

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2622 - L2 Version 4
Chandra X-Ray Center

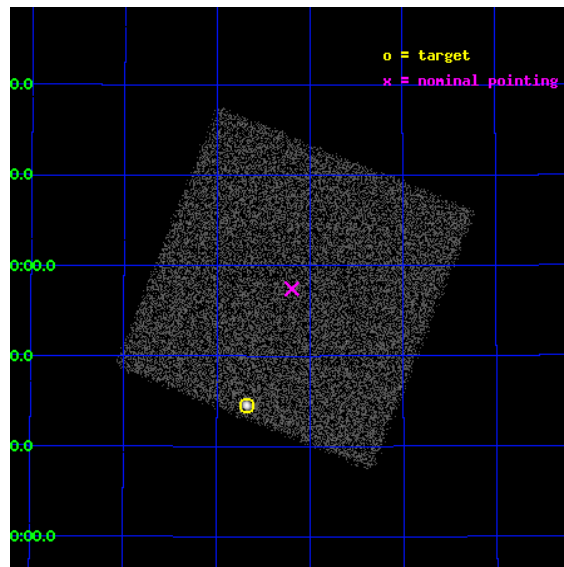
L2 Processing Date : Oct 1 2012

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1 Front

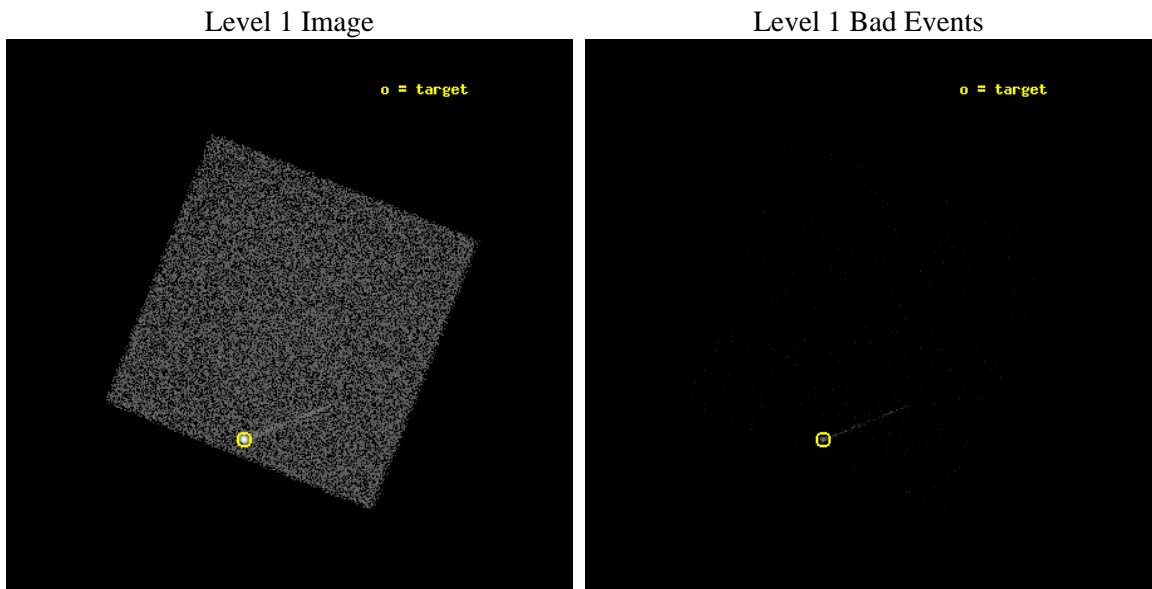
seq_num	290178	Sequence number
obs_id	2622	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.04847781324	Nominal RA [deg]
dec_nom	45.957589377061	Nominal Dec [deg]
roll_nom	336.81759793094	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1200.5312983692	[s]
liveltime	1193.9297609042	Ontime multiplied by DTCOR
l2events	36276	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	1200.5312983692	[s]
caldbver	4.5.2	 	l1events	66076	Number of level 1 events
date	2012-10-01T03:13:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

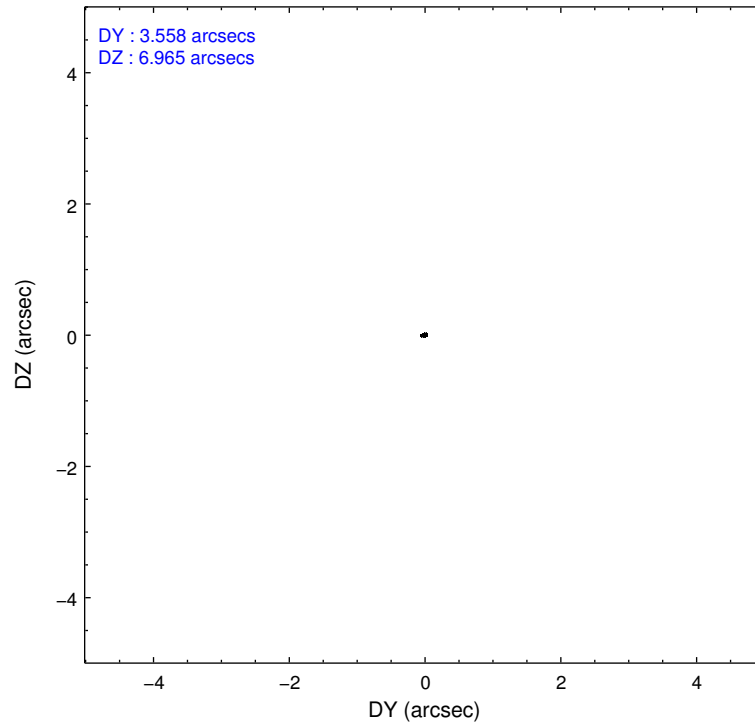
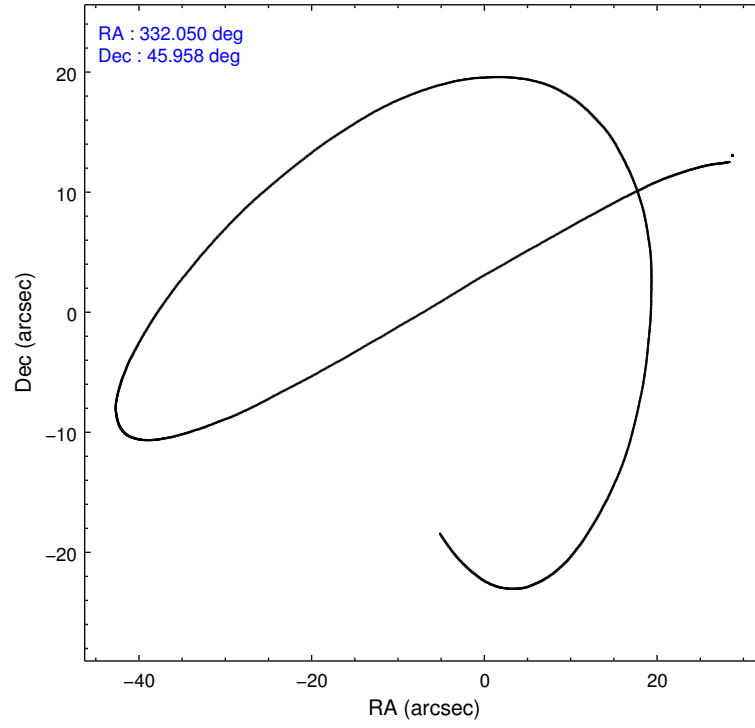
	segment 0
level 1 events	66076
rejected events	13662
rejected %	20%

