

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13078 - L2 Version 4
Chandra X-Ray Center

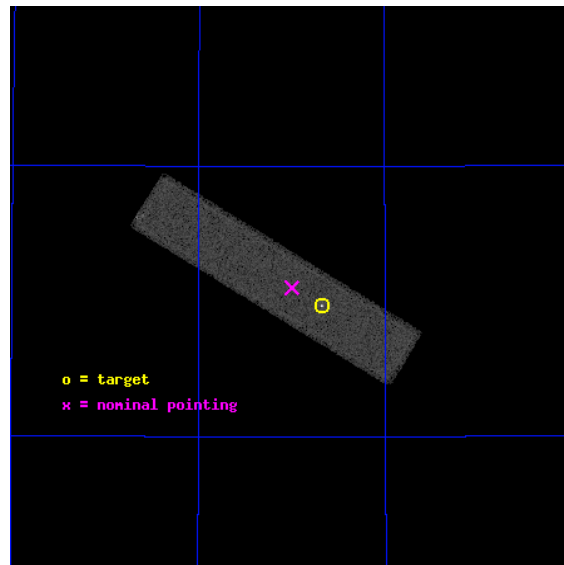
L2 Processing Date : Aug 9 2012

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1 Front

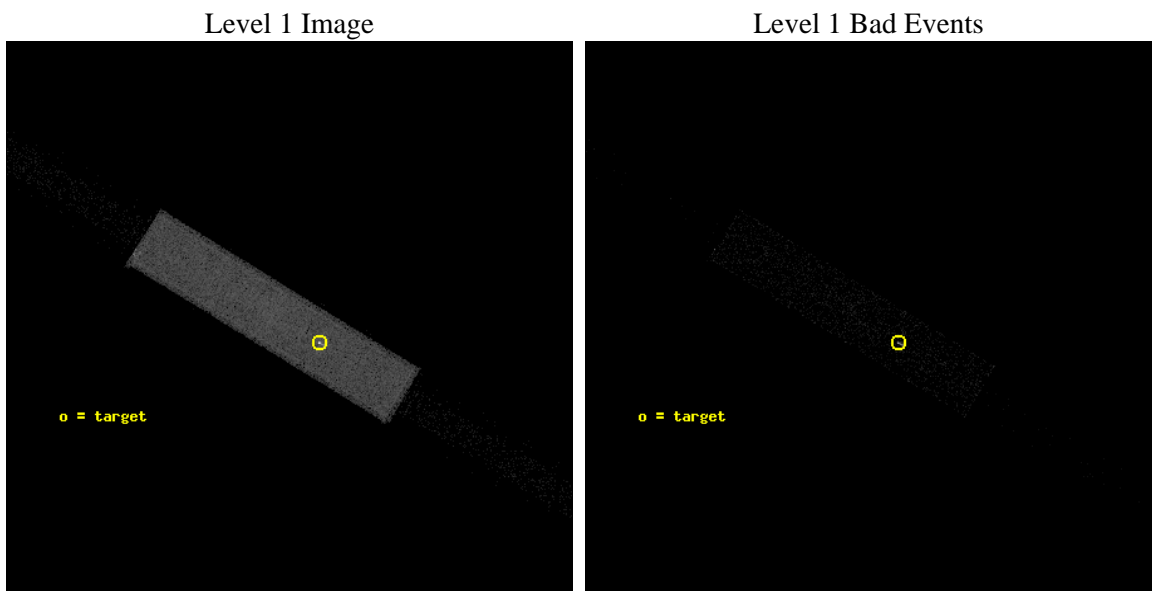
seq_num	290997	Sequence number
obs_id	13078	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24980481726	Nominal RA [deg]
dec_nom	45.775535878003	Nominal Dec [deg]
roll_nom	211.29102834818	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1153.1250604987	[s]
livetime	1145.013937283	Ontime multiplied by DTCOR
l2events	60671	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	1153.1250604987	[s]
caldbver	4.5.1.1	 	l1events	94576	Number of level 1 events
date	2012-08-10T01:50:03	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

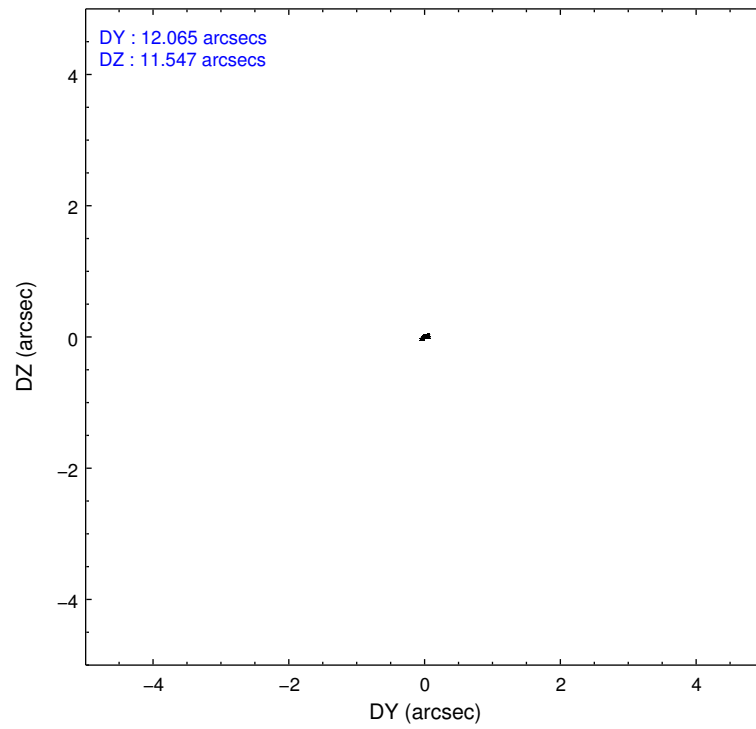
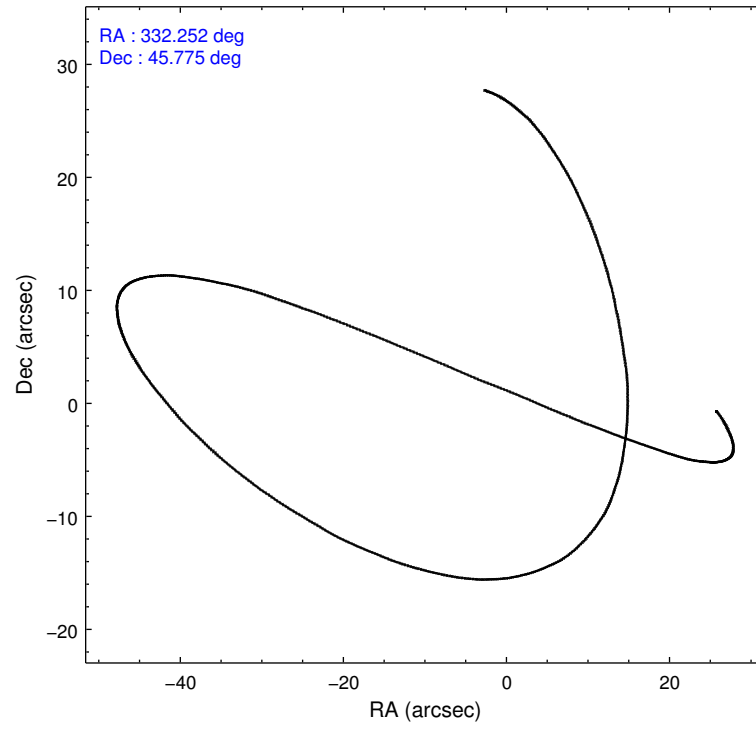
	segment 1	segment 2	segment 3
level 1 events	829	92973	774
rejected events	829	21279	774
rejected %	100%	22%	100%

