

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2449 - L2 Version 001
Chandra X-Ray Center

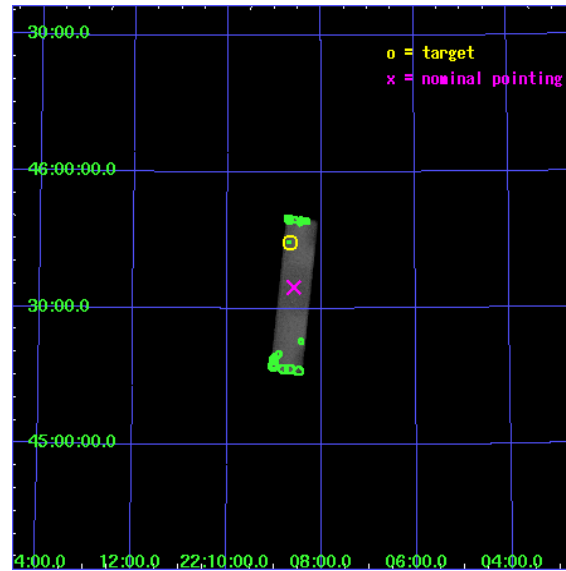
L2 Processing Date : Nov 21 2006

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1 Front

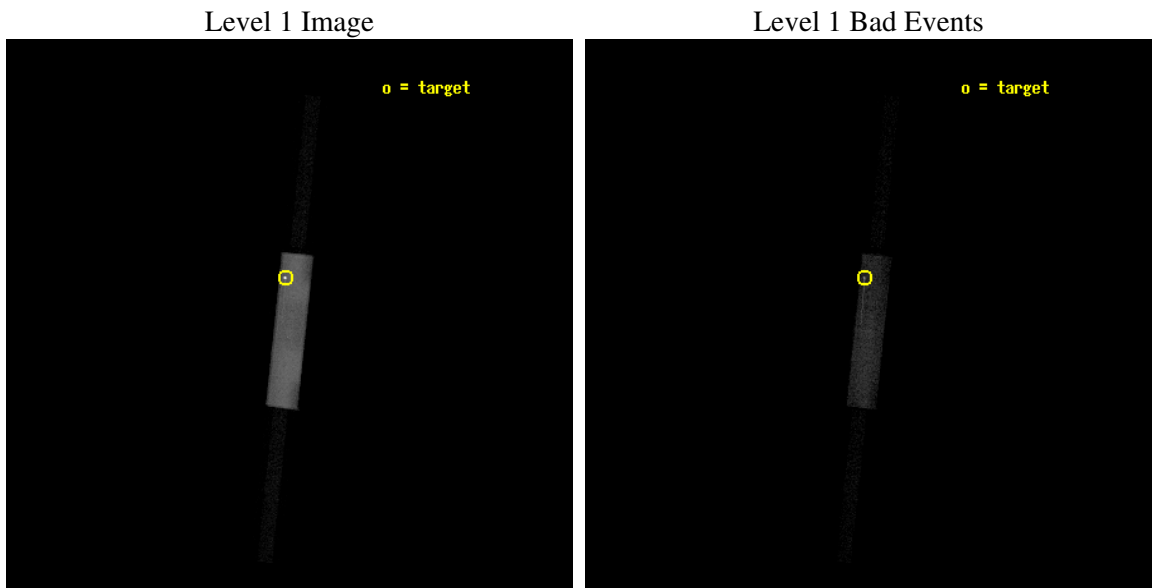
seq_num	290078
obs_id	2449
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.14657095918
dec_nom	45.578305469397
roll_nom	95.984505132483
revision	4
ontime	1377.856303528
livetime	1358.8504790675
l2events	142053



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T15:50:22
revision	3

sched_exp_time	1234.000000
ontime	1419.8813051581
l1events	209303

2.1.3 Events

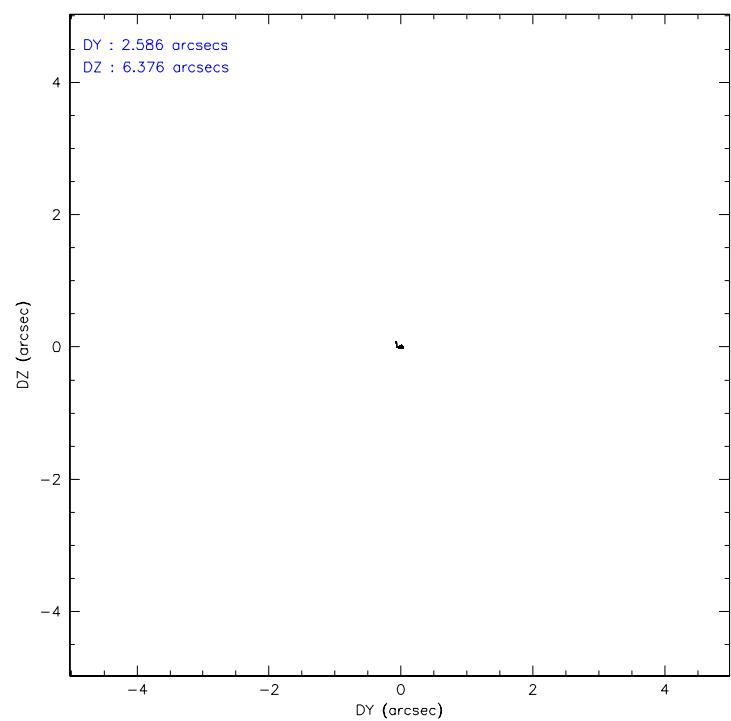
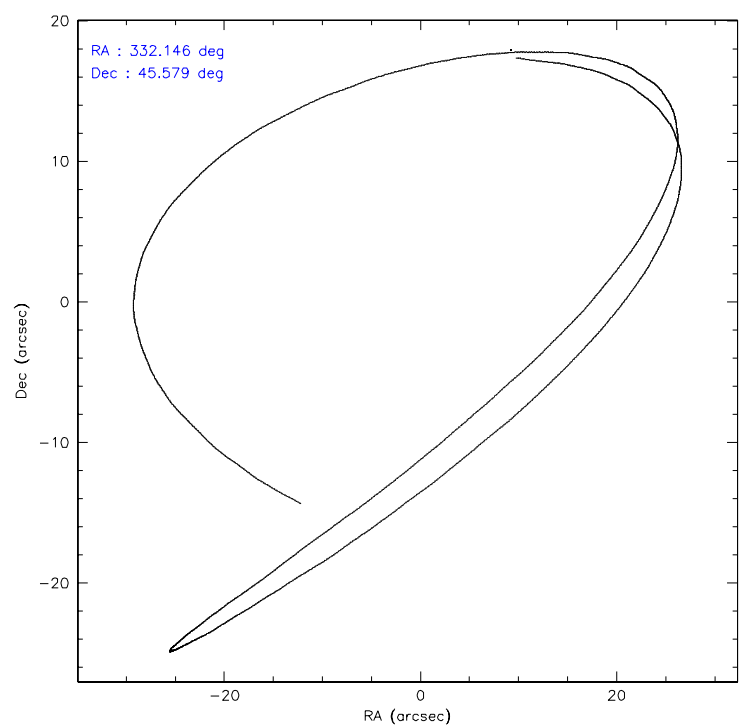
Level 1 Events