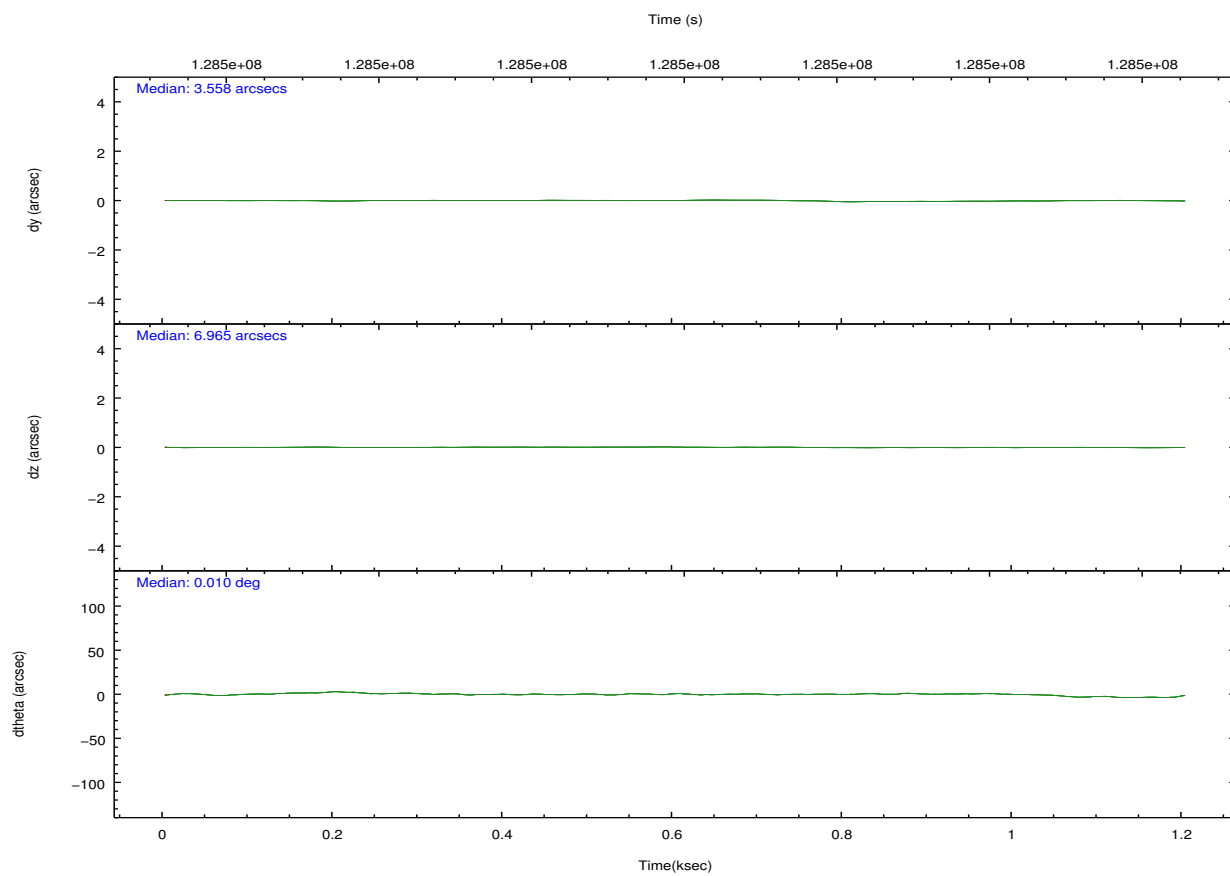
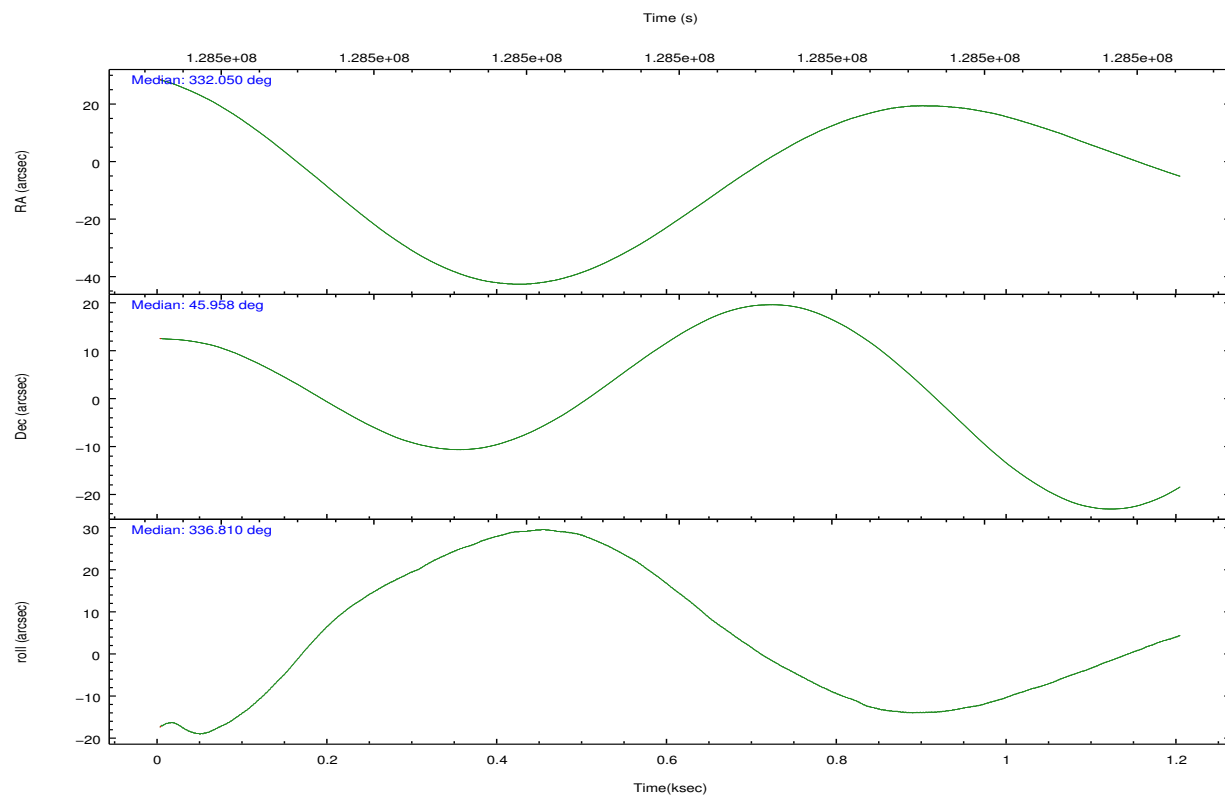
2.2 Compared Parameters

