

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2612 - L2 Version 4
Chandra X-Ray Center

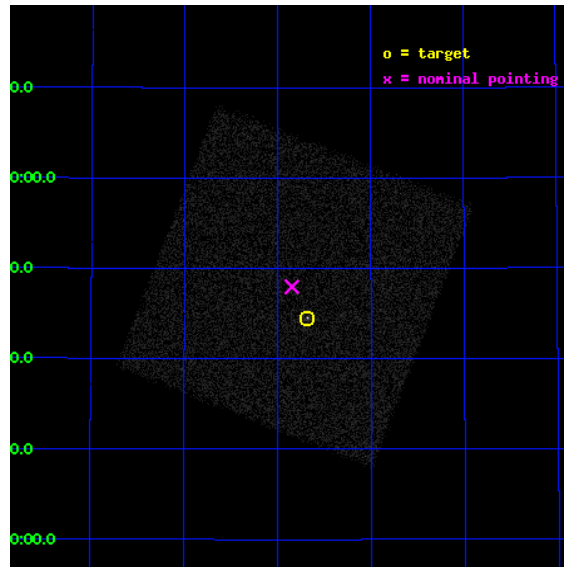
L2 Processing Date : Oct 1 2012

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
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

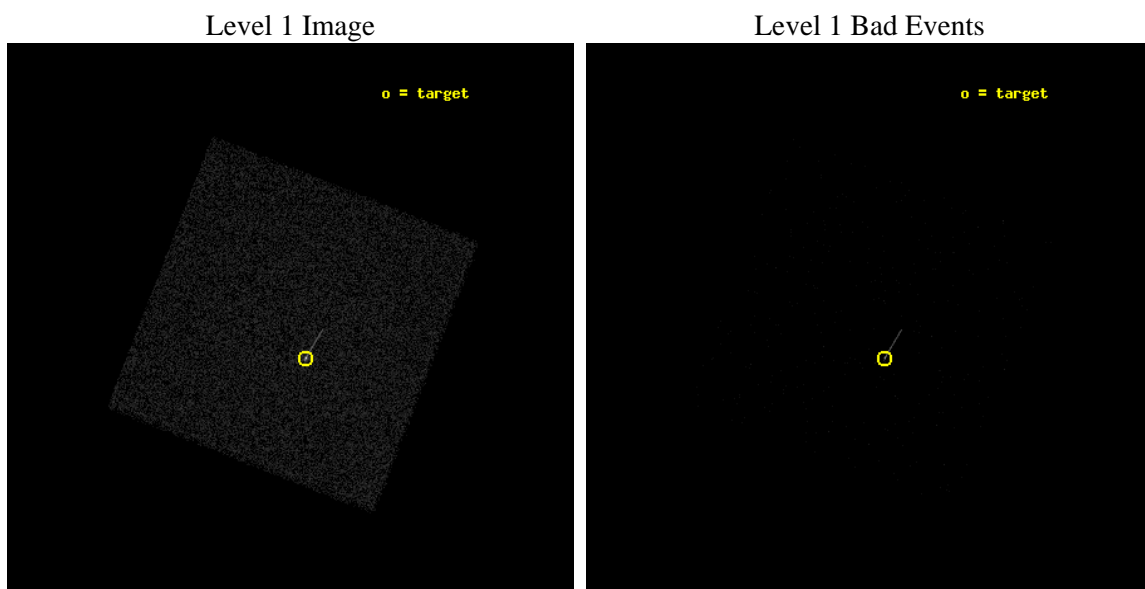
seq_num	290168	Sequence number
obs_id	2612	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2118561408	Nominal RA [deg]
dec_nom	45.799860089005	Nominal Dec [deg]
roll_nom	336.46676848713	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1200.5312983841	[s]
liveltime	1193.7736135083	Ontime multiplied by DTCOR
l2events	38419	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1200.5312983841	[s]
caldbver	4.5.2	 	l1events	68587	Number of level 1 events
date	2012-10-01T03:13:15	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

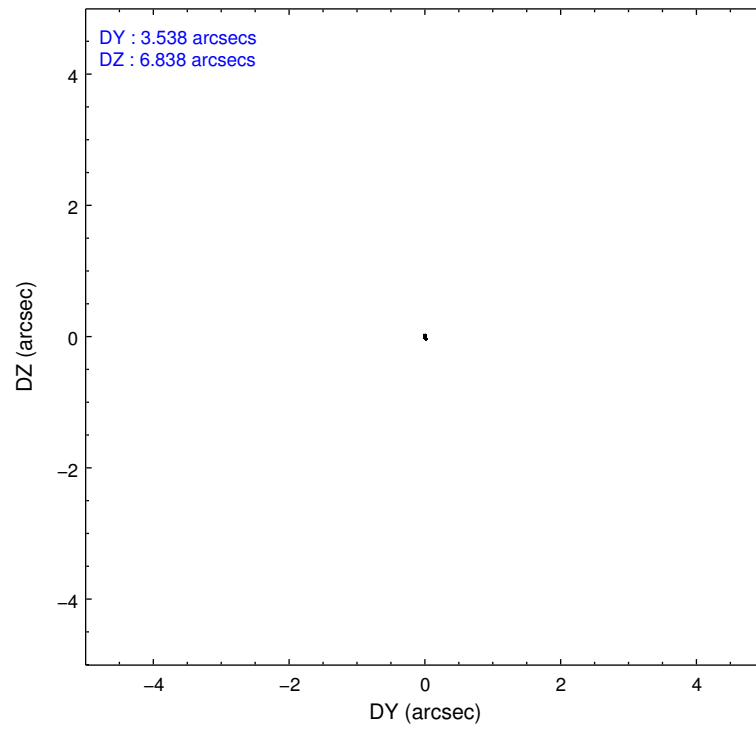
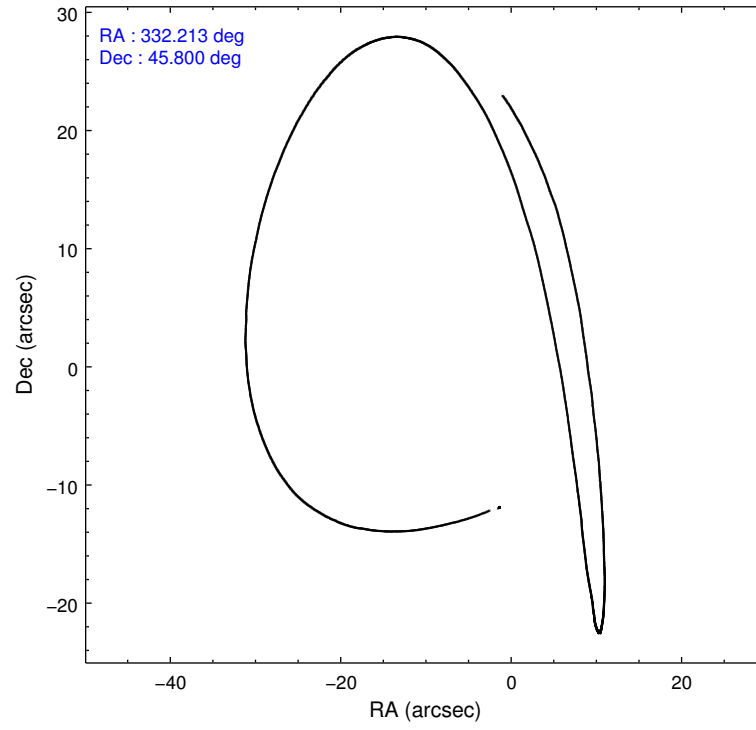
	segment 0
level 1 events	68587
rejected events	13645
rejected %	19%

