

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2631 - L2 Version 001
Chandra X-Ray Center

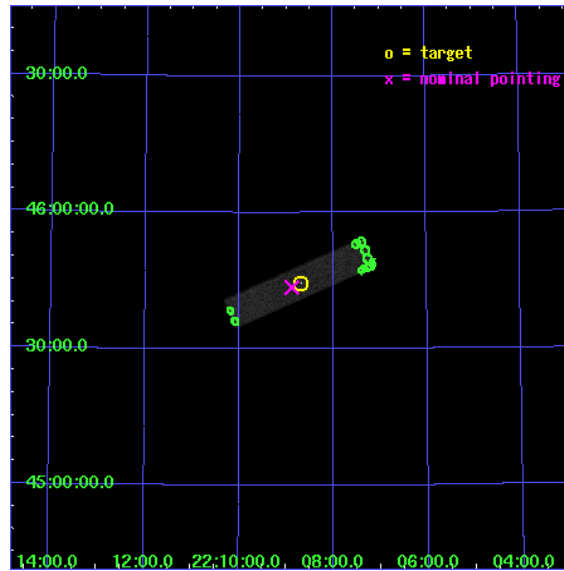
L2 Processing Date : Aug 28 2006

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

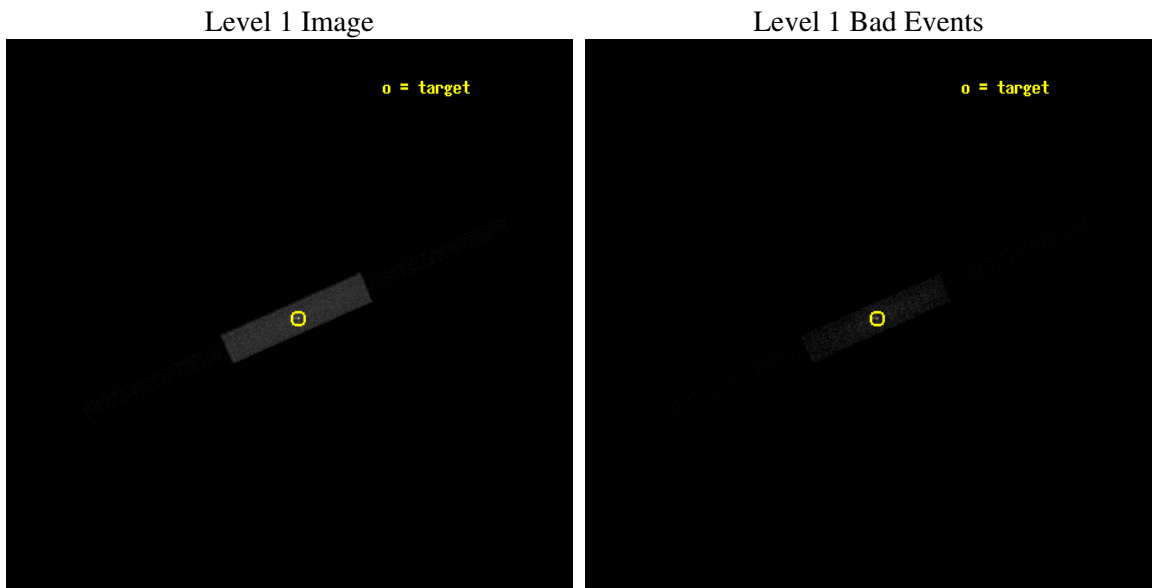
seq_num	290187
obs_id	2631
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21929384578
dec_nom	45.726018308341
roll_nom	336.22204667604
revision	2
ontime	1142.1062960178
livetime	1135.7708791505
l2events	41023



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	2006-08-28T22:35:06
revision	2

sched_exp_time	1000.000000
ontime	1192.0750480294
l1events	71376

2.1.3 Events

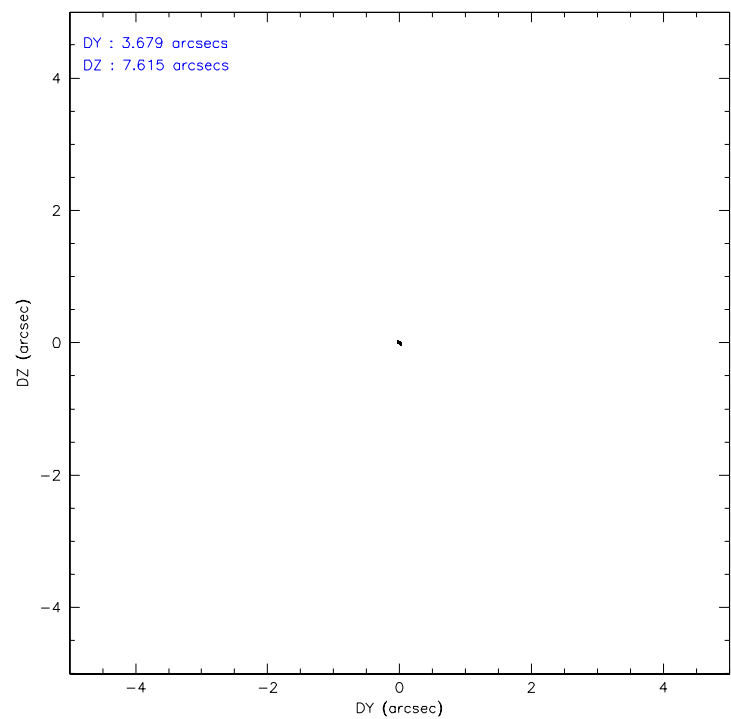
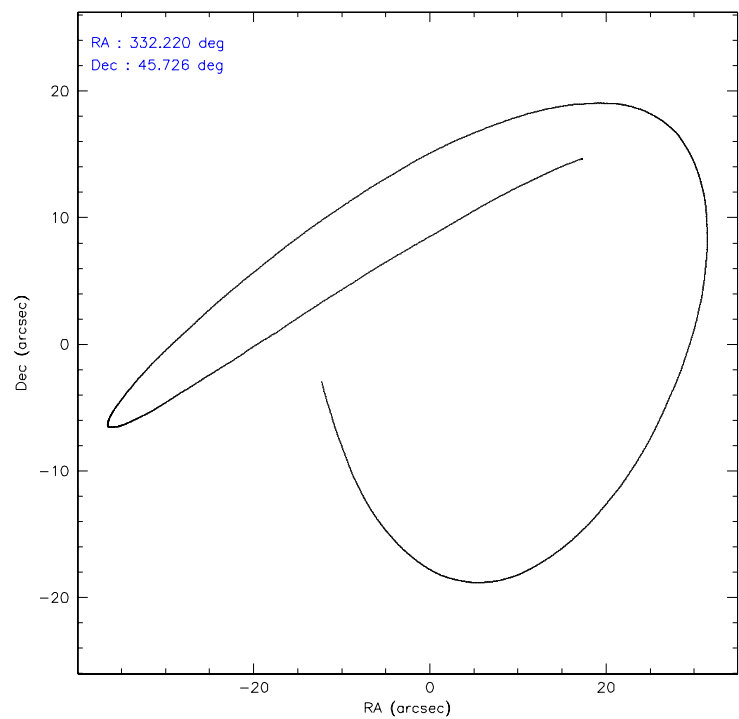
Level 1 Events

