

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2637 - L2 Version 001
Chandra X-Ray Center

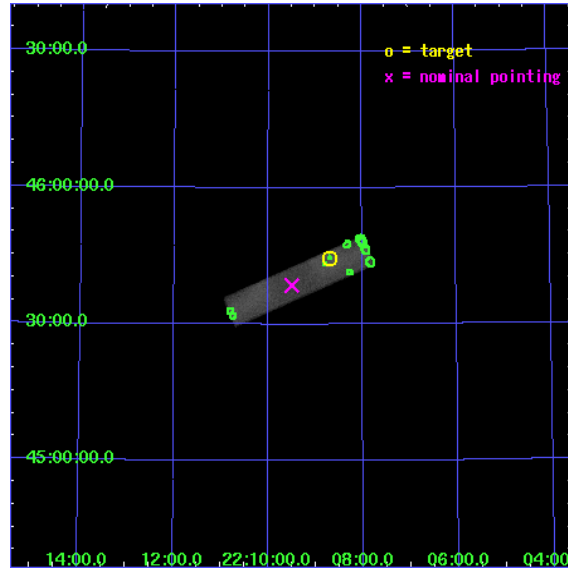
L2 Processing Date : Aug 28 2006

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1 Front

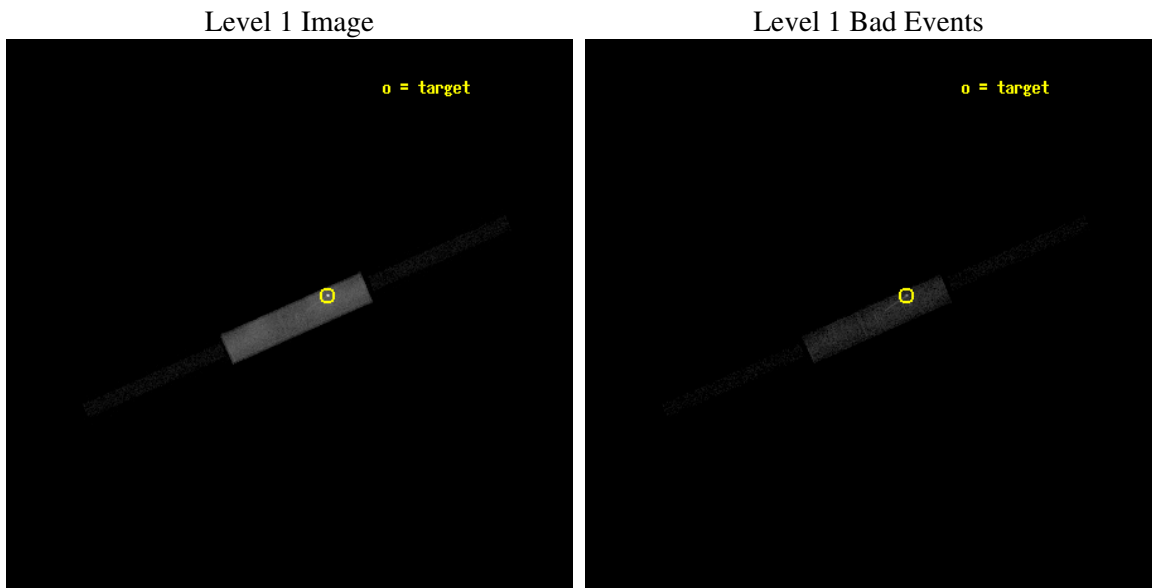
seq_num	290193
obs_id	2637
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.37479932513
dec_nom	45.643067654407
roll_nom	336.15886553636
revision	2
ontime	1142.1062960178
livetime	1130.9554114613
l2events	84276



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T01:16:15
revision	2

sched_exp_time	1000.000000
ontime	1192.0750480294
l1events	136911

2.1.3 Events

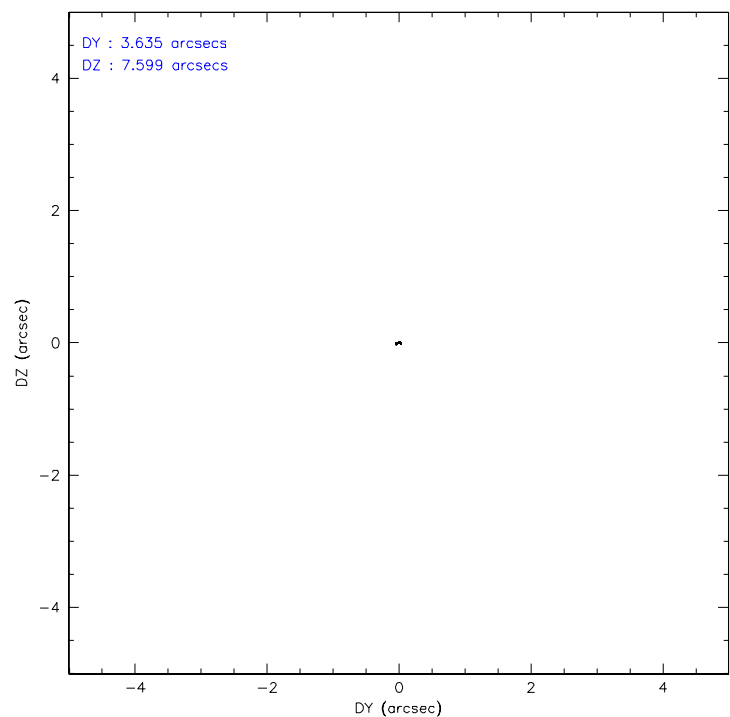
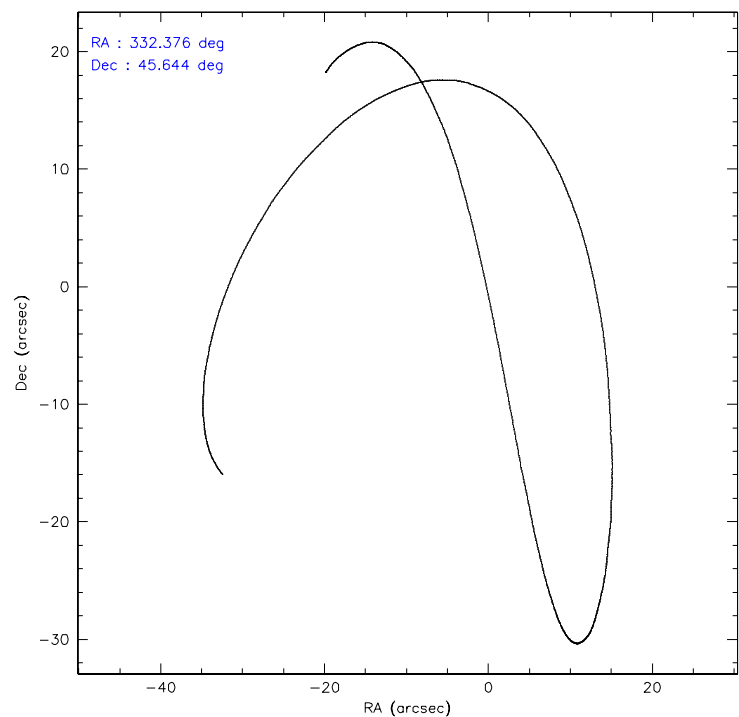
Level 1 Events