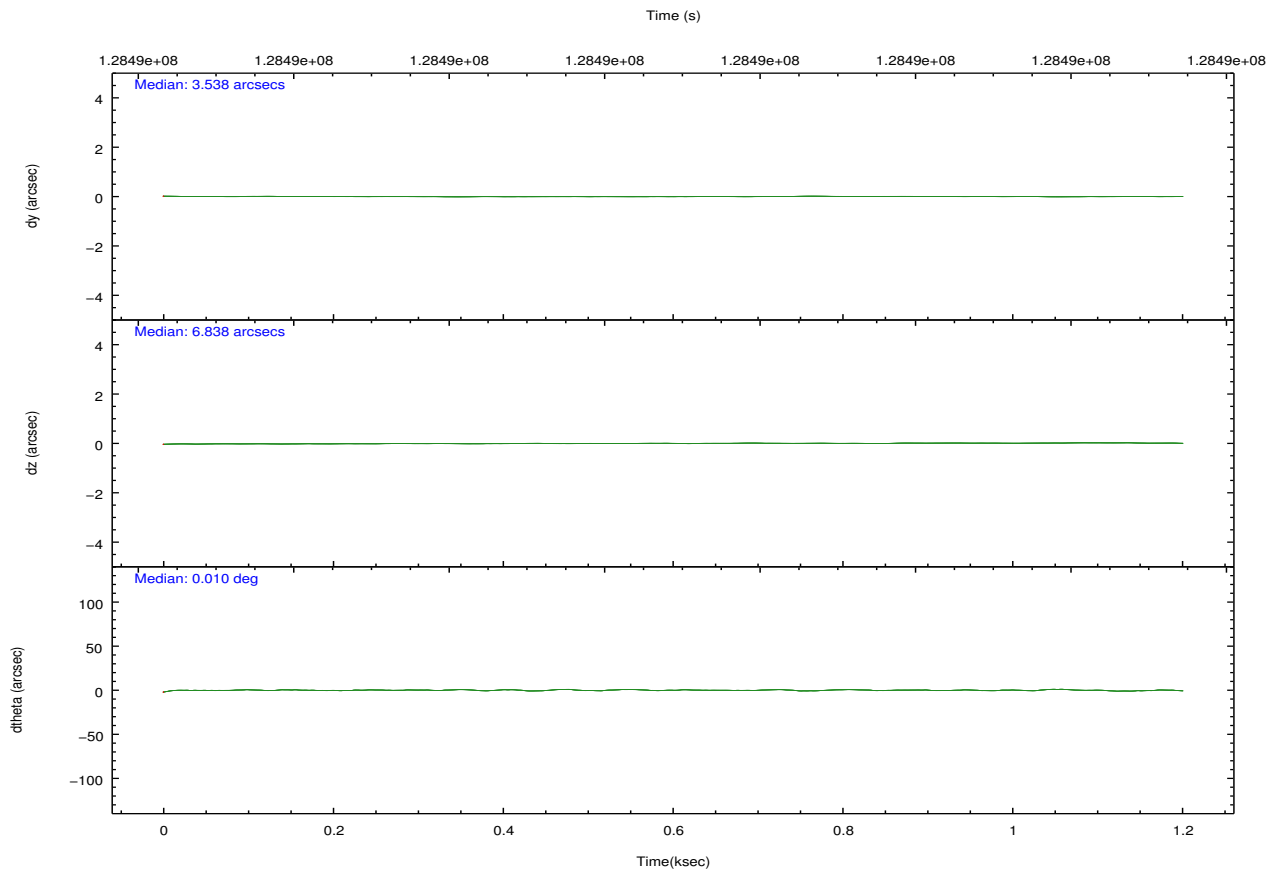
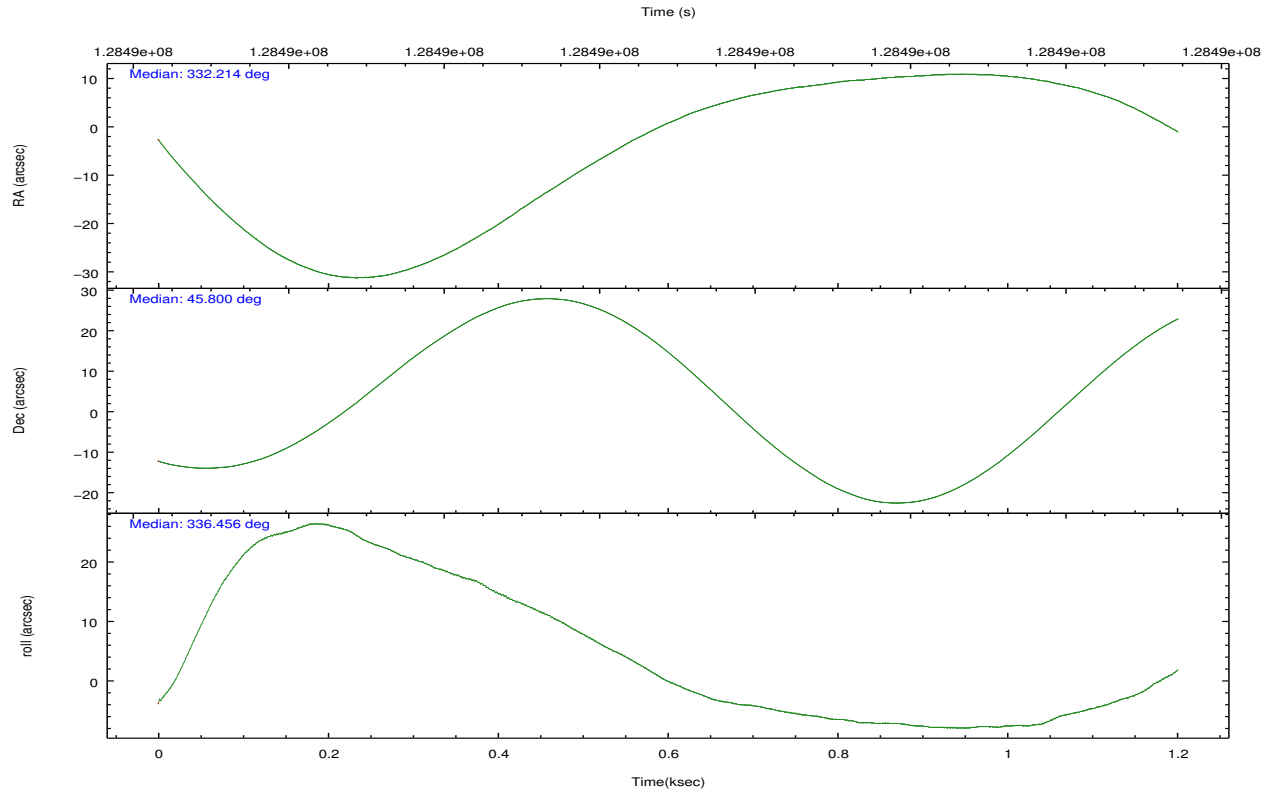
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.173623	332.2118561408001
[deg] Pointing Dec	45.796789	45.79986008900485
[deg] Pointing Roll	336.589704	336.466768487133
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	128485889.184000	128485513.50256
Observation start date	2002-01-27T02:30:25	2002-01-27T02:25:13
[s] Observation end time (MET)	128486889.184000	128487023.32762
Observation end date	2002-01-27T02:47:05	2002-01-27T02:50:23