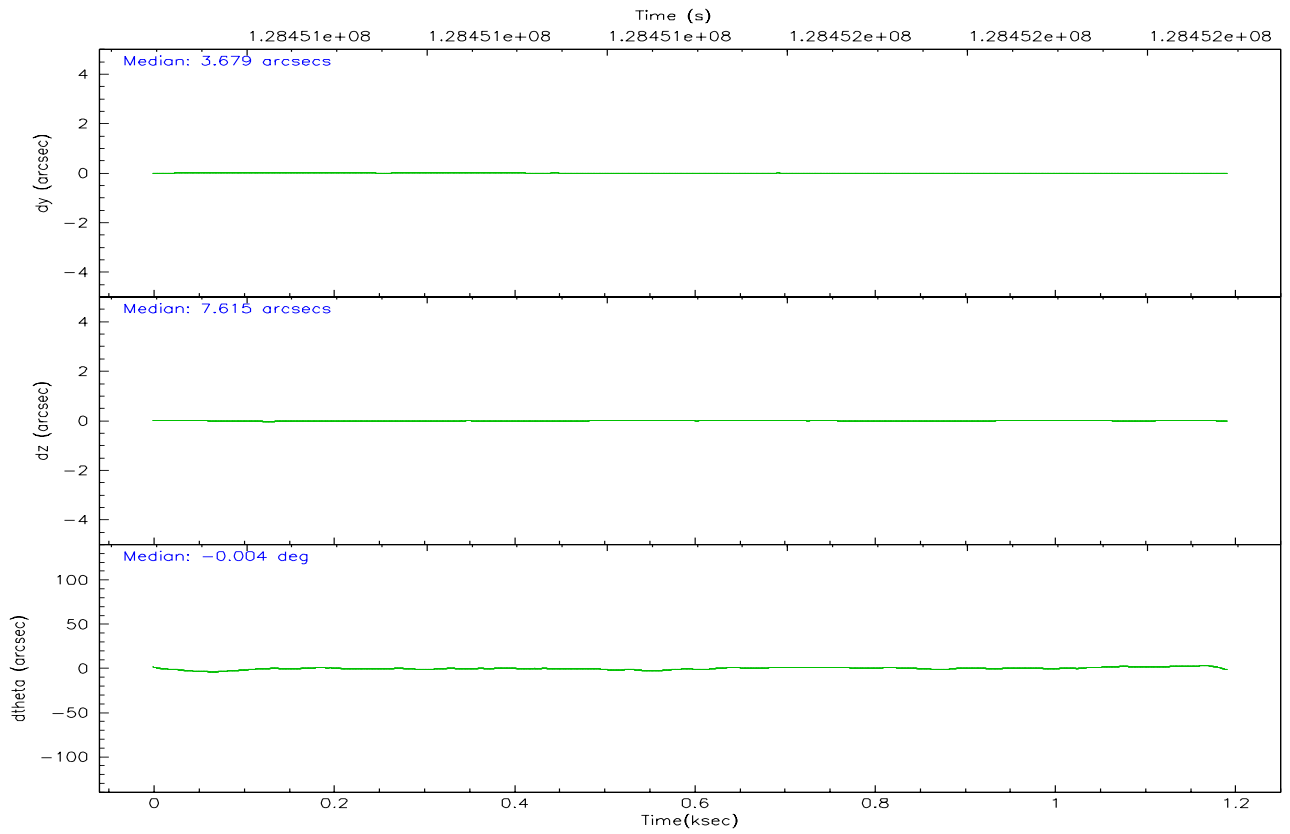
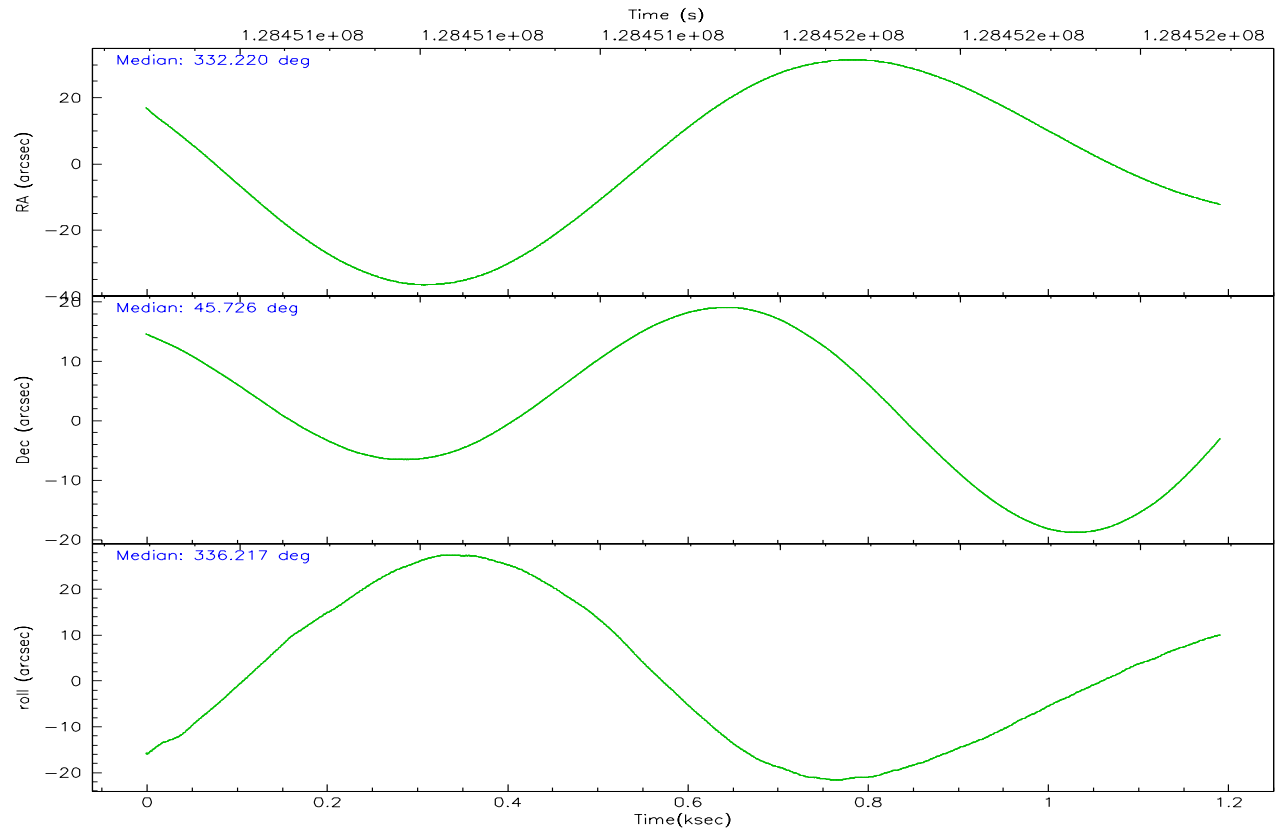
	segment 1	segment 2	segment 3
level 1 events	1248	68936	1192
rejected events	1248	25197	1192
rejected %	100%	36%	100%