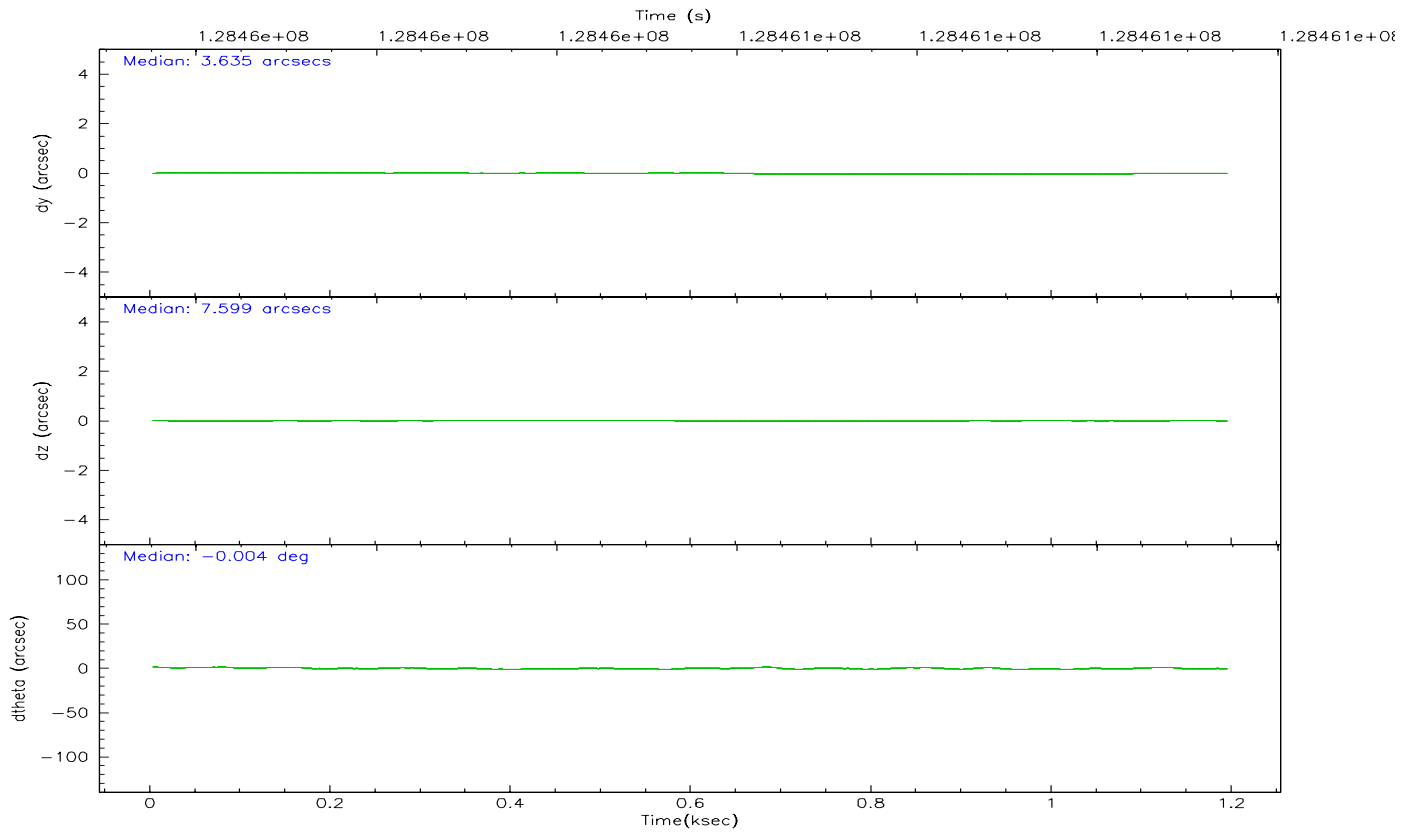
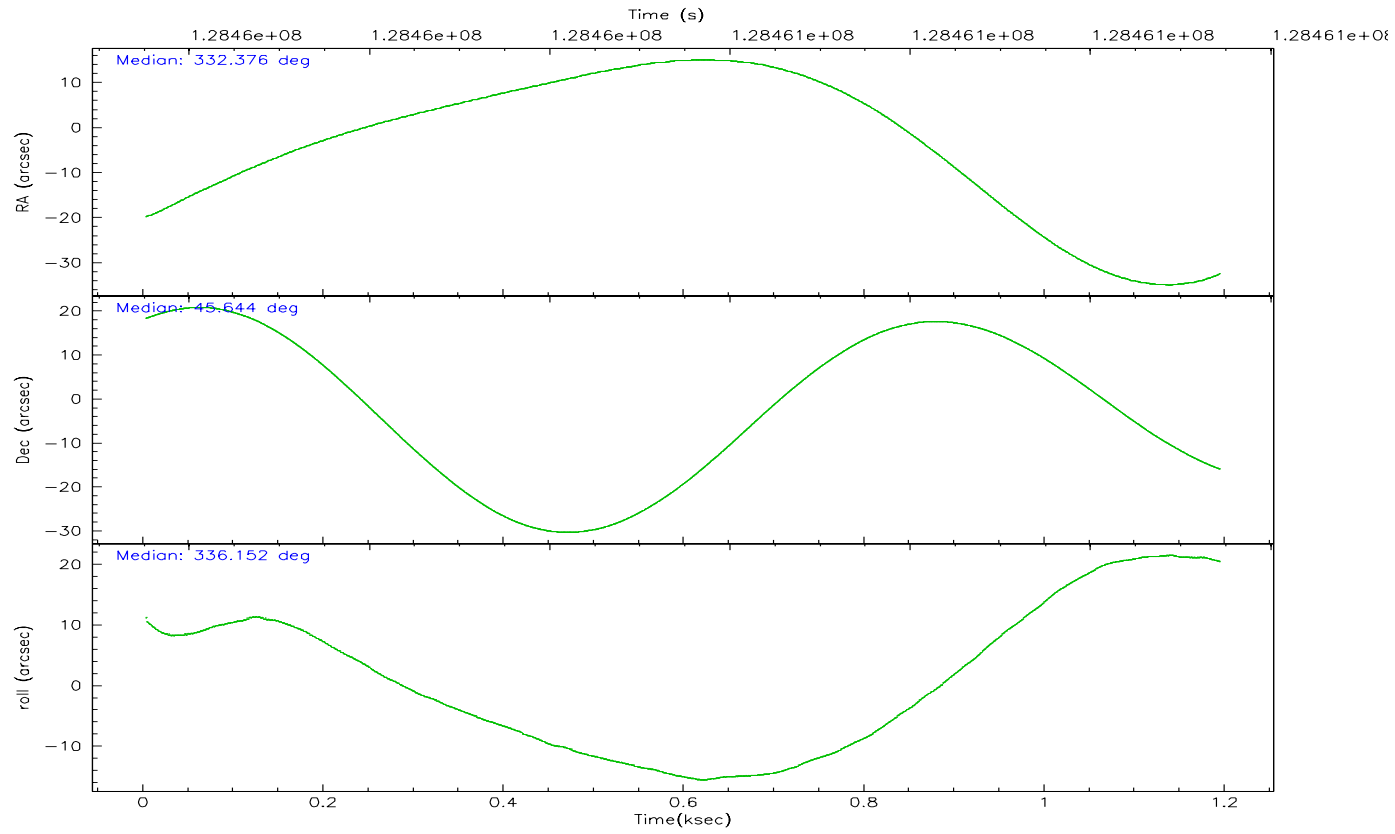
	segment 1	segment 2	segment 3
level 1 events	3038	131071	2802
rejected events	3038	43628	2802
rejected %	100%	33%	100%