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



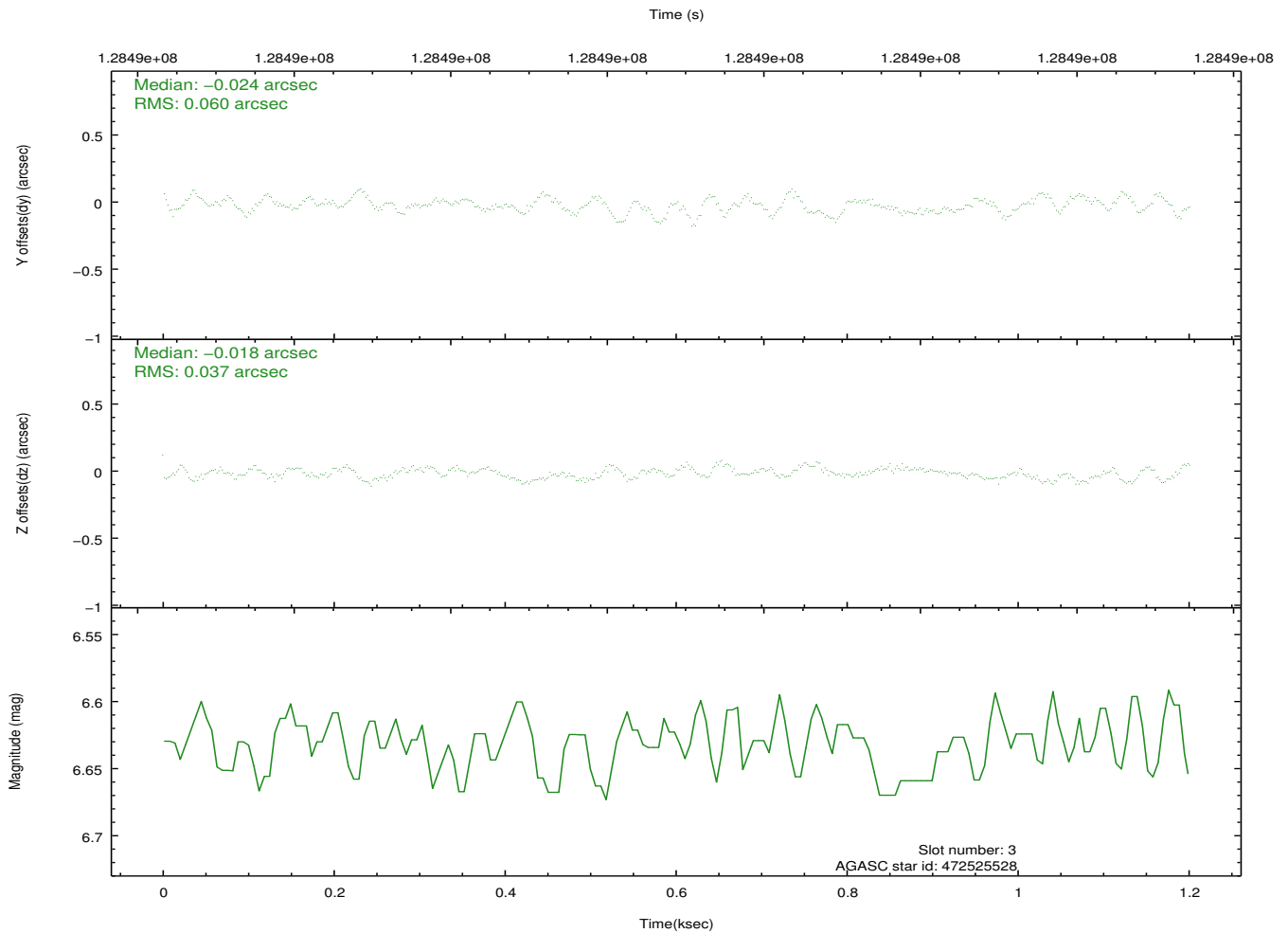
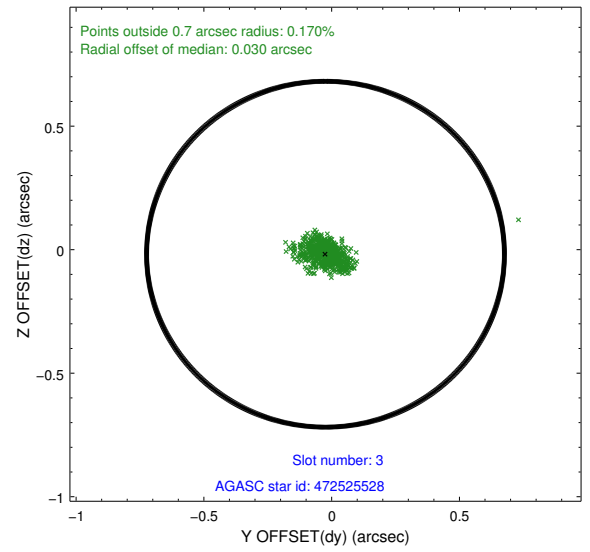
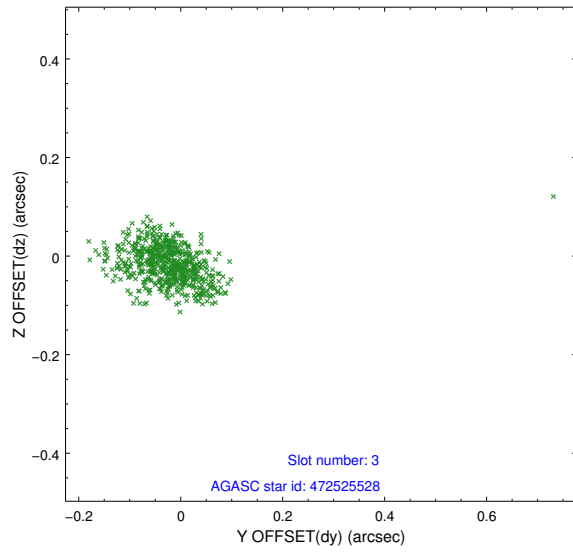