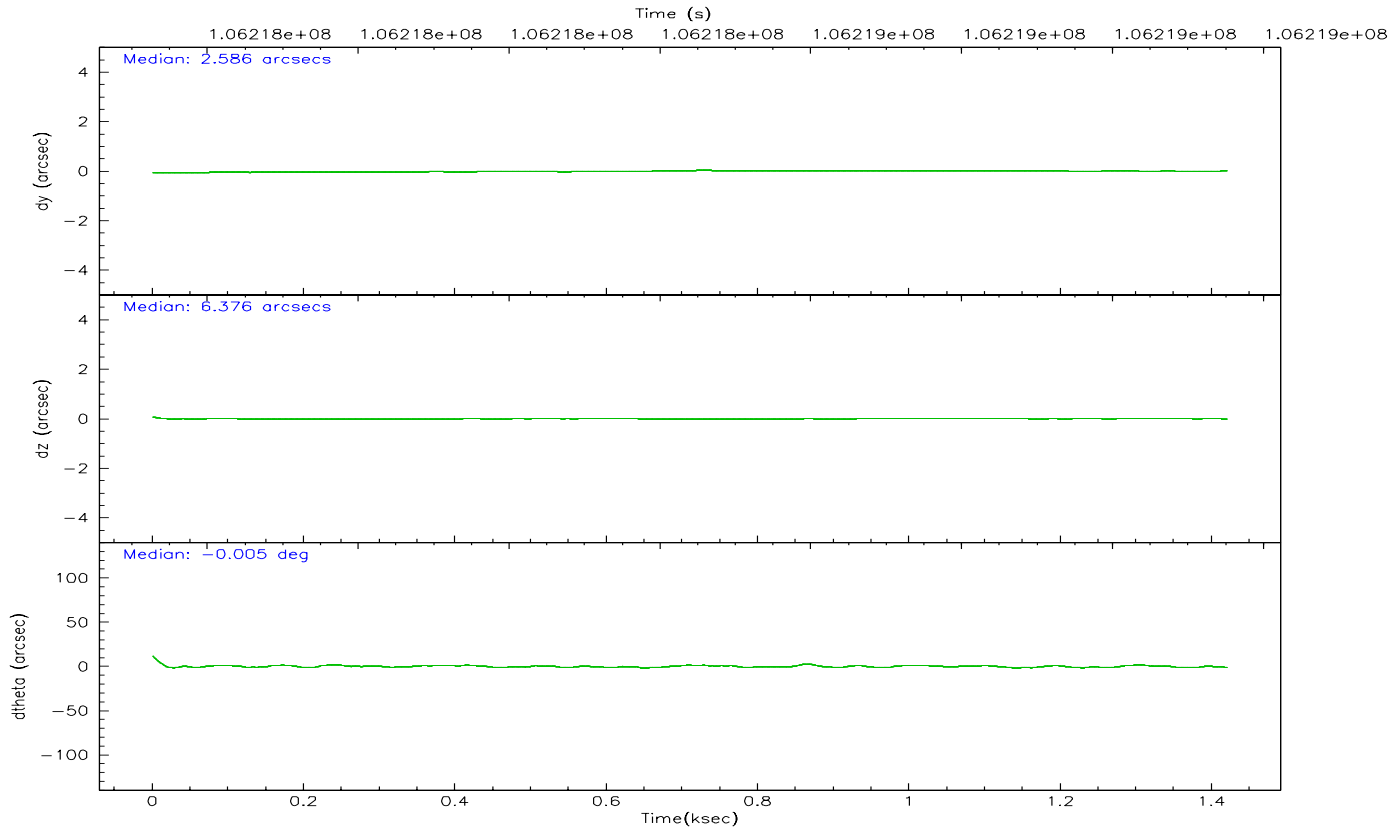
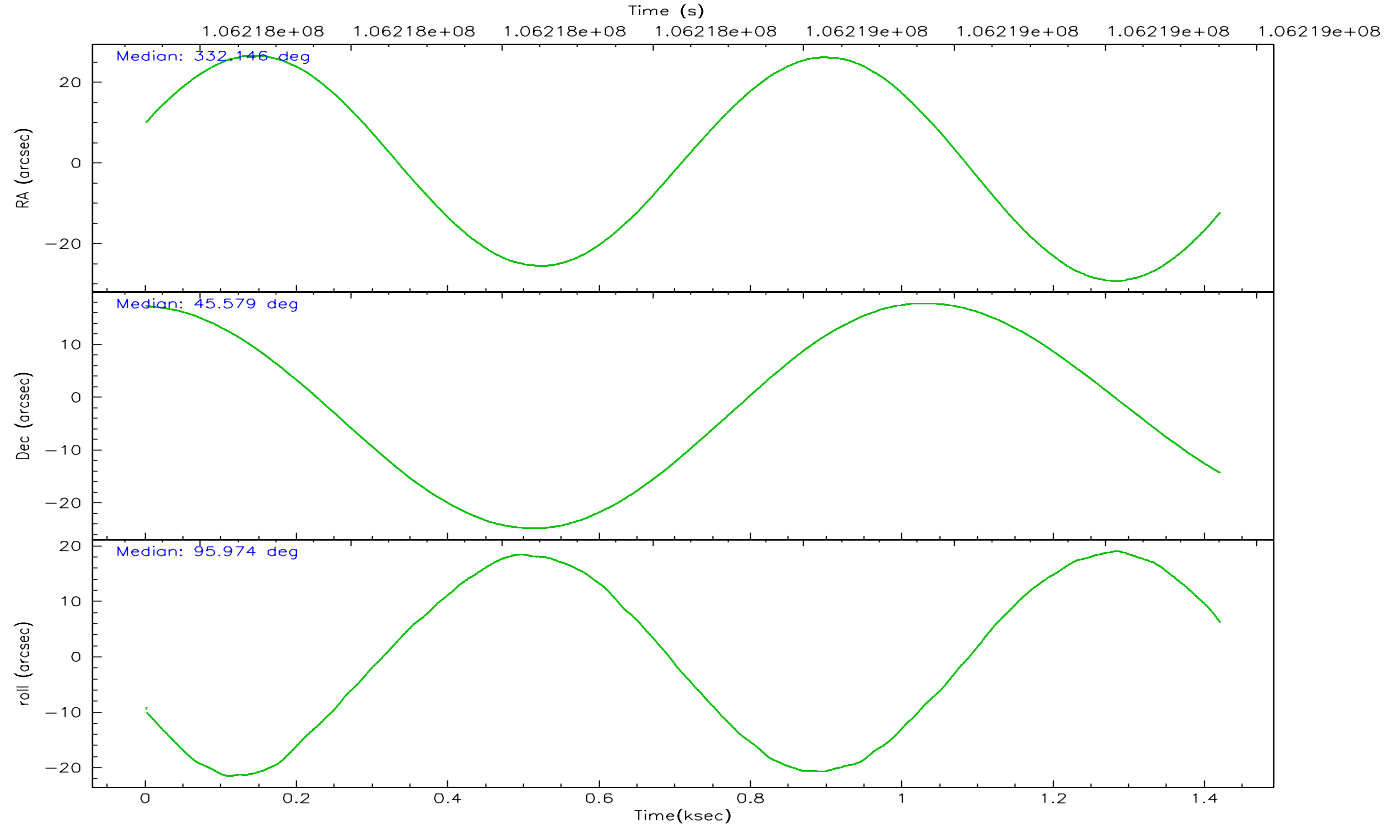
	segment 1	segment 2	segment 3
level 1 events	3439	202870	2994
rejected events	3439	56678	2994
rejected %	100%	27%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.172219	332.1465709591821			
Pointing Dec	45.555477	45.57830546939672			
Pointing Roll	95.898868	95.98450513248335			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	106217915.184000	106217539.32134			
Observation start date	2001-05-14T08:57:31	2001-05-14T08:52:19			
Observation end time	106219149.184000	106219282.8464			
Observation end date	2001-05-14T09:18:05	2001-05-14T09:21:22			

