

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2362 - L2 Version 6
Chandra X-Ray Center

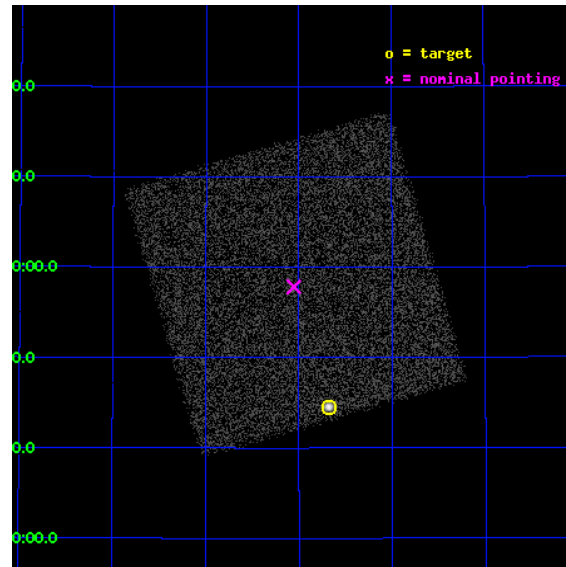
L2 Processing Date : Sep 4 2012

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1 Front

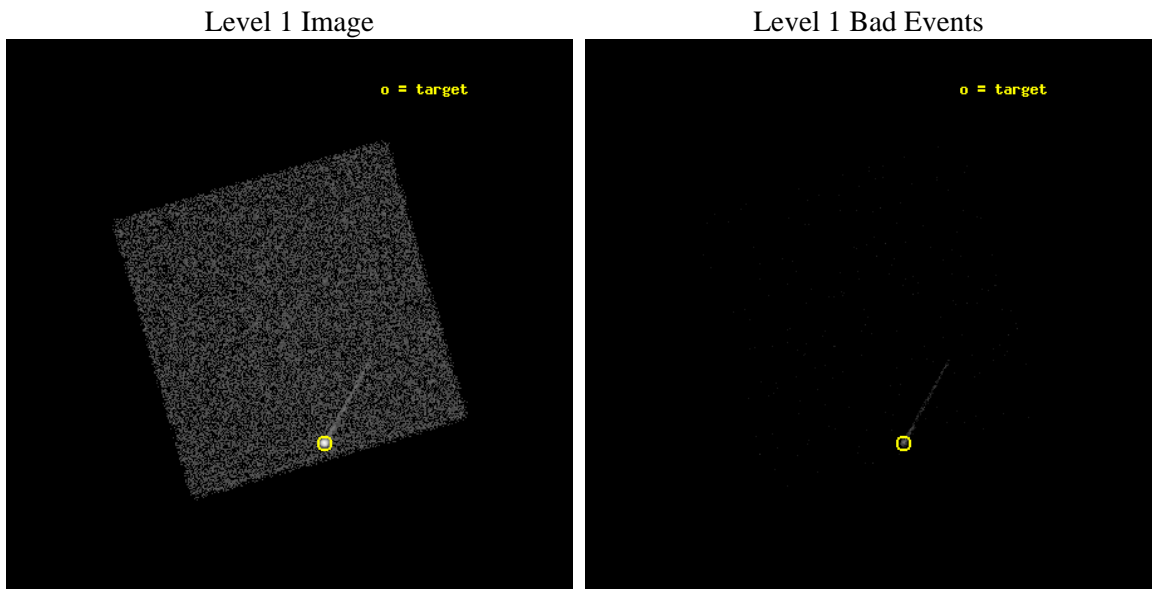
seq_num	290109	Sequence number
obs_id	2362	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.26342827917	Nominal RA [deg]
dec_nom	45.96430340753	Nominal Dec [deg]
roll_nom	298.74523744165	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1202.581295982	[s]
livetime	1196.7569768542	Ontime multiplied by DTCOR
l2events	33429	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1202.581295982	[s]
caldsver	4.5.1.1	 	l1events	58750	Number of level 1 events
date	2012-09-04T06:20:09	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

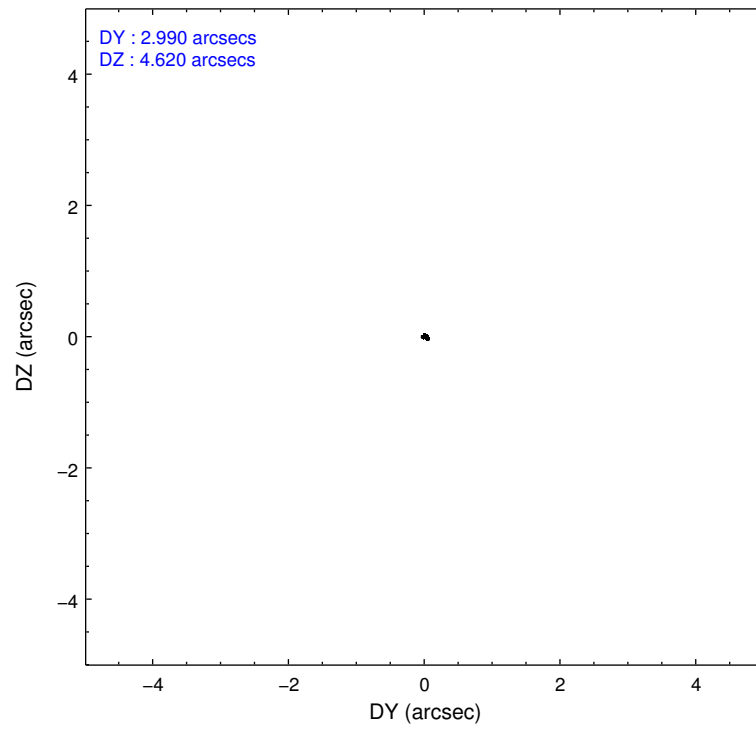
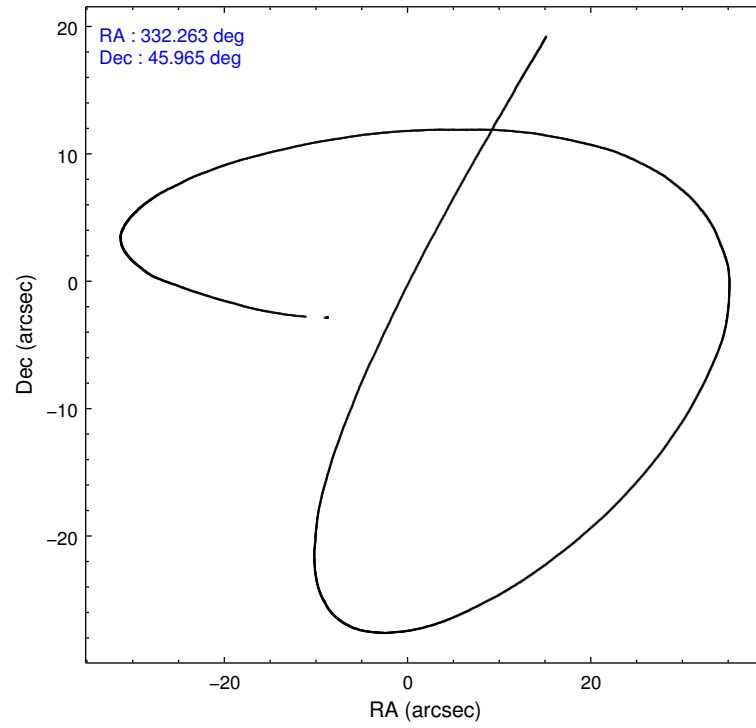
	segment 0
level 1 events	58750
rejected events	11858
rejected %	20%

