

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2651 - L2 Version 001
Chandra X-Ray Center

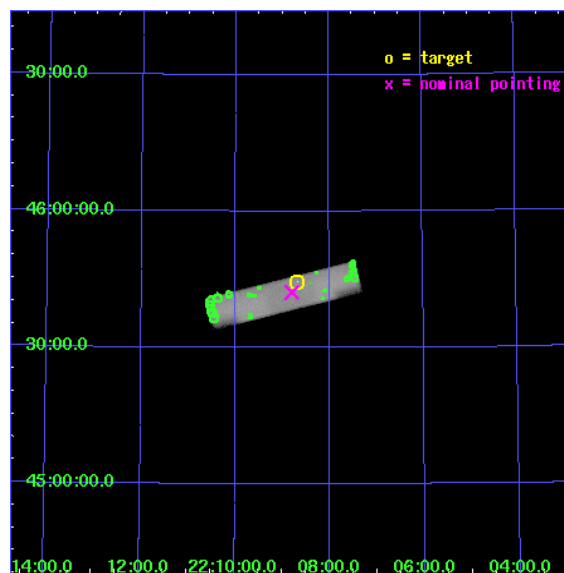
L2 Processing Date : Sep 30 2006

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	290207
obs_id	2651
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.19892871559
dec_nom	45.703282030552
roll_nom	165.91485420636
revision	2
ontime	1143.1312970817
livetime	235.46248454426
l2events	198684

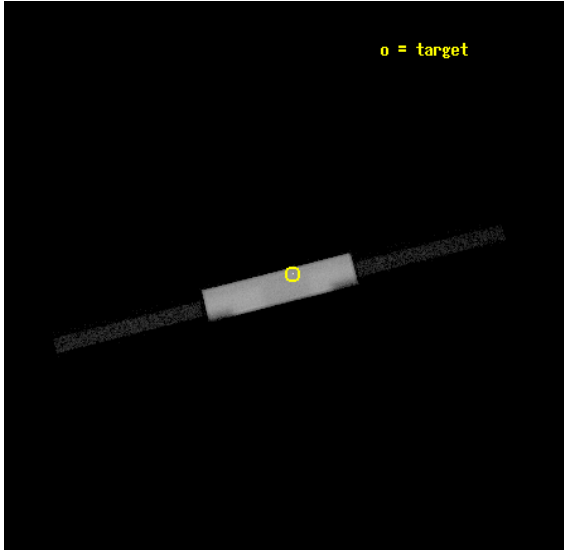


2 OBI

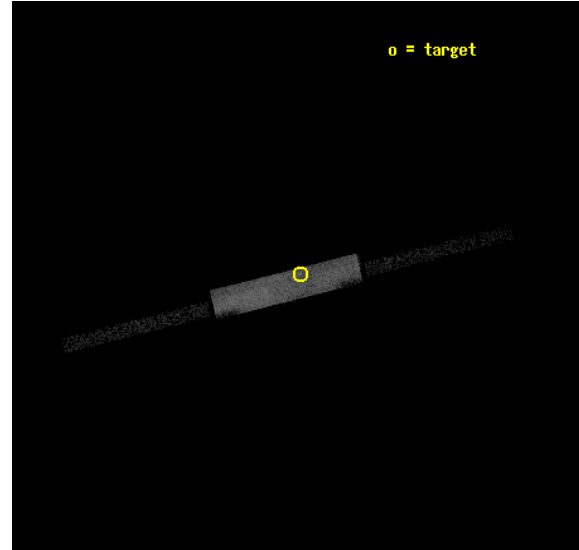
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-30T11:36:32
revision	2

sched_exp_time	1000.000000
ontime	1191.0500490367
l1events	277830

2.1.3 Events

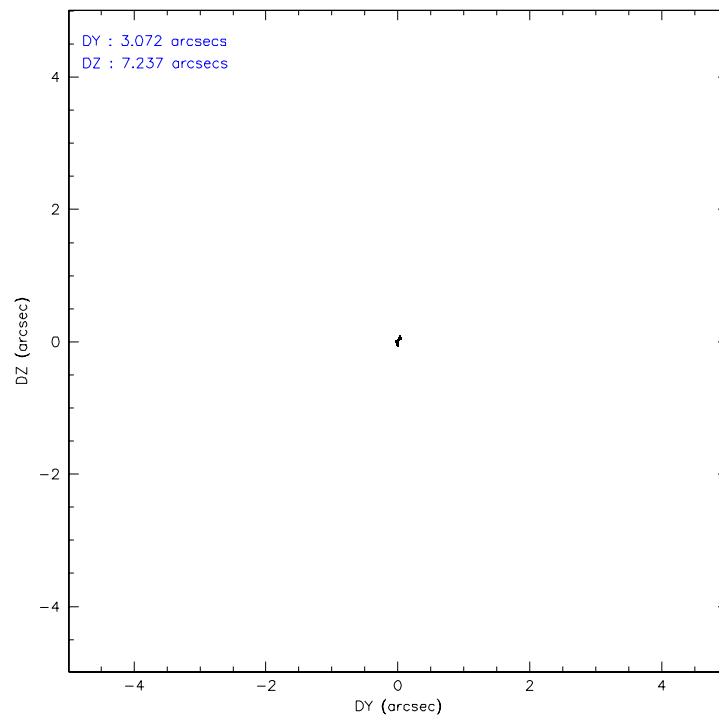
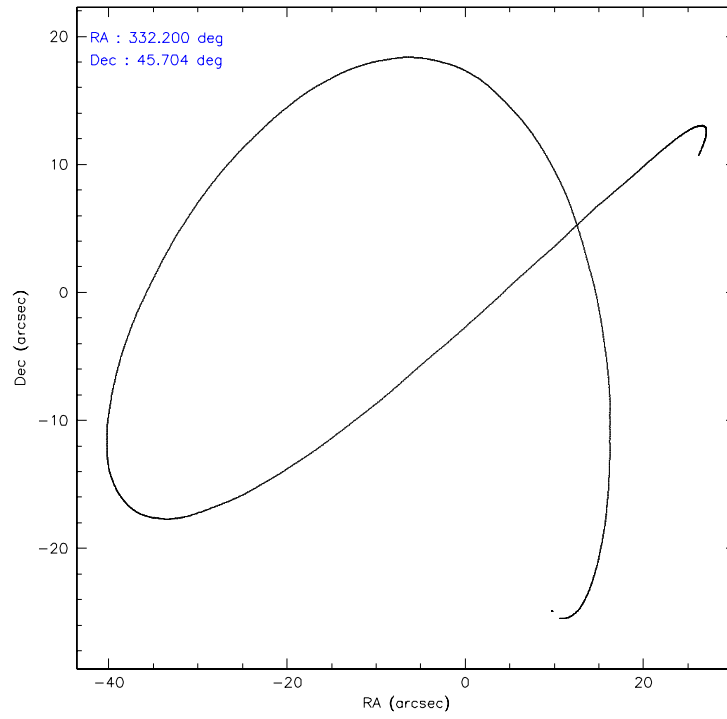
Level 1 Events