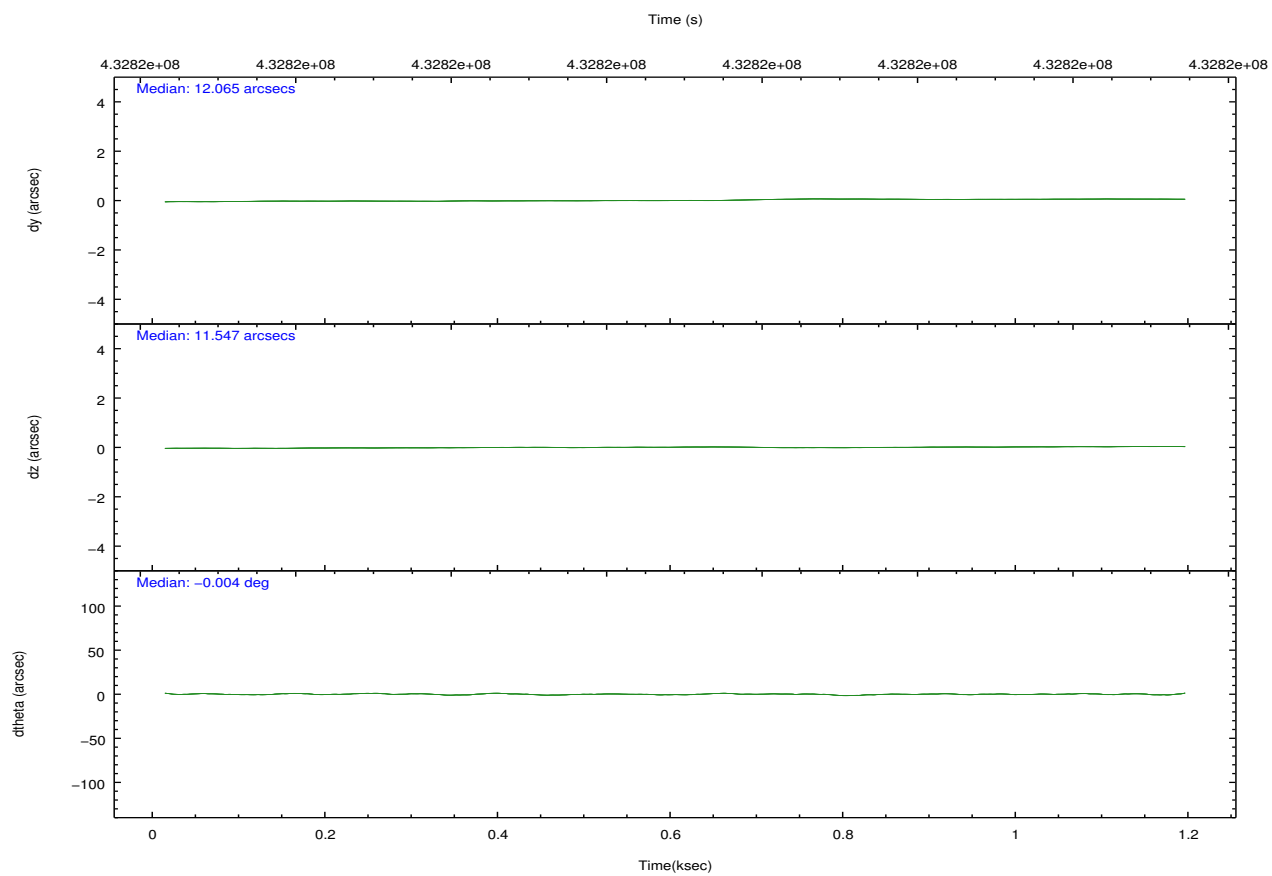
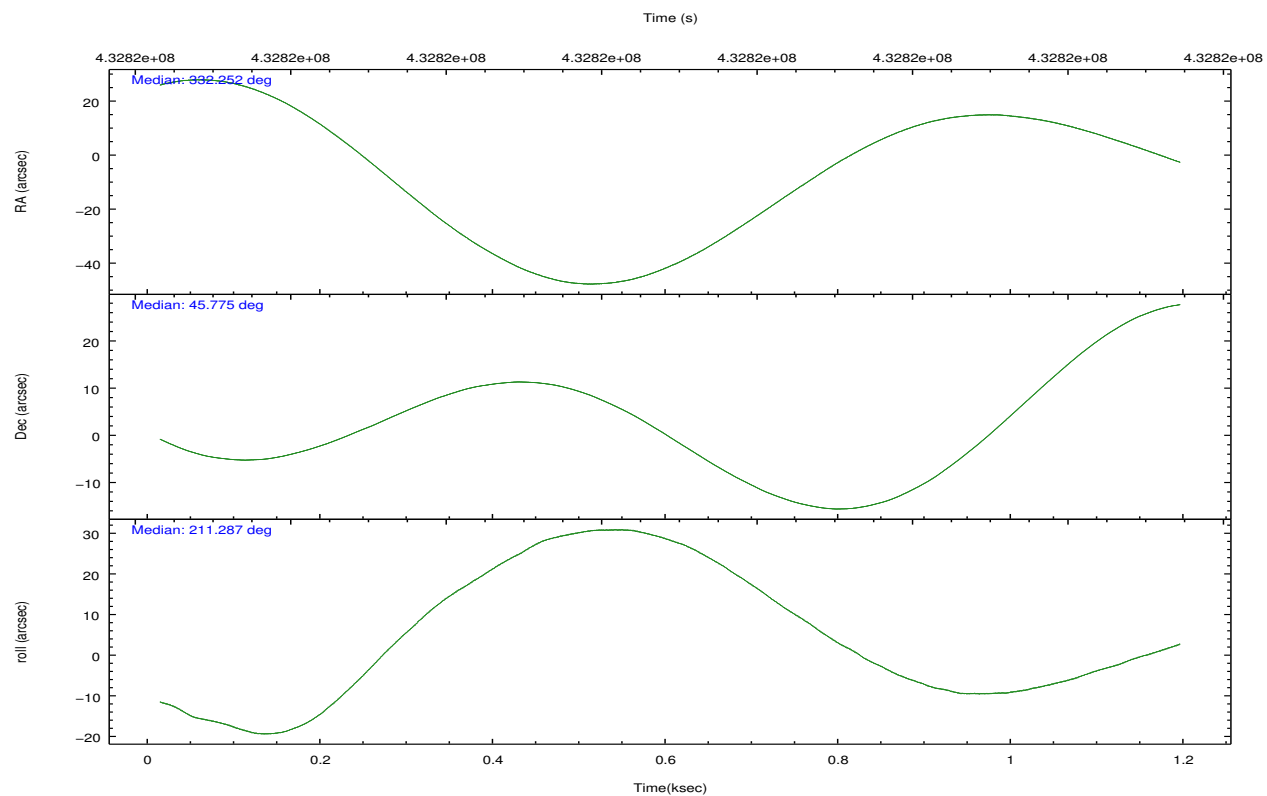
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.266825	332.2498048172564
[deg] Pointing Dec	45.801613	45.77553587800339
[deg] Pointing Roll	211.211439	211.2910283481843
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432817092.184000	432816715.60014
Observation start date	2011-09-19T10:57:06	2011-09-19T10:51:55
[s] Observation end time (MET)	432818092.184000	432818226.45022
Observation end date	2011-09-19T11:13:46	2011-09-19T11:17:06