Slot Statistics

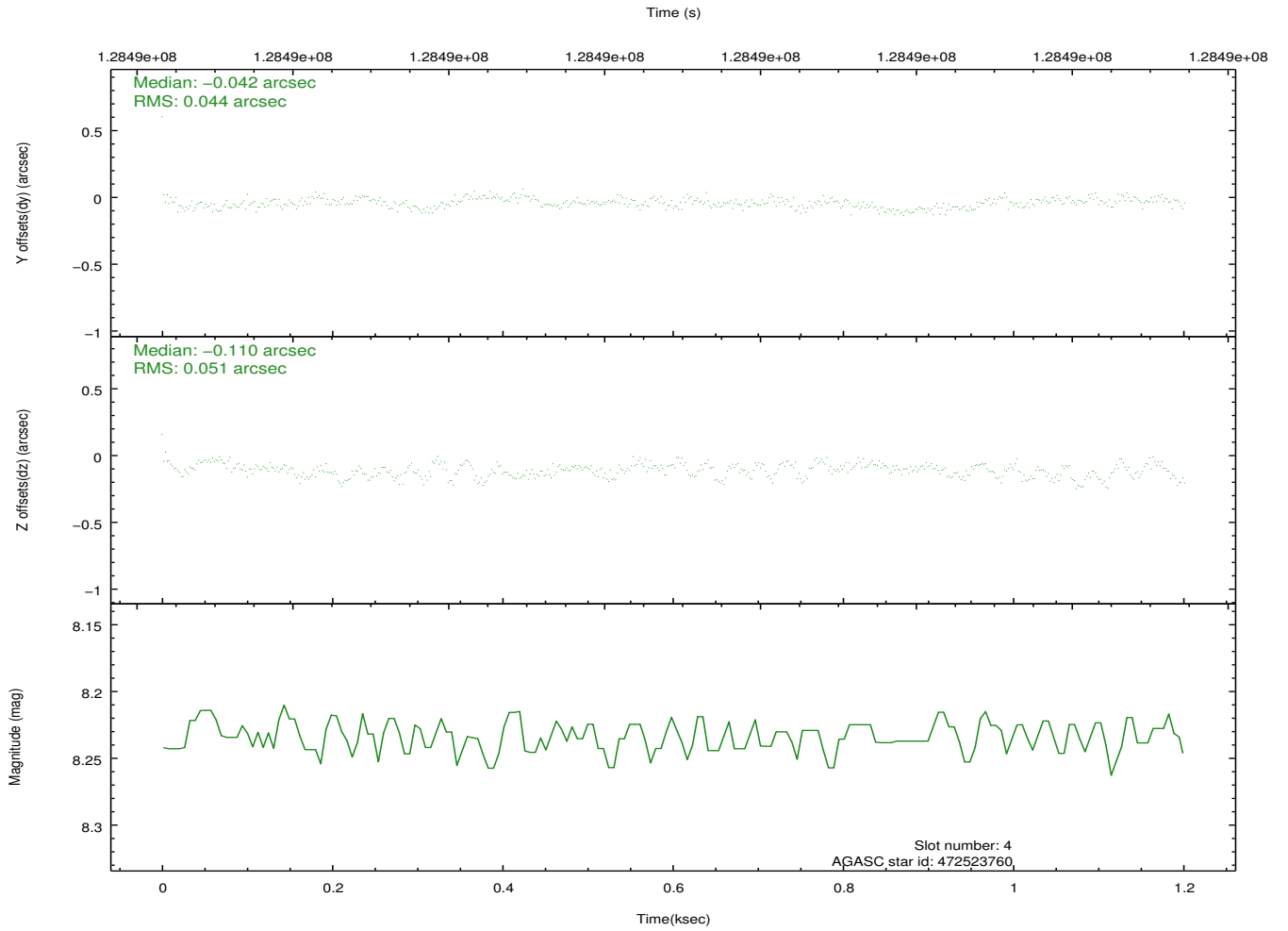
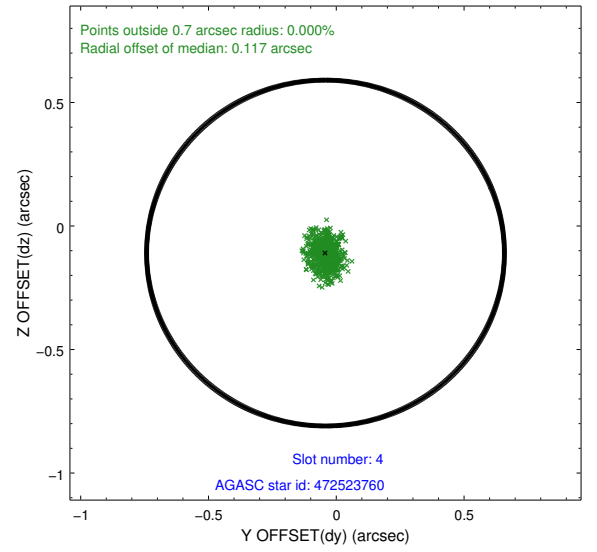
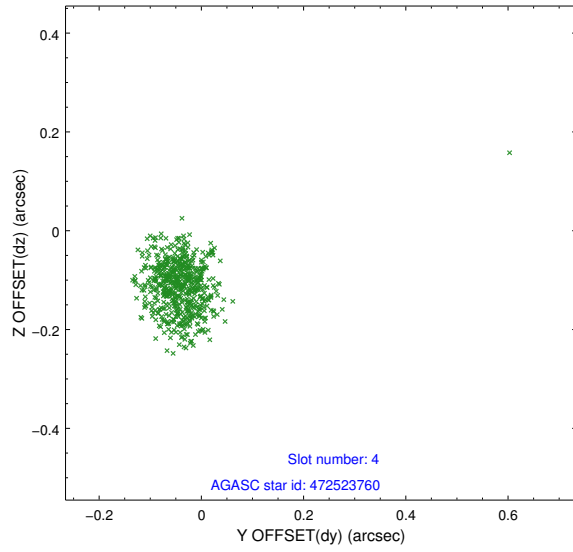
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	294	0.042	0.021	0.005	0.008	0.000000	0.000000	-759.01	-1294.69
1	FID	HRC-I-2	7.00	294	0.086	-0.023	0.007	0.010	0.000000	0.000000	851.08	-1300.74
2	FID	HRC-I-4	6.99	294	-0.012	-0.090	0.004	0.008	0.000000	0.000000	1286.67	1002.90
3	GUIDE	472525528	6.63	587	-0.024	-0.018	0.066	0.110	331.551102	45.248694	-666.12	-2430.45
4	GUIDE	472523760	8.23	587	-0.042	-0.110	0.066	0.103	331.645363	45.403260	-665.17	-1829.27
5	GUIDE	472665256	9.01	587	-0.062	0.000	0.086	0.133	332.808125	46.195041	877.30	1948.37
6	GUIDE	472659832	9.46	582	0.125	0.133	0.108	0.185	332.780399	46.098139	958.10	1607.99
7	GUIDE	472654568	9.43	586	0.015	-0.013	0.132	0.193	332.194449	45.063576	1099.34	-2396.66