2.3 Aspect



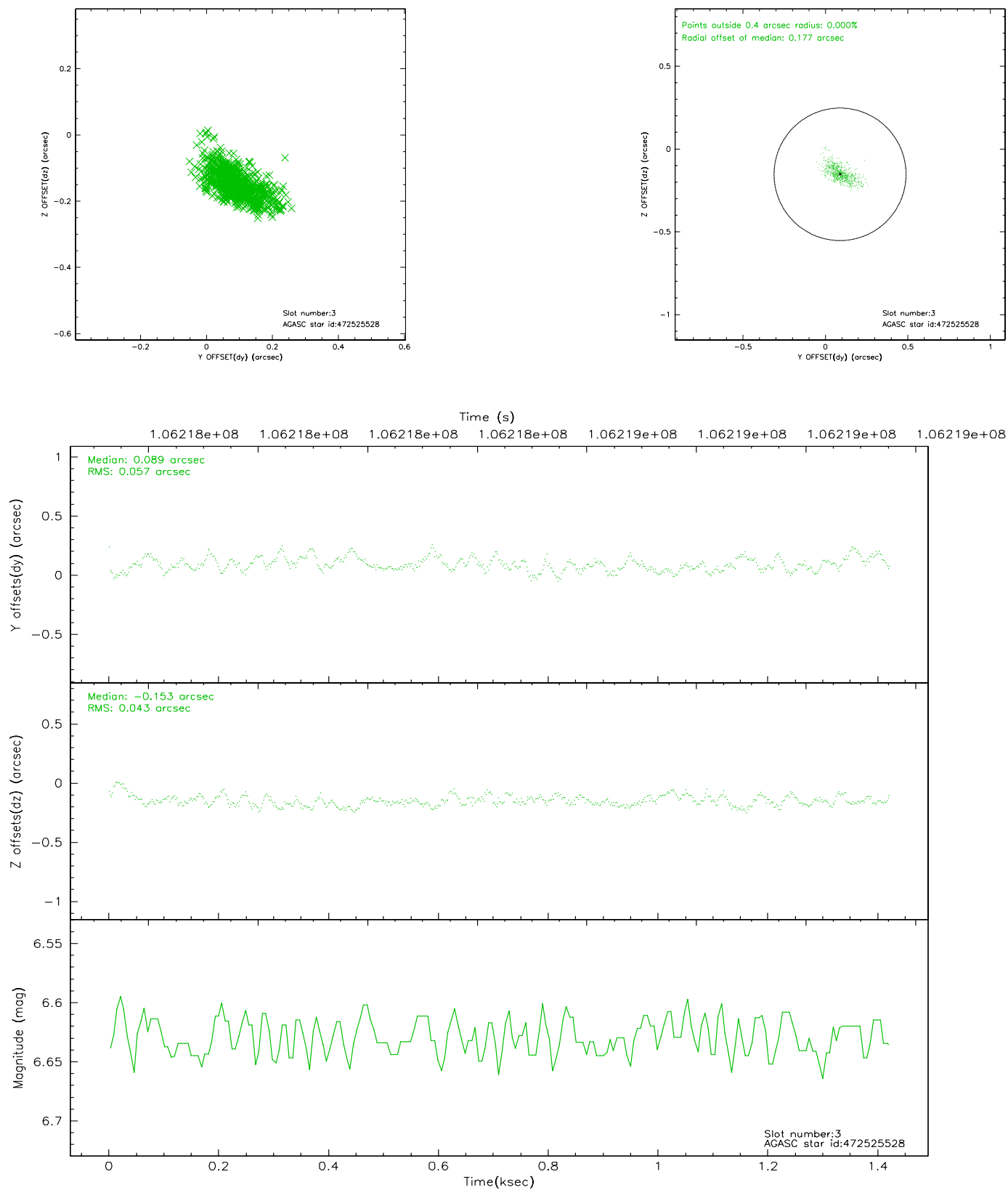


Slot Statistics

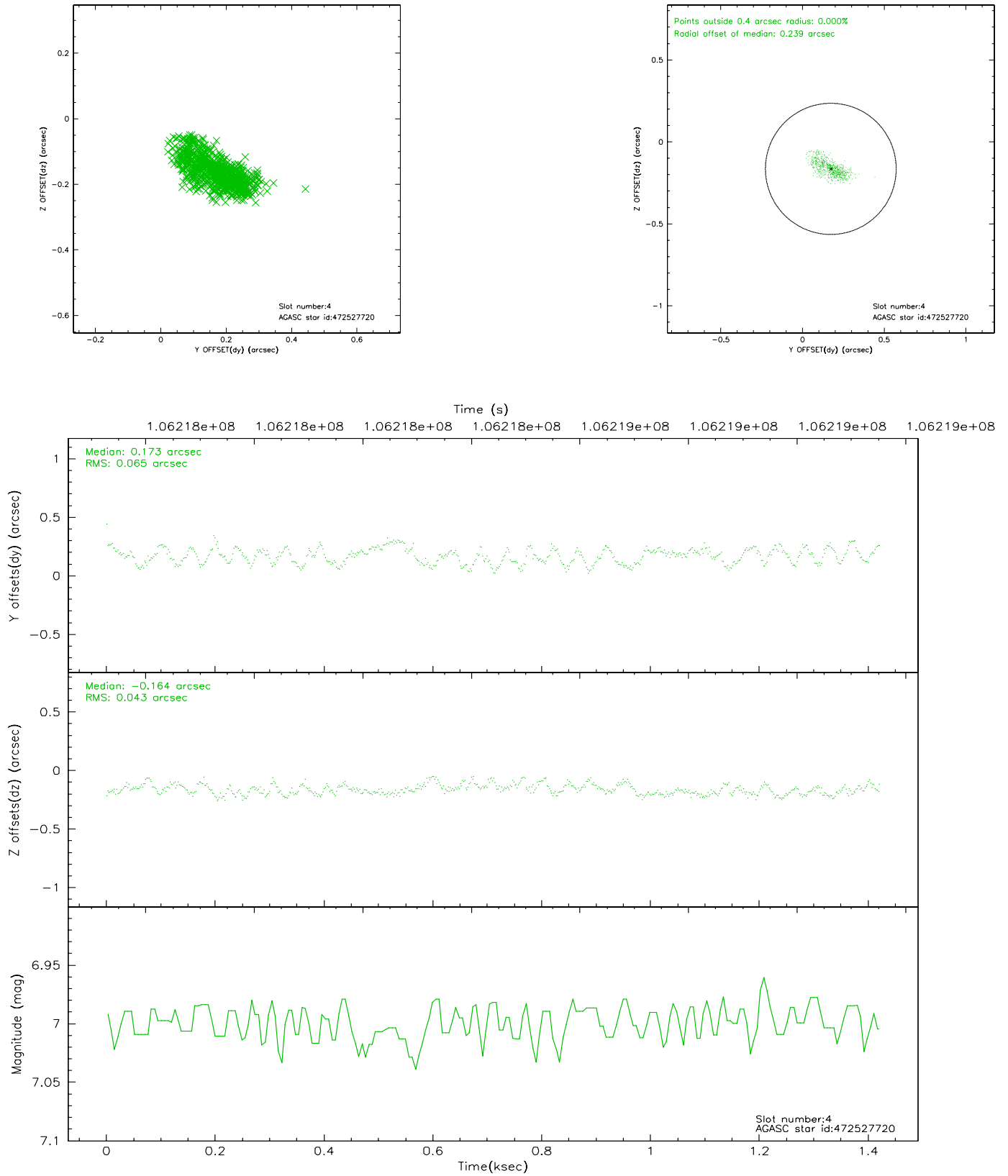
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	347	0.109	-0.109	0.007	0.011	0.000000	0.000000	-1156.61	-454.93
1	FID	HRC-S-3	7.00	347	0.151	-0.097	0.008	0.014	0.000000	0.000000	-1162.66	573.30
2	FID	HRC-S-4	6.94	347	0.127	-0.091	0.005	0.008	0.000000	0.000000	1238.28	578.91
3	GUIDE	472525528	6.63	694	0.089	-0.153	0.074	0.135	331.551102	45.248694	-932.62	1677.54
4	GUIDE	472527720	7.00	694	0.173	-0.164	0.084	0.130	331.460205	45.112509	-1395.60	1963.52
5	GUIDE	472523760	8.24	694	0.004	0.013	0.059	0.096	331.645363	45.403260	-407.80	1382.36
6	GUIDE	472665256	9.02	694	-0.140	0.175	0.082	0.137	332.808125	46.195041	2131.68	-1811.94
7	GUIDE	472659832	9.47	693	-0.110	0.117	0.097	0.165	332.780399	46.098139	1794.63	-1714.65