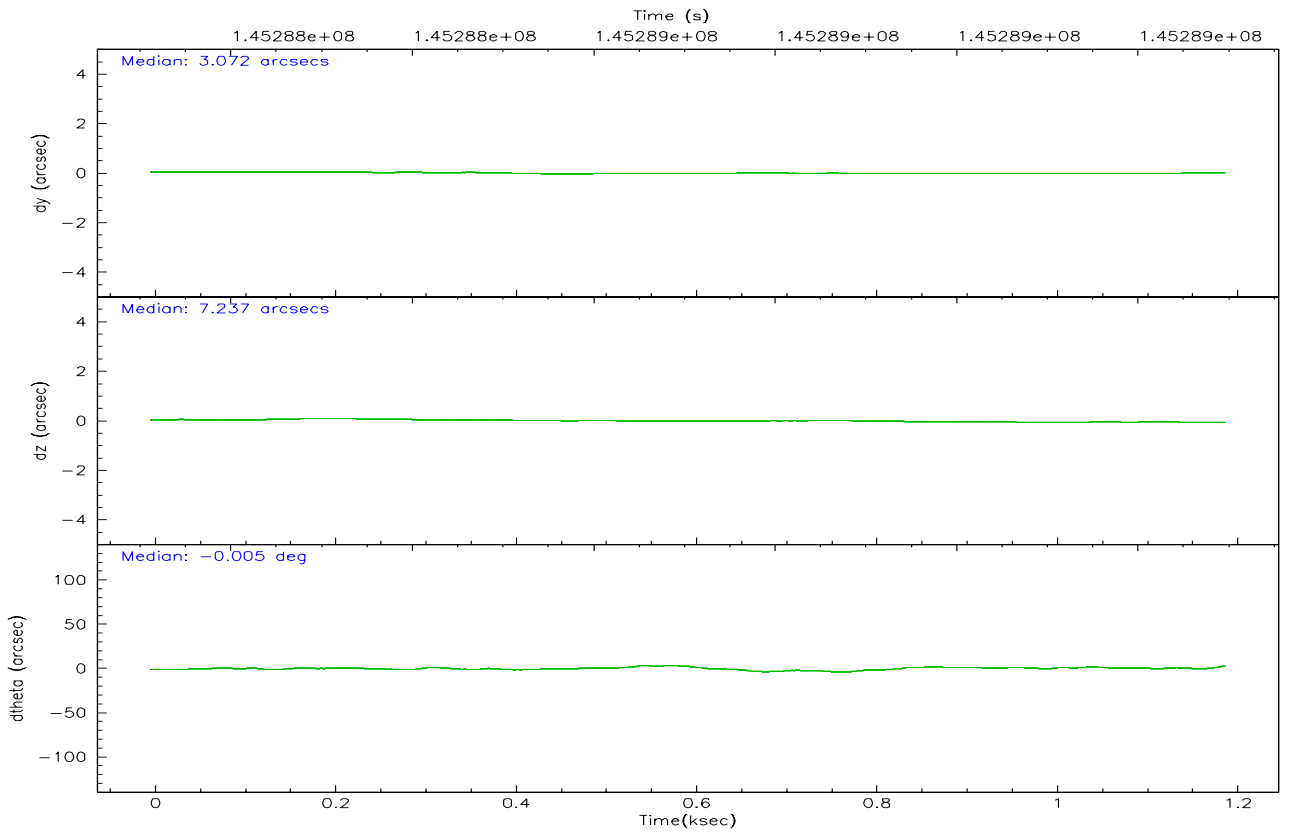
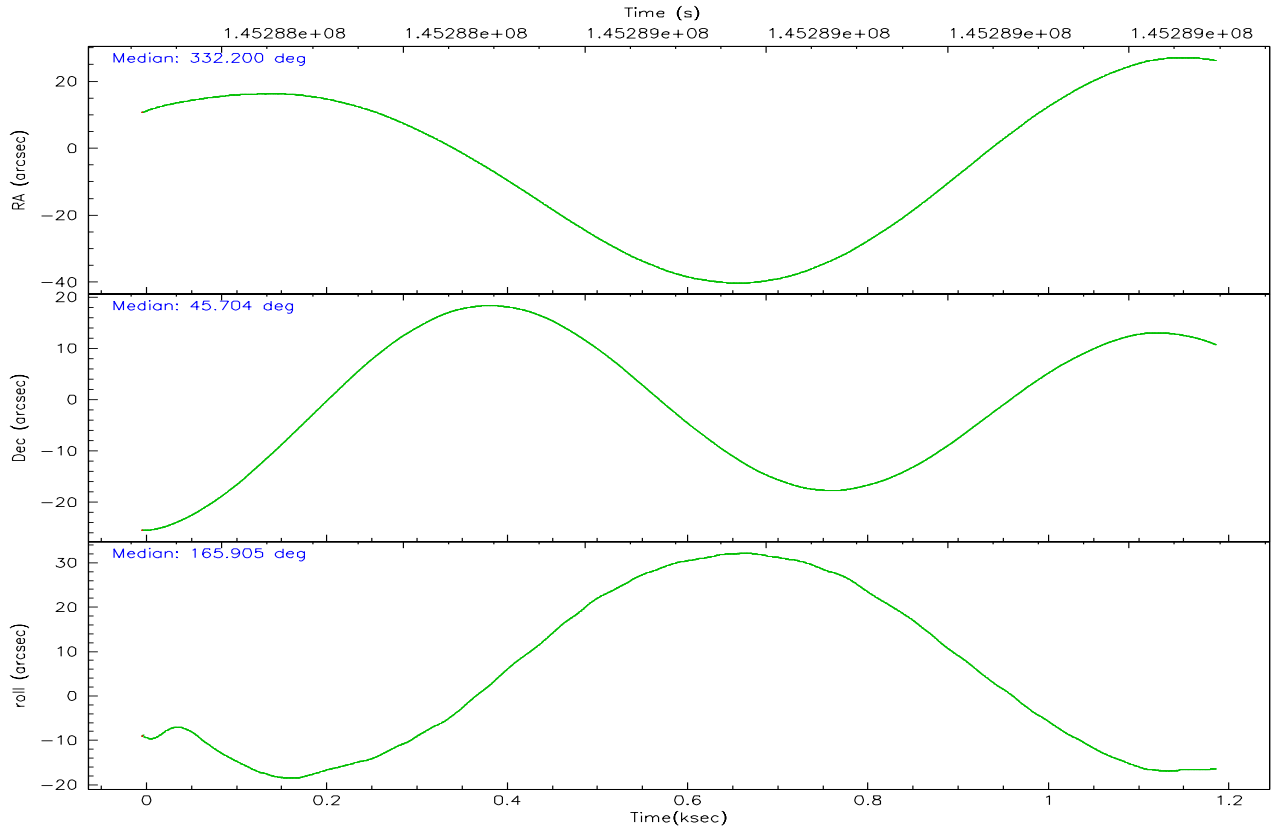
	segment 1	segment 2	segment 3
level 1 events	3258	271965	2607
rejected events	3258	69320	2607
rejected %	100%	25%	100%

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	332.236968	332.1989287155853			
Pointing Dec	45.712290	45.70328203055169			
Pointing Roll	165.820317	165.9148542063589			
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	145288298.184000	145287922.01197			
Observation start date	2002-08-09T13:50:34	2002-08-09T13:45:22			
Observation end time	145289298.184000	145289431.83703			
Observation end date	2002-08-09T14:07:14	2002-08-09T14:10:31			