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	332.009524	332.0484778132388
[deg] Pointing Dec	45.954195	45.95758937706124
[deg] Pointing Roll	336.941054	336.817597930941
[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)	128500989.184000	128500613.29067
Observation start date	2002-01-27T06:42:05	2002-01-27T06:36:53
[s] Observation end time (MET)	128501989.184000	128502123.62823
Observation end date	2002-01-27T06:58:45	2002-01-27T07:02:03

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

2.3 Aspect



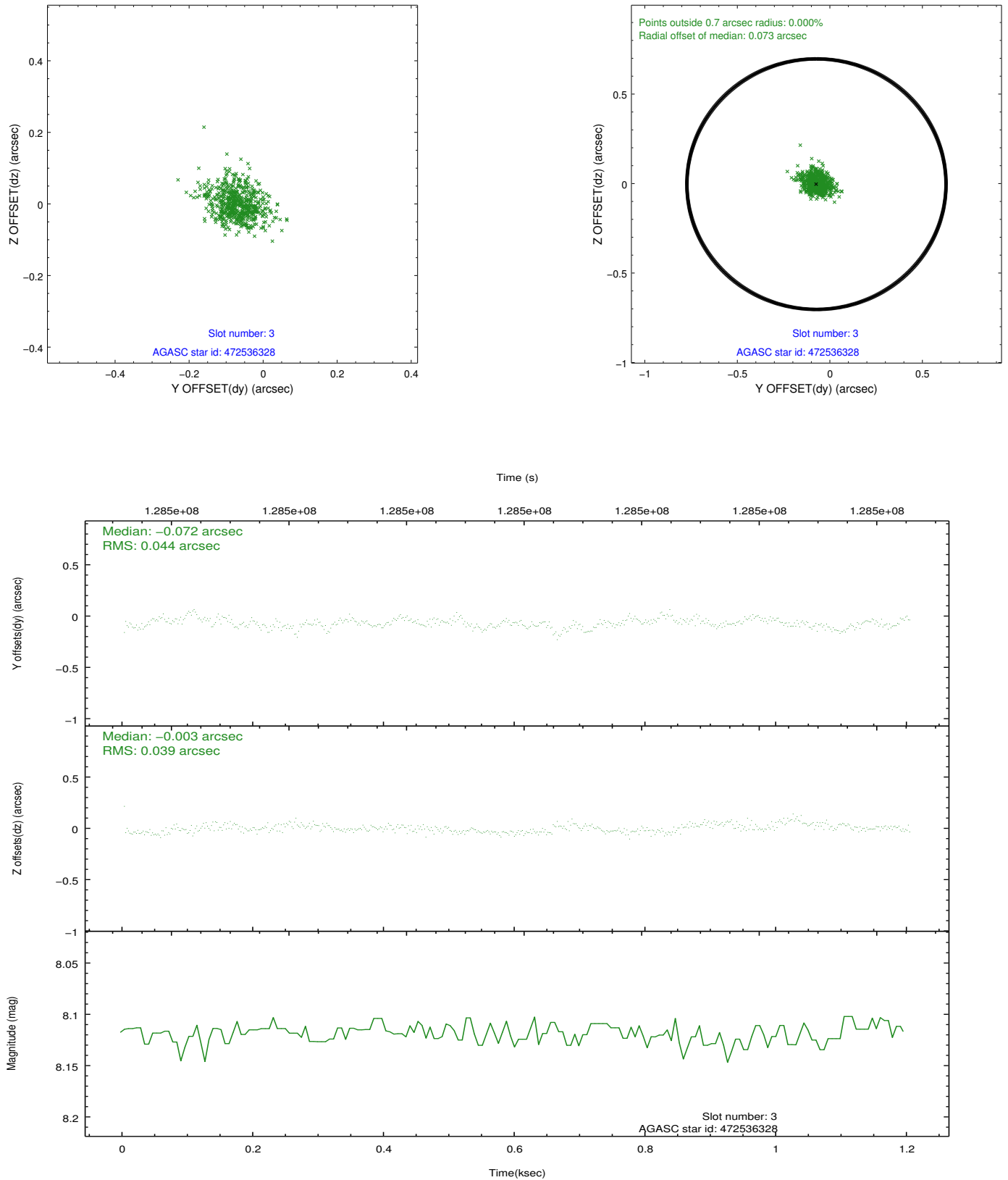


Slot Statistics

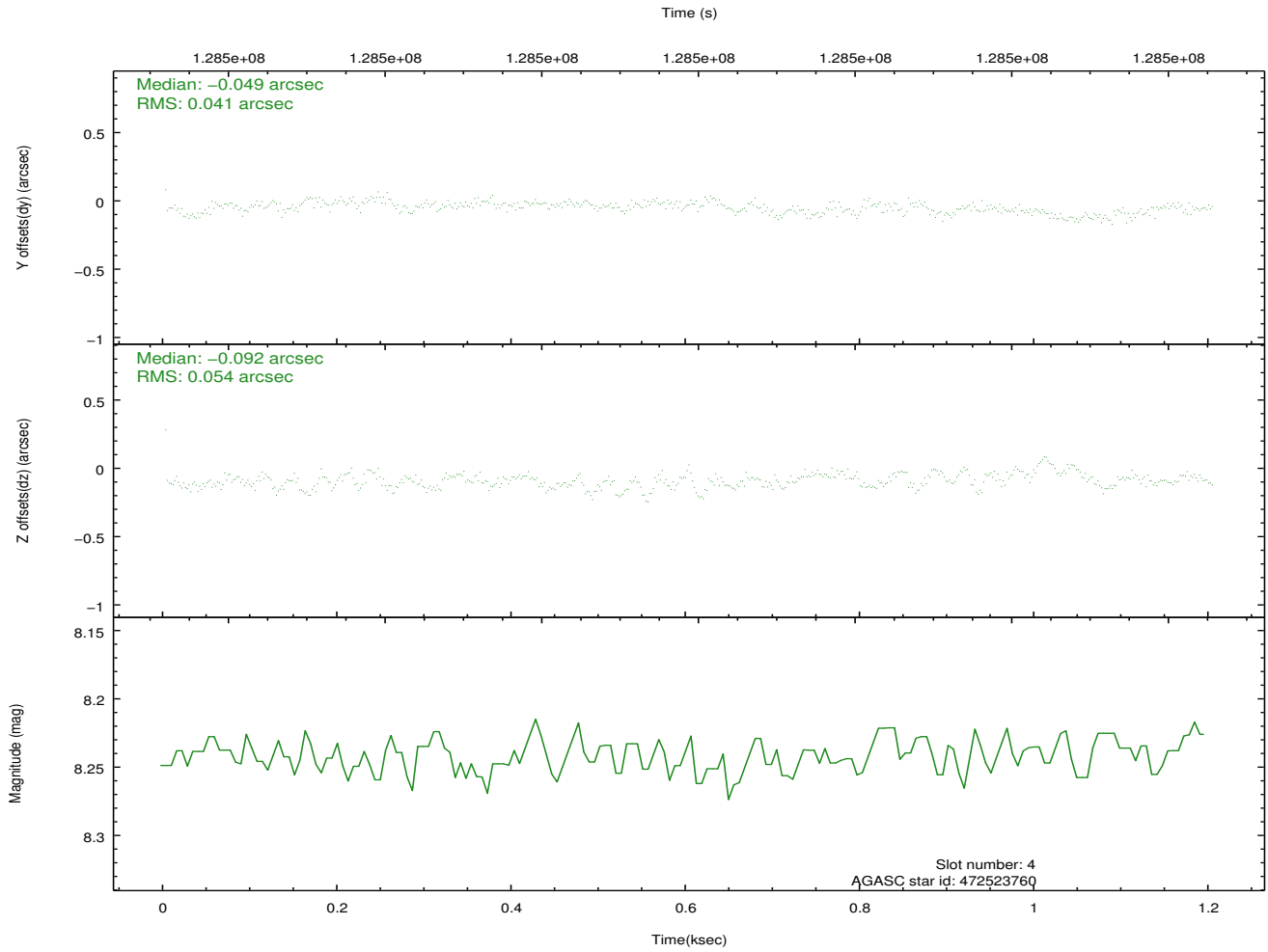
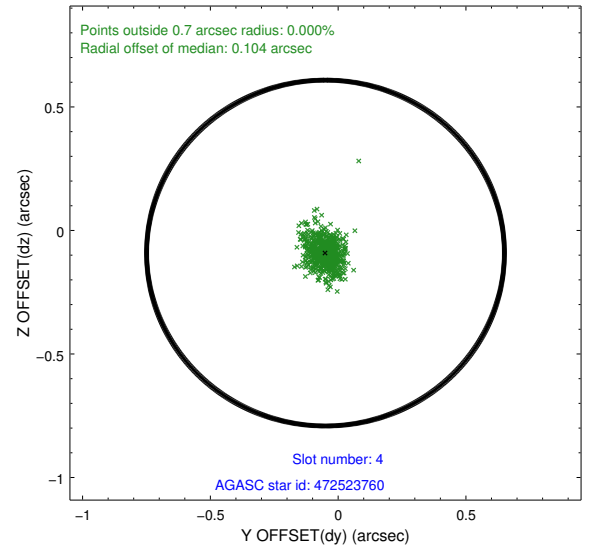
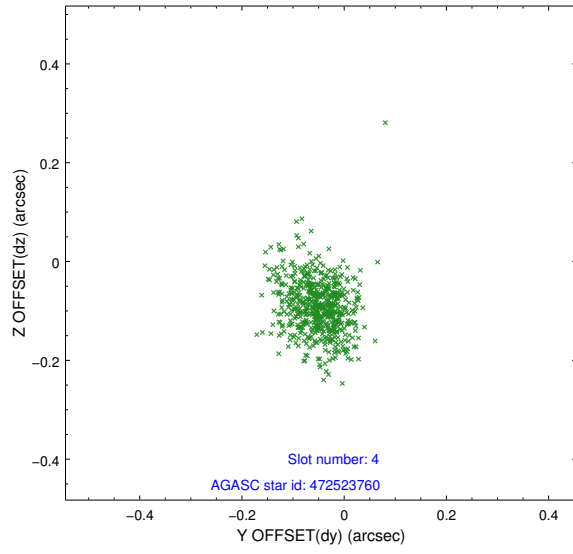
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	294	0.041	0.026	0.007	0.011	0.000000	0.000000	-759.03	-1294.82