2.4 Star Slots

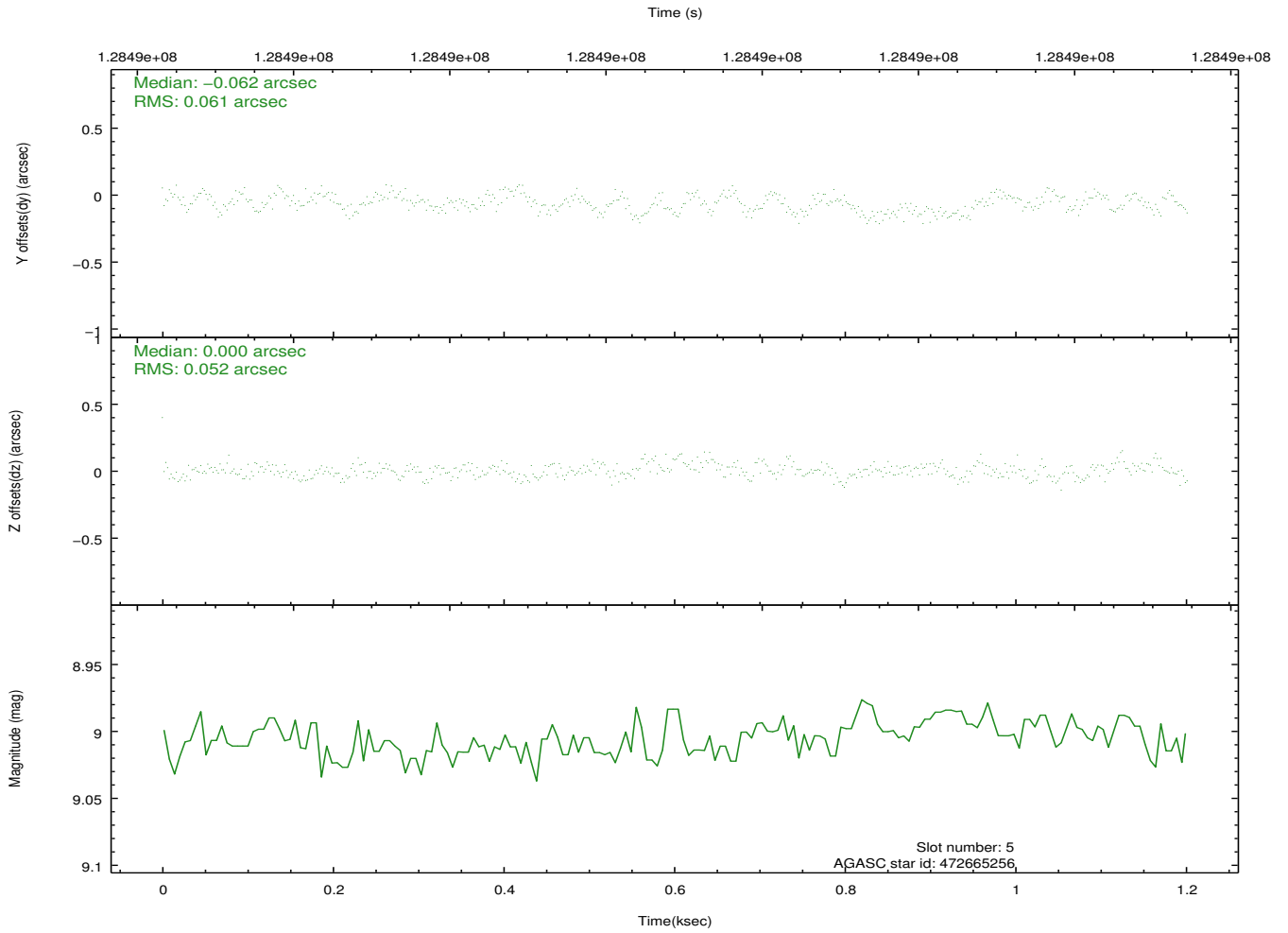
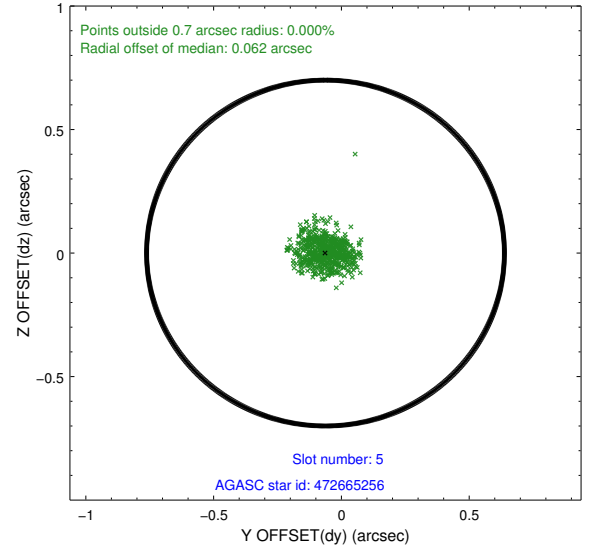
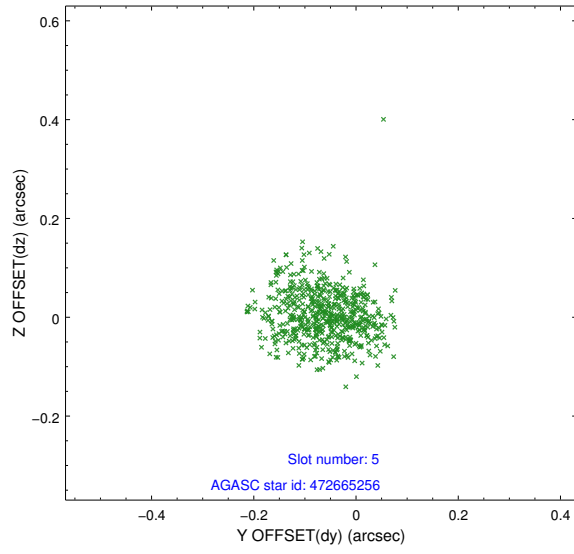
2.4.1 Slot 3



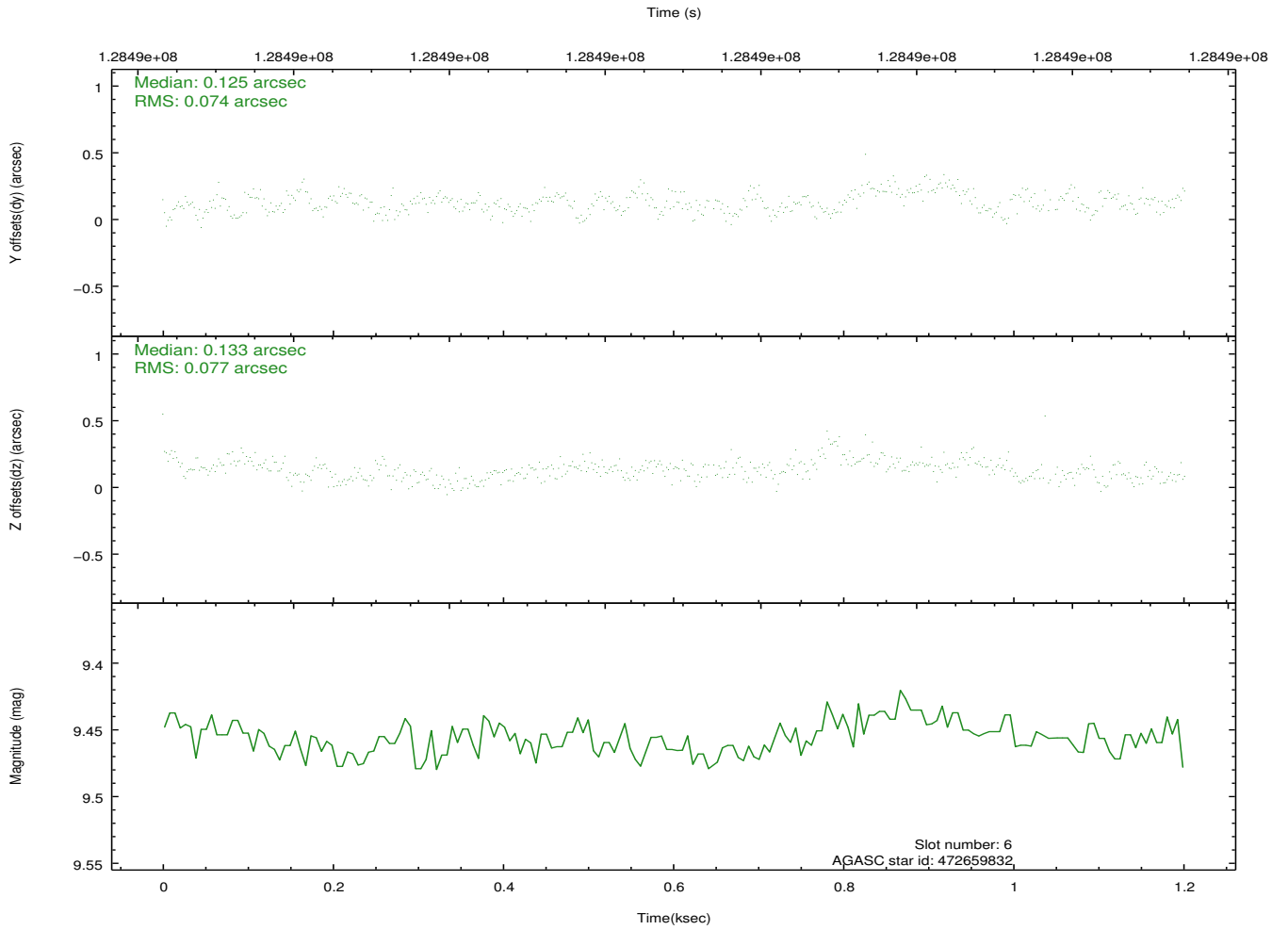
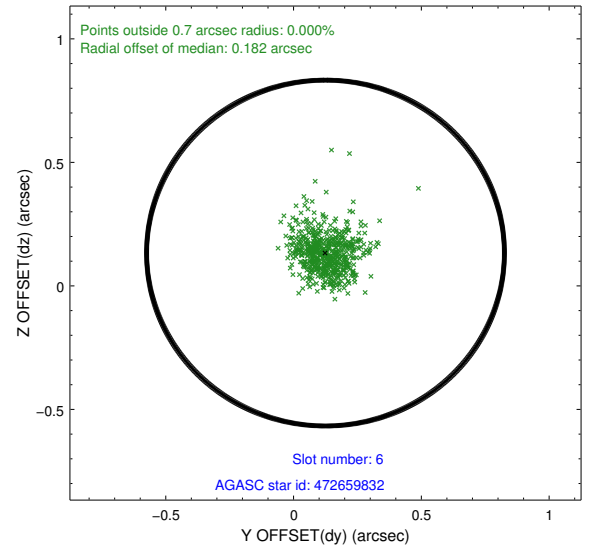
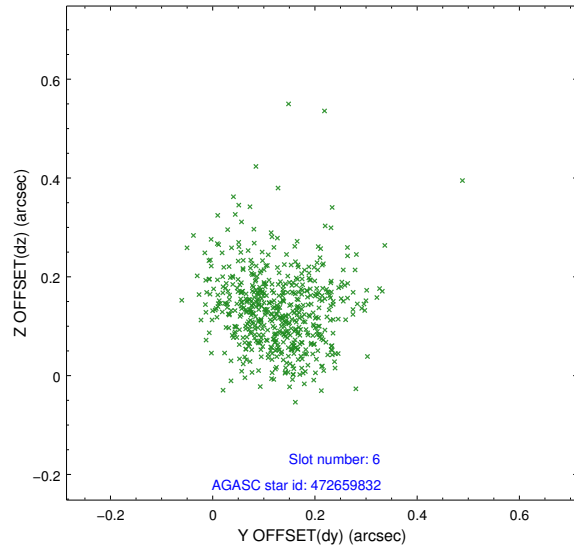
2.4.2 Slot 4