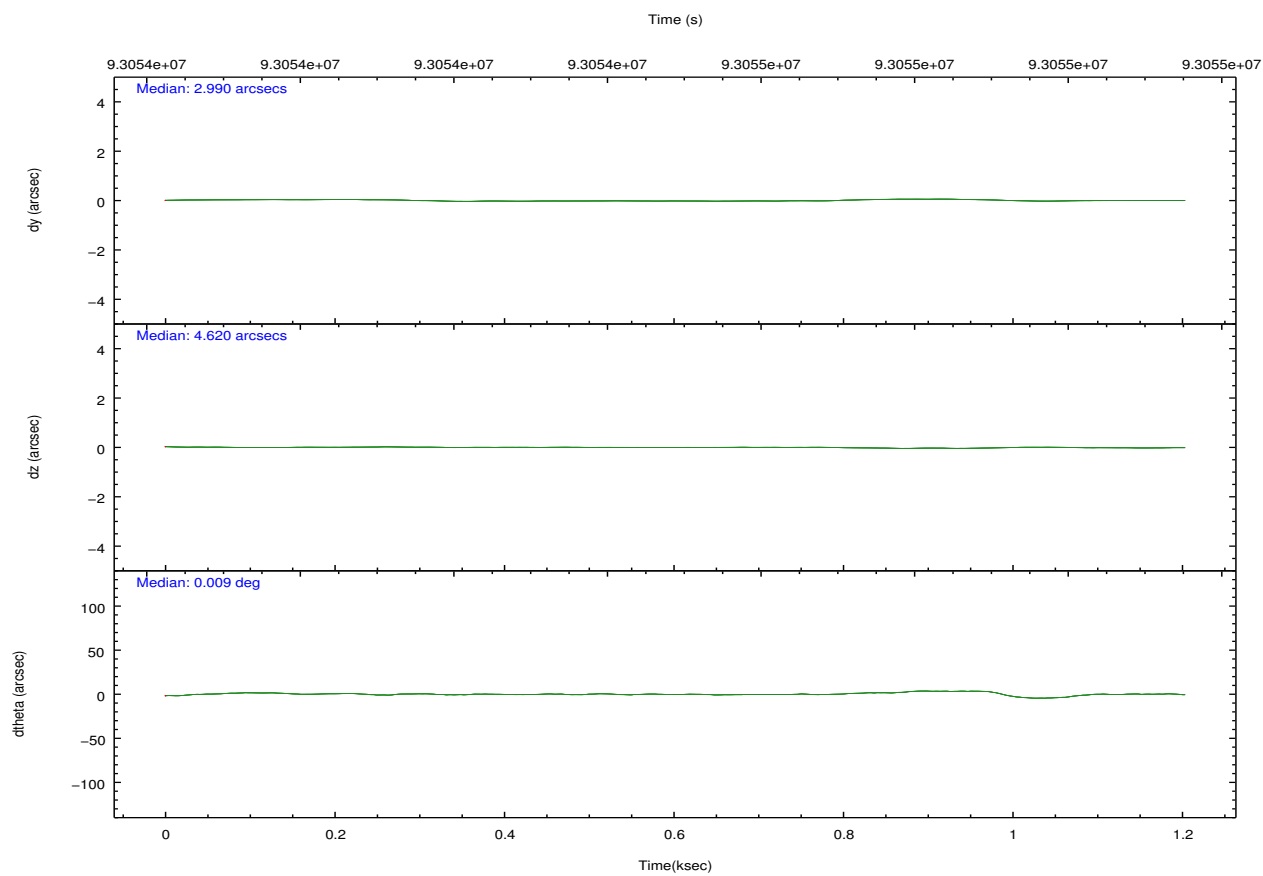
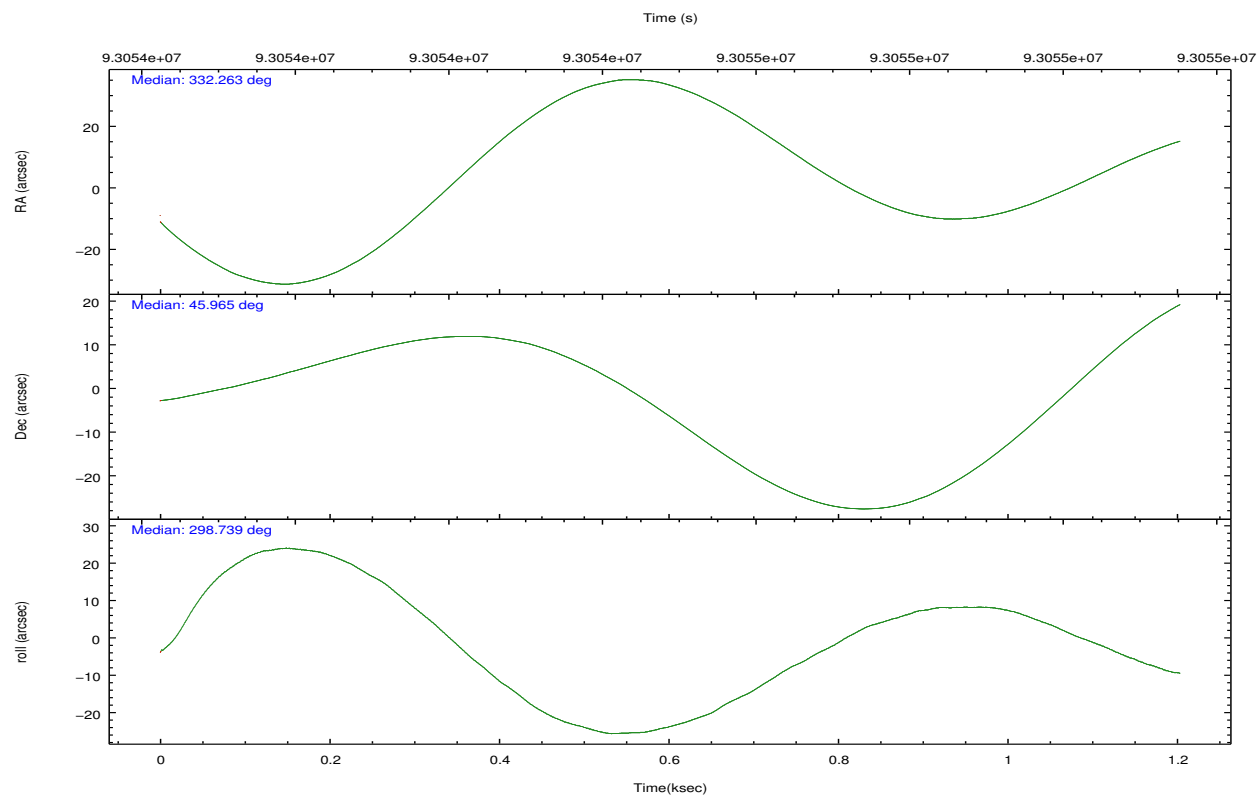
2.2 Compared Parameters