2.3 Aspect



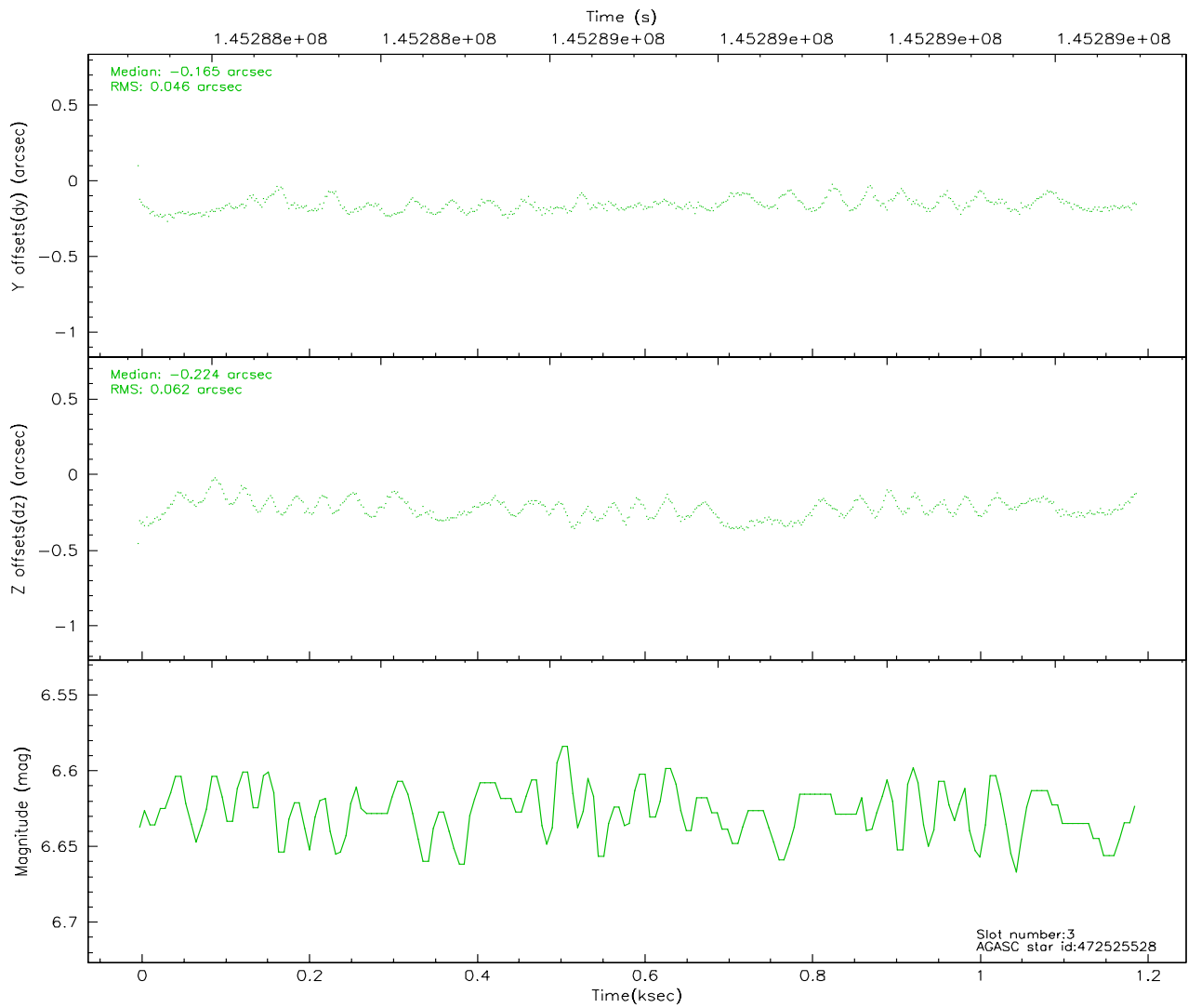
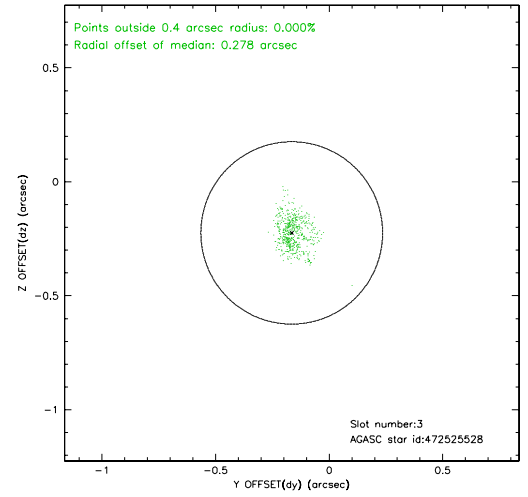
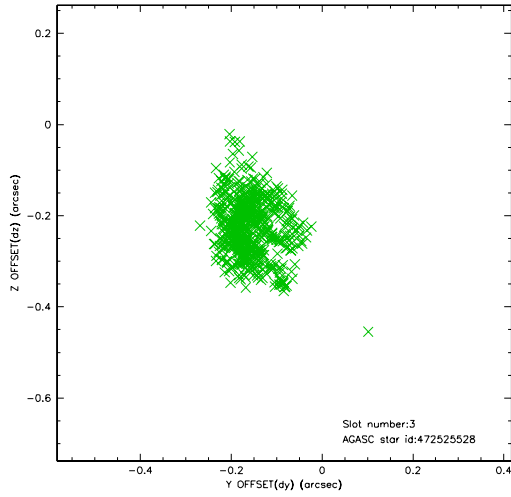