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

2.3 Aspect



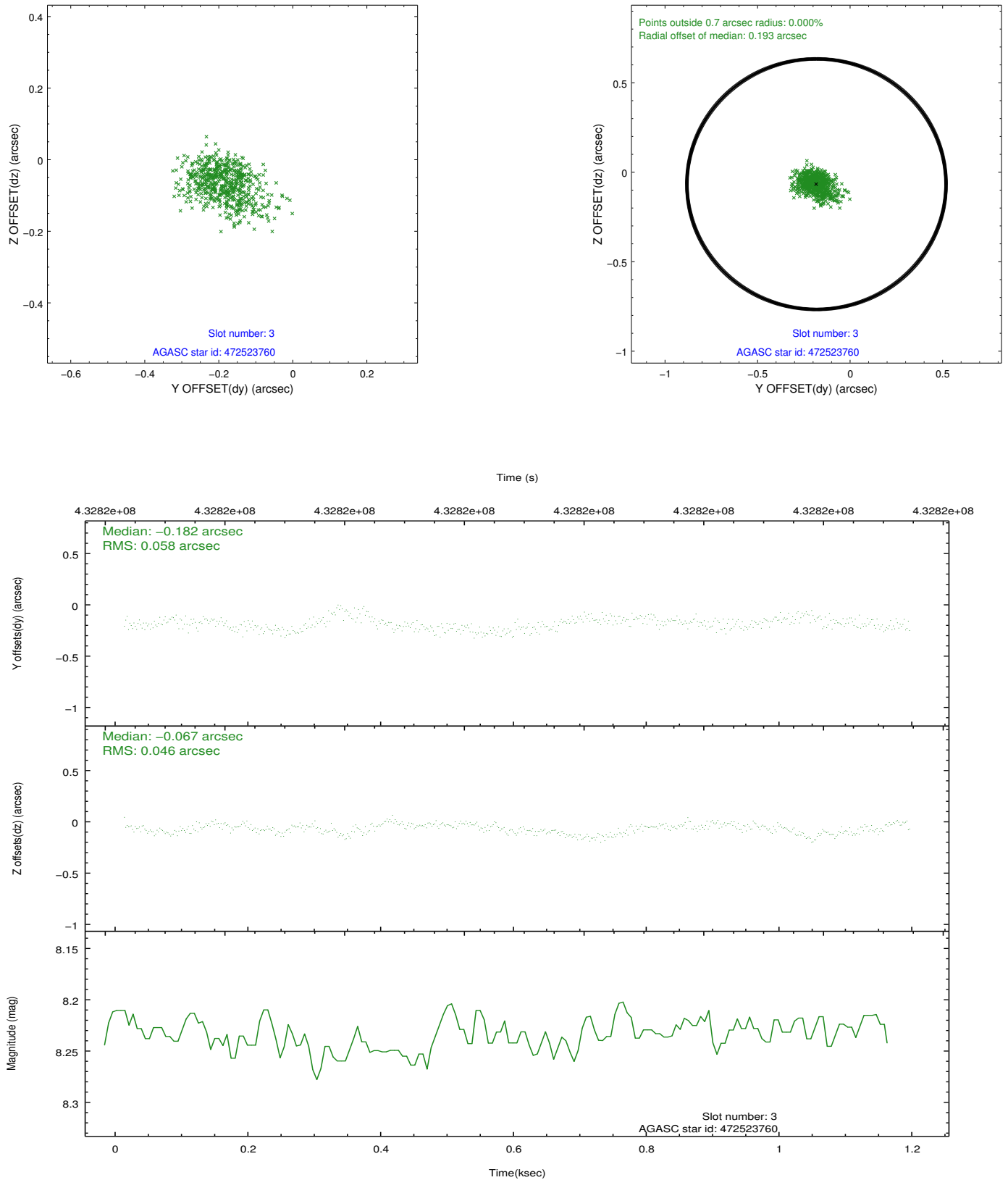


Slot Statistics

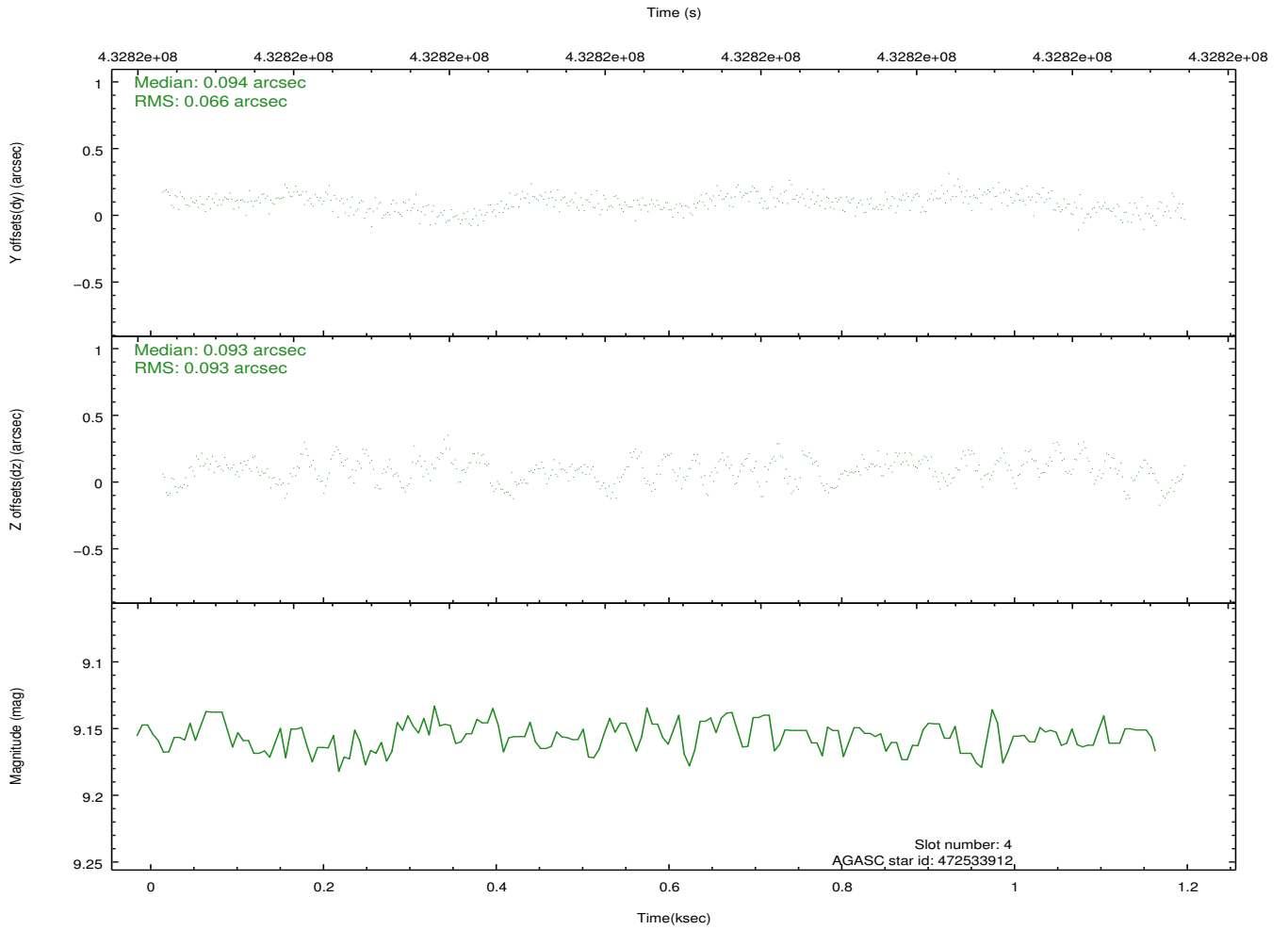
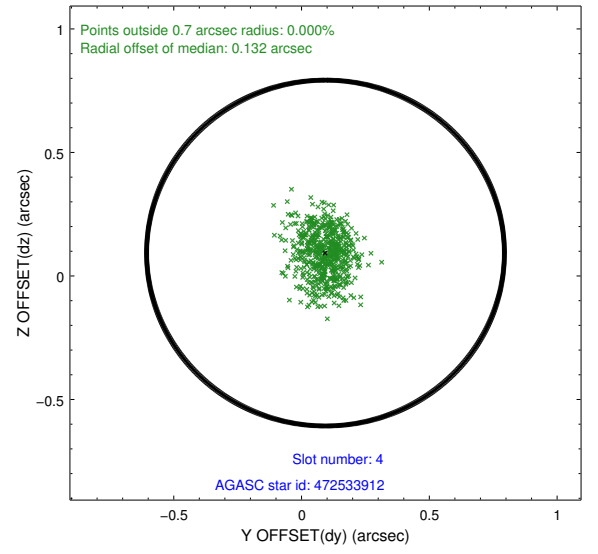
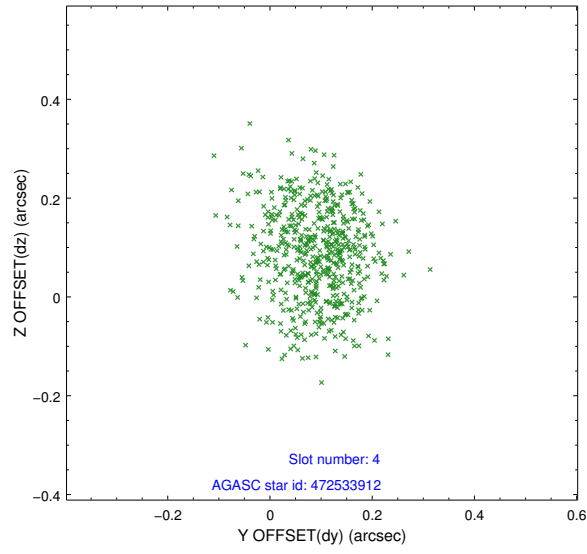
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	289	0.045	-0.125	0.007	0.010	0.000000	0.000000	-1166.43	-460.22
1	FID	HRC-S-2	6.97	289	0.290	-0.132	0.004	0.008	0.000000	0.000000	1229.44	-454.42
2	FID	HRC-S-3	6.99	289	0.055	-0.045	0.006	0.010	0.000000	0.000000	-1164.90	567.81