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	332.230821	332.2634282791698
[deg] Pointing Dec	45.978110	45.96430340753021
[deg] Pointing Roll	298.864302	298.7452374416455
[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)	93054091.184000	93053714.938493
Observation start date	2000-12-13T00:20:27	2000-12-13T00:15:14
[s] Observation end time (MET)	93055091.184000	93055224.76355
Observation end date	2000-12-13T00:37:07	2000-12-13T00:40:24

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

2.3 Aspect



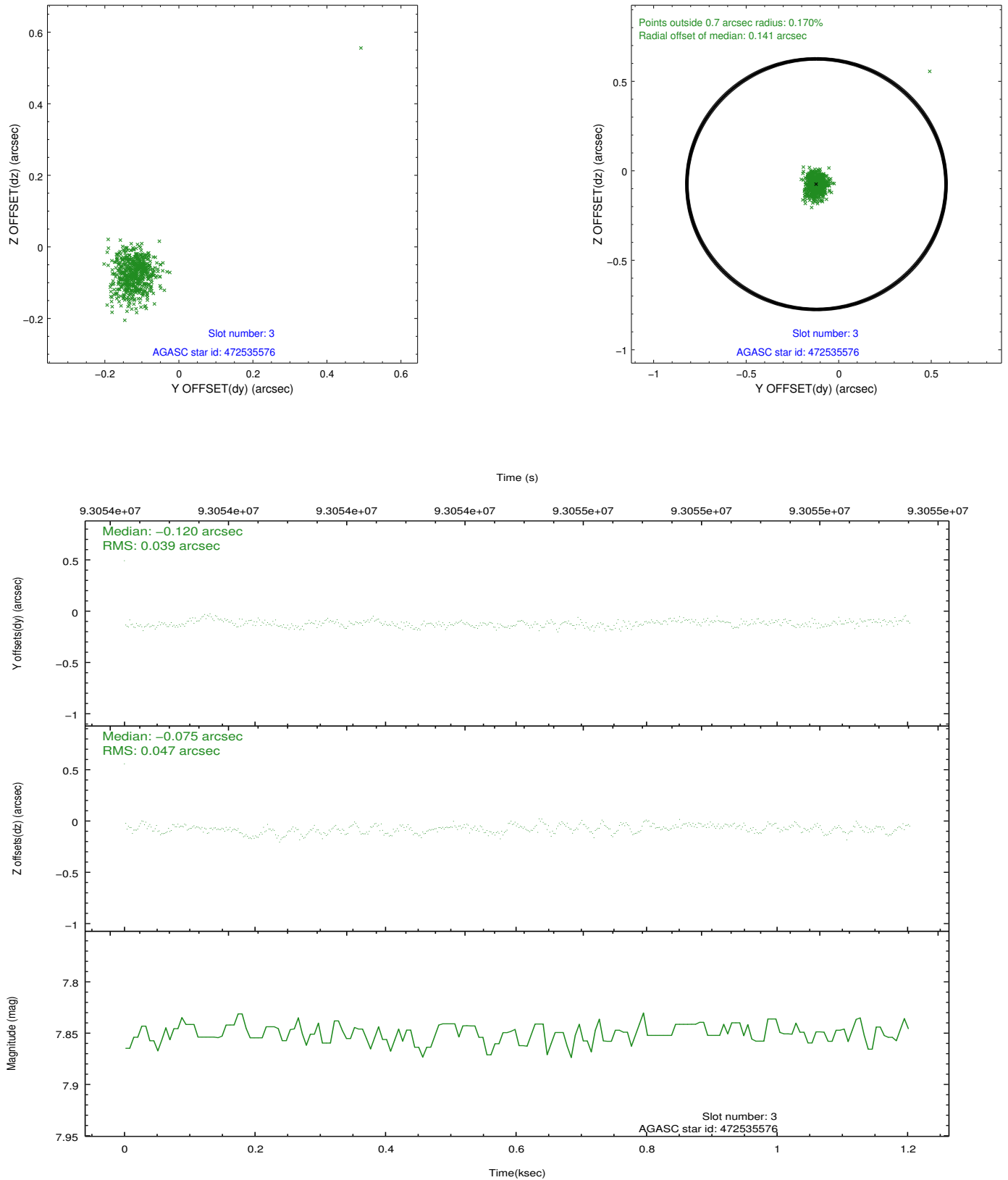


Slot Statistics

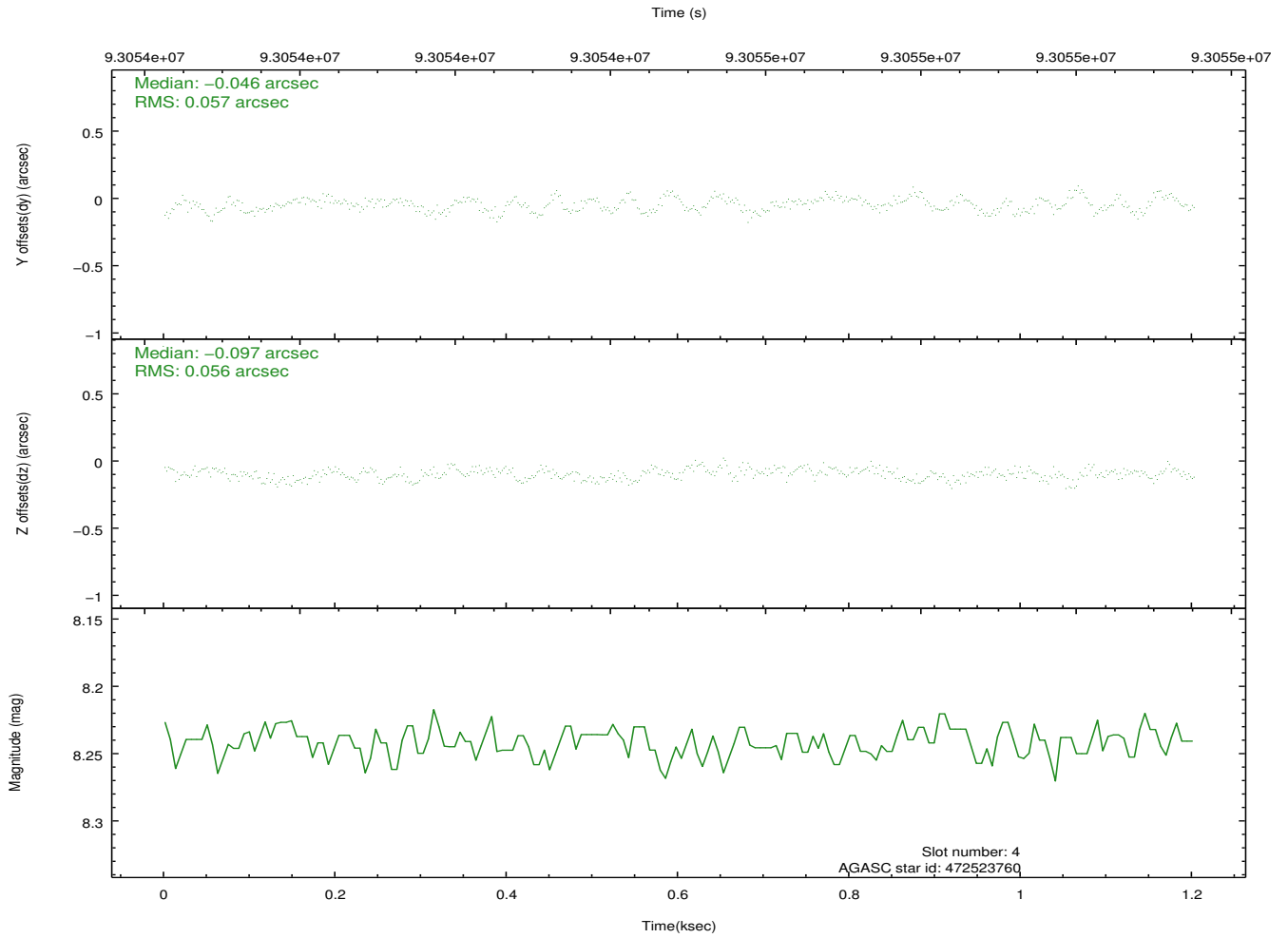
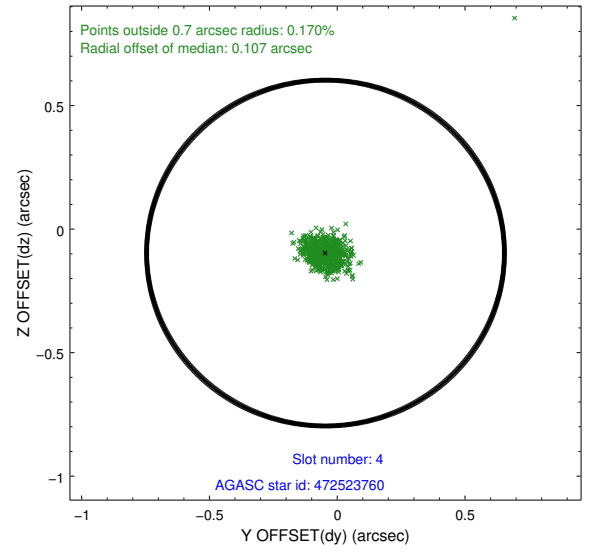
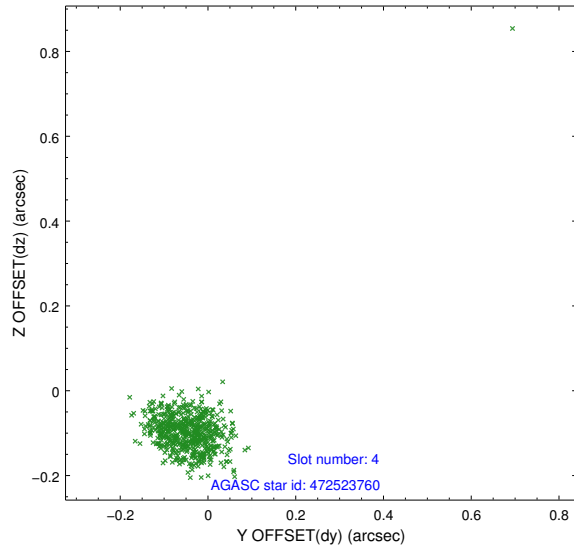
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	294	0.046	0.067	0.014	0.038	0.000000	0.000000	-758.44	-1292.37
1	FID	HRC-I-3	7.05	294	0.036	-0.101	0.014	0.045	0.000000	0.000000	-1189.49	1007.63
2	FID	HRC-I-4	6.98	294	0.032	-0.055	0.008	0.014	0.000000	0.000000	1280.31	1013.08
3	GUIDE	472535576	7.85	588	-0.120	-0.075	0.052	0.086	331.438373	46.291802	-1947.68	-1174.65
4	GUIDE	472523760	8.24	588	-0.046	-0.097	0.066	0.105	331.645363	45.403260	1091.70	-2292.25
5	GUIDE	472659832	9.46	588	-0.052	0.070	0.089	0.149	332.780399	46.098139	282.87	1410.68
6	GUIDE	472655152	9.42	585	0.087	-0.056	0.096	0.155	332.504239	45.862991	694.88	405.47
7	GUIDE	472646552	9.63	587	0.140	0.151	0.117	0.188	333.120915	45.571877	2355.31	1267.76