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	332.334621	332.3747993251296			
Pointing Dec	45.637981	45.64306765440722			
Pointing Roll	336.120297	336.158865536359			
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	128460147.184000	128459771.65153			
Observation start date	2002-01-26T19:21:23	2002-01-26T19:16:11			
Observation end time	128461147.184000	128461281.47659			
Observation end date	2002-01-26T19:38:03	2002-01-26T19:41:21			

2.3 Aspect



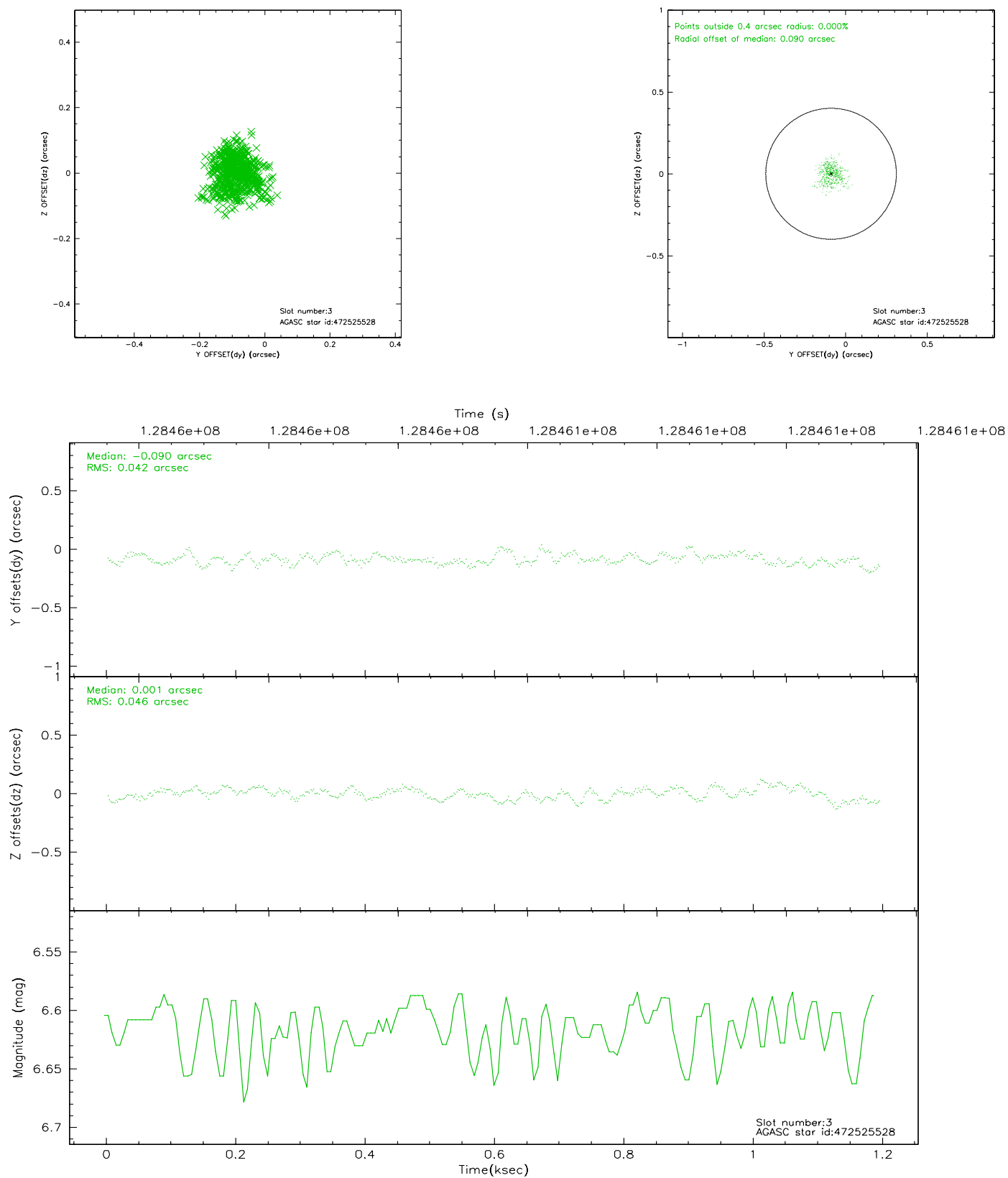


Slot Statistics

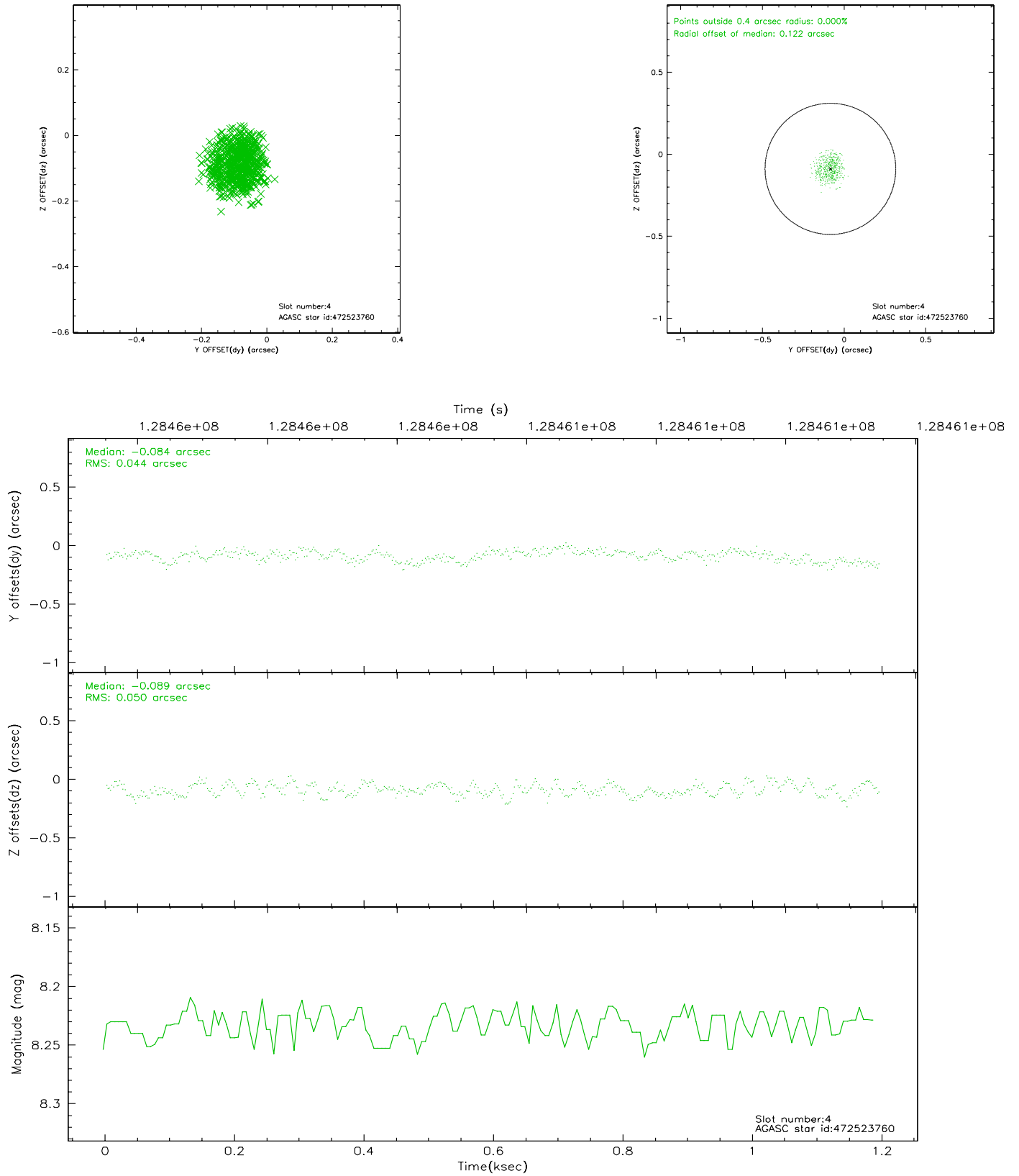
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	291	0.156	-0.082	0.006	0.011	0.000000	0.000000	-1157.66	-456.14
1	FID	HRC-S-2	6.98	291	0.074	-0.088	0.004	0.009	0.000000	0.000000	1237.97	-450.33
2	FID	HRC-S-3	7.00	291	0.160	-0.132	0.006	0.011	0.000000	0.000000	-1156.13	571.80
3	GUIDE	472525528	6.61	583	-0.090	0.001	0.068	0.109	331.551102	45.248694	-1251.37	-2079.05
4	GUIDE	472523760	8.23	583	-0.084	-0.089	0.074	0.111	331.645363	45.403260	-1255.13	-1477.29
5	GUIDE	472665256	9.01	583	-0.119	-0.045	0.098	0.149	332.808125	46.195041	264.13	2309.69
6	GUIDE	472659832	9.47	583	0.034	0.081	0.100	0.153	332.780399	46.098139	346.91	1969.80
7	GUIDE	472646552	9.63	581	0.256	0.070	0.113	0.195	333.120915	45.571877	1906.01	594.68