3	GUIDE	472523760	8.23	578	-0.182	-0.067	0.077	0.130	331.645363	45.403260	2085.35	405.76
4	GUIDE	472533912	9.16	578	0.094	0.093	0.122	0.203	331.791136	46.368695	-43.29	-2362.17
5	GUIDE	472655152	9.42	578	-0.024	-0.231	0.127	0.206	332.504239	45.862991	-622.12	112.88
6	GUIDE	472665256	9.01	577	0.027	0.105	0.097	0.151	332.808125	46.195041	-1888.97	-517.68
7	GUIDE	472663080	9.39	576	0.100	0.114	0.135	0.241	332.652741	46.473840	-2074.71	-1578.53

2.4 Star Slots

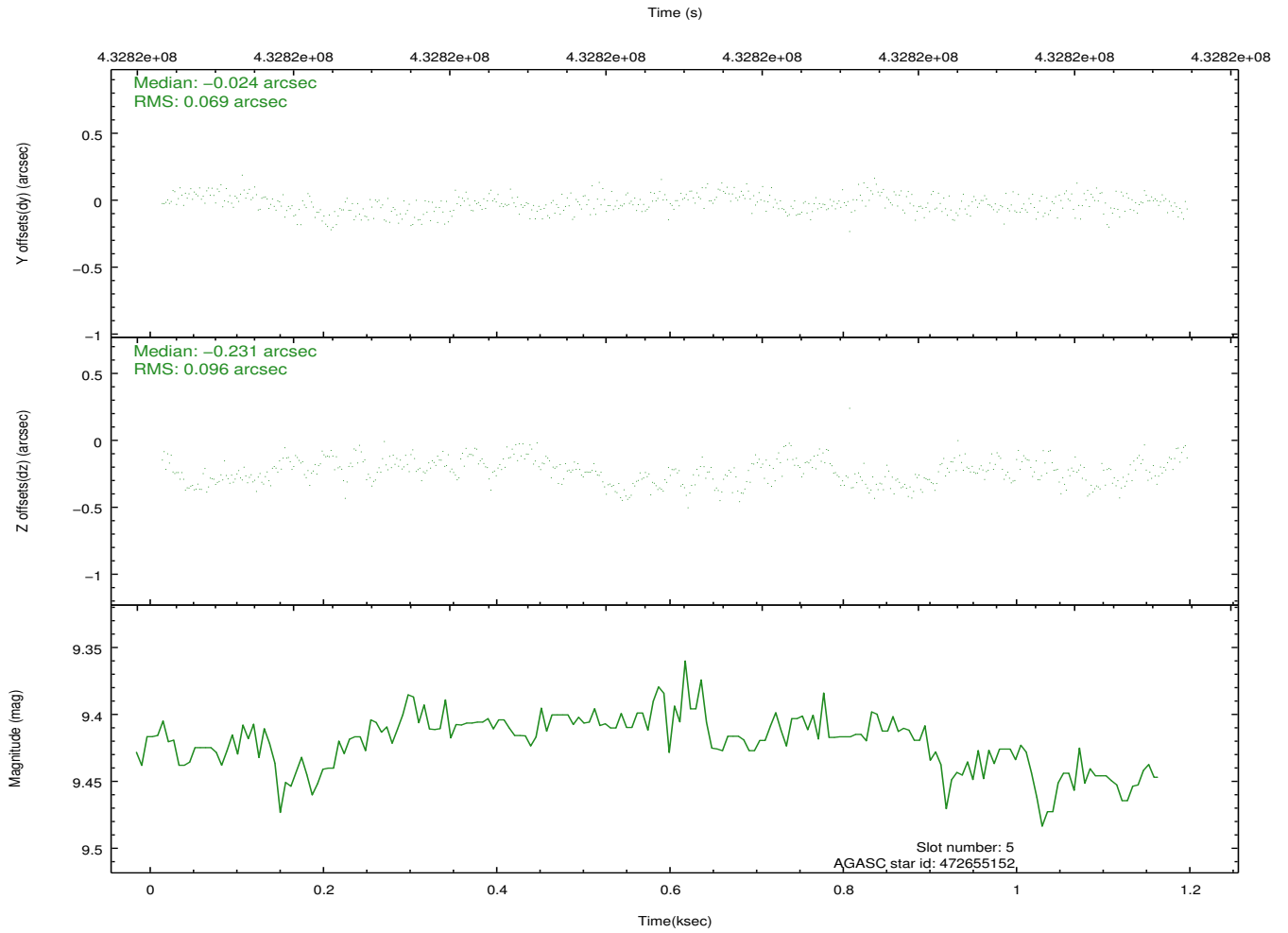
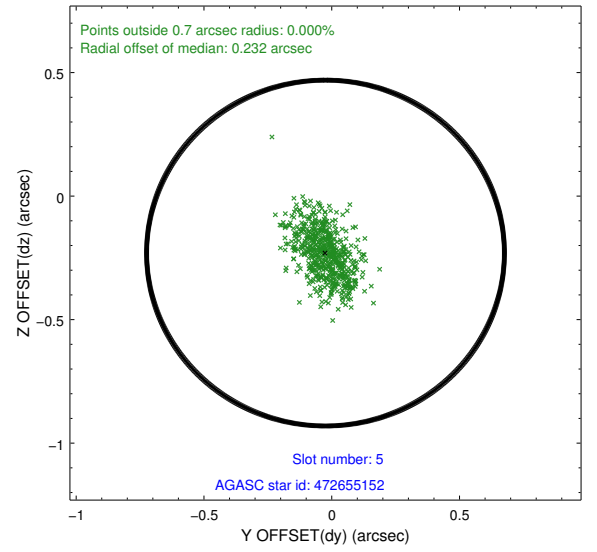
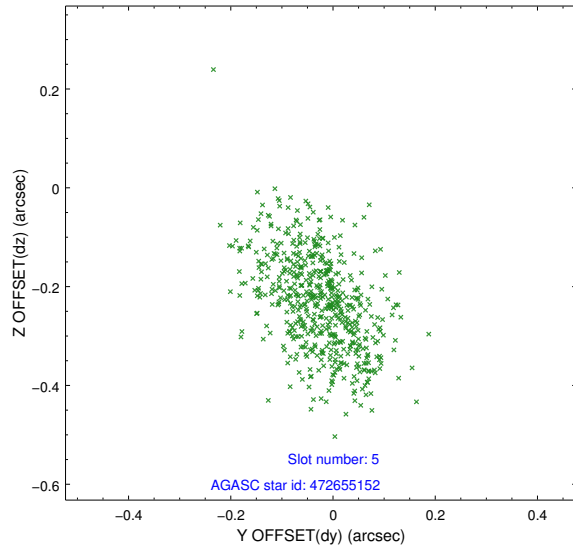
2.4.1 Slot 3