2.4 Star Slots

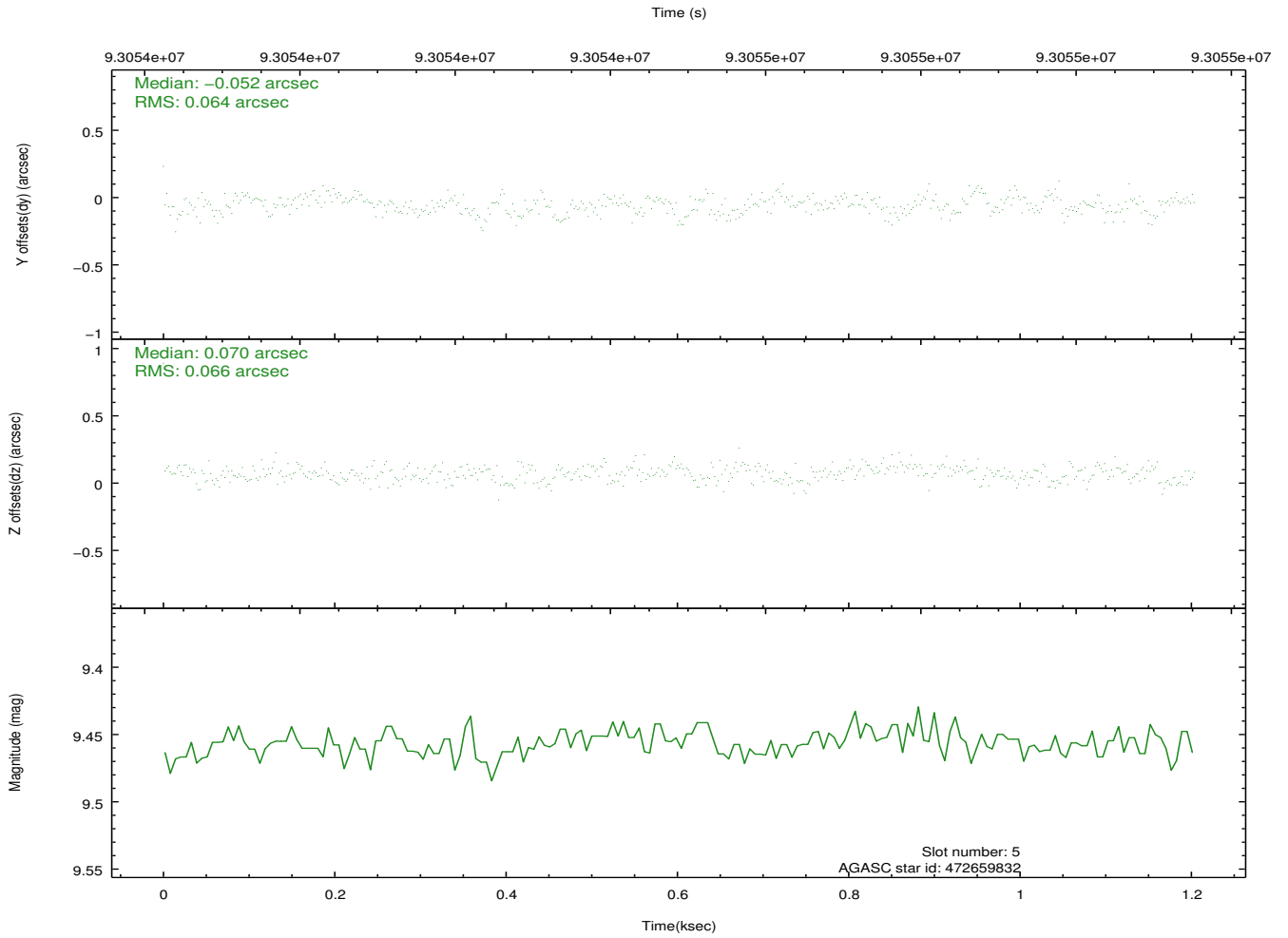
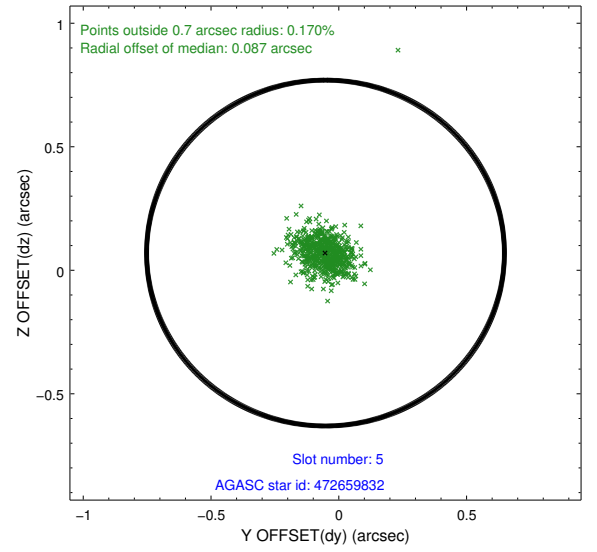
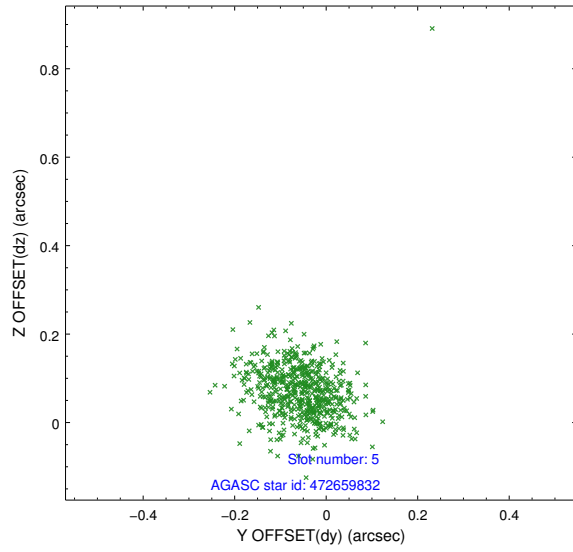
2.4.1 Slot 3