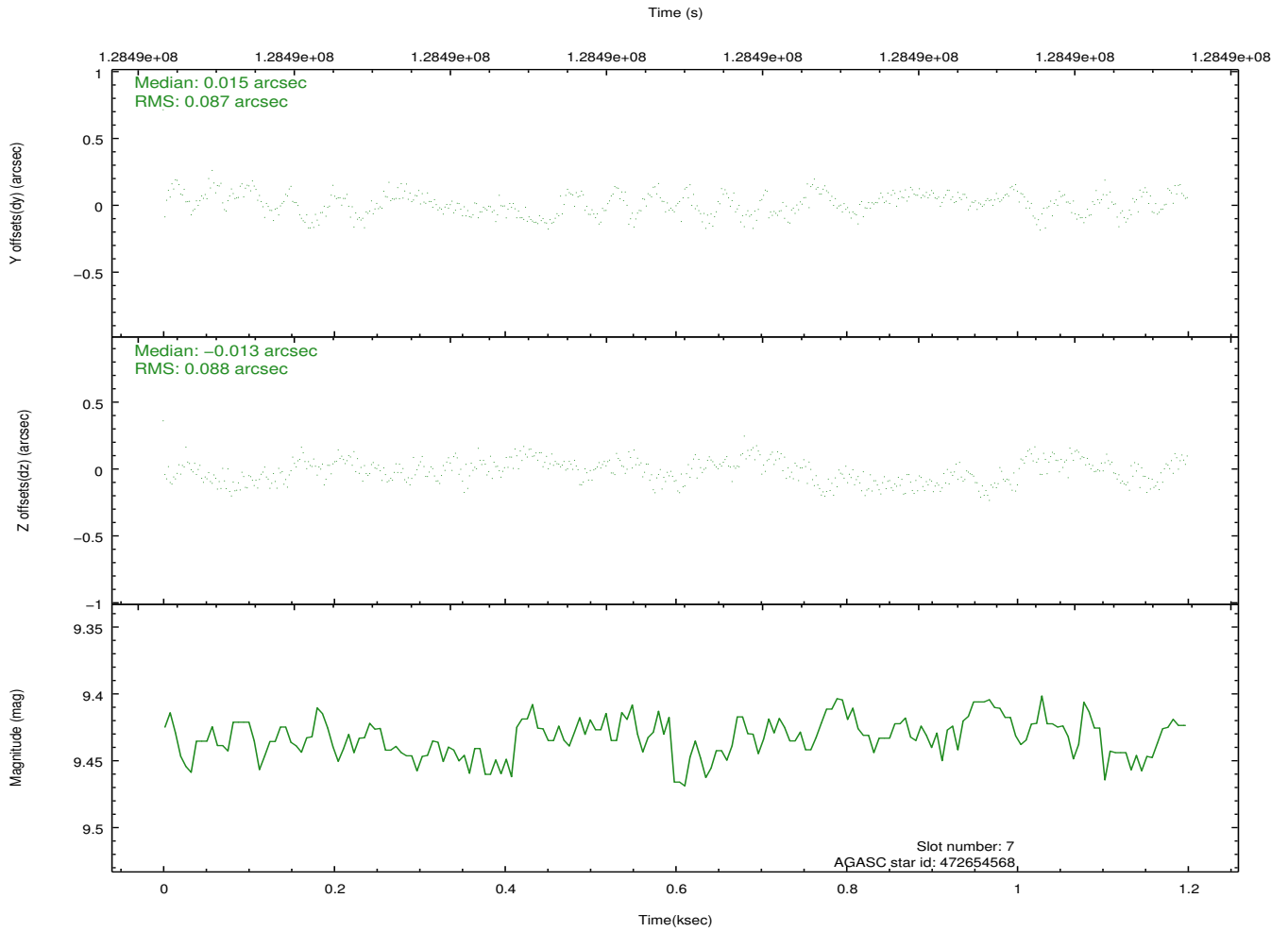
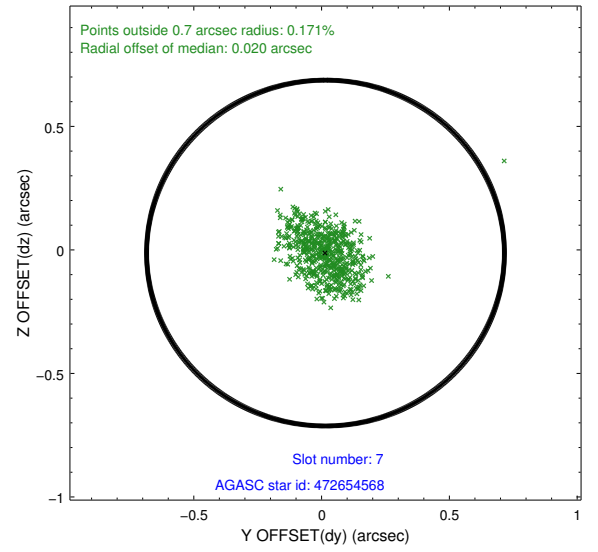
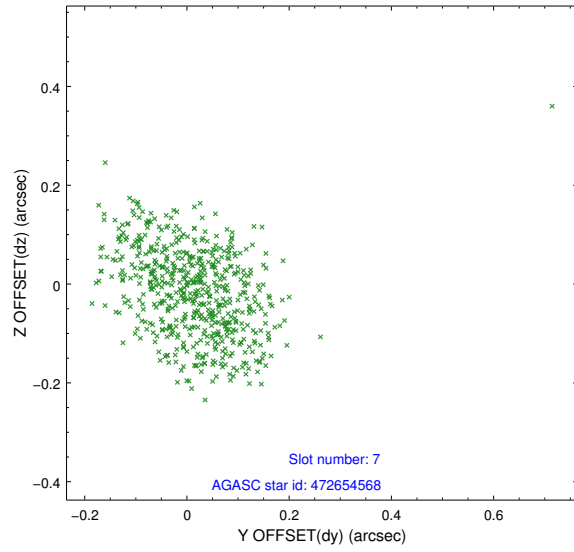
2.4.3 Slot 5