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	332.179286	332.2192938457839			
Pointing Dec	45.722318	45.72601830834051			
Pointing Roll	336.183379	336.2220466760406			
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	128451087.184000	128450711.16366			
Observation start date	2002-01-26T16:50:23	2002-01-26T16:45:11			
Observation end time	128452087.184000	128452221.50122			
Observation end date	2002-01-26T17:07:03	2002-01-26T17:10:21			

2.3 Aspect



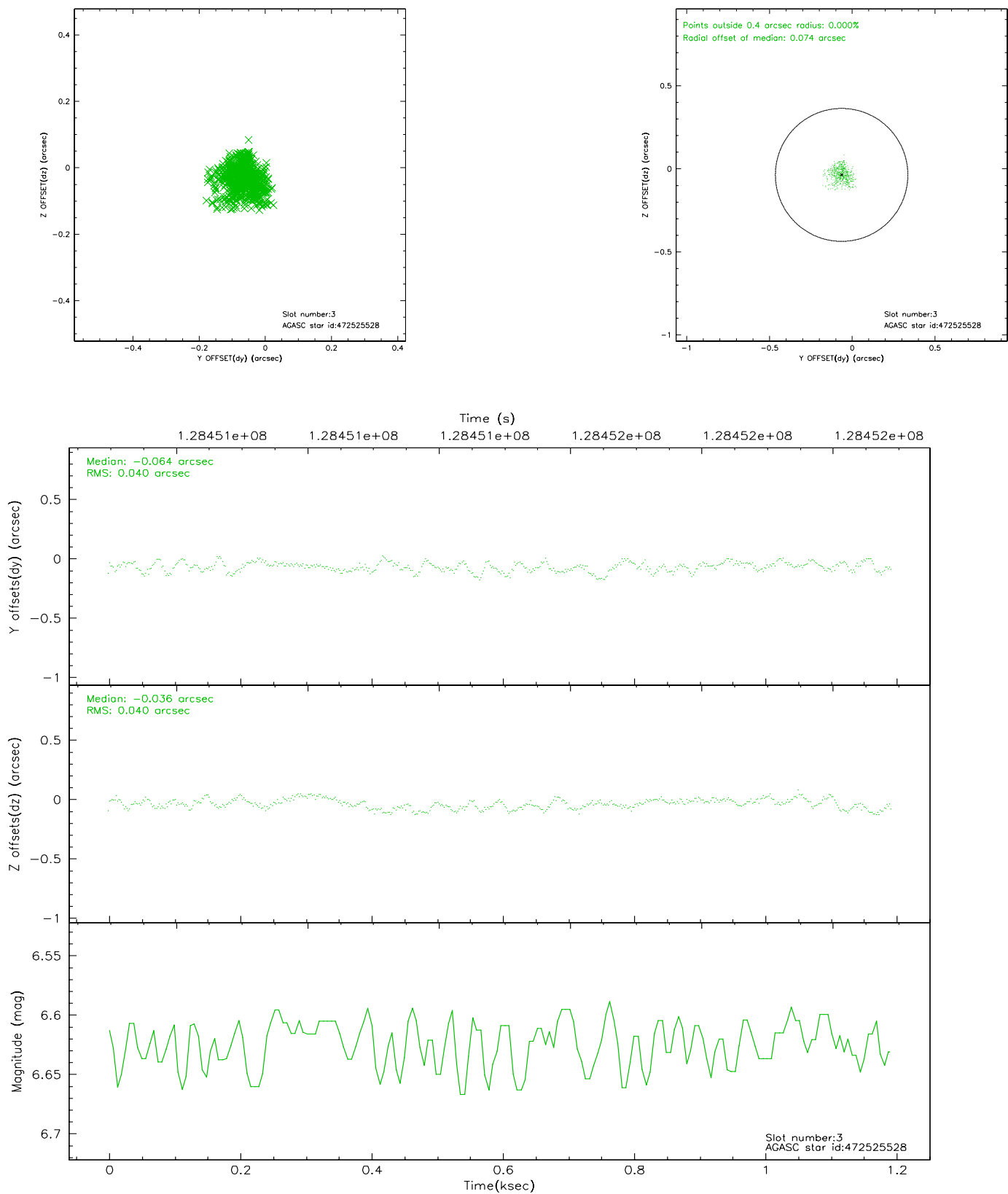


Slot Statistics

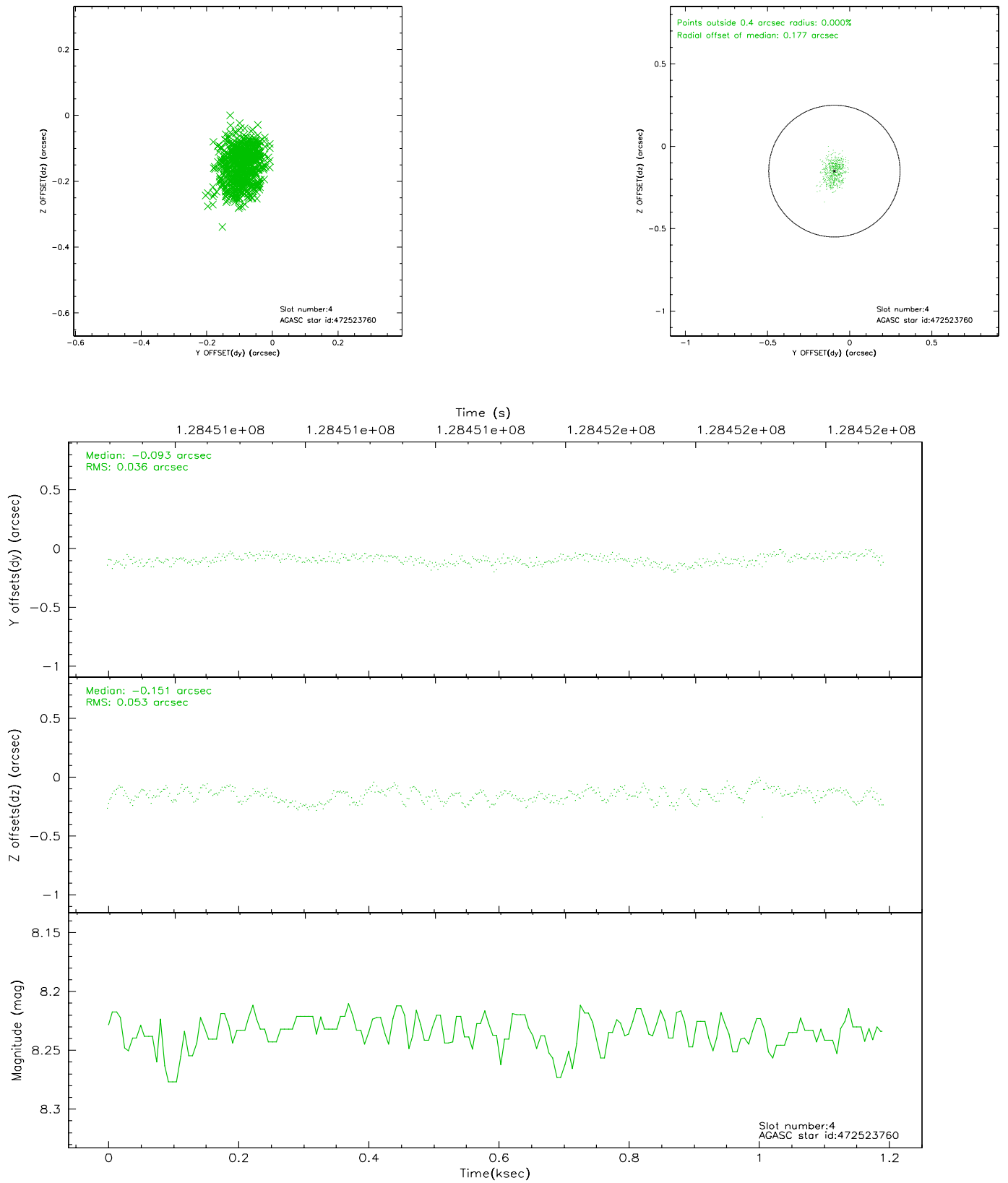
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	290	0.154	-0.081	0.017	0.034	0.000000	0.000000	-1157.71	-456.15
1	FID	HRC-S-2	6.98	291	0.076	-0.088	0.007	0.020	0.000000	0.000000	1237.91	-450.34
2	FID	HRC-S-3	7.01	291	0.160	-0.134	0.013	0.029	0.000000	0.000000	-1156.18	571.78
3	GUIDE	472525528	6.62	583	-0.064	-0.036	0.062	0.094	331.551102	45.248694	-771.22	-2194.57
4	GUIDE	472523760	8.23	583	-0.093	-0.151	0.069	0.106	331.645363	45.403260	-774.68	-1593.05
5	GUIDE	472659832	9.47	582	-0.008	0.071	0.106	0.169	332.780399	46.098139	821.91	1848.86
6	GUIDE	472655152	9.43	583	0.047	0.073	0.090	0.150	332.504239	45.862991	540.77	799.65
7	GUIDE	472646552	9.64	581	0.121	0.050	0.120	0.194	333.120915	45.571877	2384.13	479.73