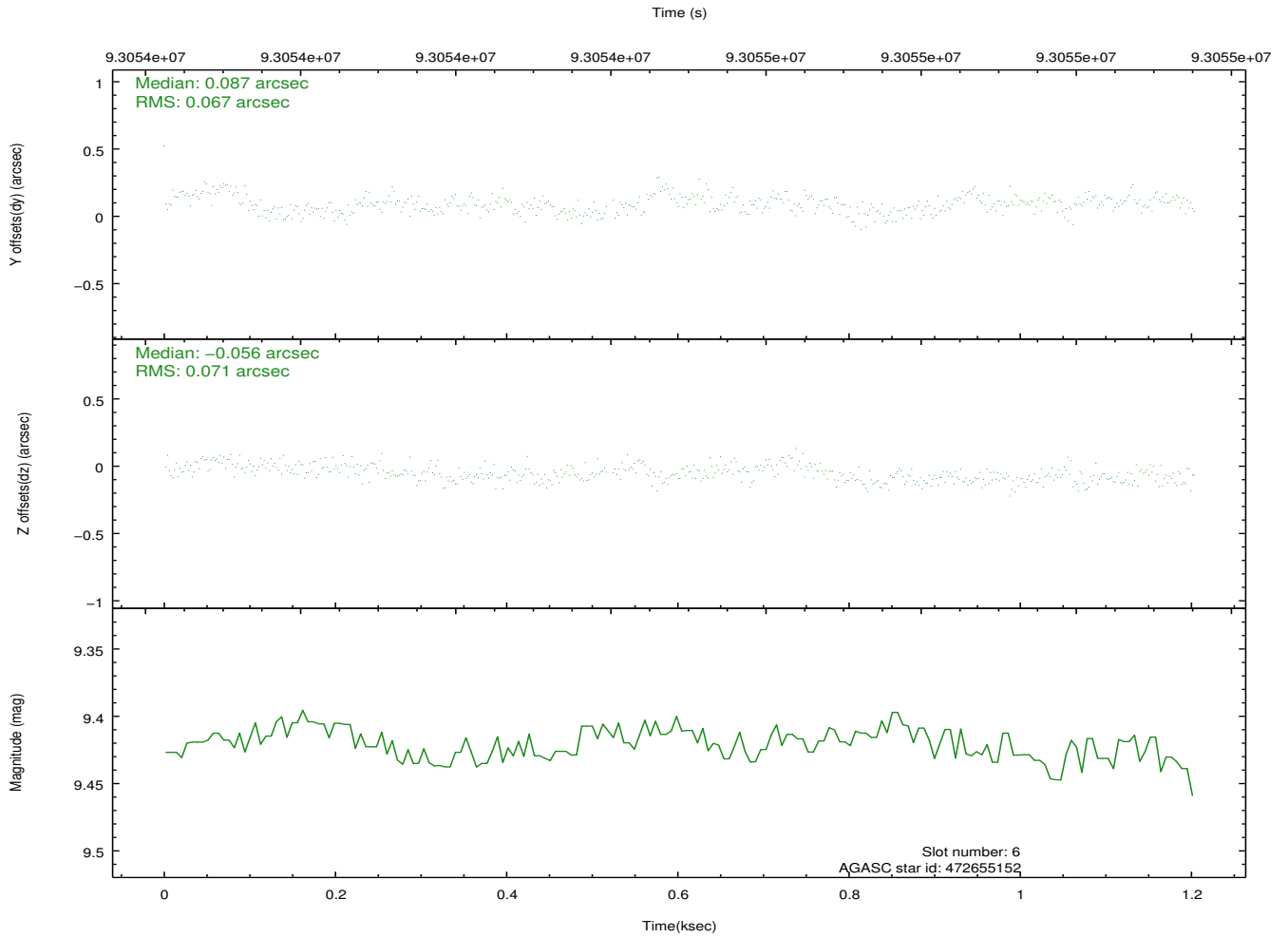
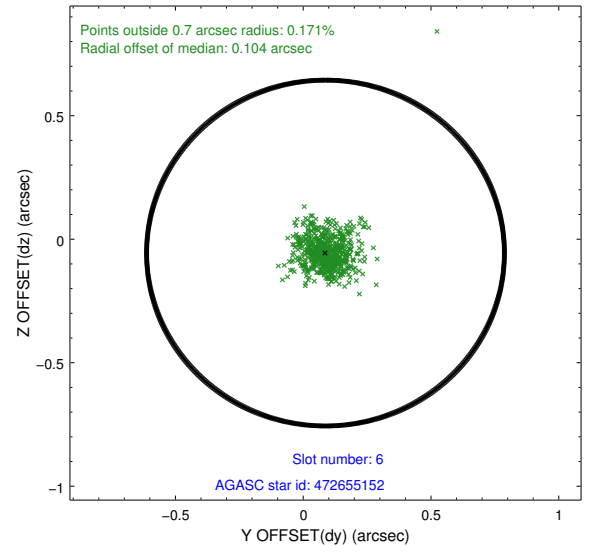
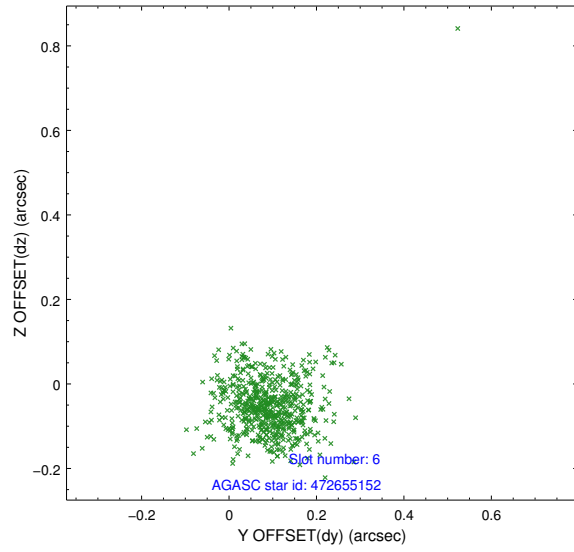
2.4.2 Slot 4