2.4.4 Slot 6

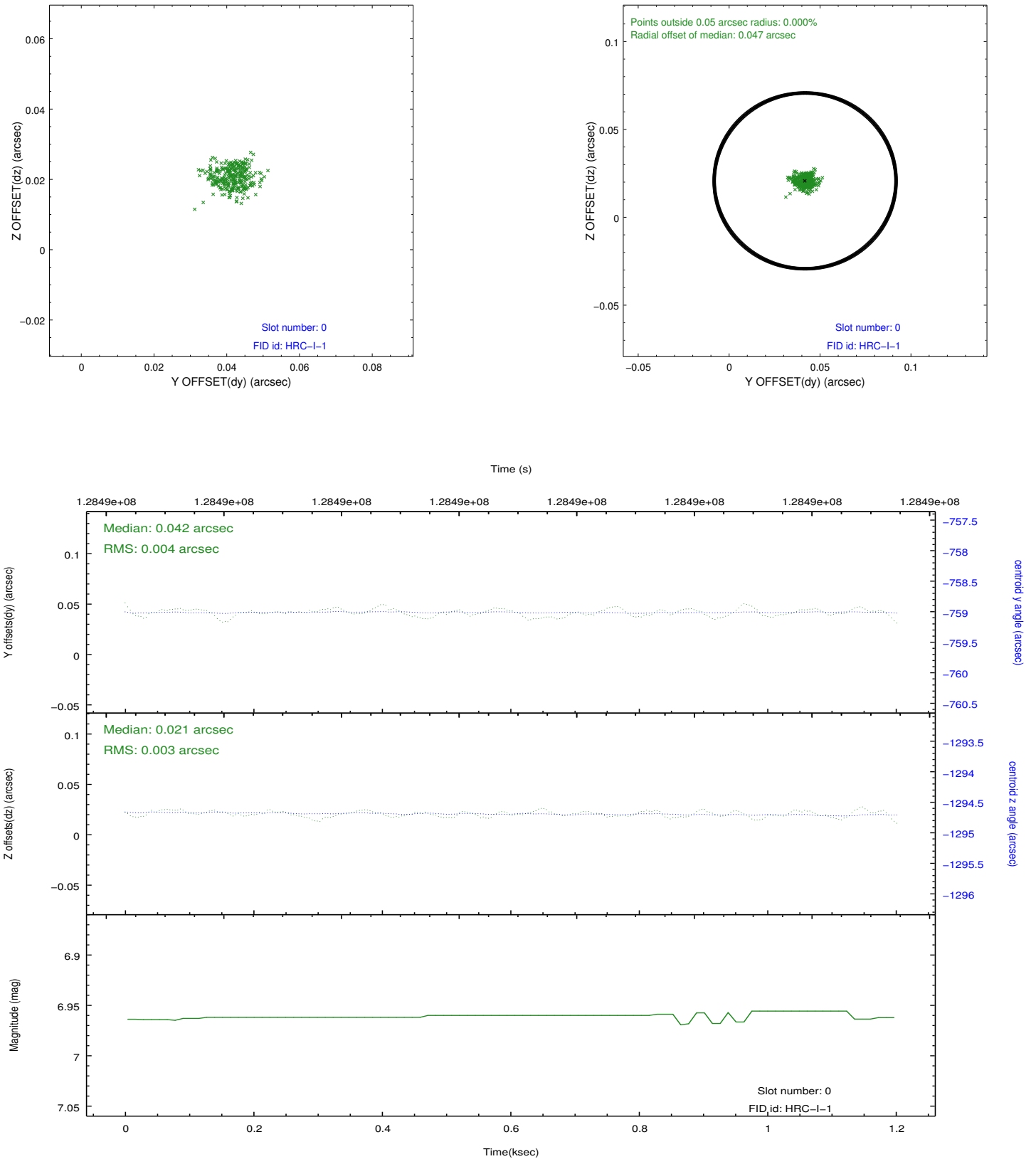


2.4.5 Slot 7

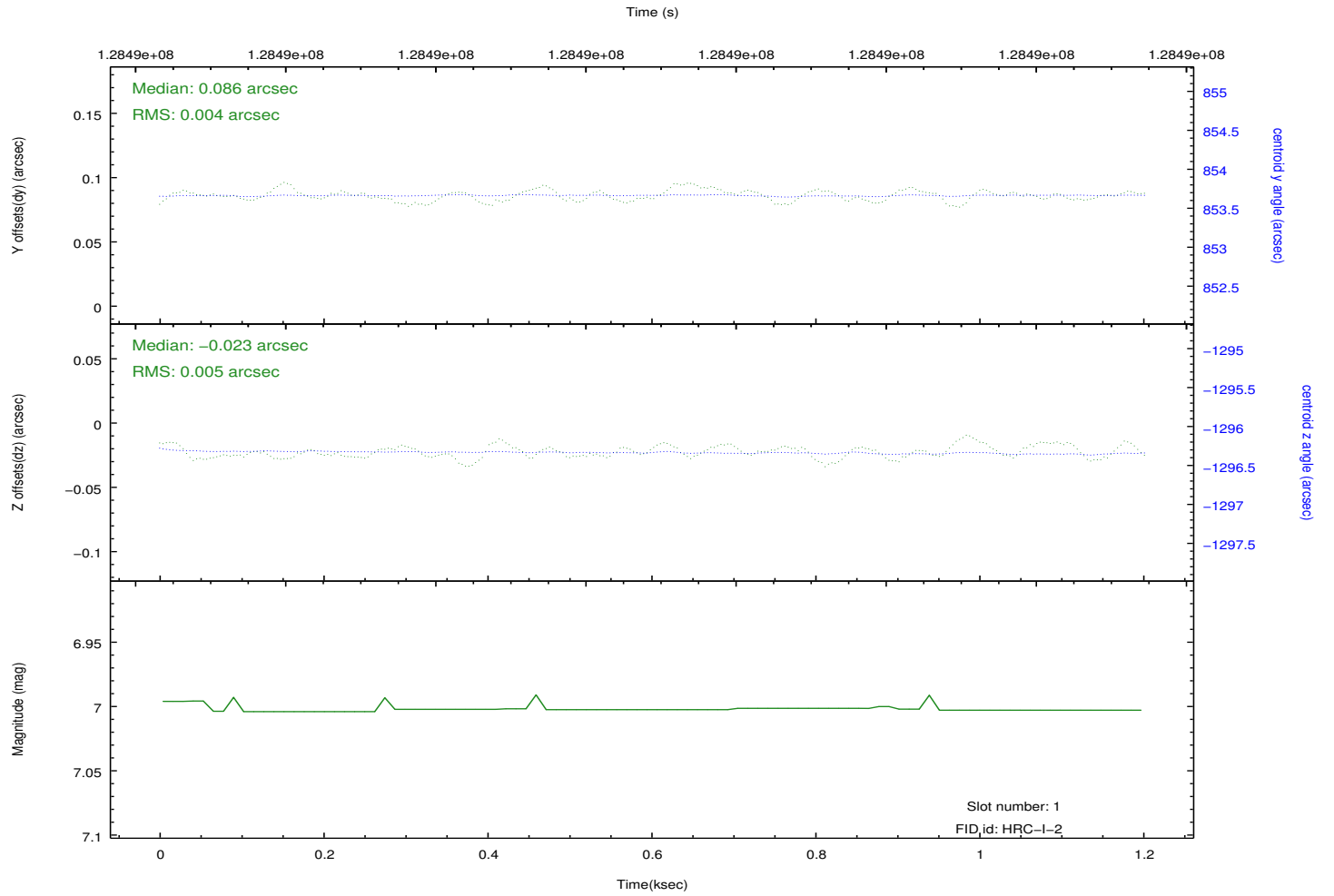
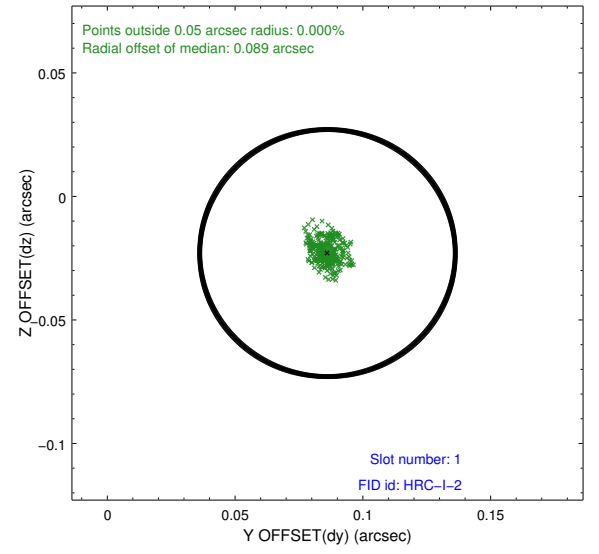
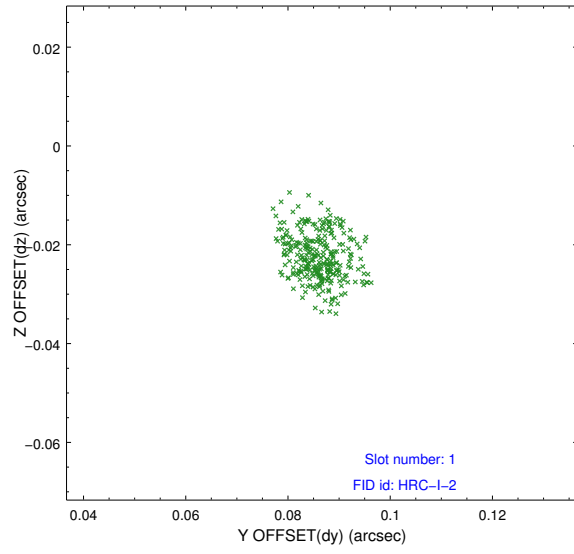