2.4 Star Slots

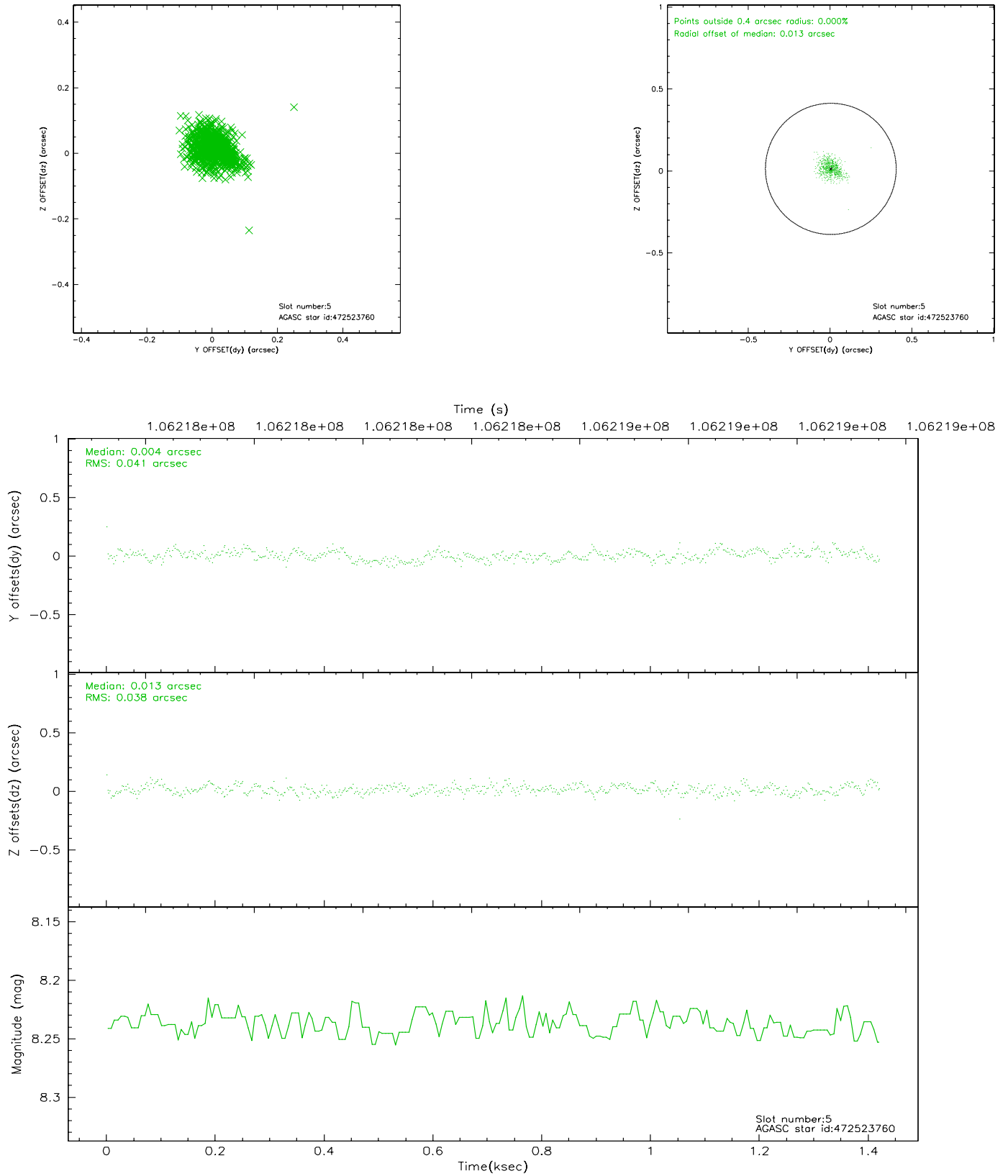
2.4.1 Slot 3



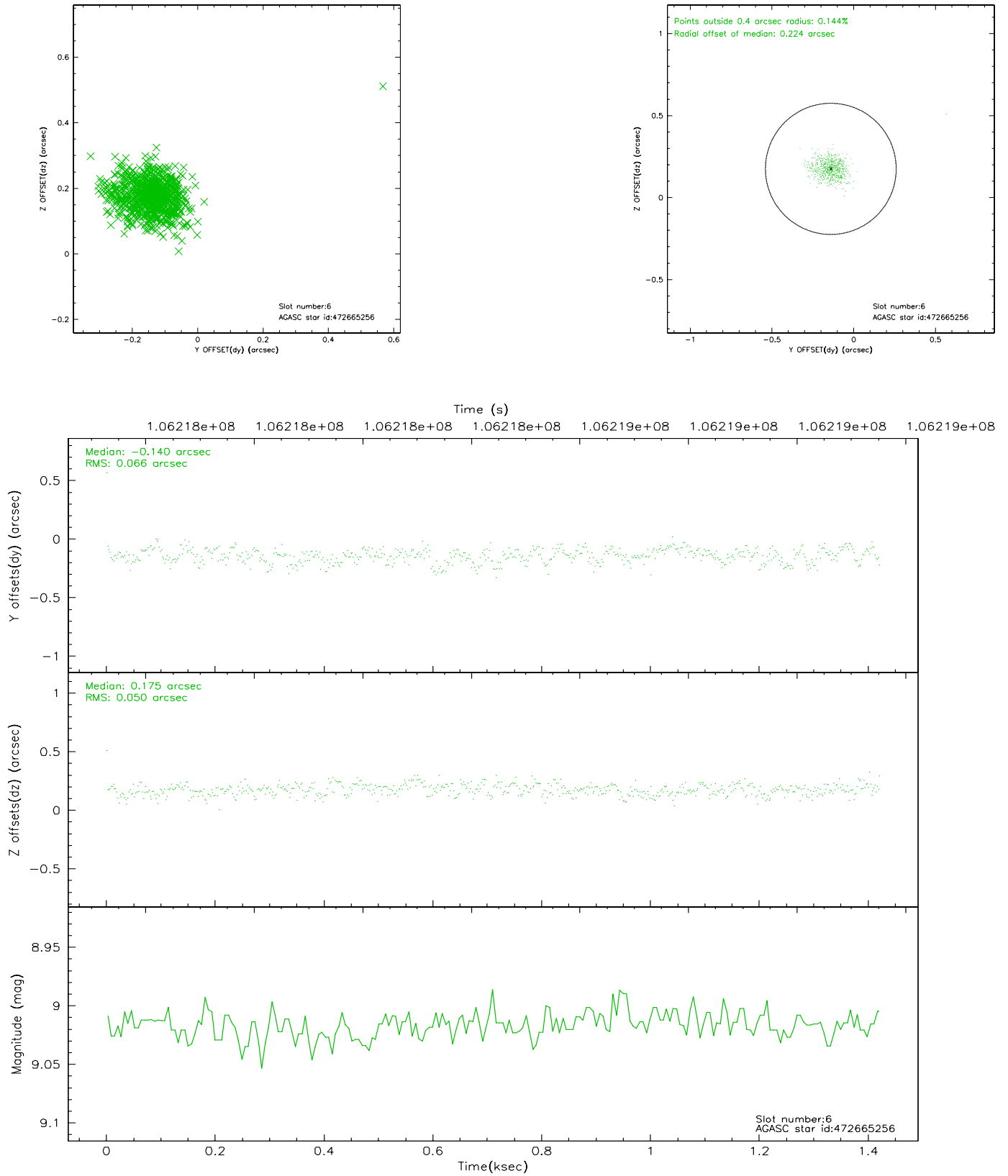
2.4.2 Slot 4