Slot Statistics

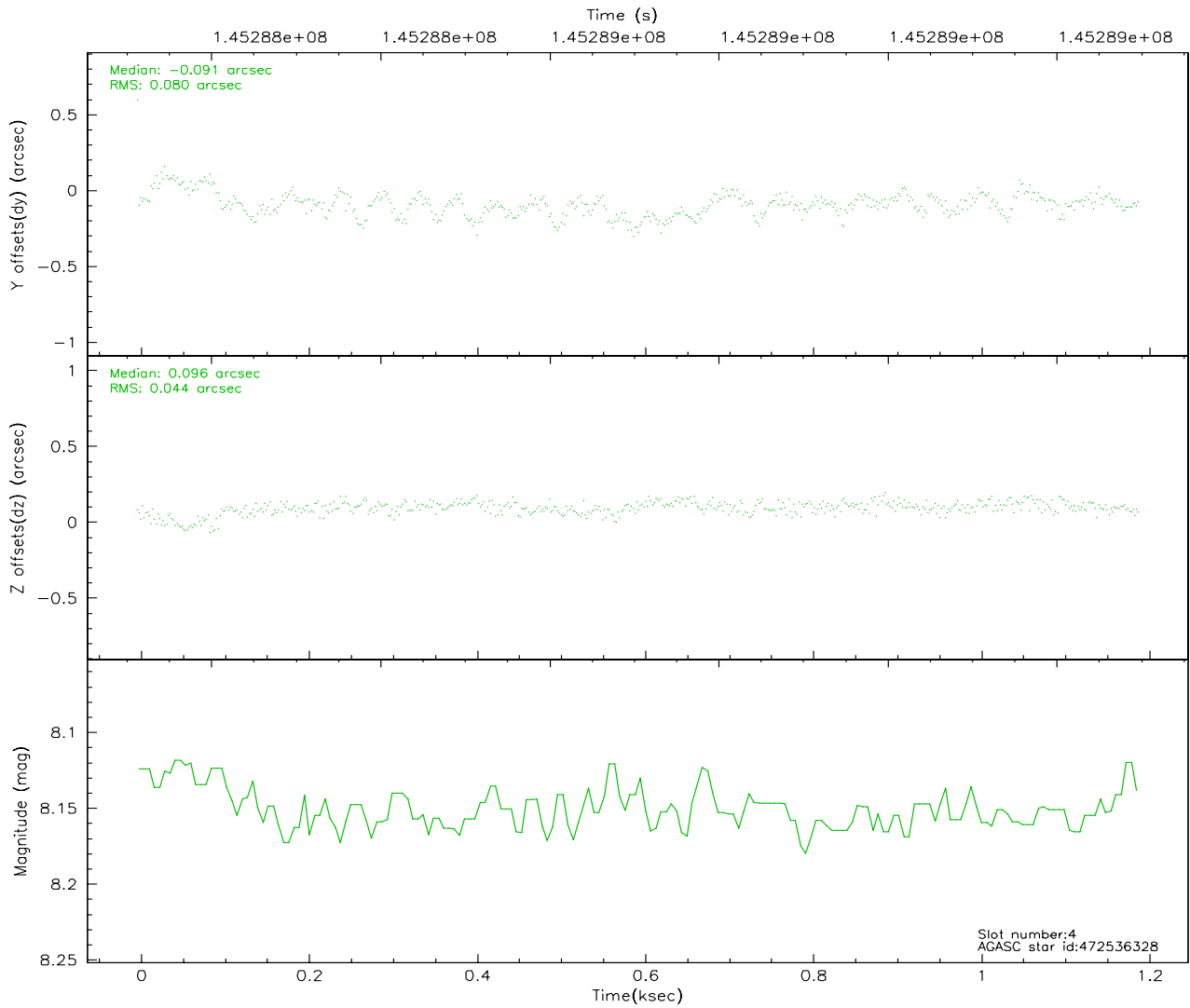
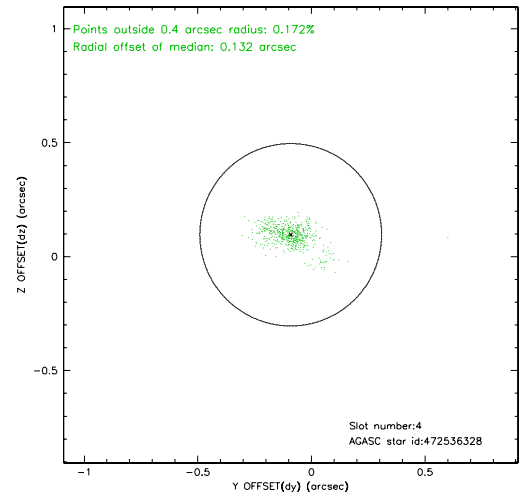
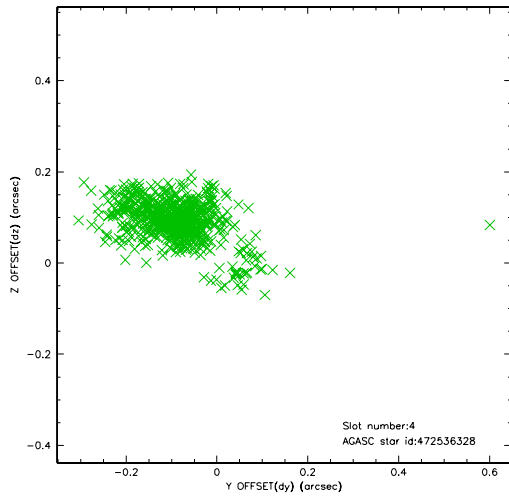
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.150	-0.114	0.006	0.015	0.000000	0.000000	-1157.09	-455.81
1	FID	HRC-S-2	7.01	291	0.090	-0.125	0.008	0.013	0.000000	0.000000	1238.55	-449.98
2	FID	HRC-S-4	6.96	291	0.162	-0.064	0.008	0.015	0.000000	0.000000	1245.41	574.83
3	GUIDE	472525528	6.63	582	-0.165	-0.224	0.082	0.133	331.551102	45.248694	1278.70	2037.96
4	GUIDE	472536328	8.15	582	-0.091	0.096	0.084	0.176	331.496671	46.454831	2440.34	-2145.10
5	GUIDE	472665256	9.01	581	0.096	0.249	0.096	0.206	332.808125	46.195041	-947.63	-2040.96
6	GUIDE	472659832	9.46	579	0.093	0.131	0.098	0.181	332.780399	46.098139	-974.44	-1685.91
7	GUIDE	472654568	9.44	581	0.065	-0.238	0.112	0.171	332.194449	45.063576	-468.49	2288.68

2.4 Star Slots

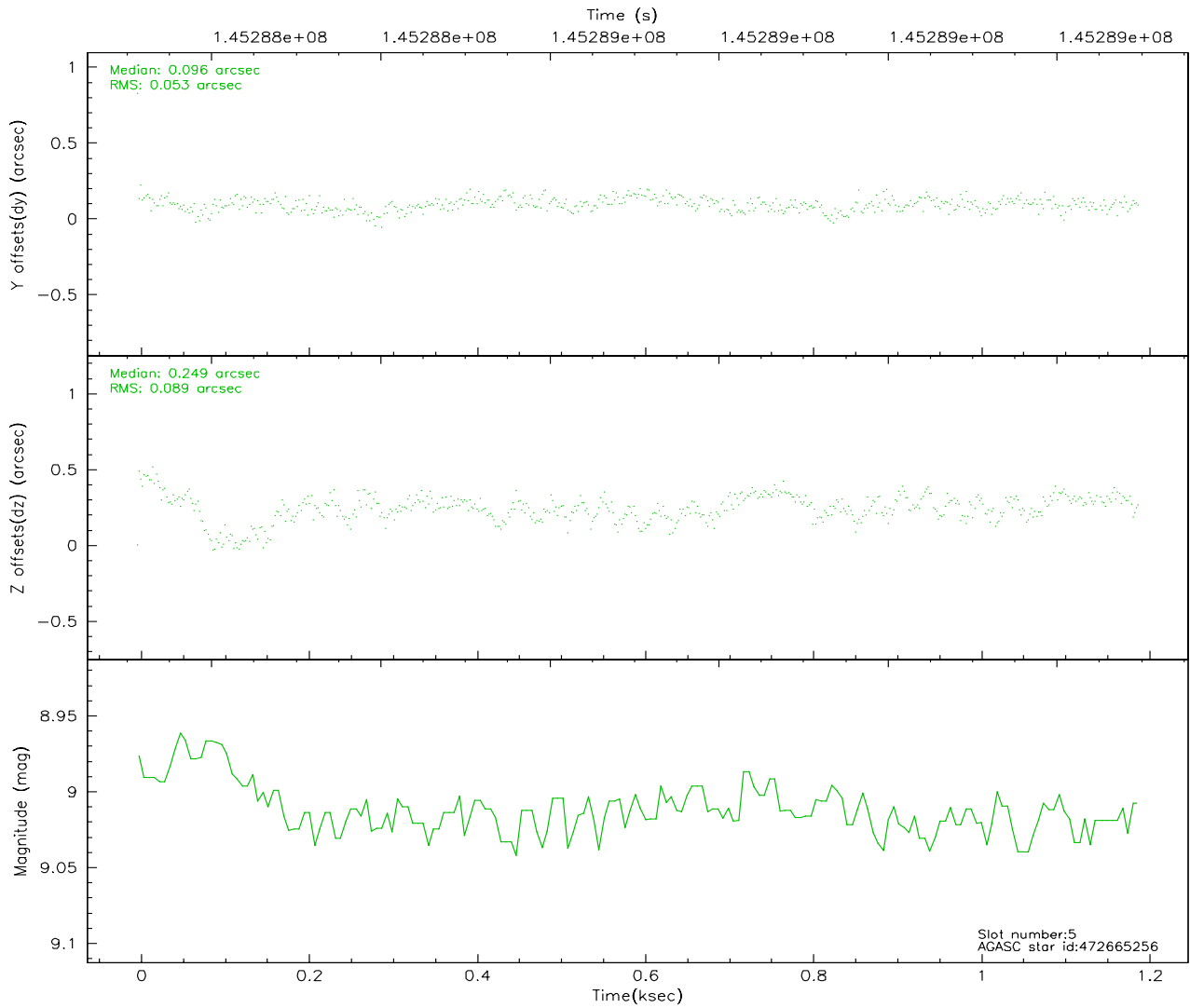
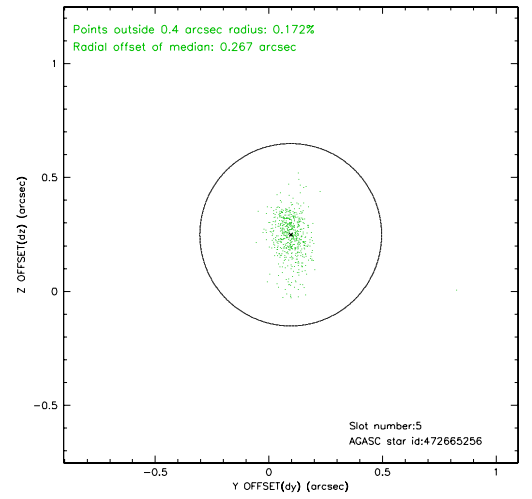
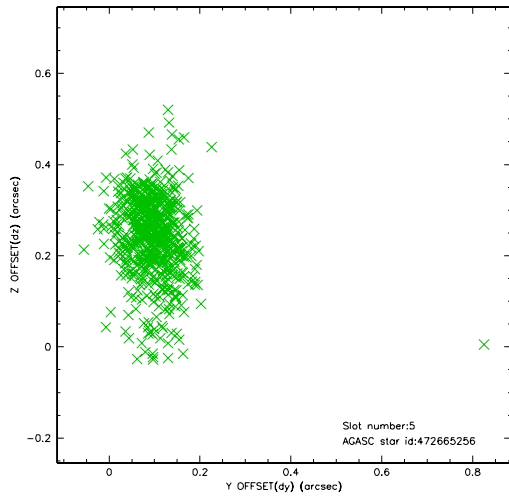
2.4.1 Slot 3