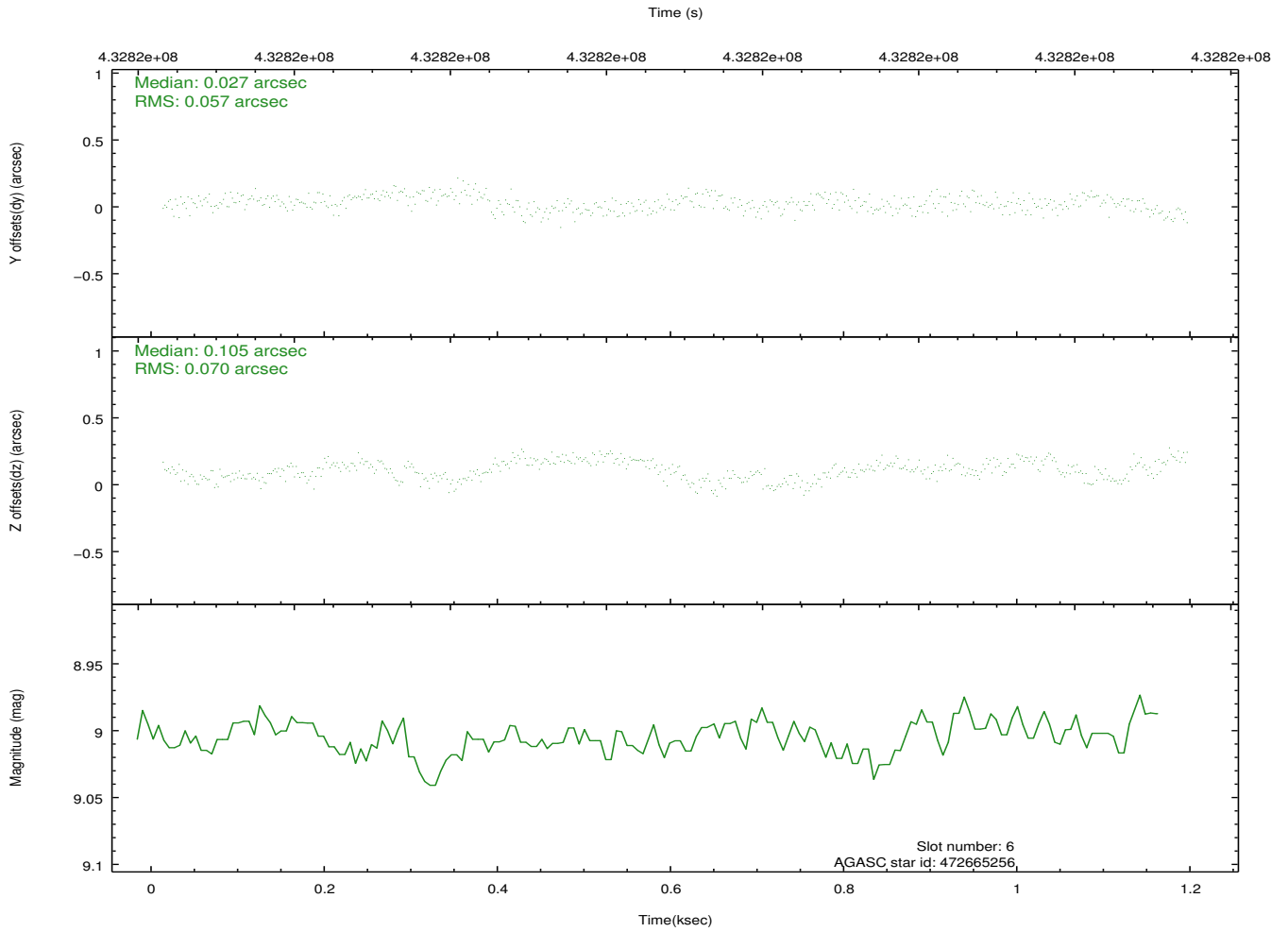
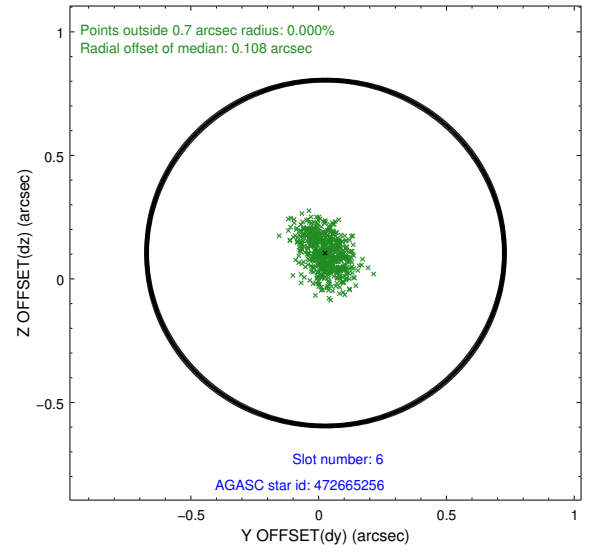
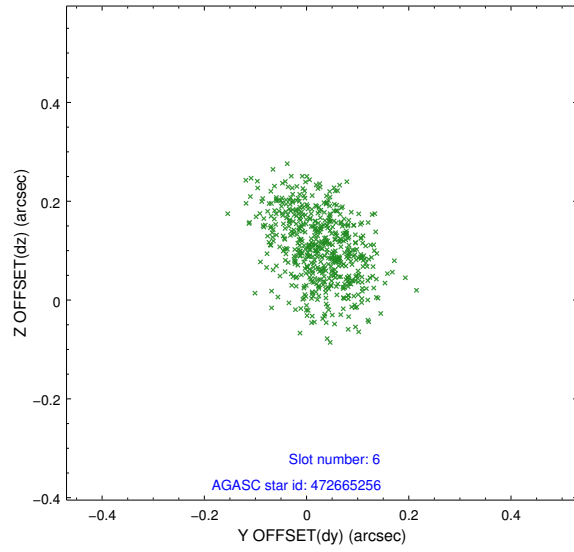
2.4.2 Slot 4