1	FID	HRC-I-2	7.00	294	0.091	-0.025	0.010	0.027	0.000000	0.000000	851.07	-1300.88
2	FID	HRC-I-4	6.99	294	-0.015	-0.094	0.007	0.028	0.000000	0.000000	1286.65	1002.77
3	GUIDE	472536328	8.12	587	-0.072	-0.003	0.061	0.104	331.496671	46.454831	-1879.18	1164.30
4	GUIDE	472523760	8.24	587	-0.049	-0.092	0.069	0.119	331.645363	45.403260	-75.02	-2181.02
5	GUIDE	472537064	8.93	587	-0.042	0.070	0.082	0.146	331.323423	46.483499	-2315.48	1090.61
6	GUIDE	472659832	9.46	584	0.075	0.054	0.100	0.156	332.780399	46.098139	1558.93	1241.93
7	GUIDE	472655704	9.48	586	0.083	-0.012	0.116	0.290	332.167195	45.285228	1312.52	-2056.28

2.4 Star Slots

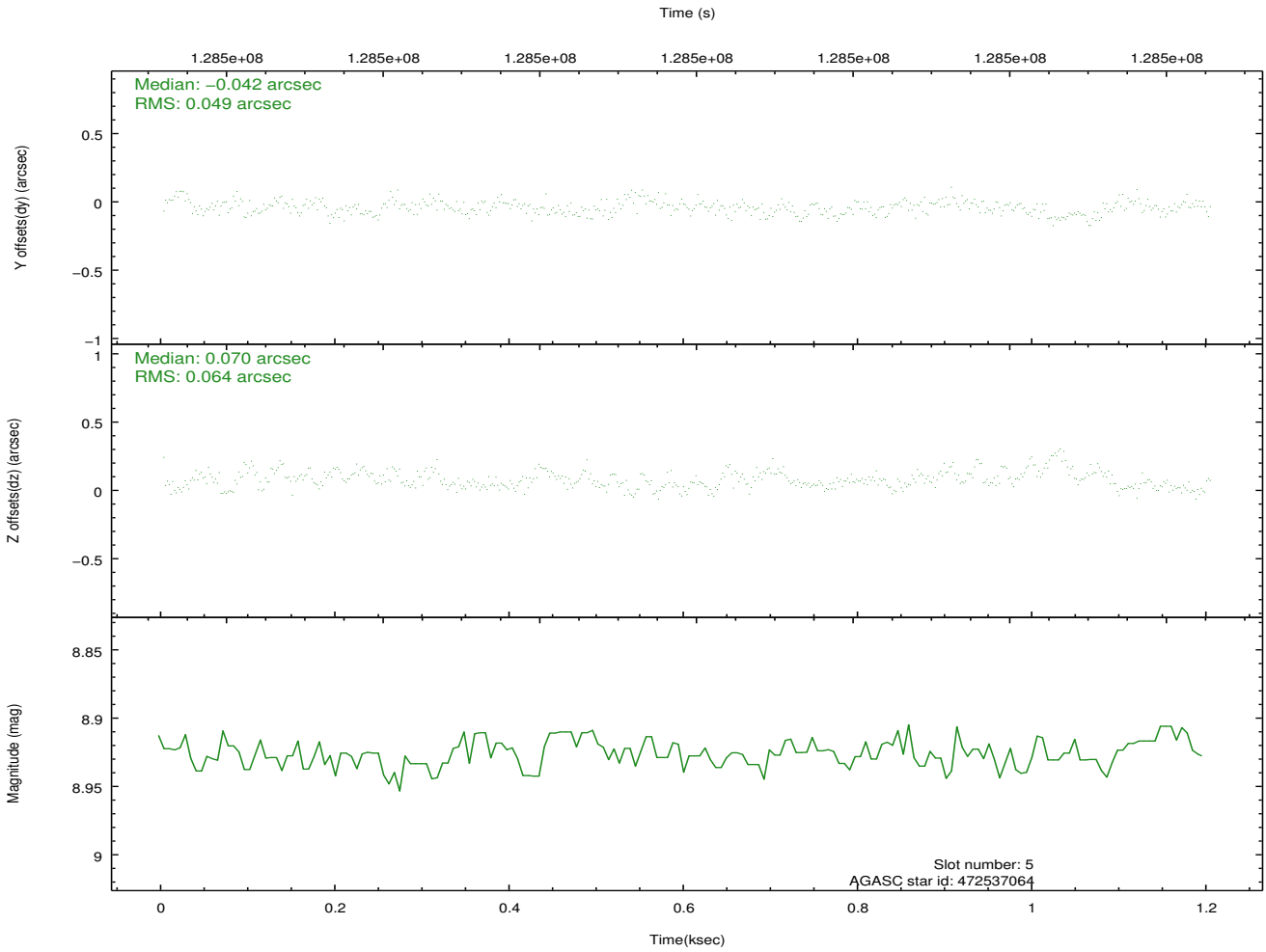
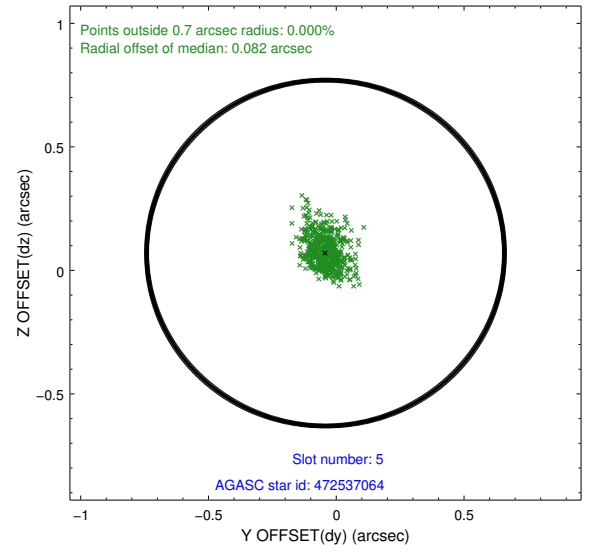
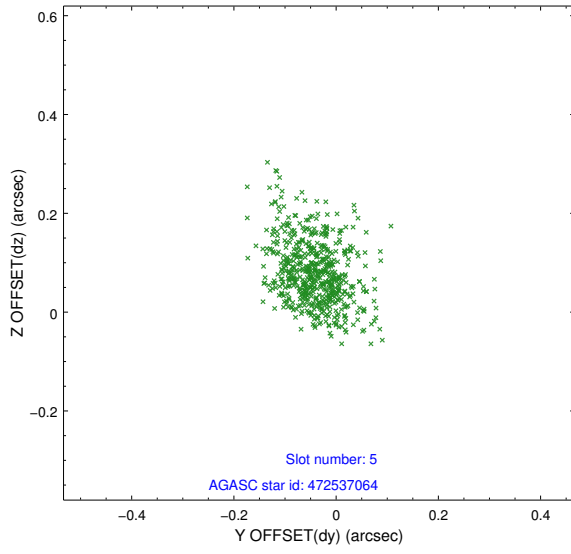
2.4.1 Slot 3



