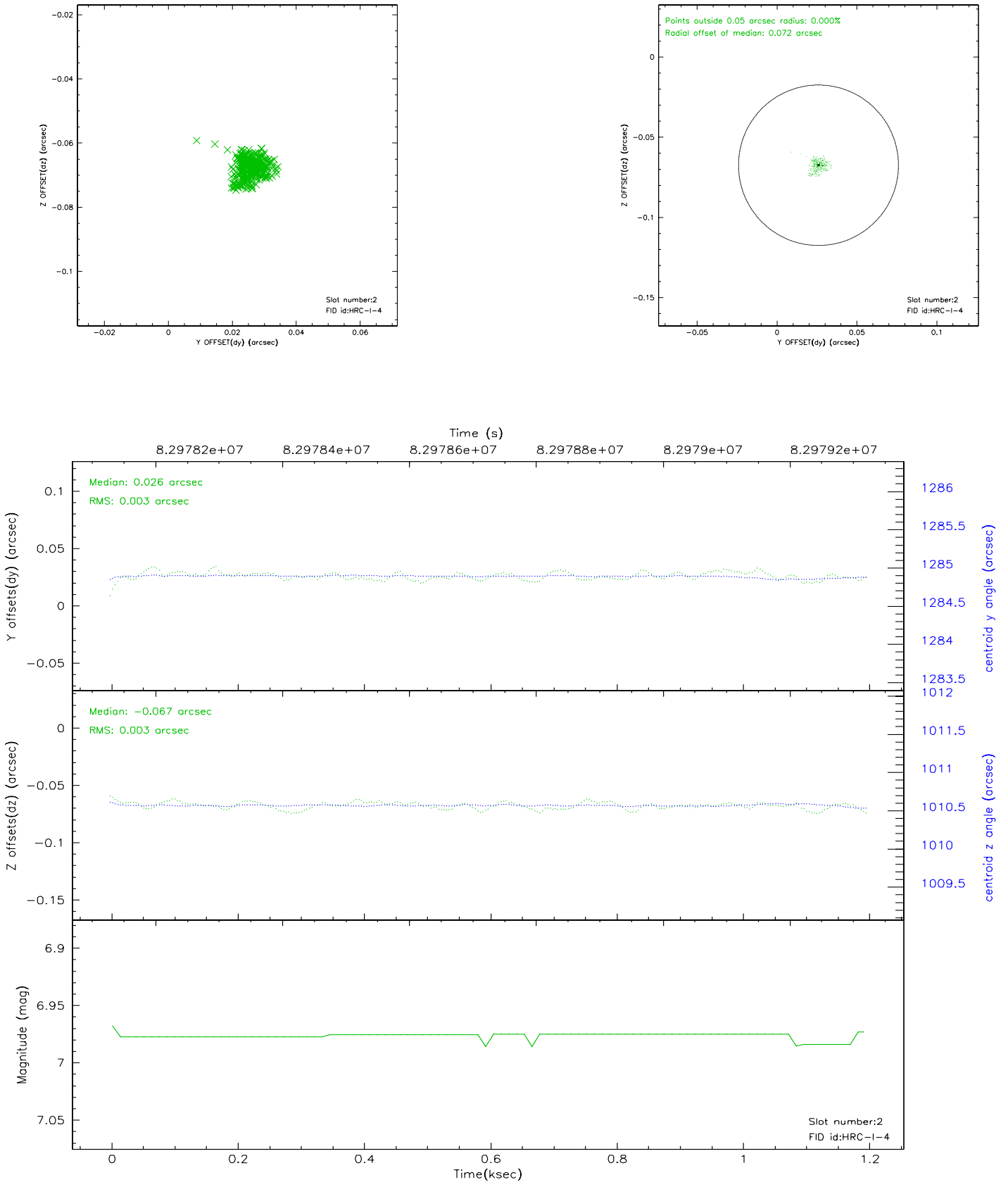
2.5.1 Slot 0



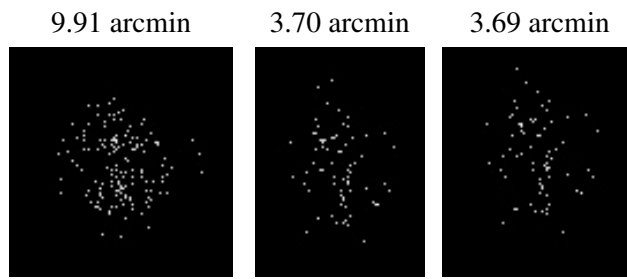
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.981

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.