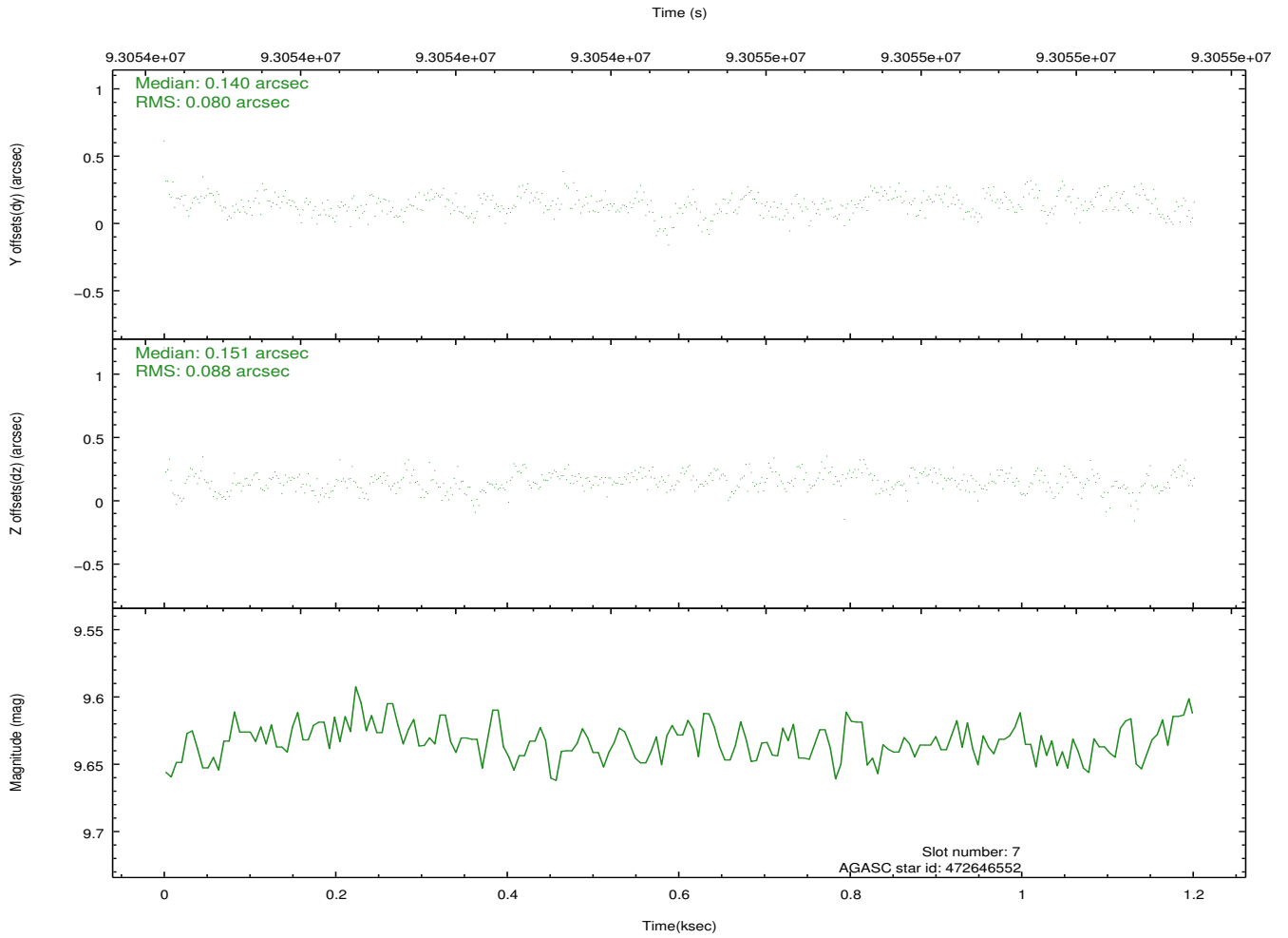
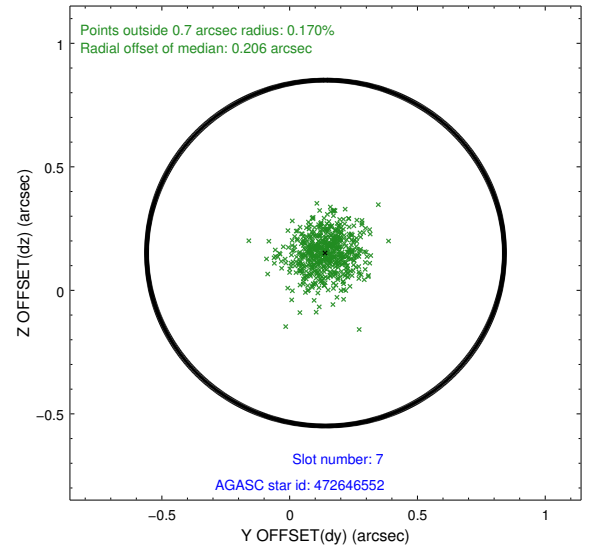
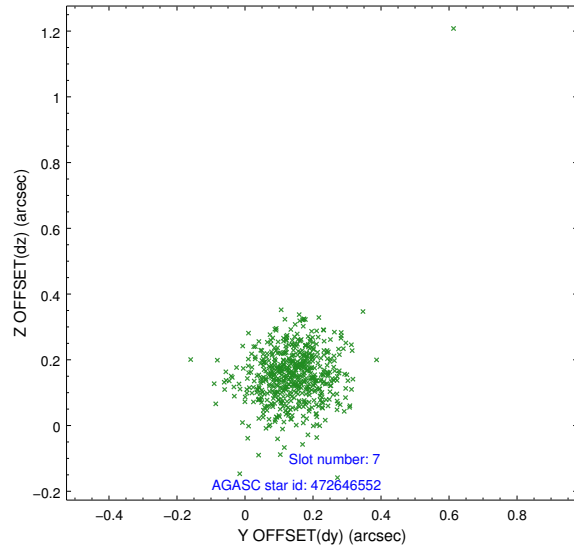
2.4.3 Slot 5