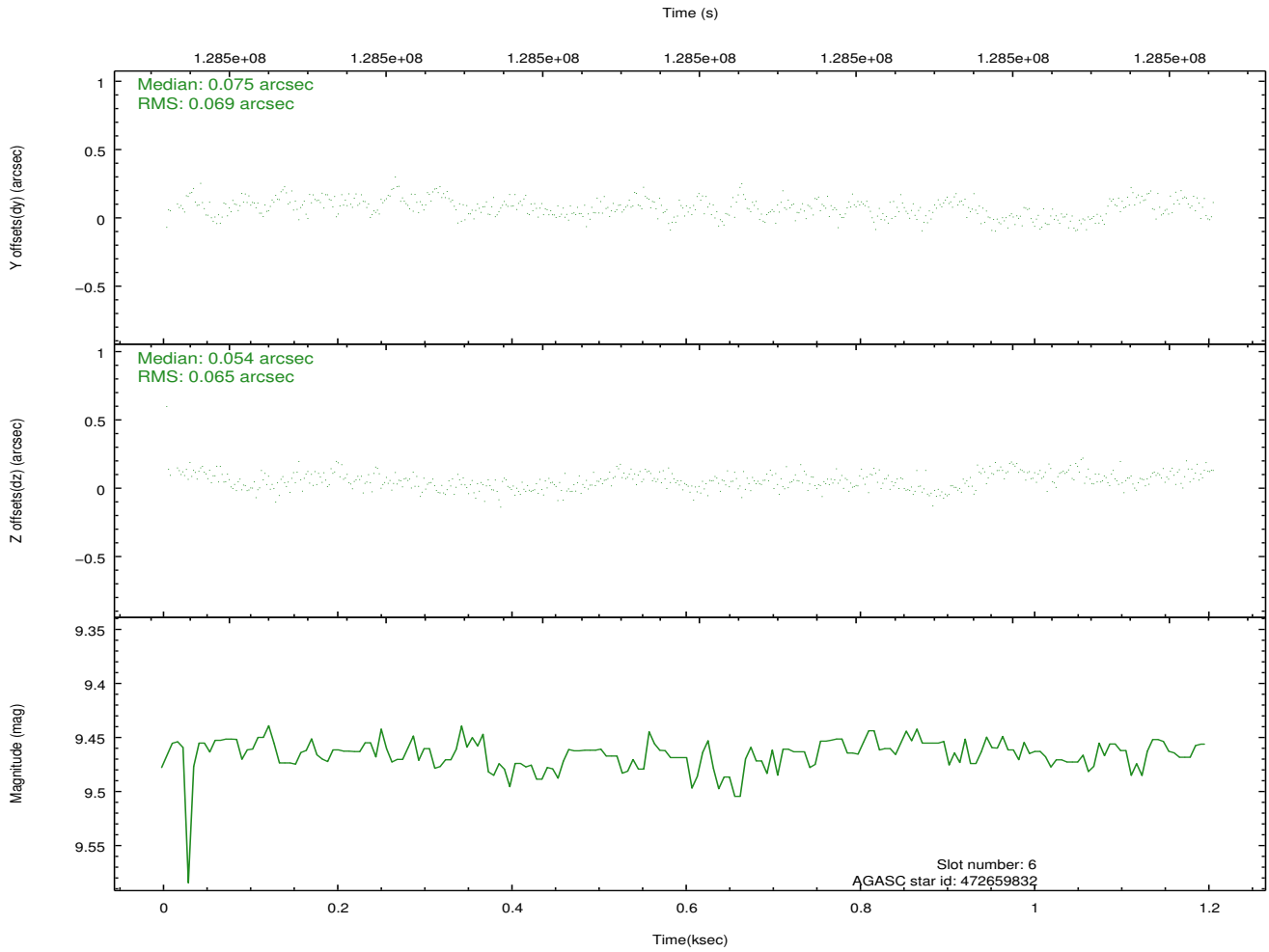
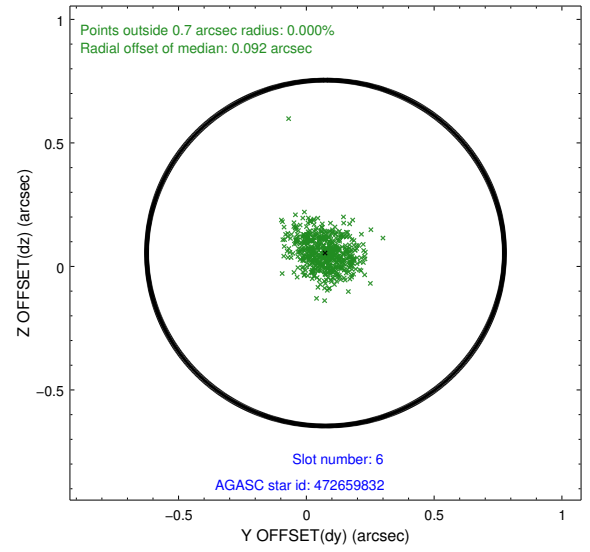
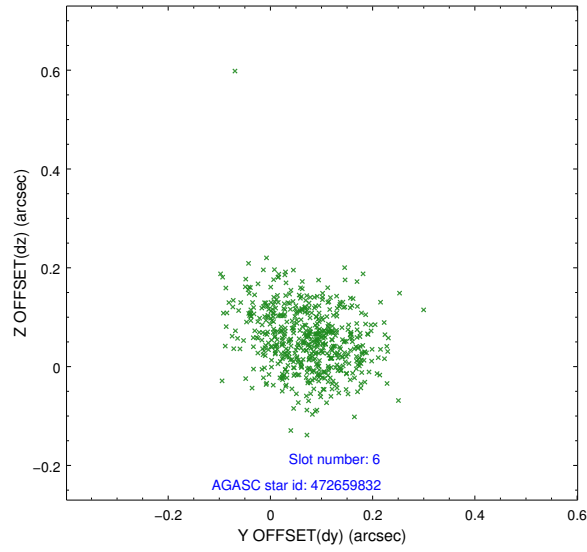
2.4.2 Slot 4