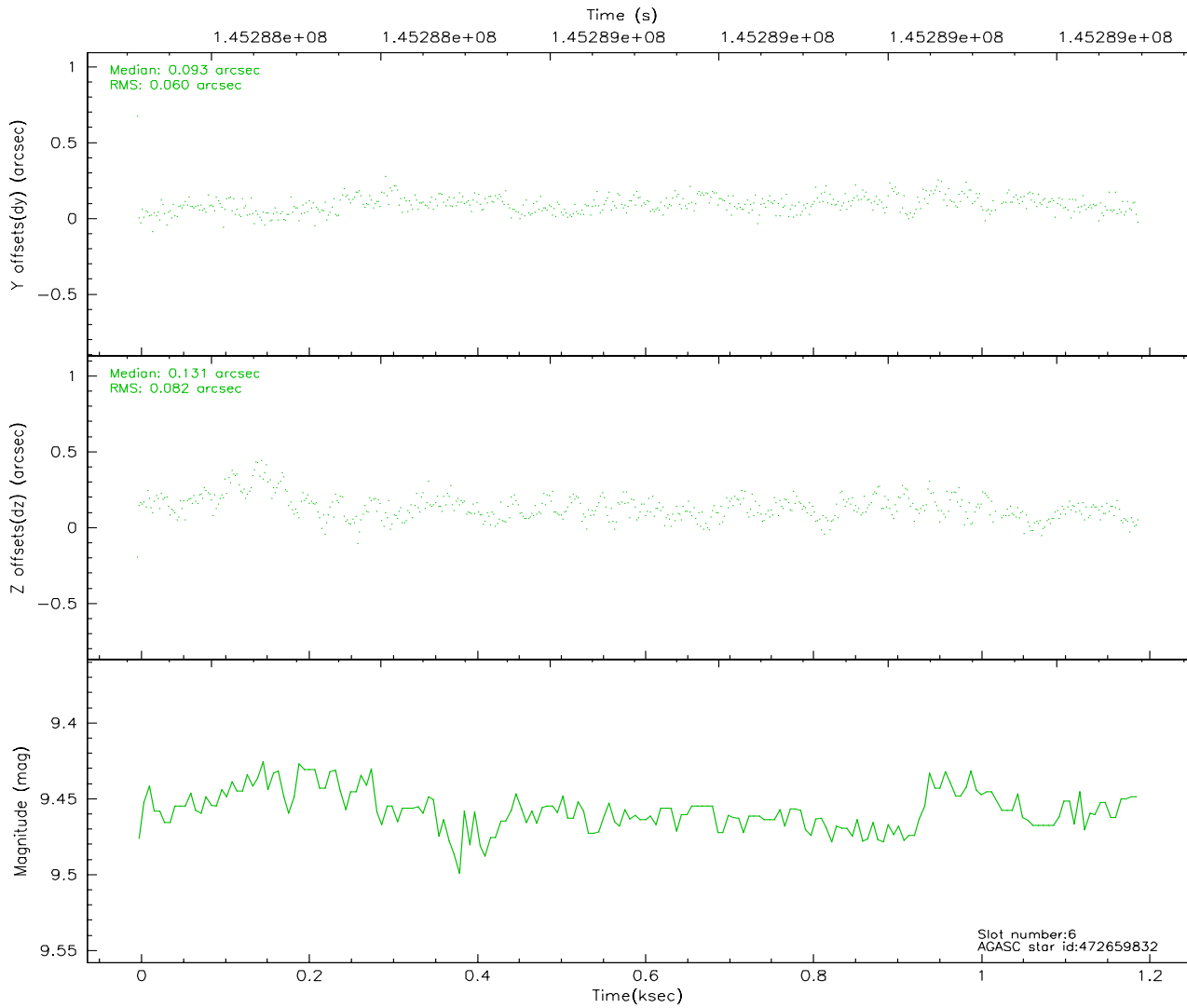
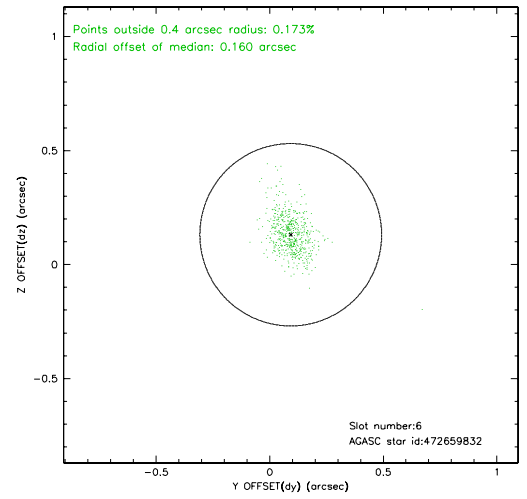
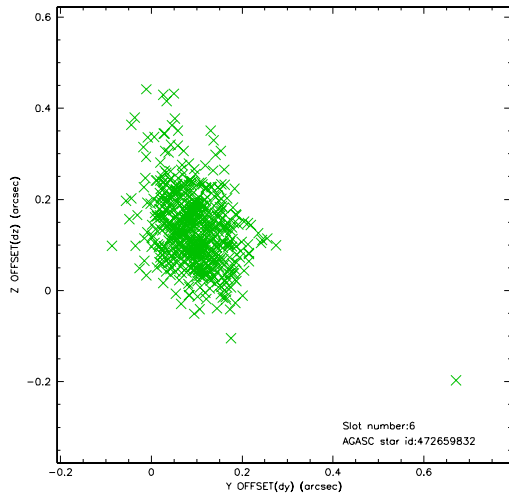
2.4.2 Slot 4