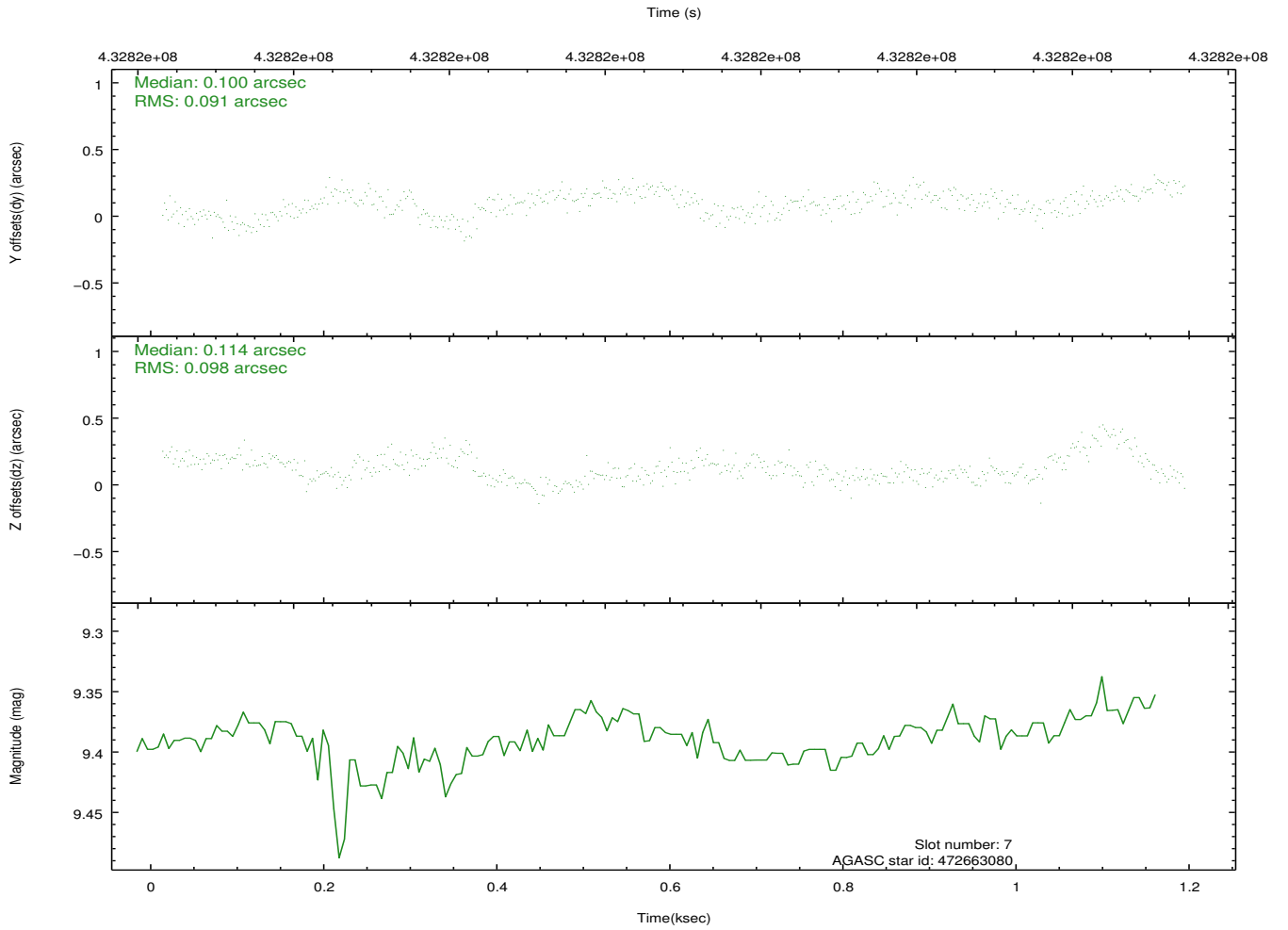
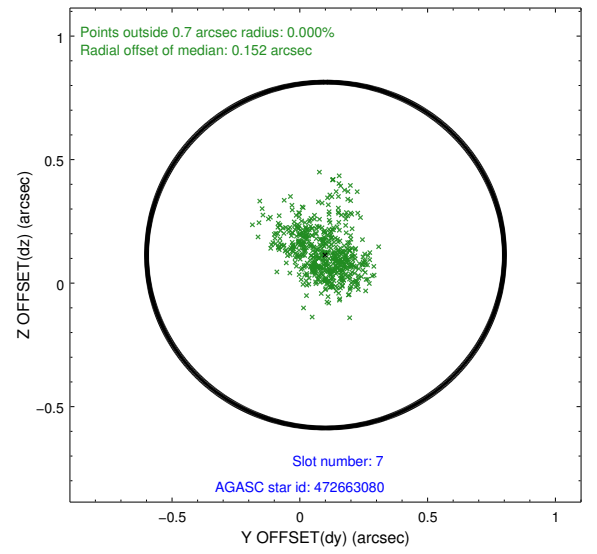
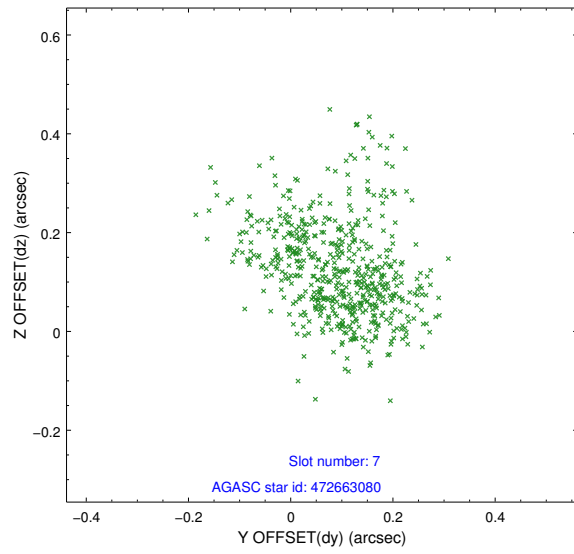
2.4.3 Slot 5