2.4.4 Slot 6

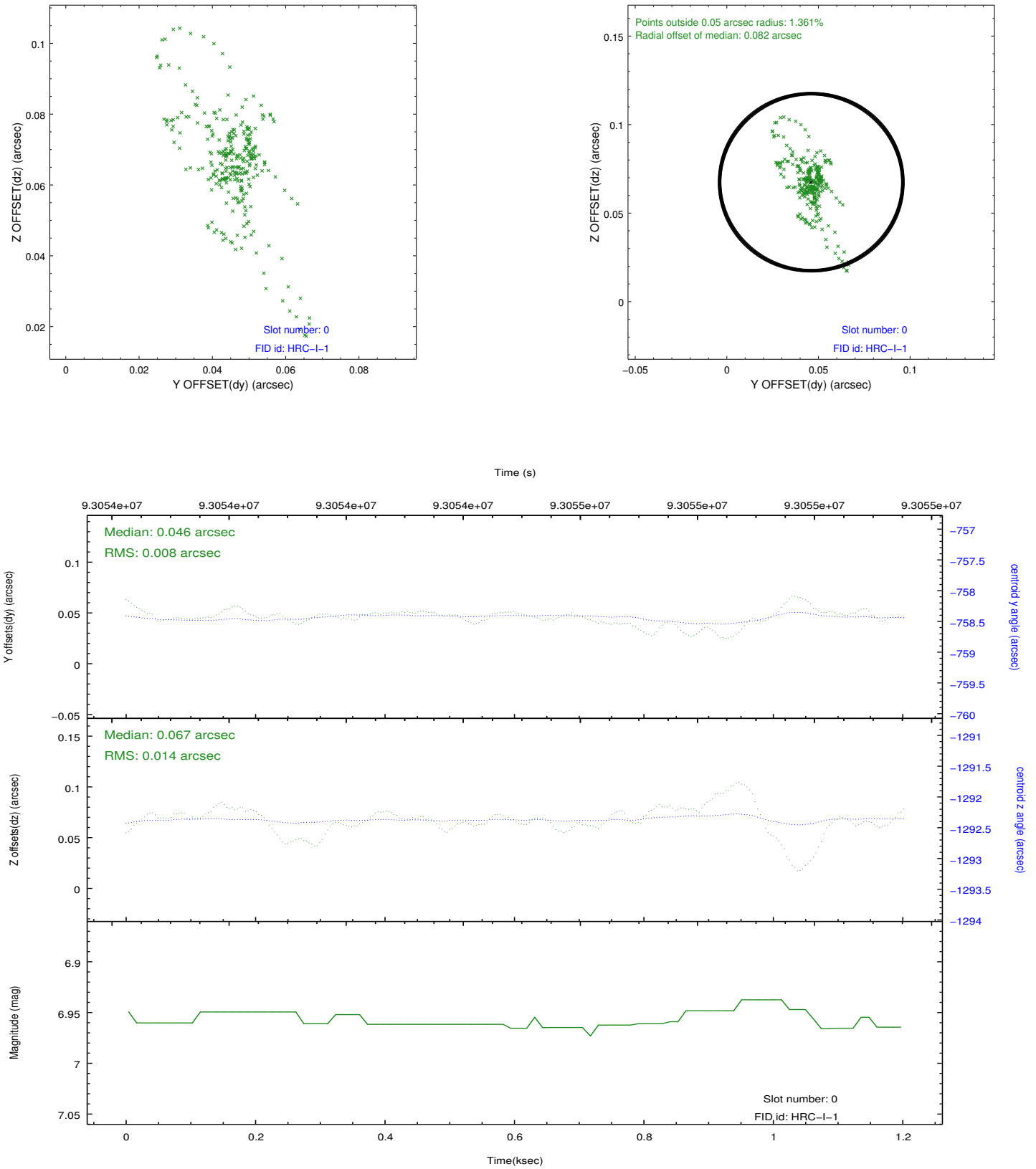


2.4.5 Slot 7

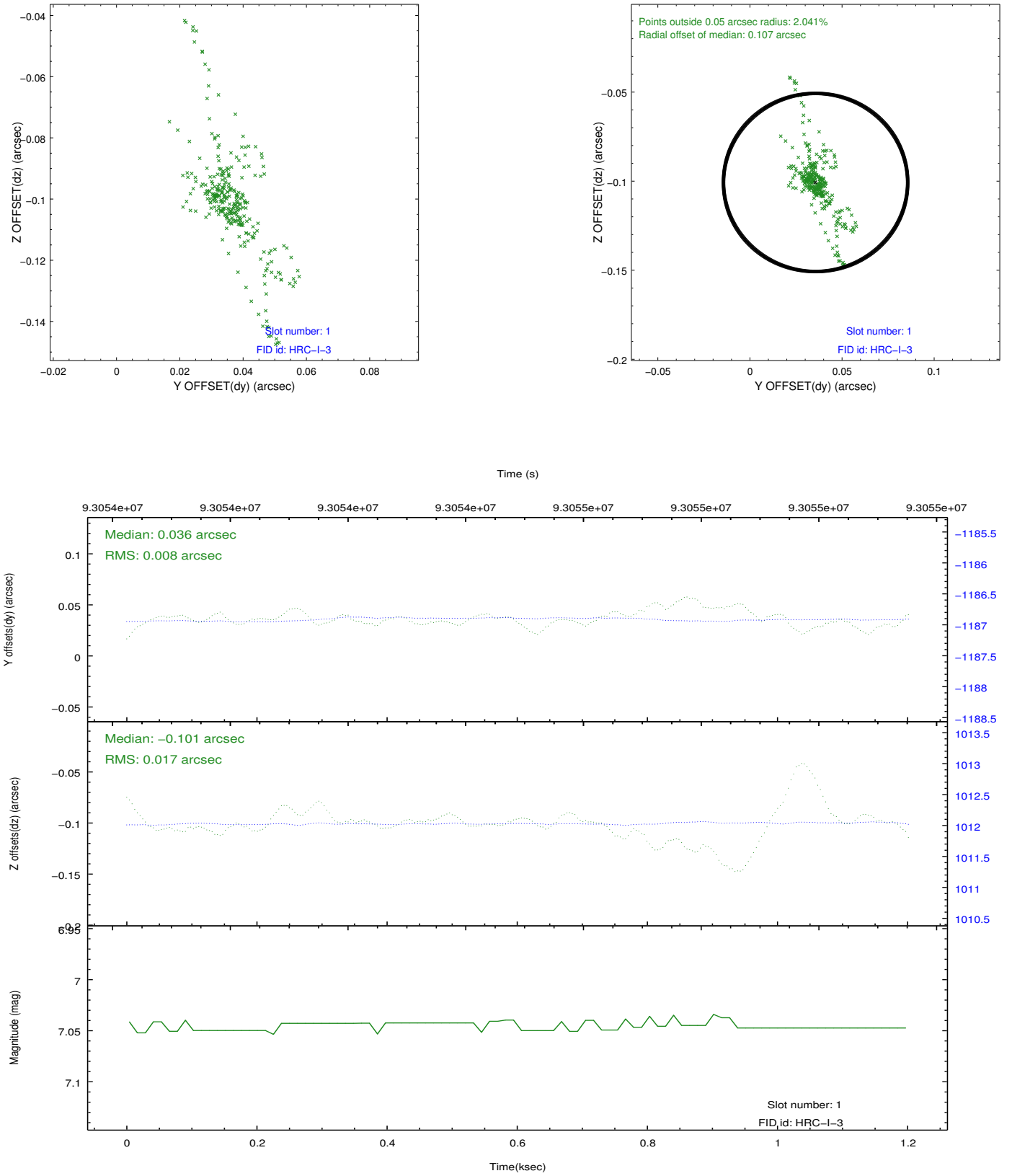