2.5 FID Slots

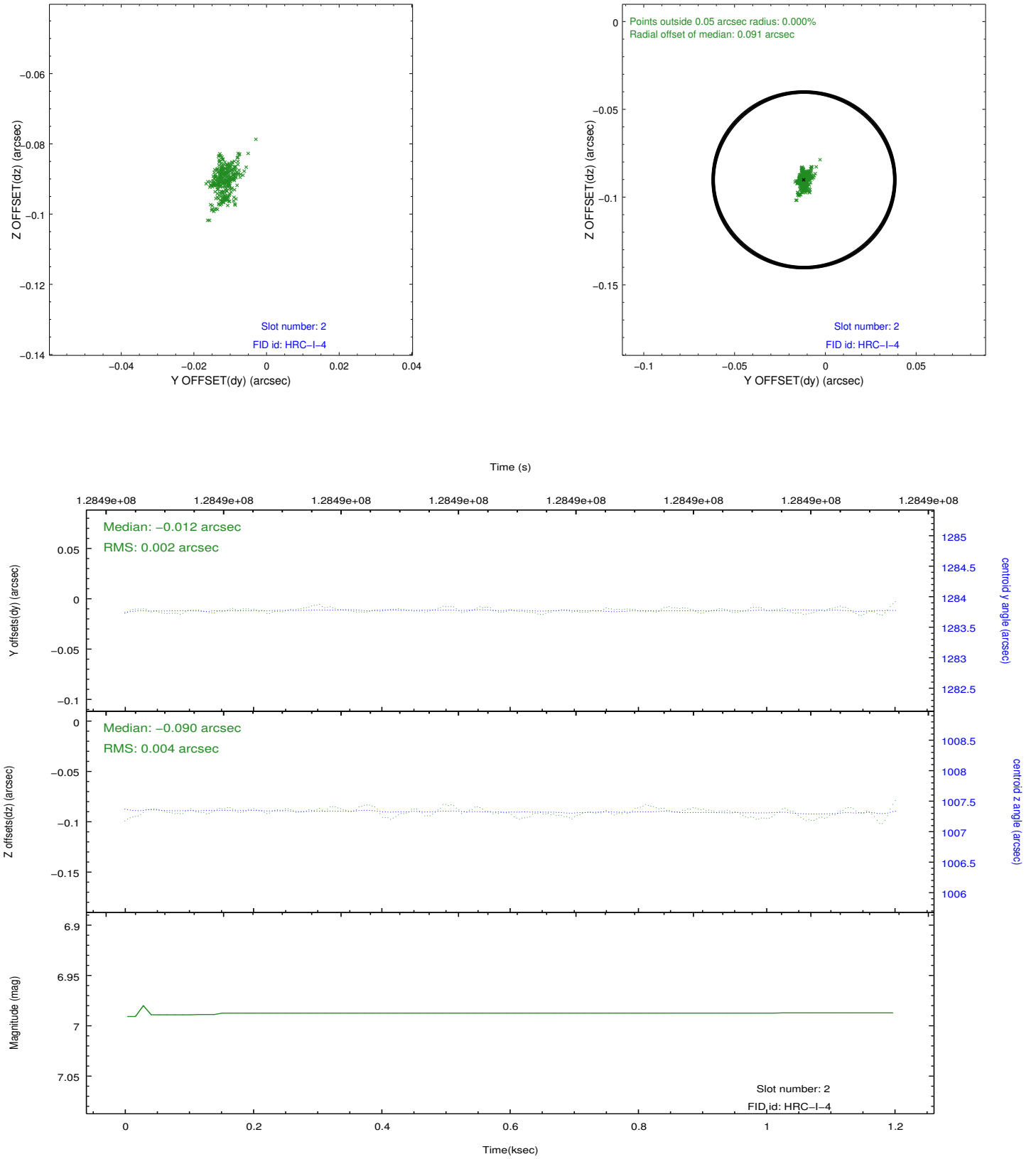
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.198

A.2 Comments

Charge time for this observation remains at previous value of 1.198 ksec.