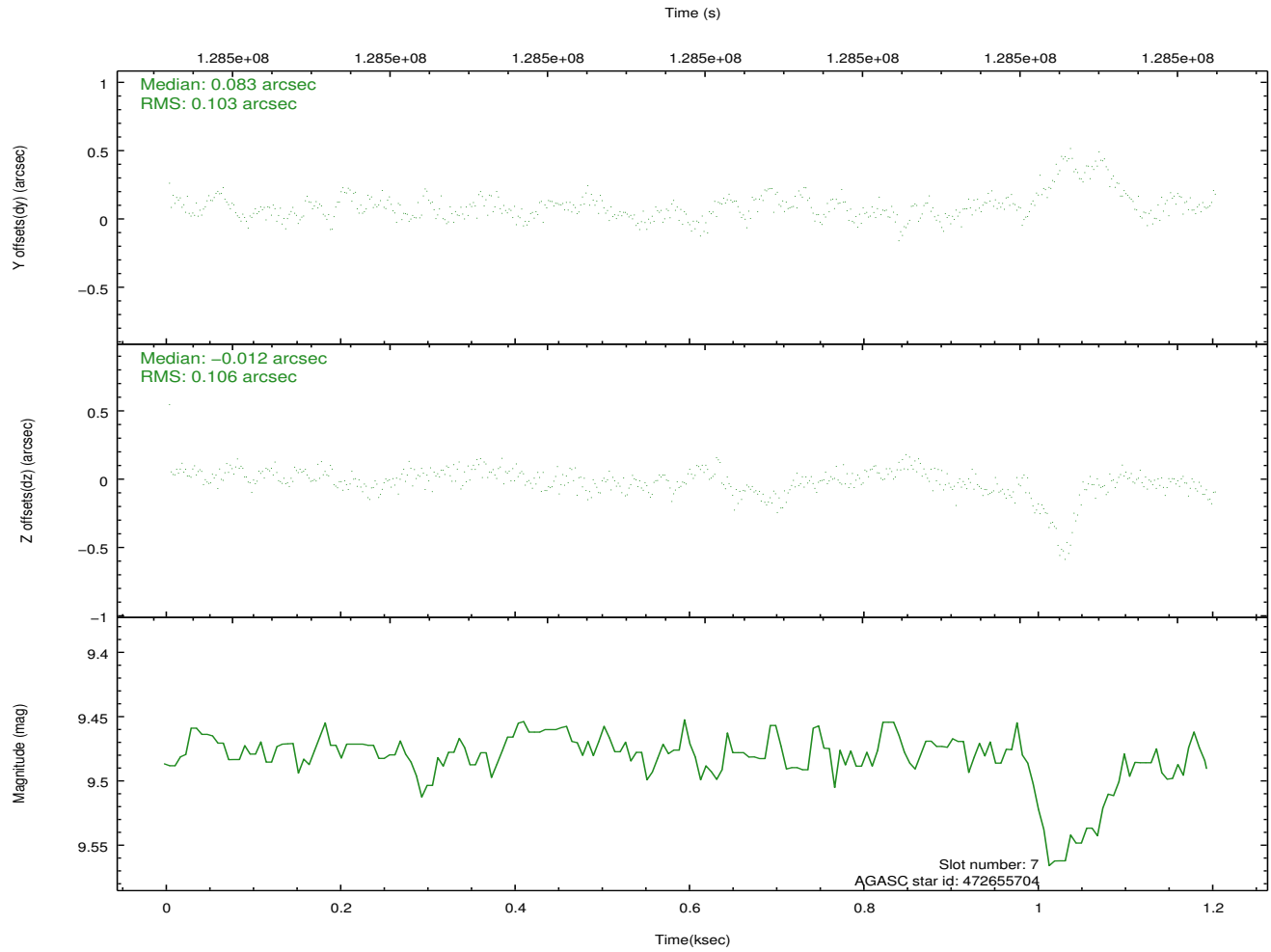
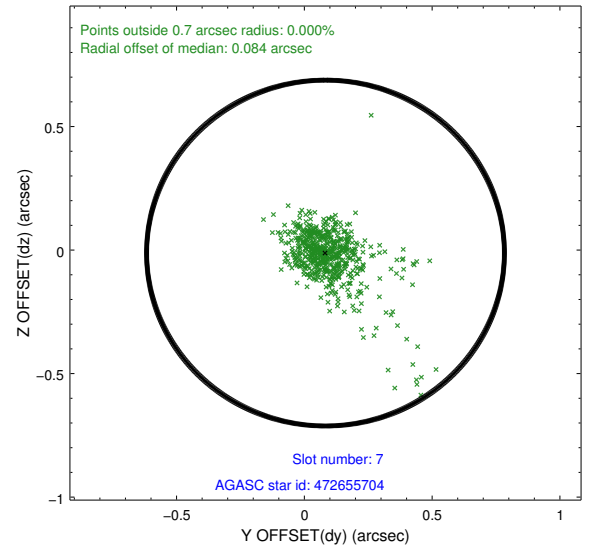
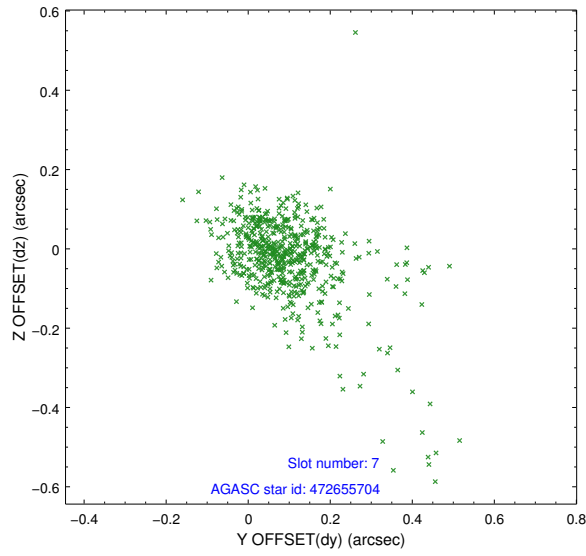
2.4.3 Slot 5