2.4.4 Slot 6

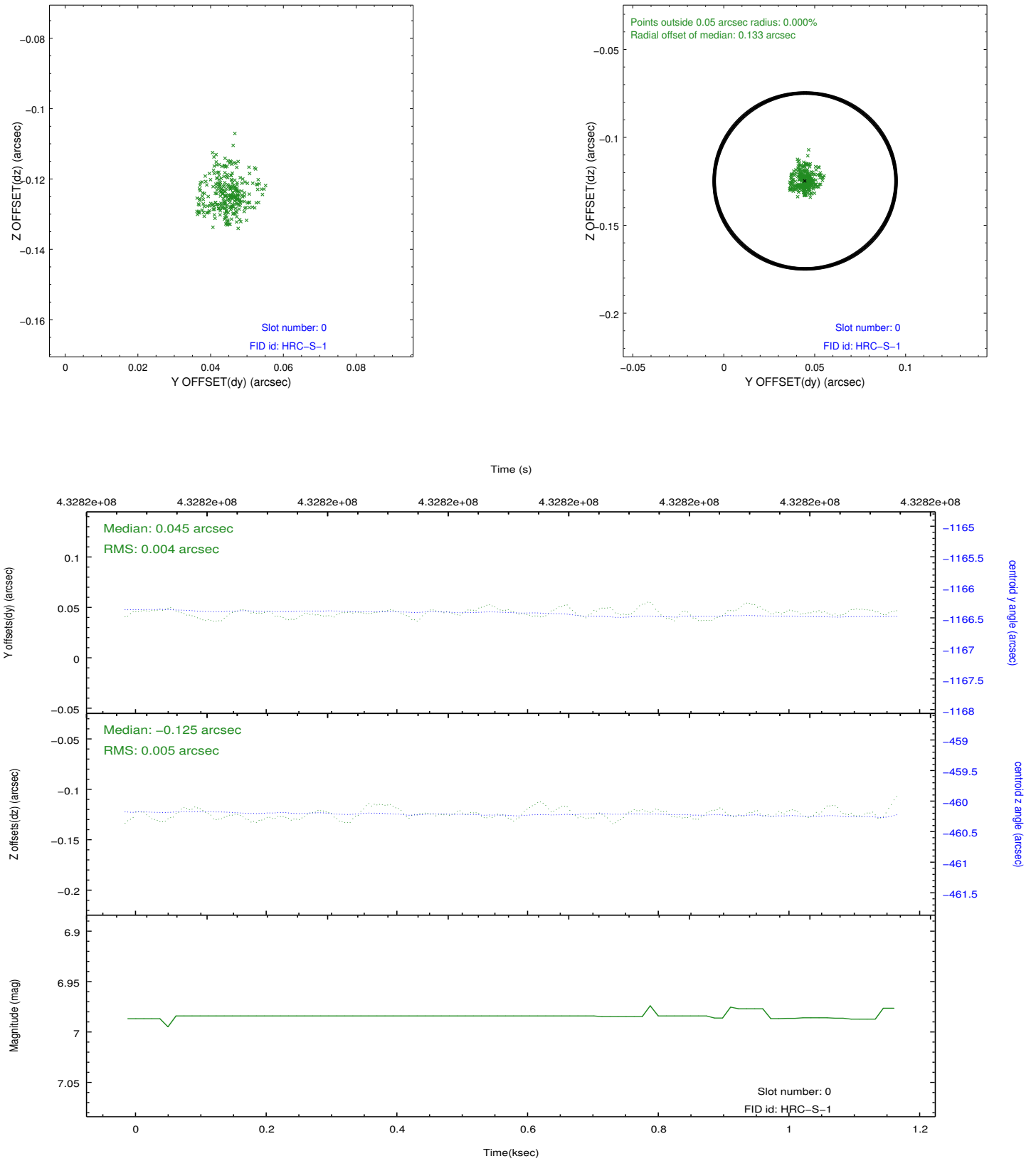


2.4.5 Slot 7

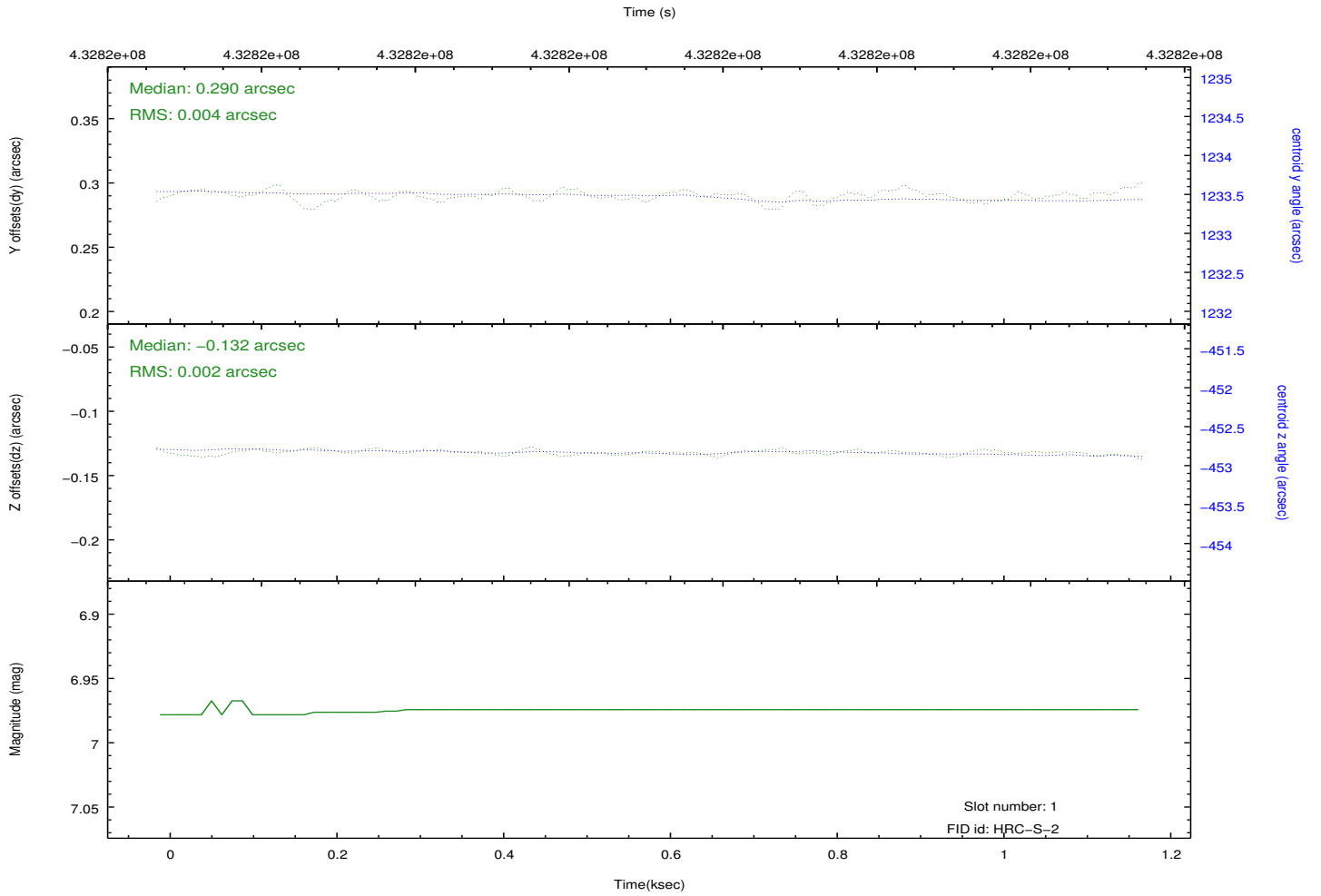
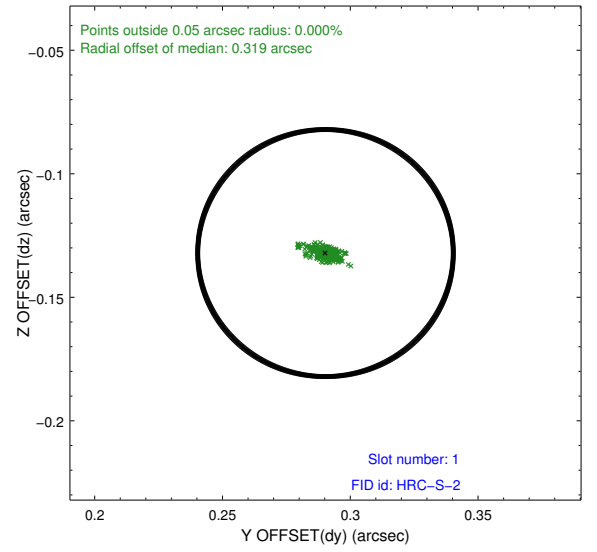
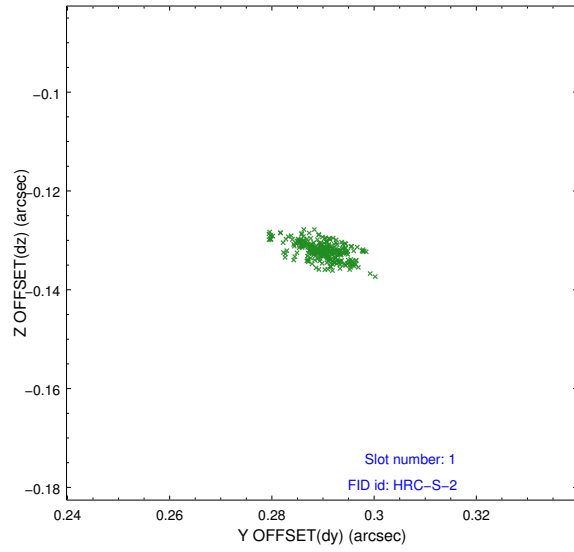