2.4 Star Slots

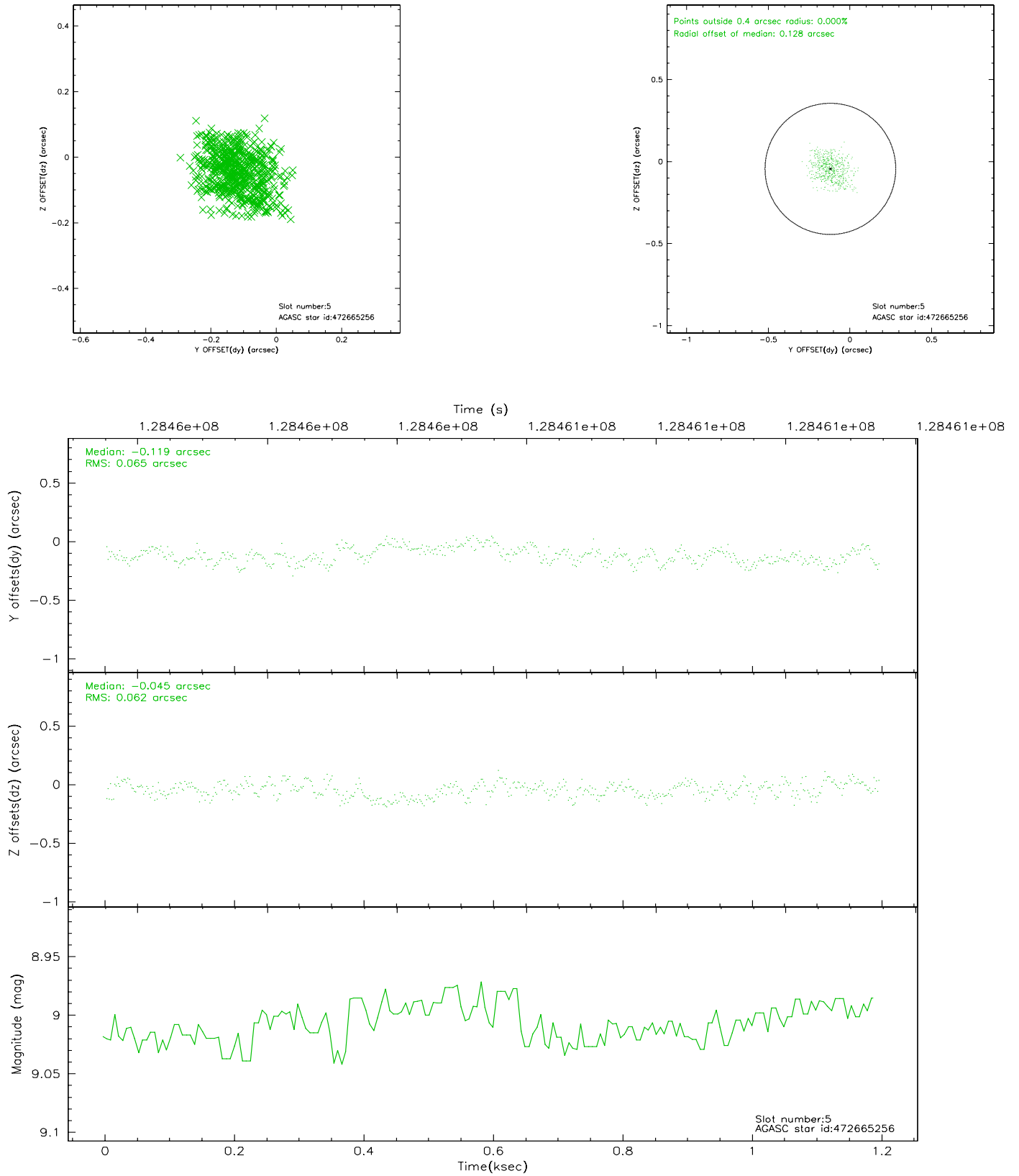
2.4.1 Slot 3



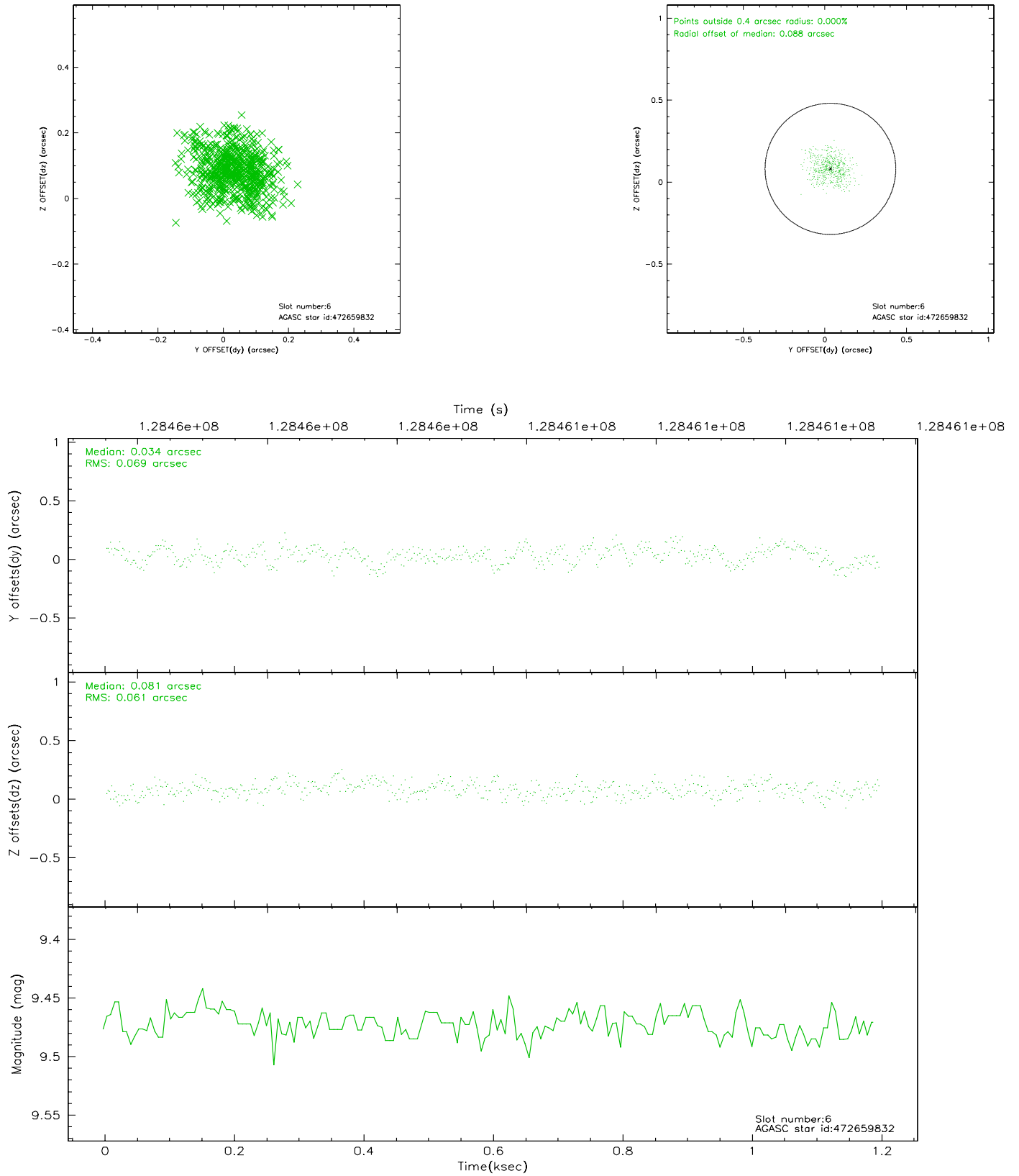
2.4.2 Slot 4