2.4.4 Slot 6

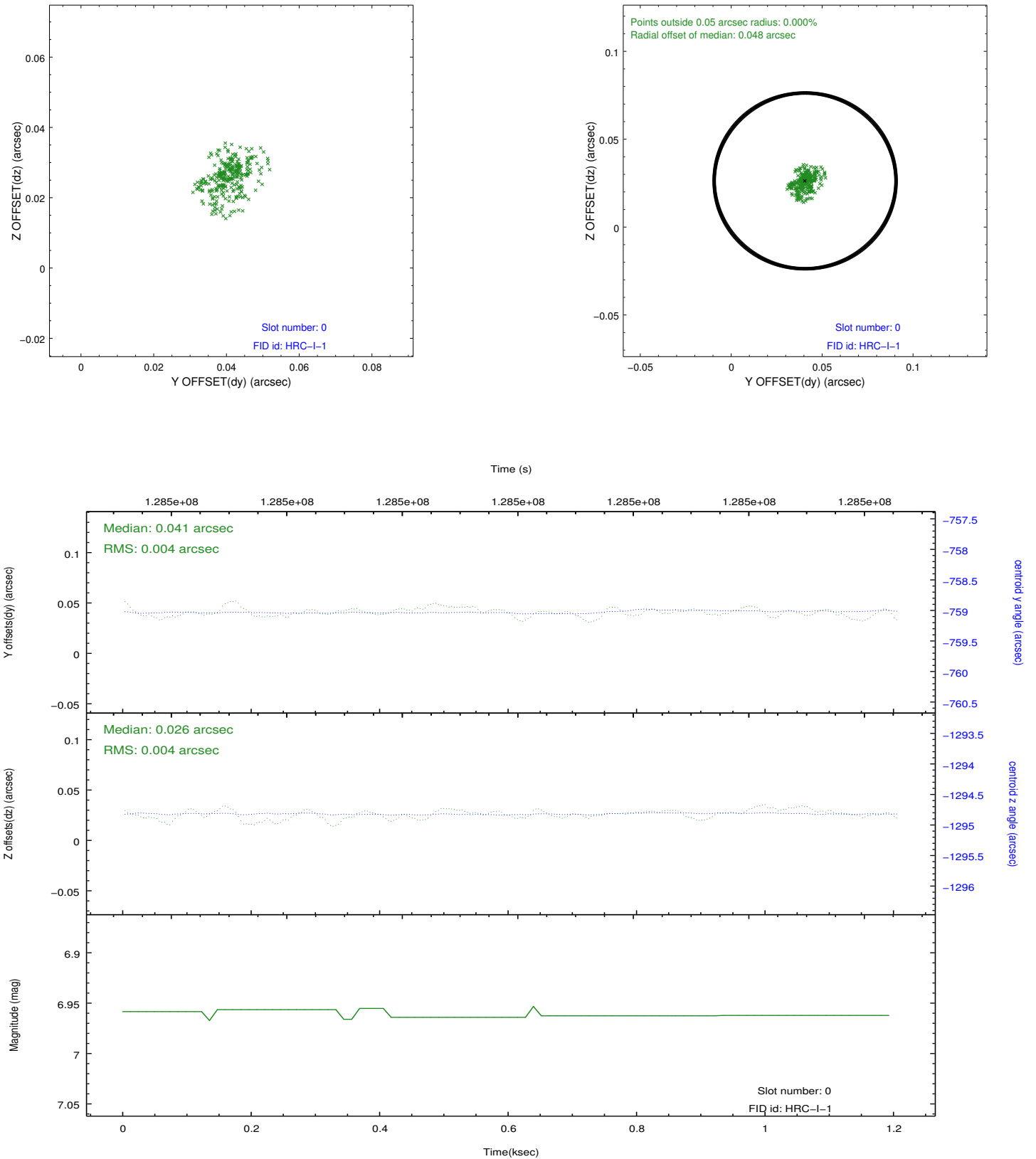


2.4.5 Slot 7

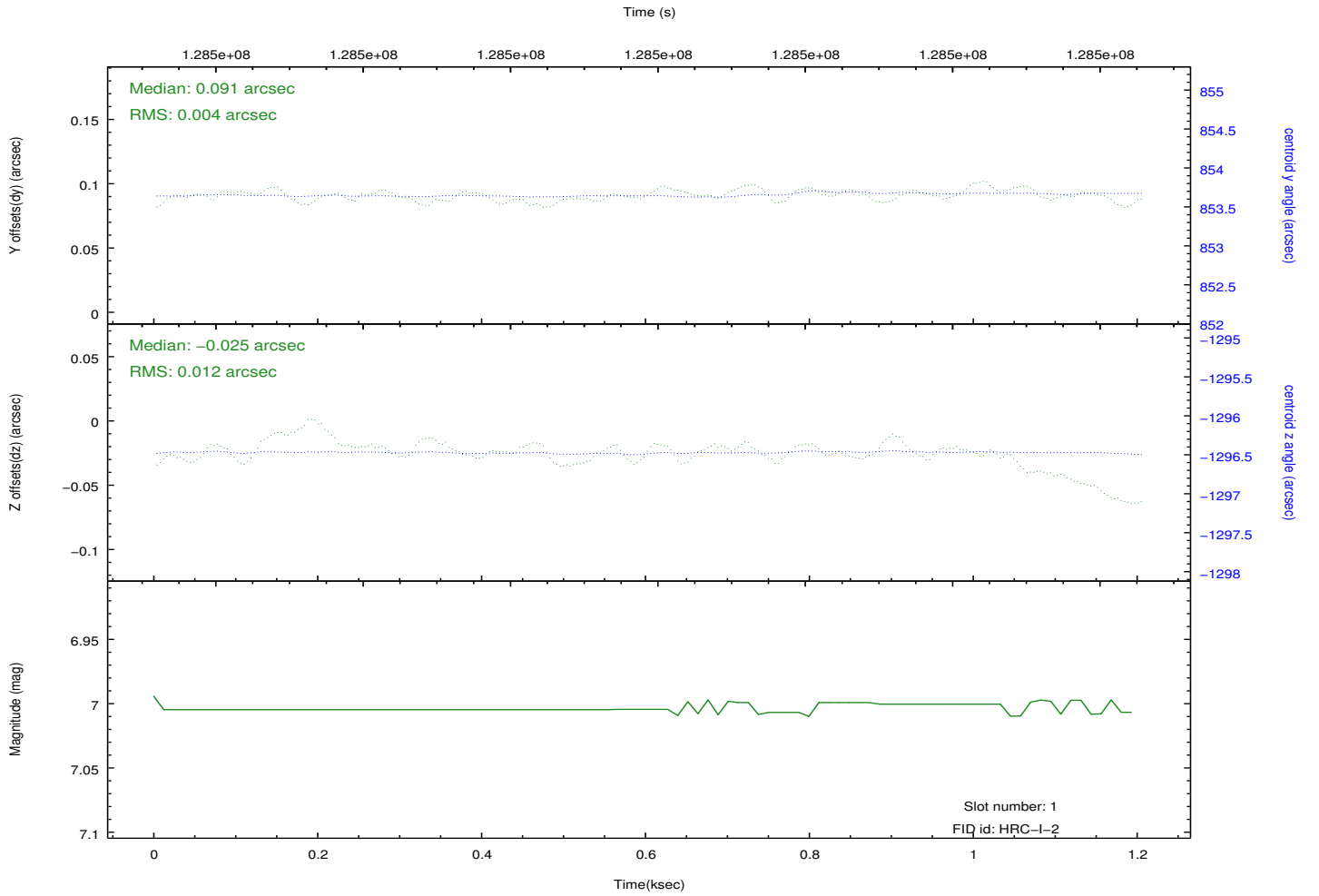
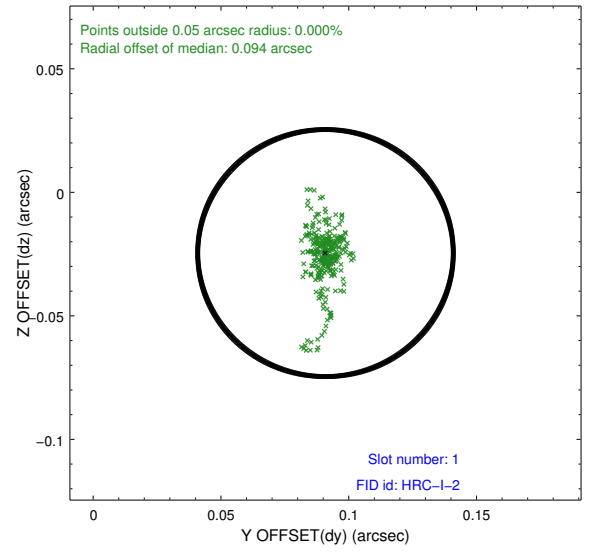