2.4 Star Slots

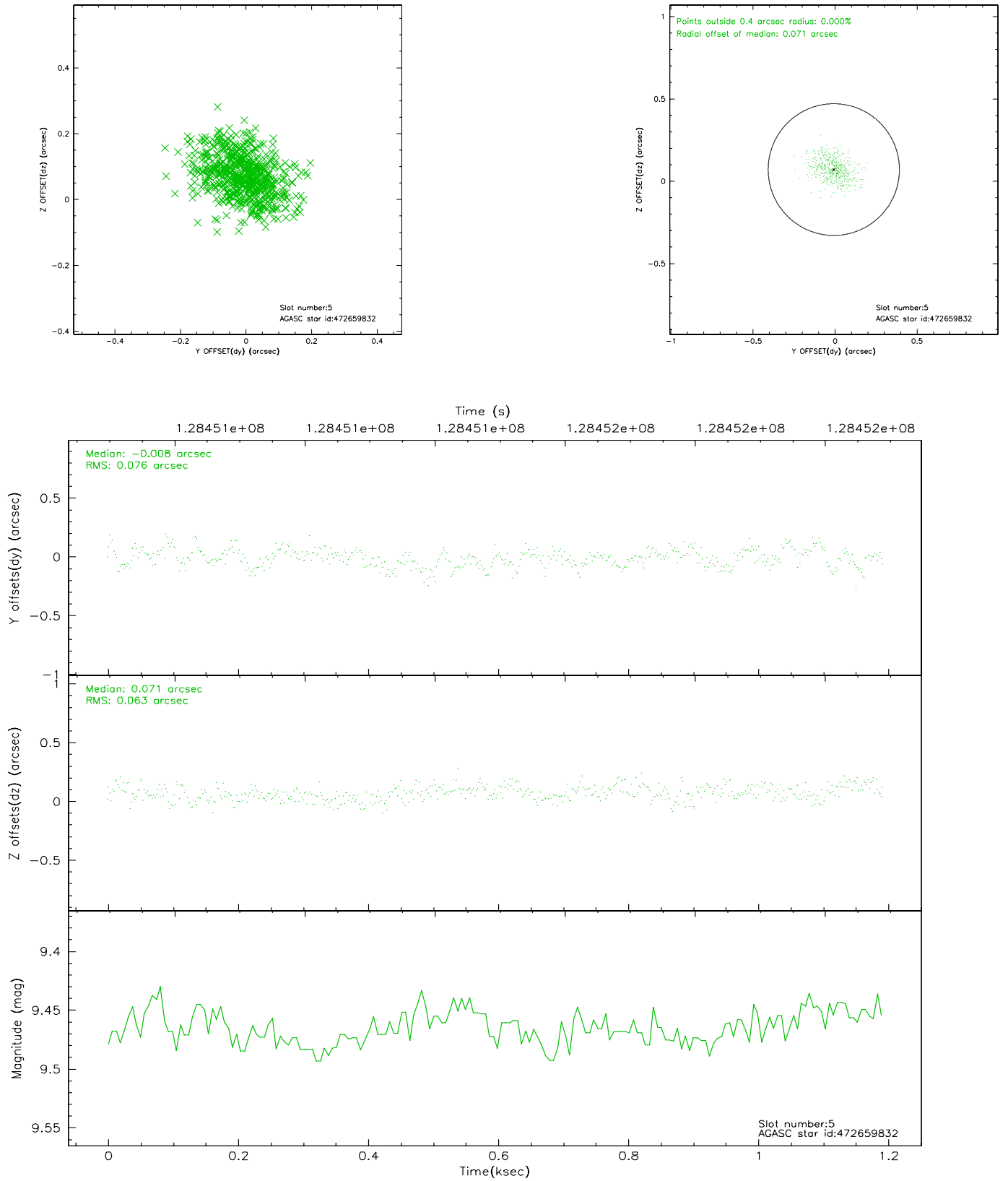
2.4.1 Slot 3



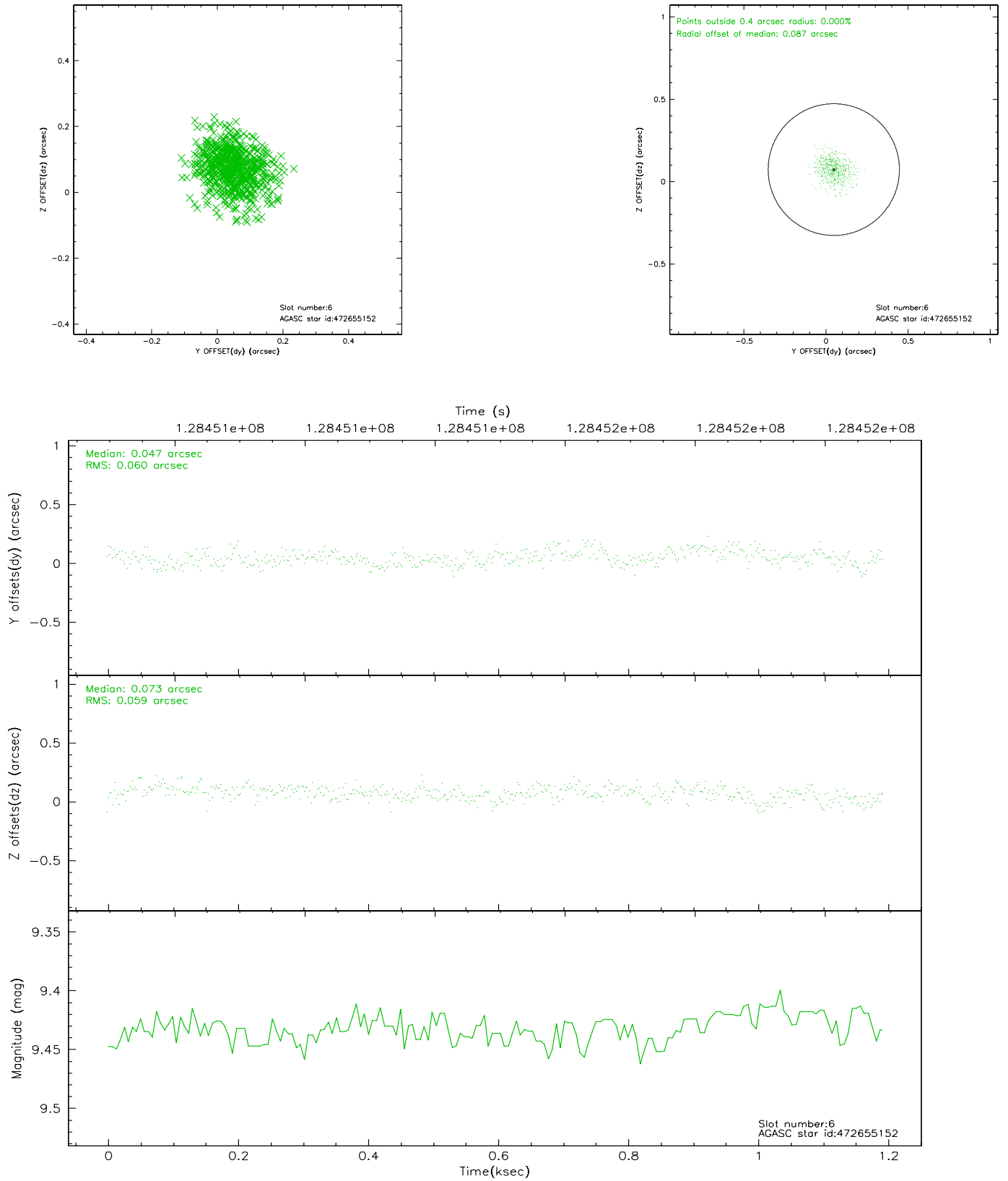
2.4.2 Slot 4