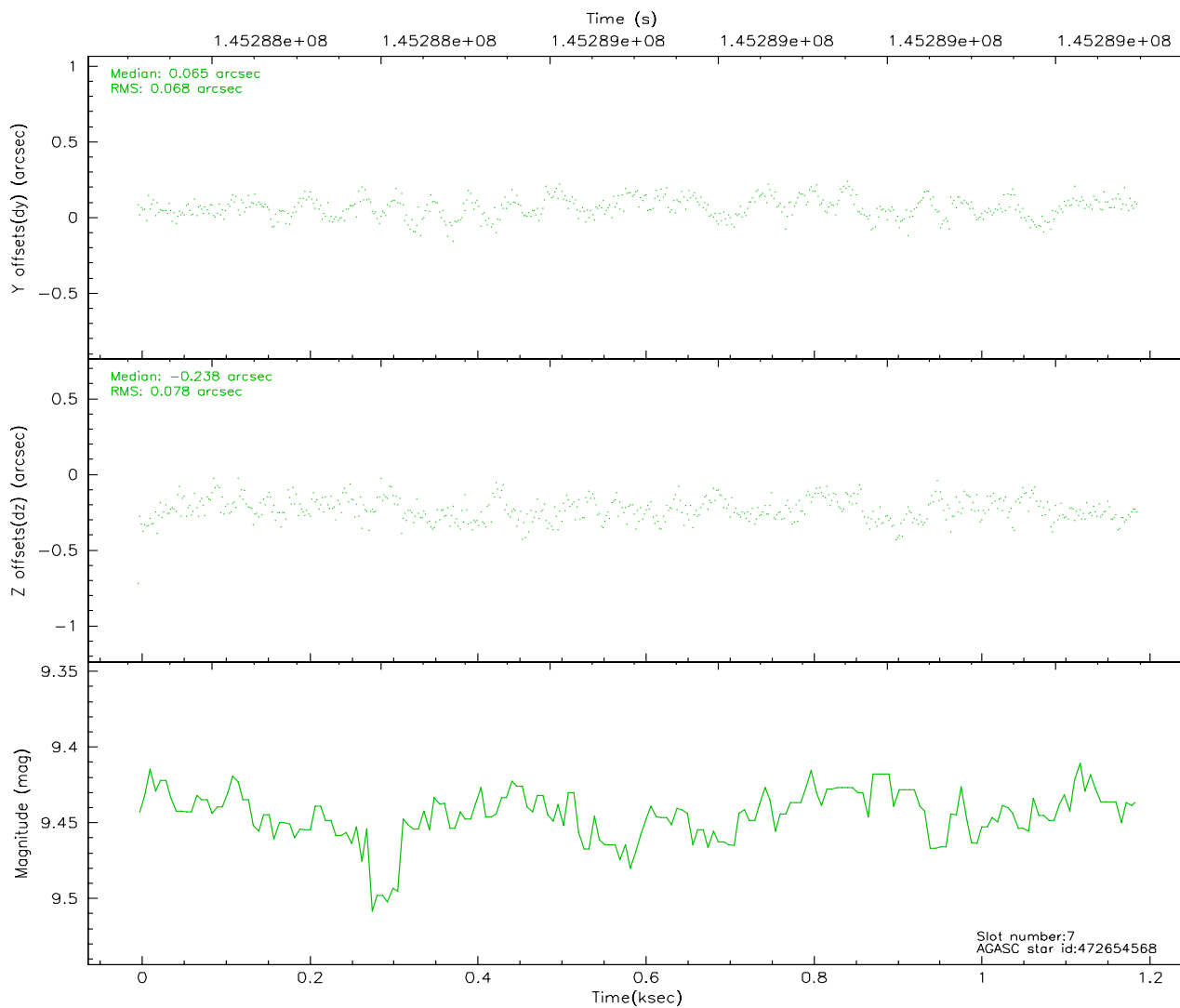
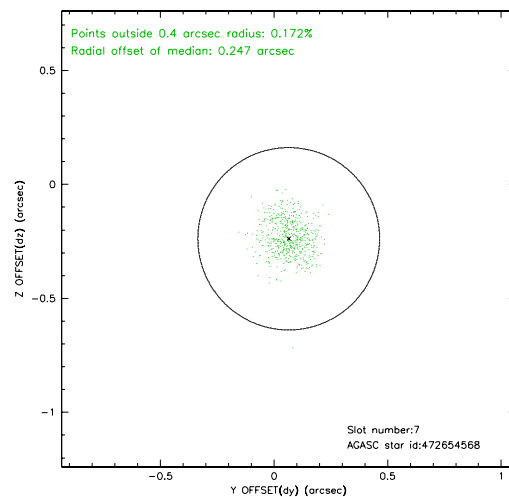
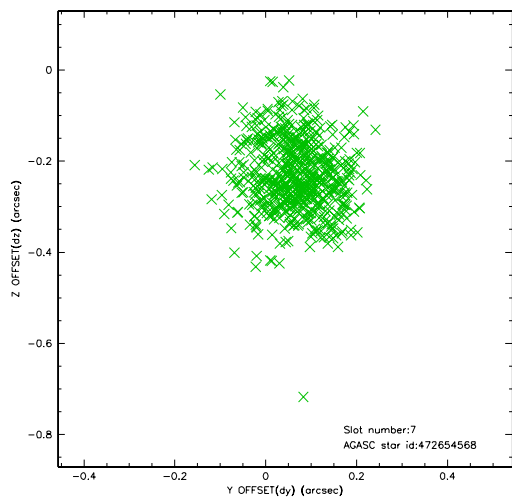
2.4.3 Slot 5