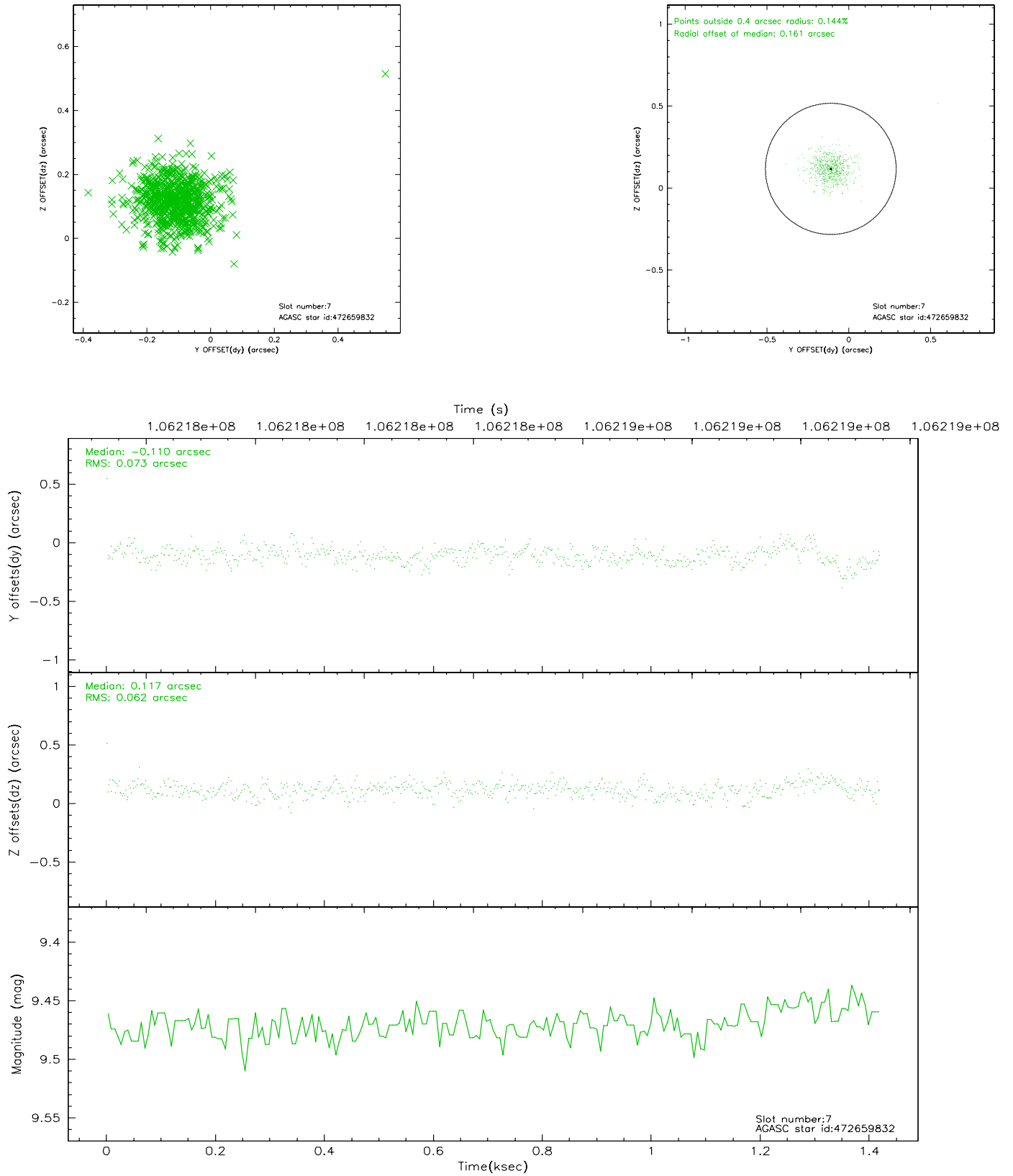
2.4.3 Slot 5



2.4.4 Slot 6

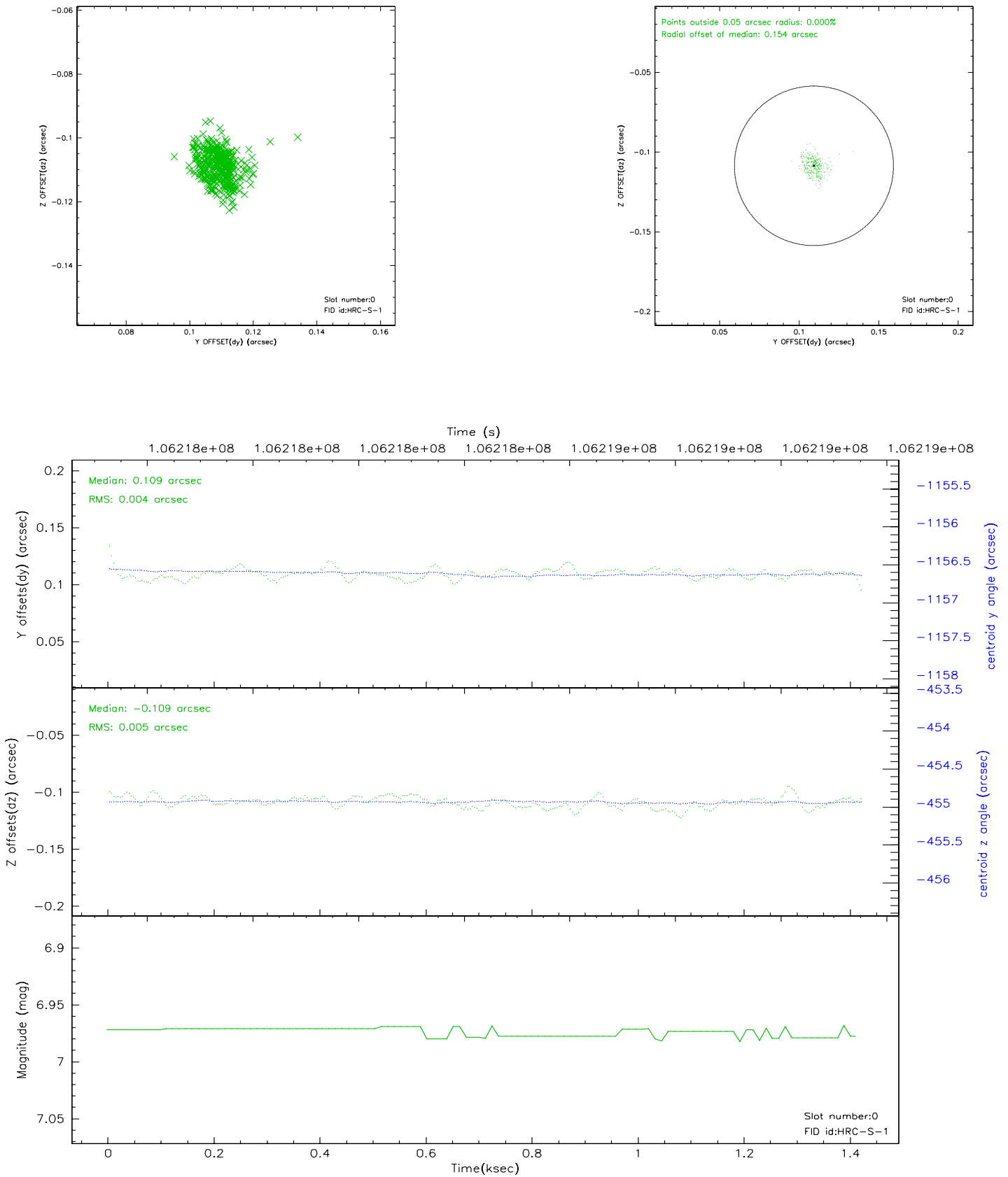


2.4.5 Slot 7

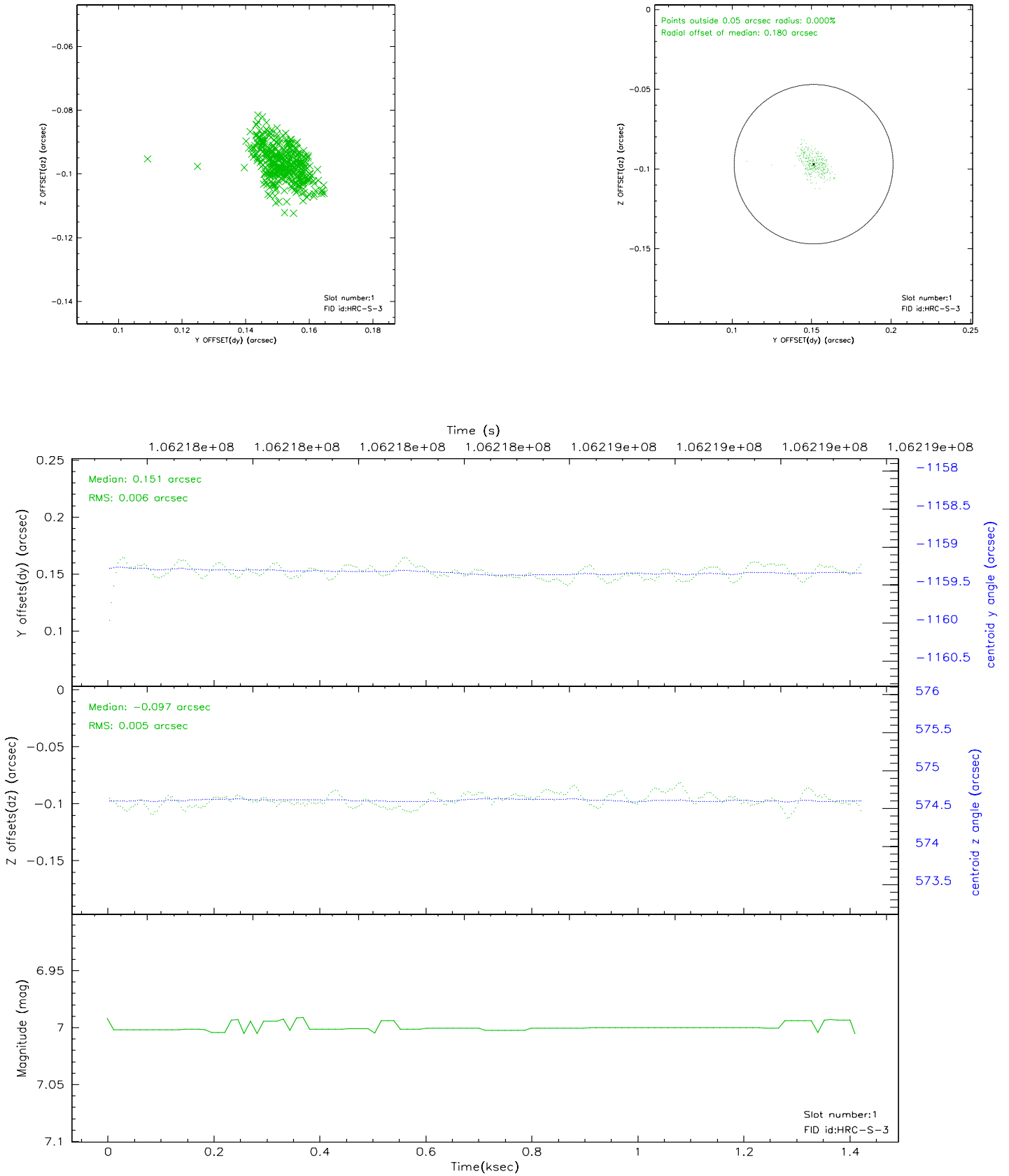