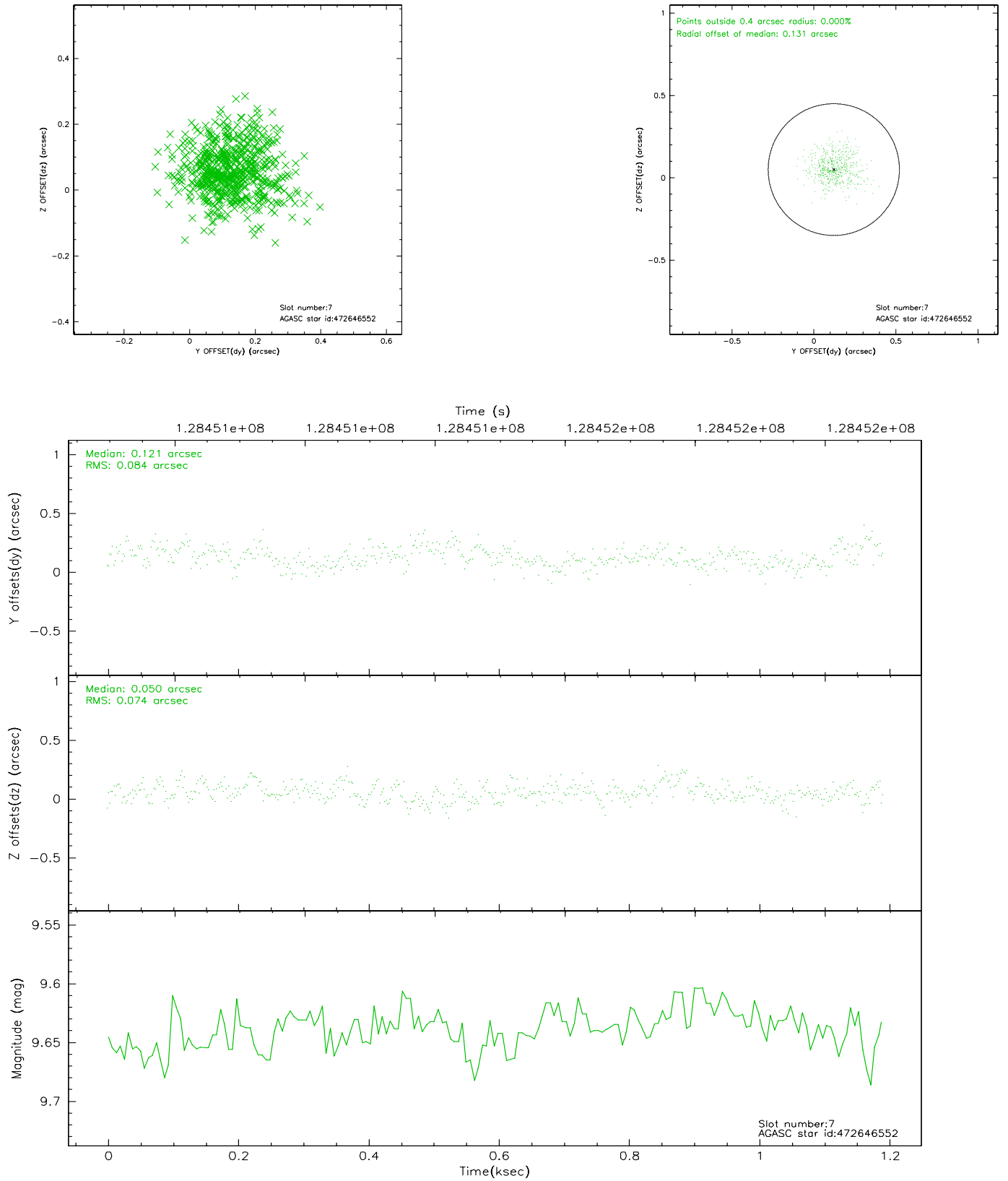
2.4.3 Slot 5



2.4.4 Slot 6

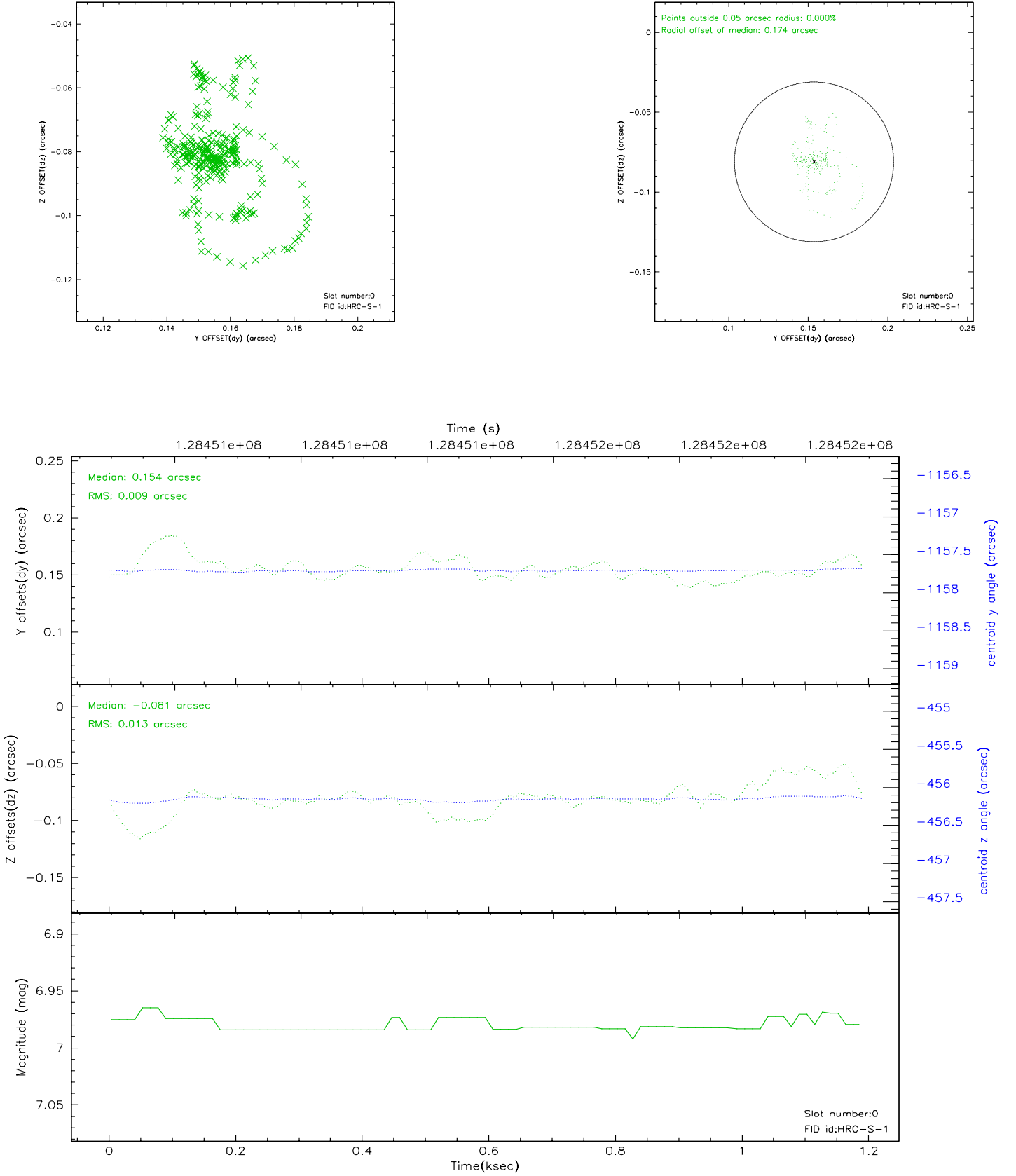


2.4.5 Slot 7

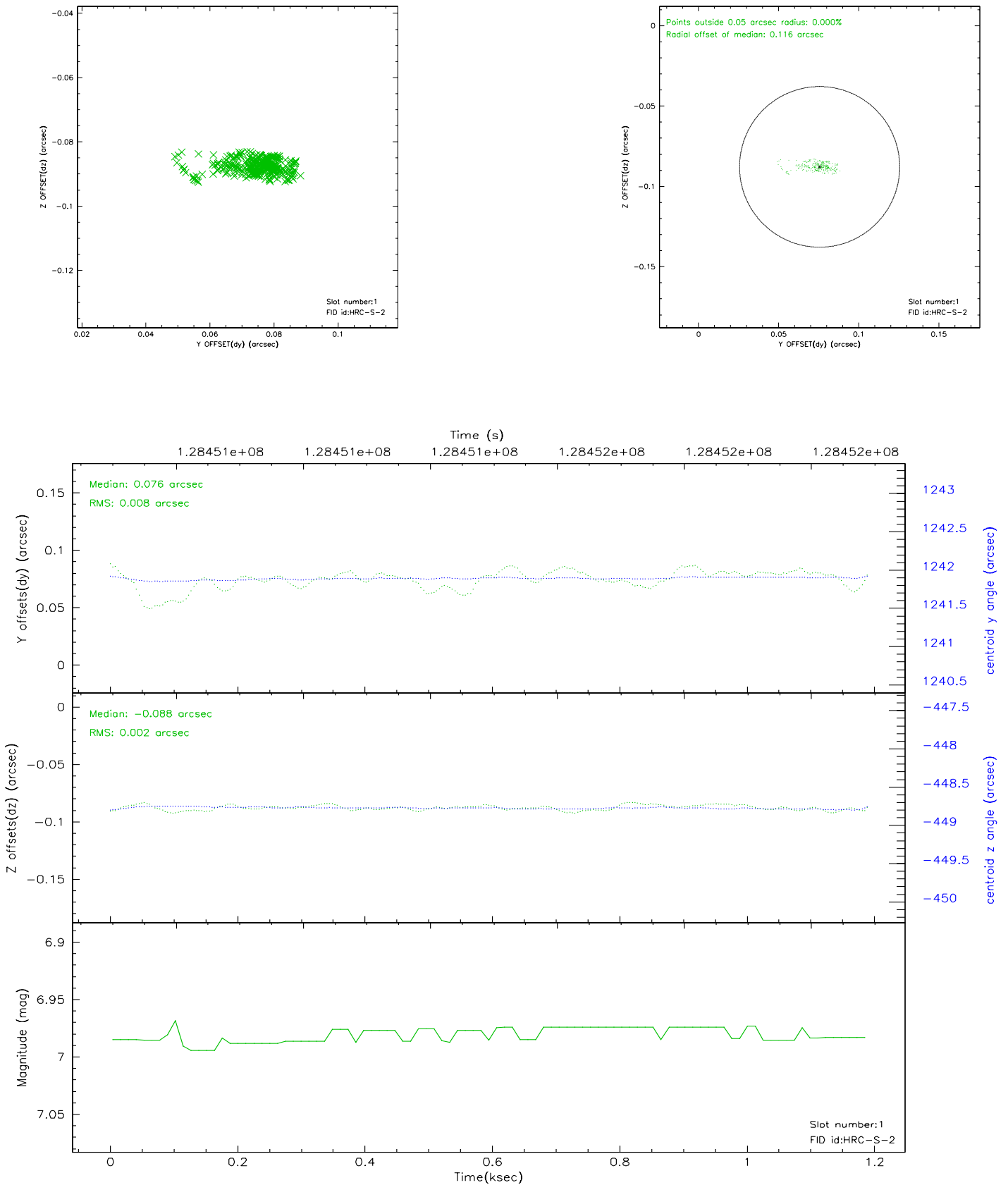