2.4.4 Slot 6

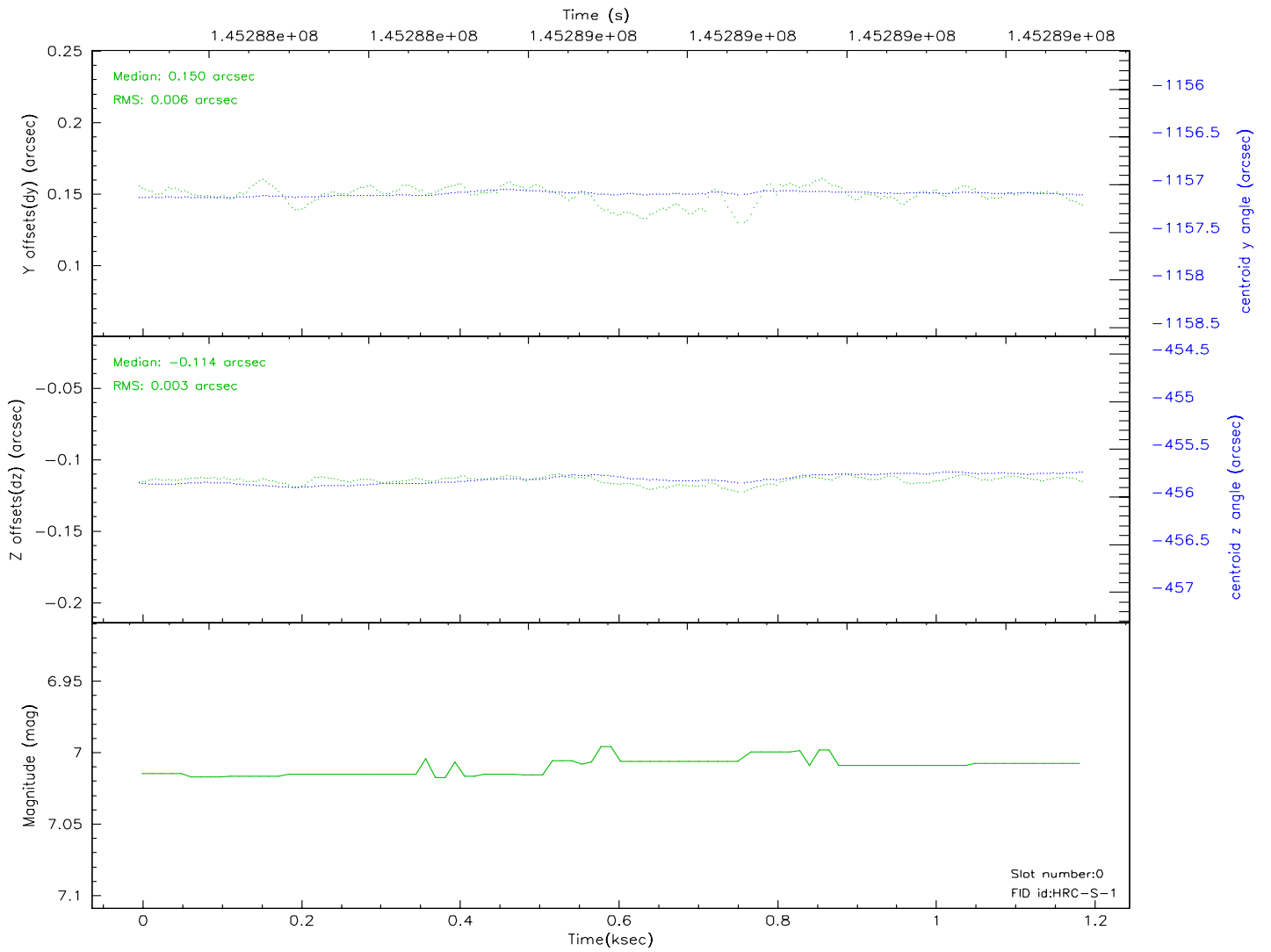
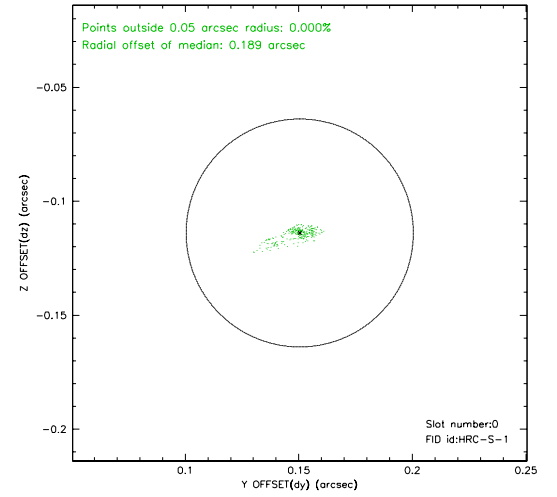
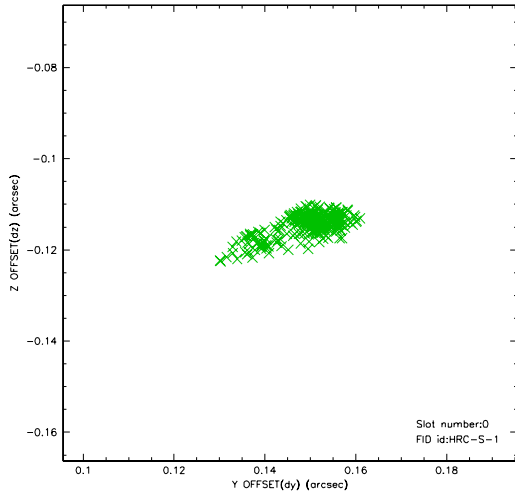


2.4.5 Slot 7

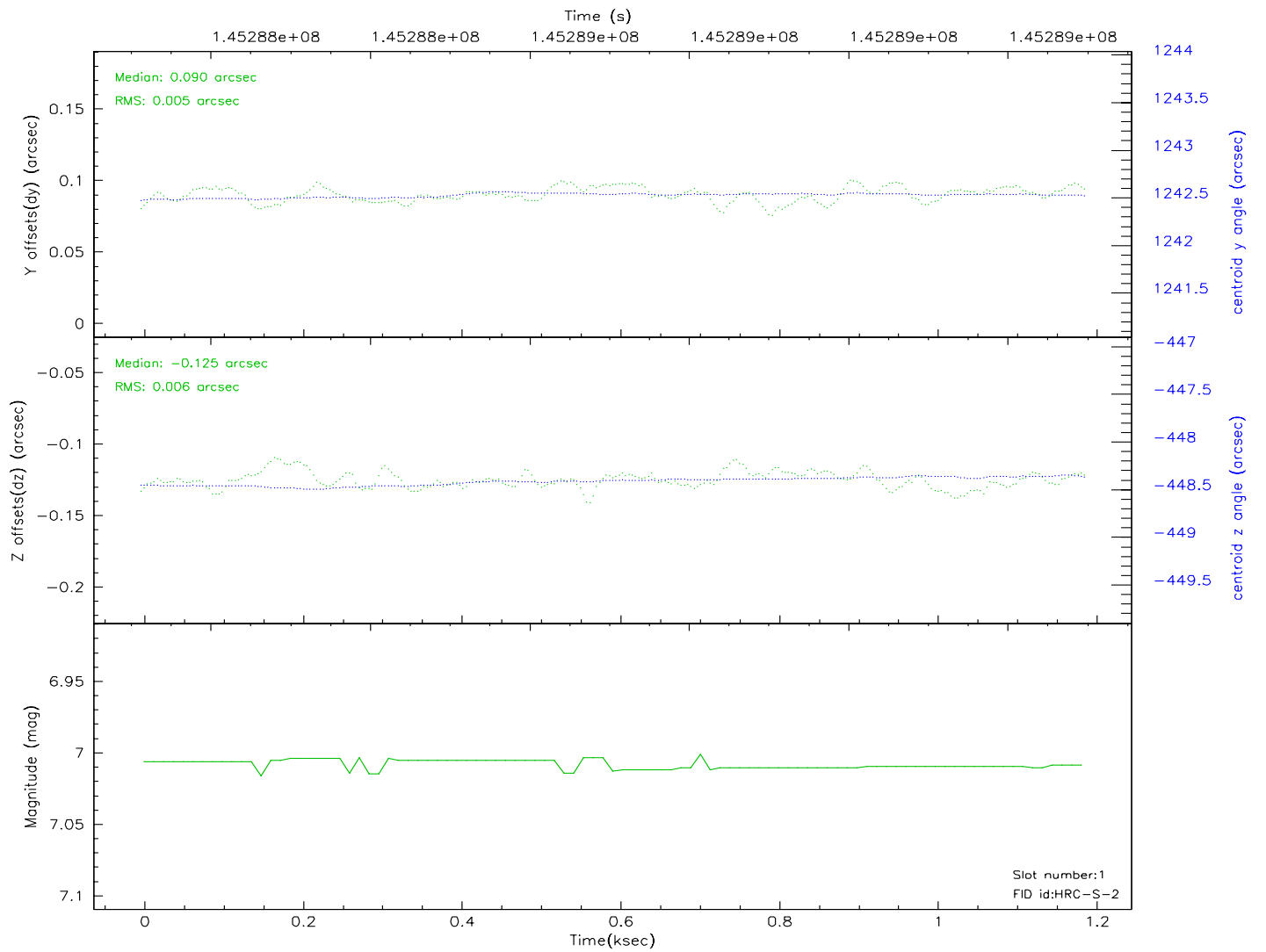
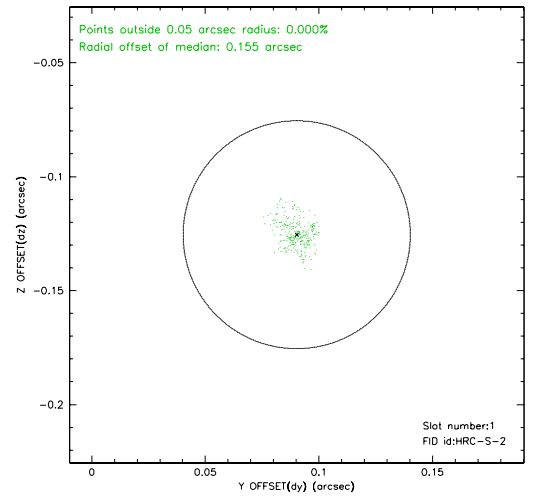
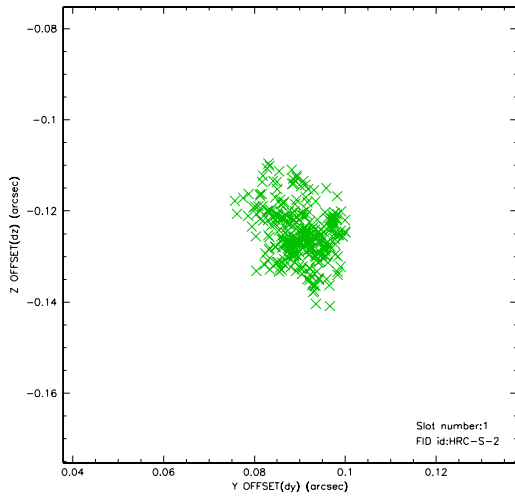