2.5 FID Slots

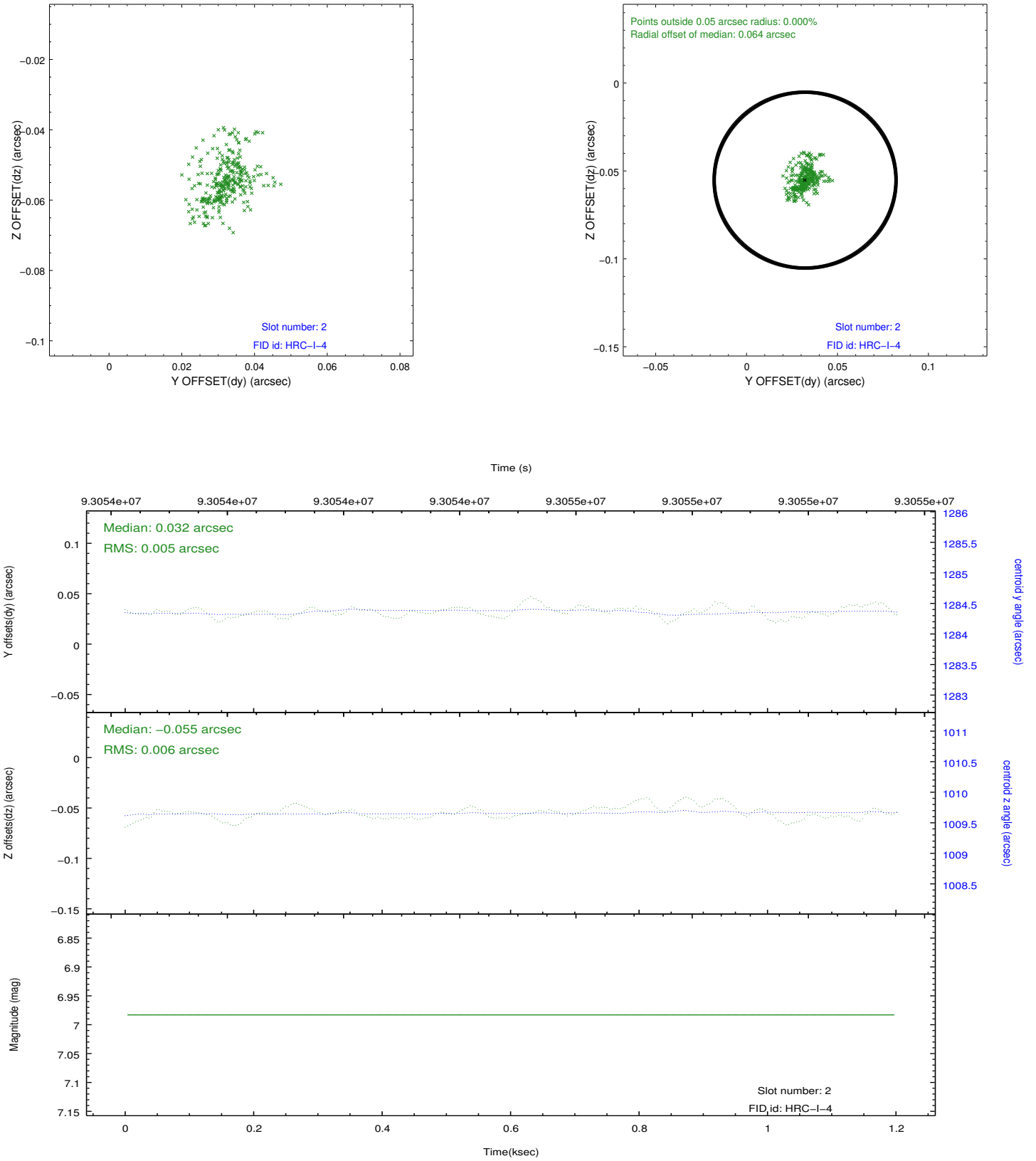
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.202

A.2 Comments