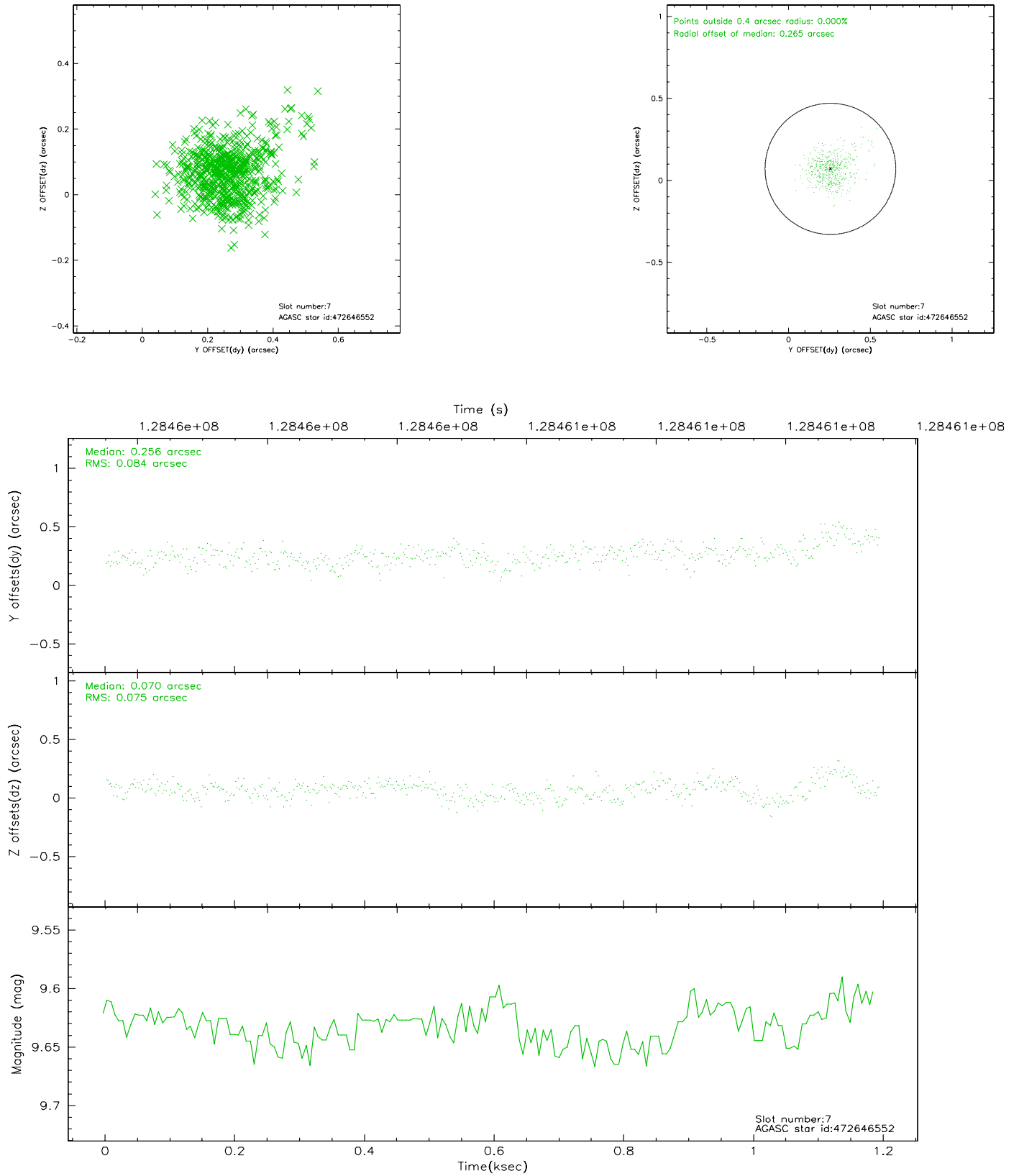
2.4.3 Slot 5



2.4.4 Slot 6

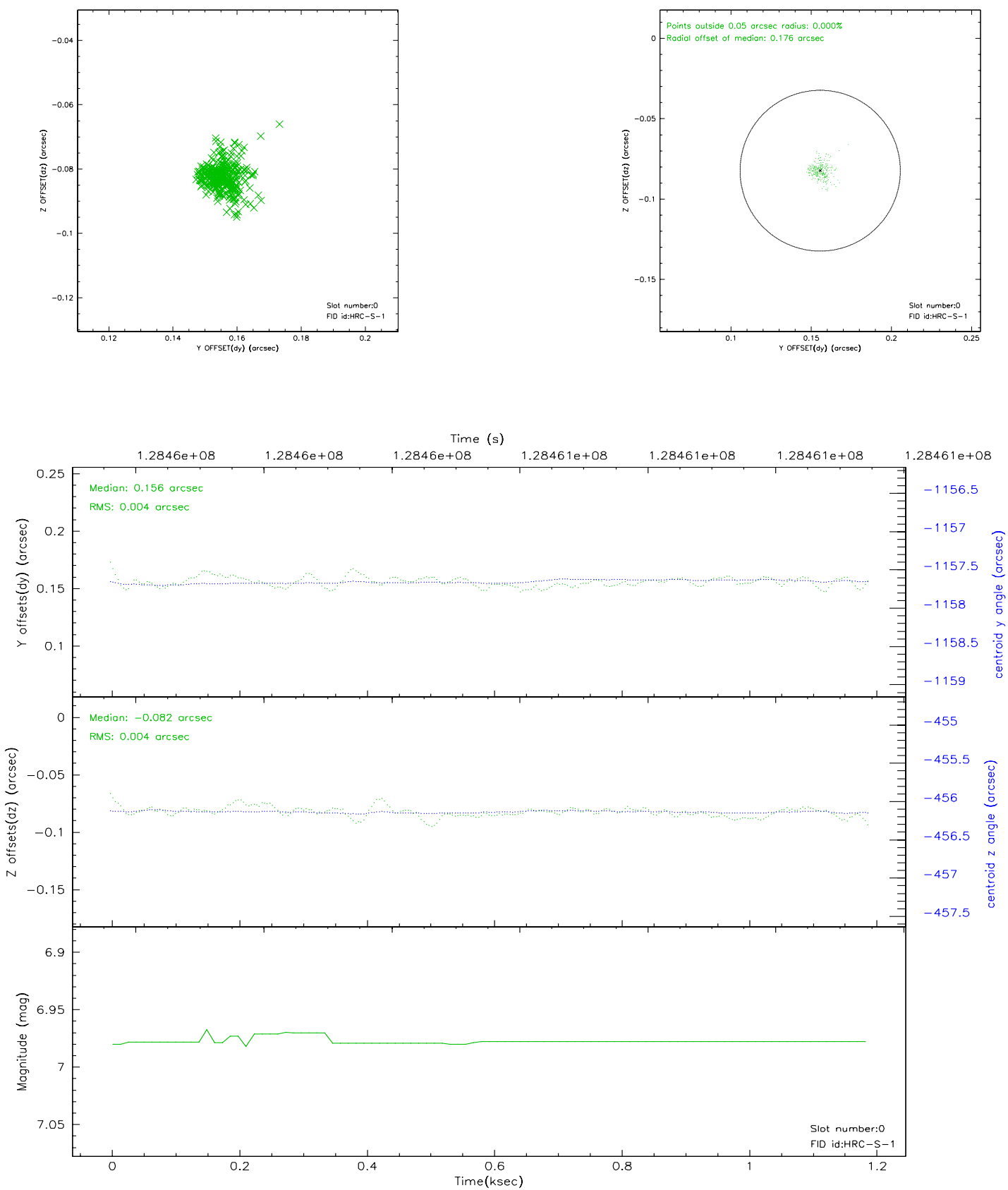