2.5 FID Slots

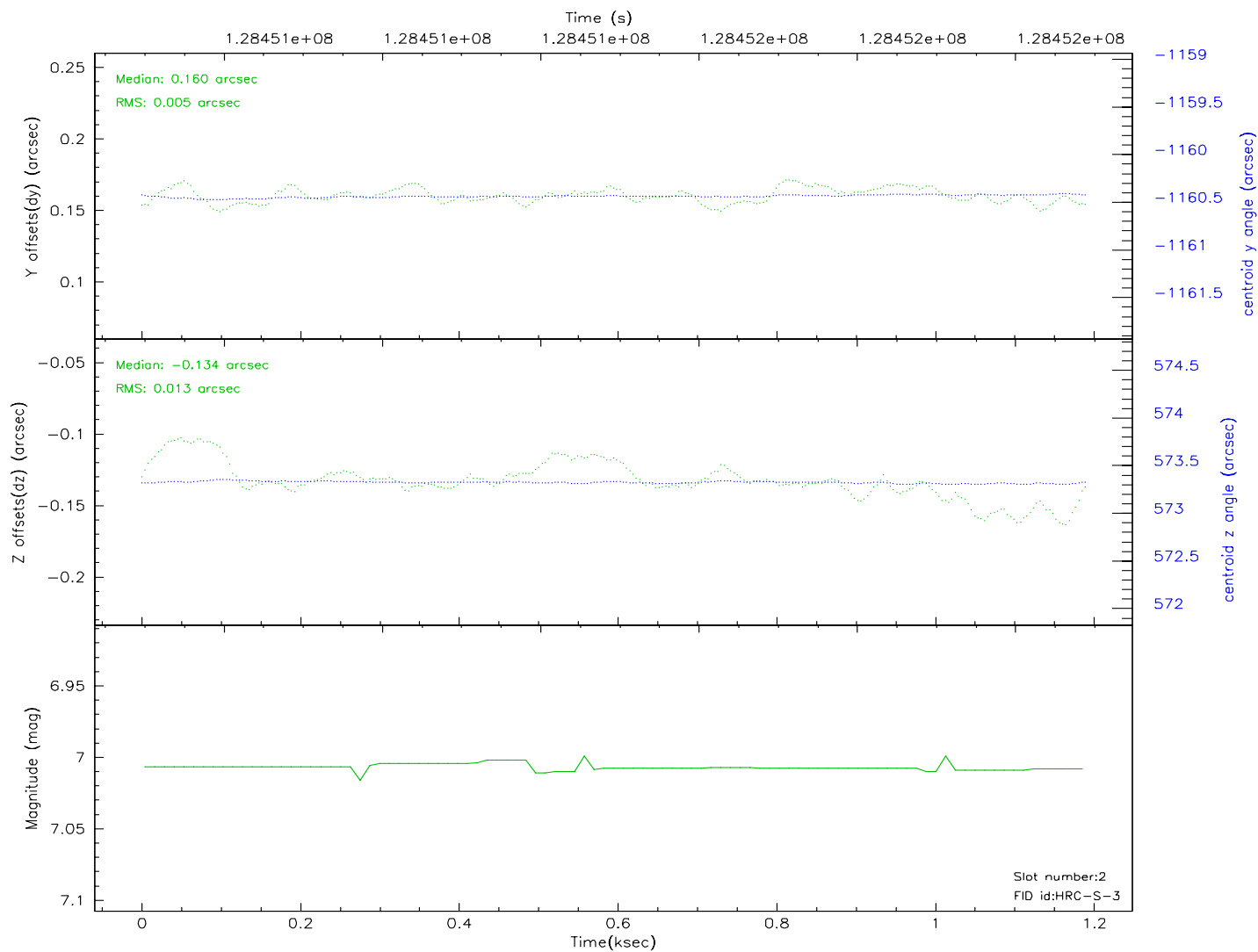
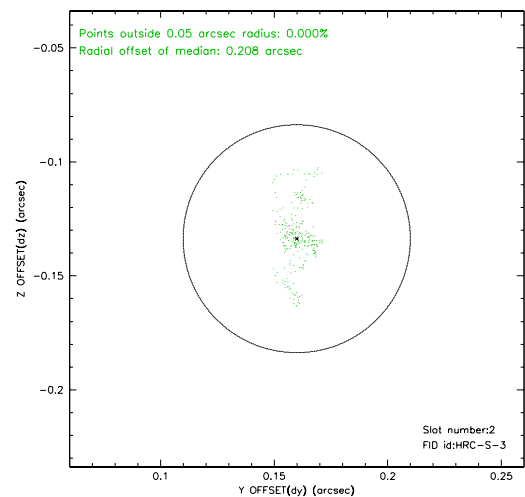
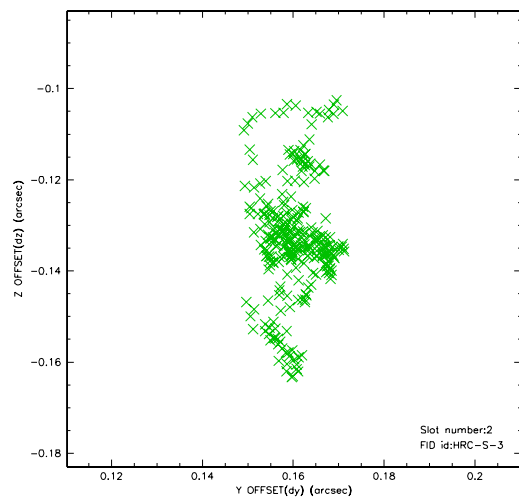
2.5.1 Slot 0



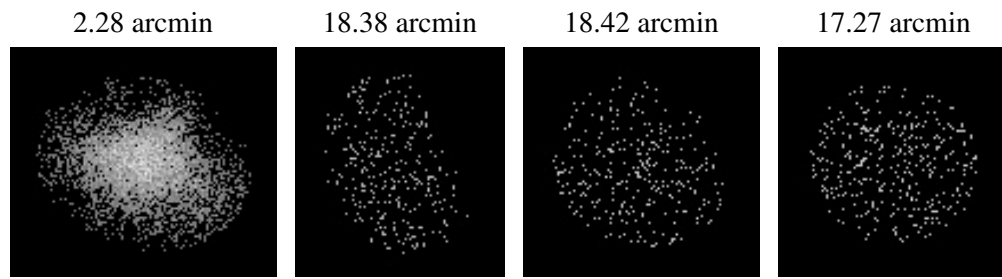
2.5.2 Slot 1



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.