2.5 FID Slots

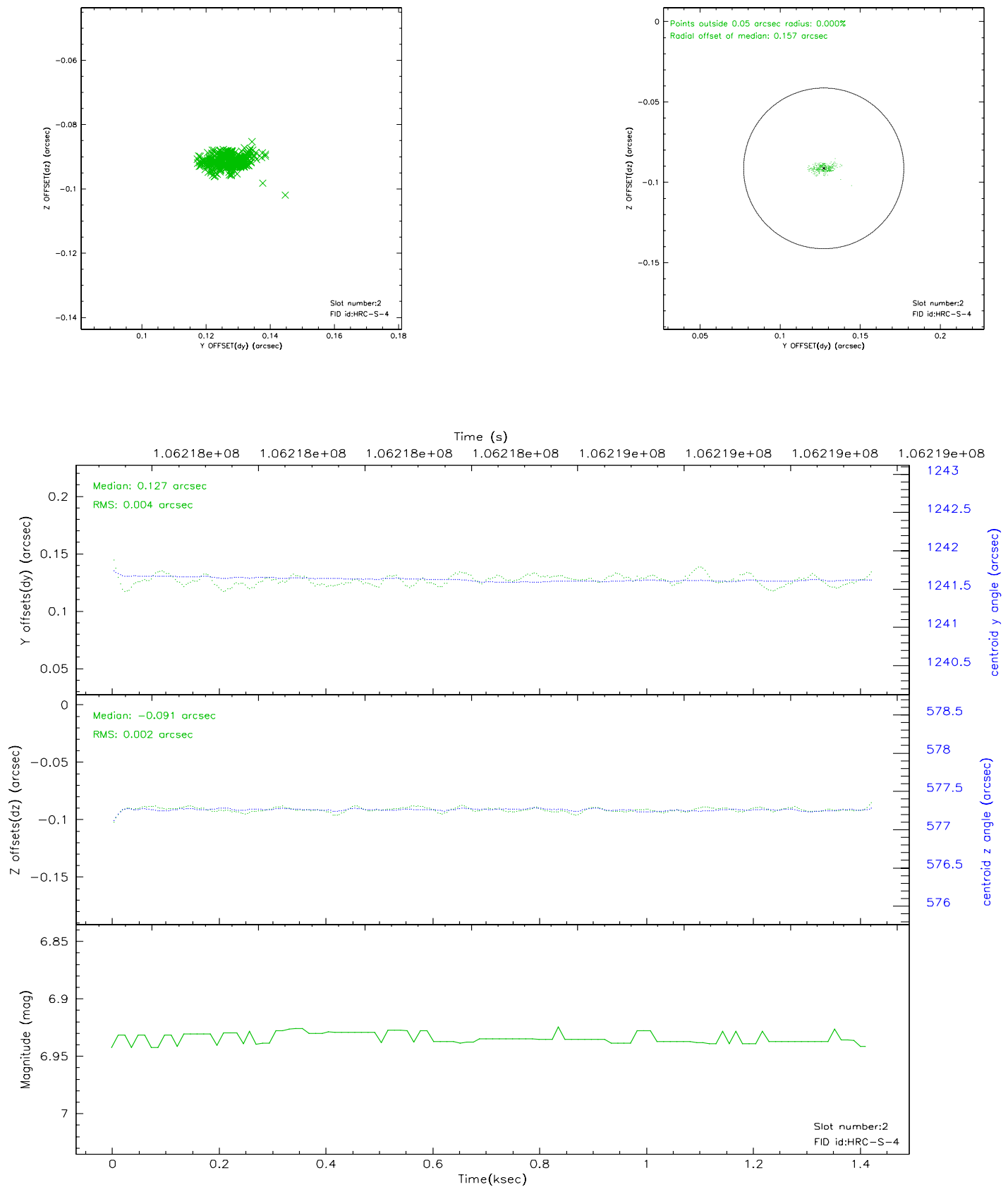
2.5.1 Slot 0



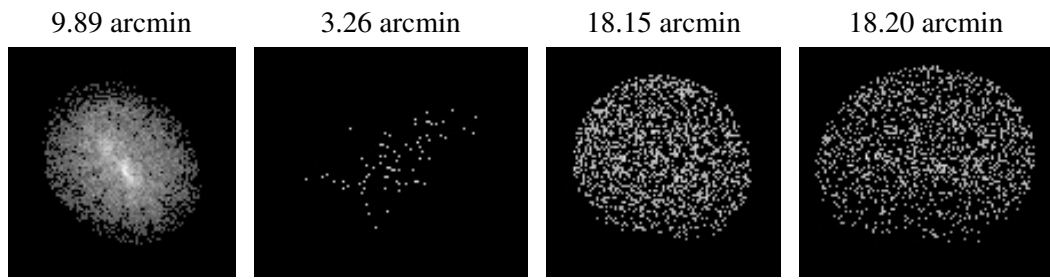
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.411

A.2 Comments

The target is away from the aimpoint and near the edge of the chip: it is therefore extended and asymmetric.