2.5 FID Slots

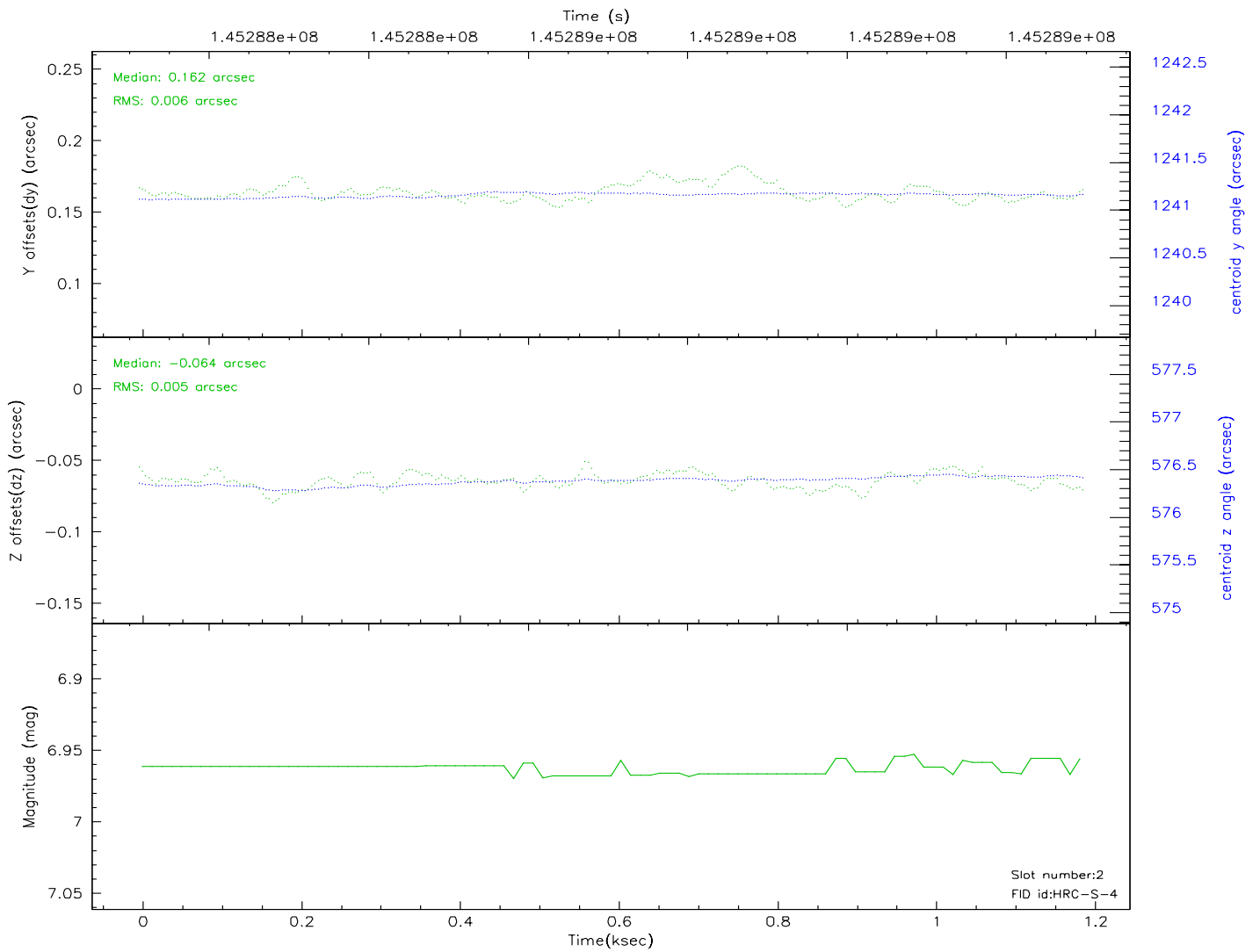
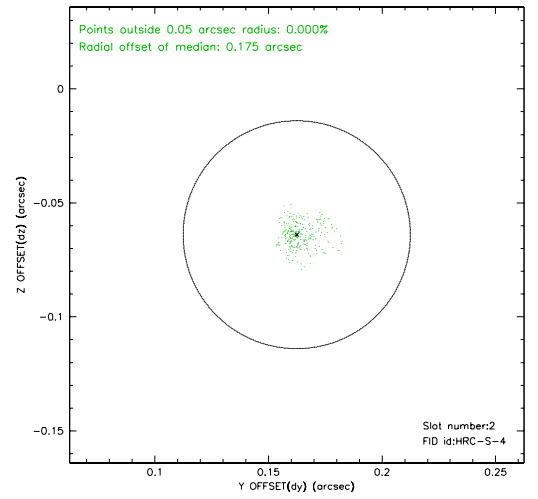
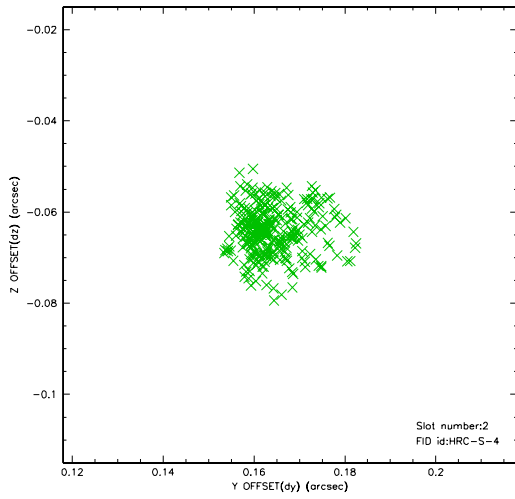
2.5.1 Slot 0



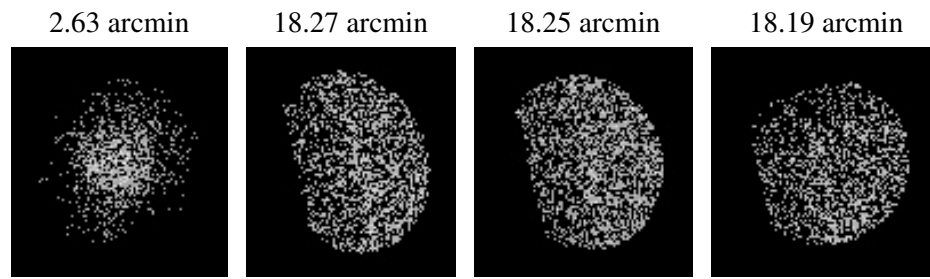
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.184 ks, although with the current processing it would have been 1.14 ksec.

Monitor constraint met.