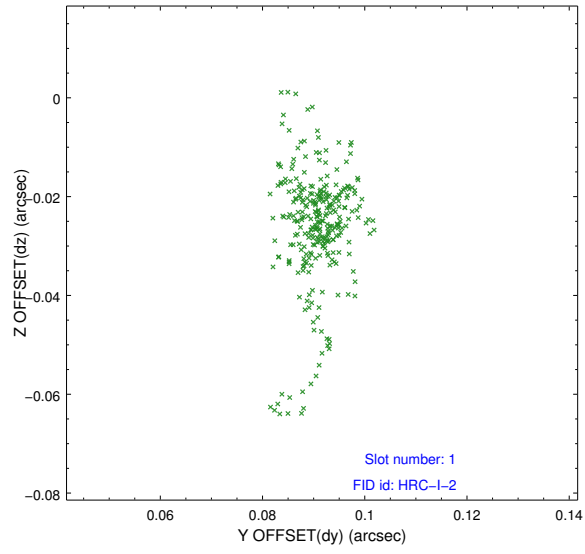


2.5 FID Slots

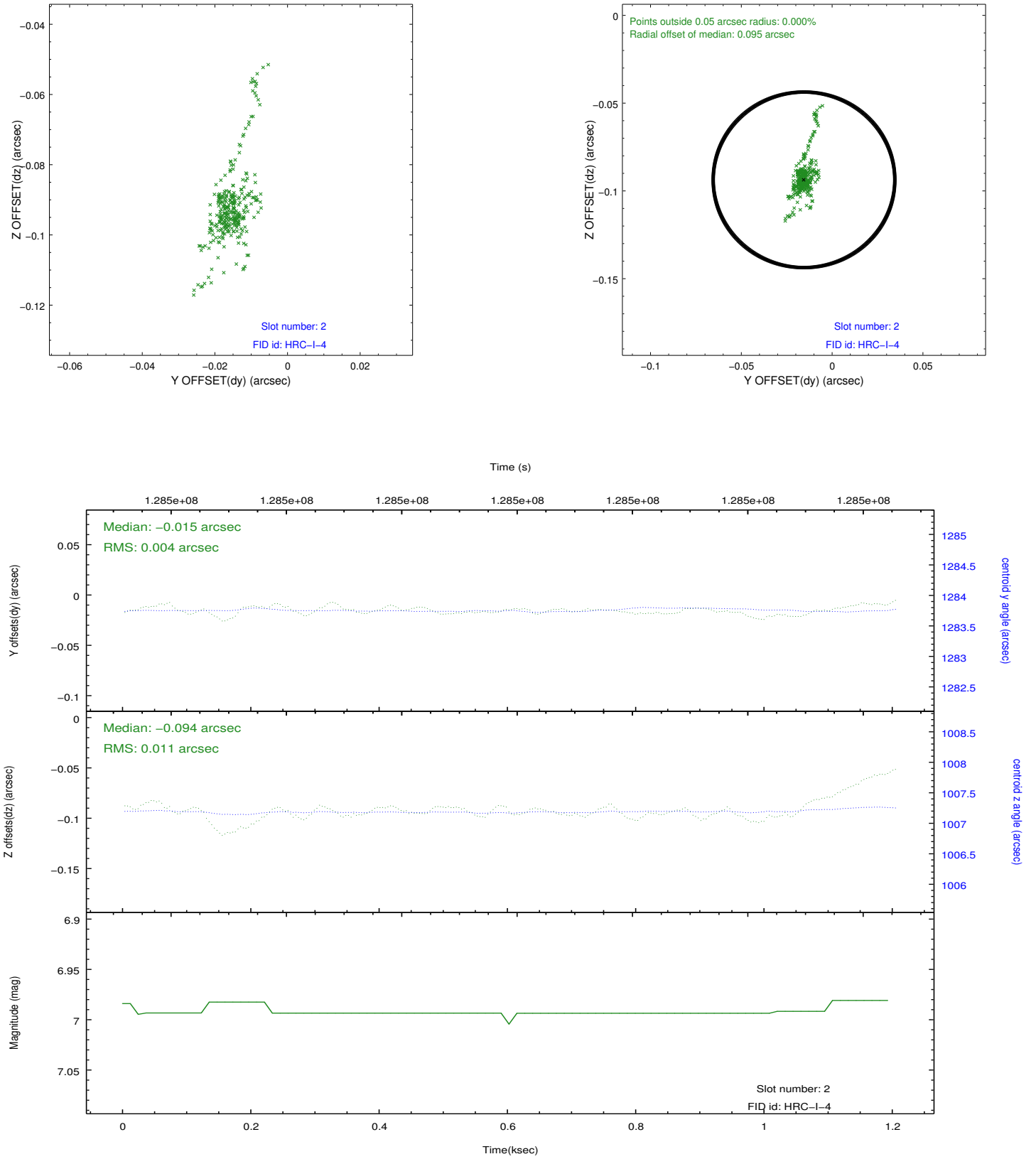
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2

A.2 Comments