2.4.5 Slot 7

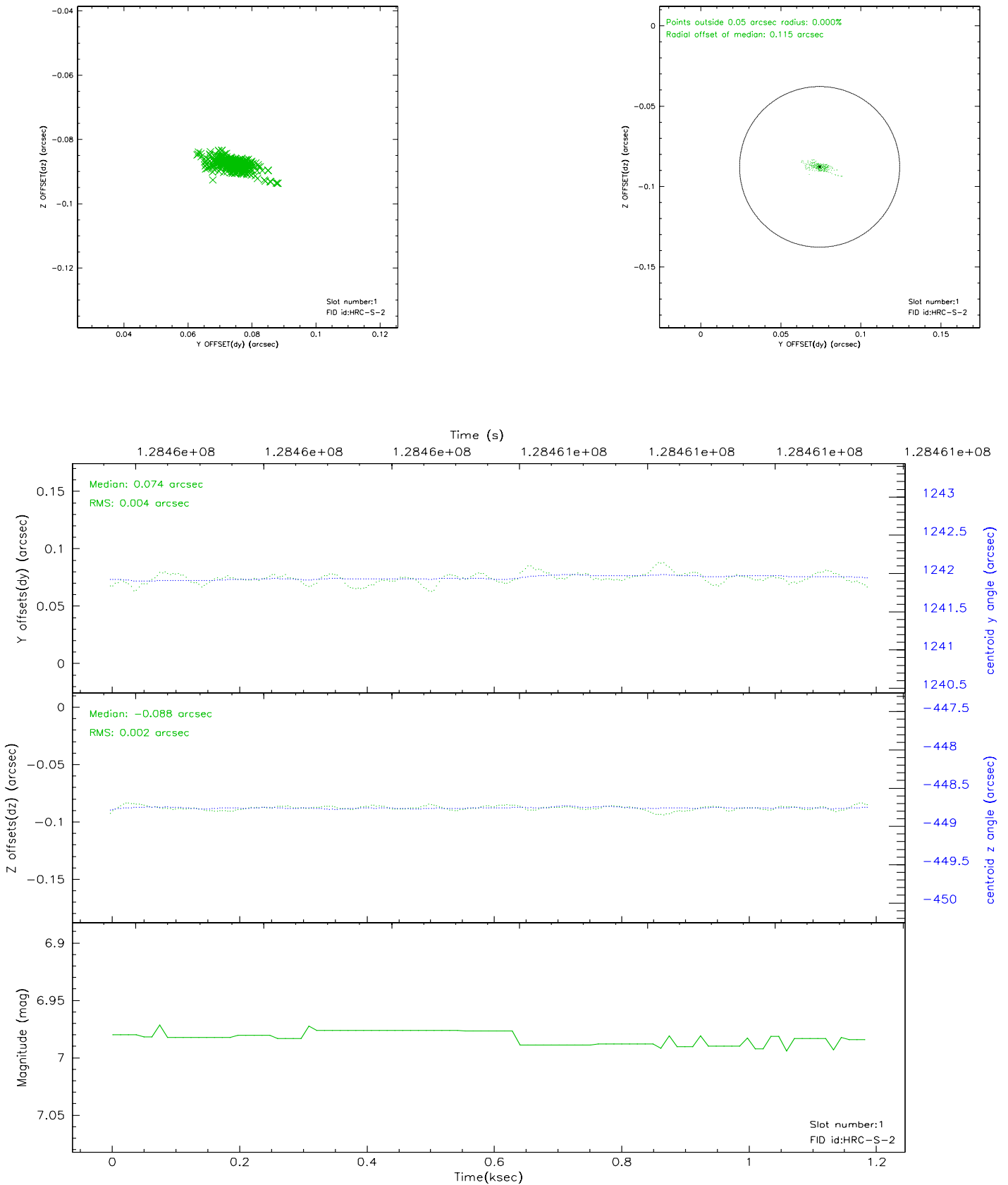


2.5 FID Slots

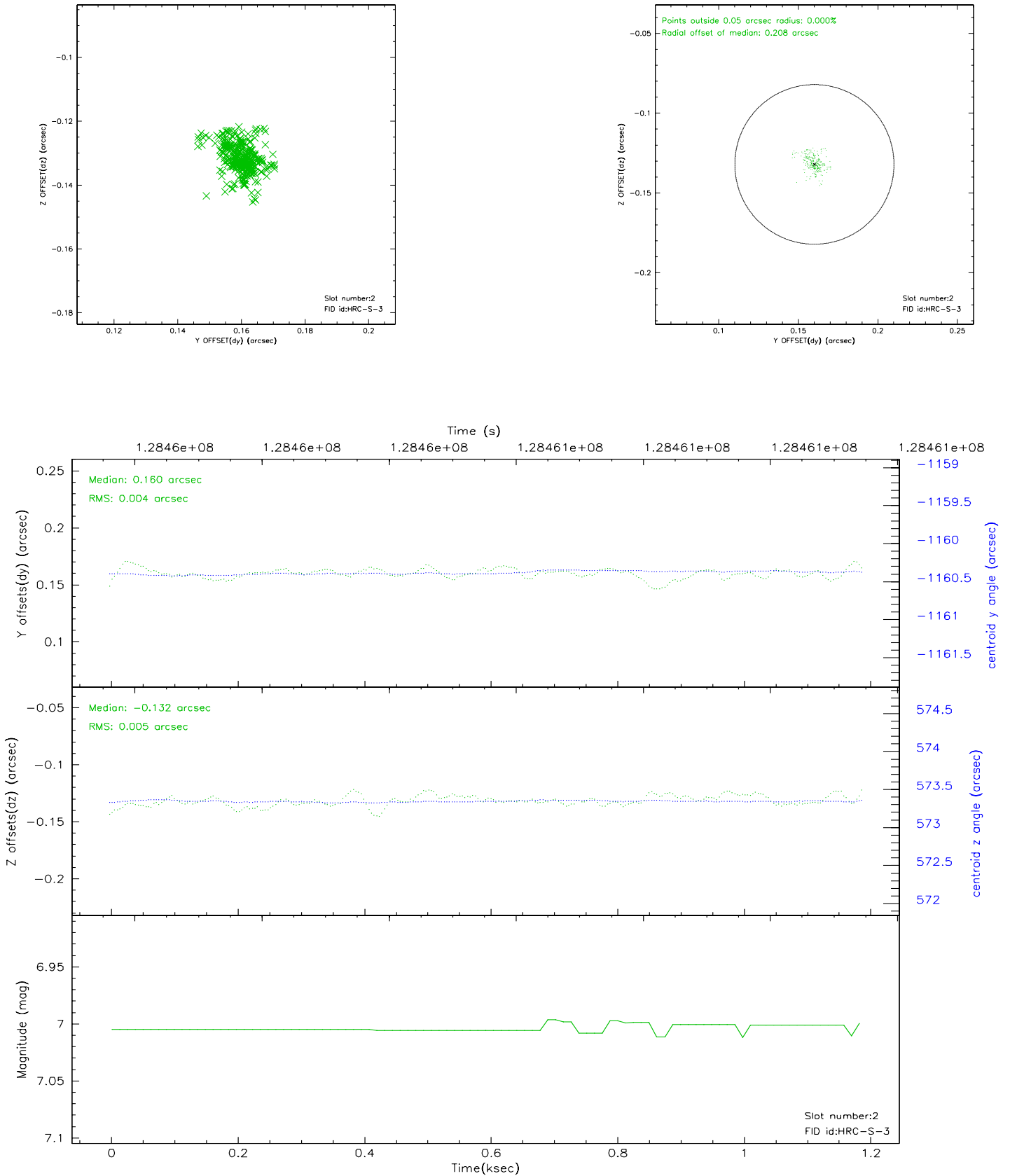
2.5.1 Slot 0



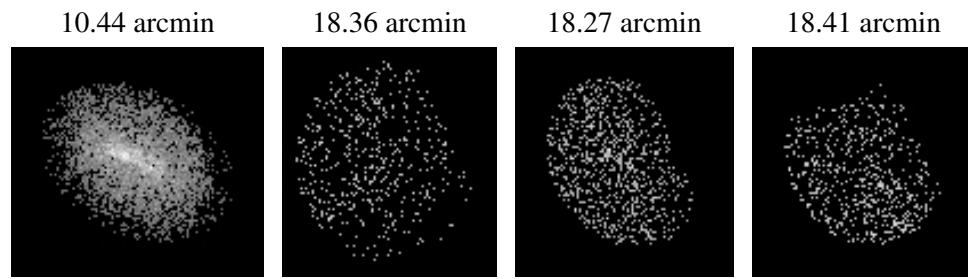
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments

Monitor constraint met.