2.5 FID Slots

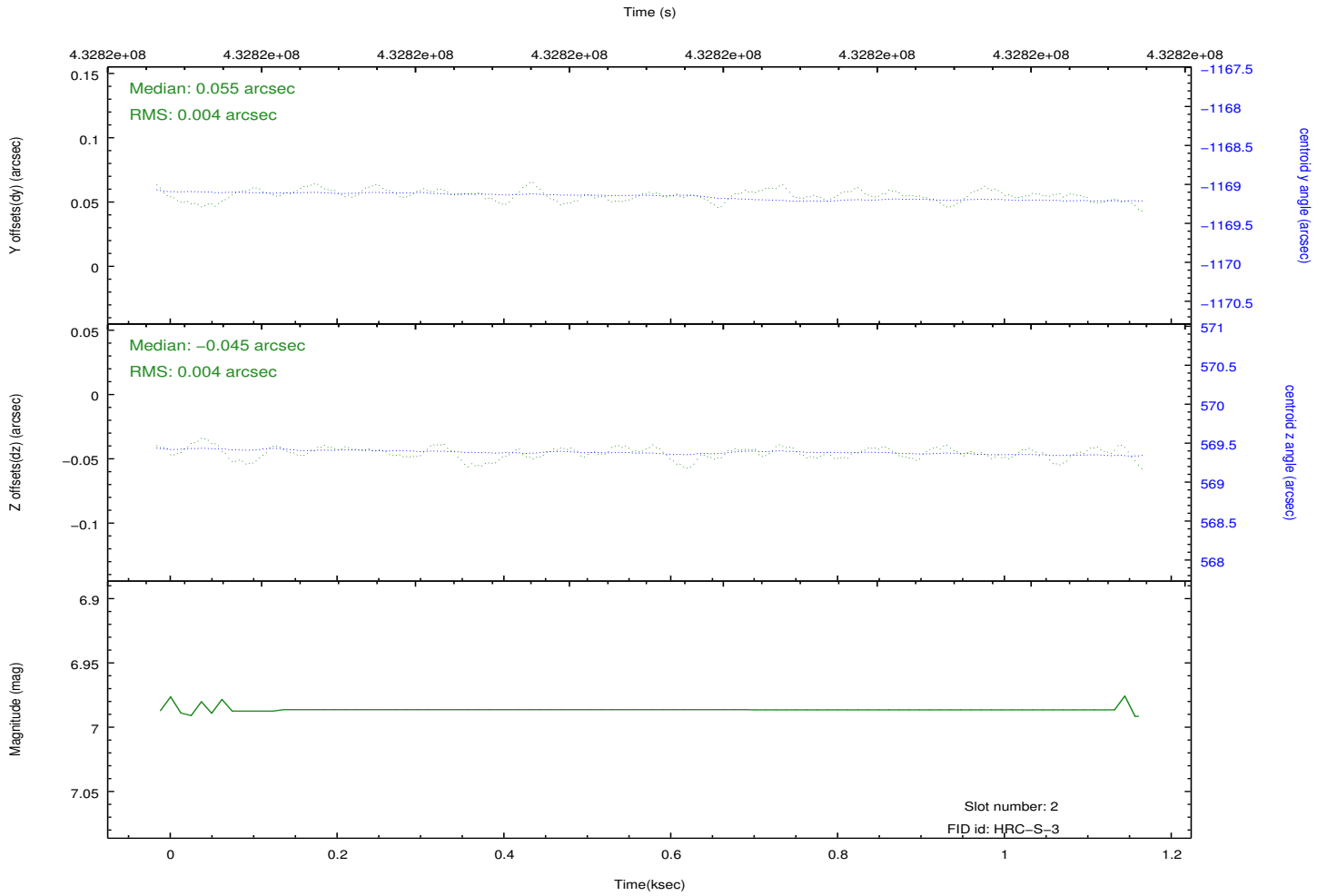
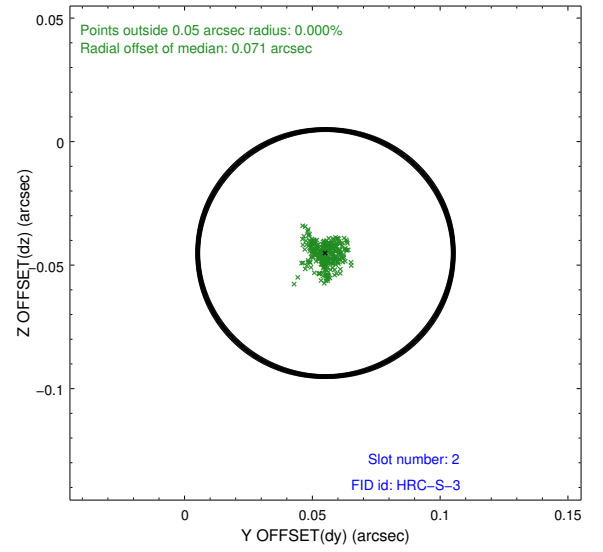
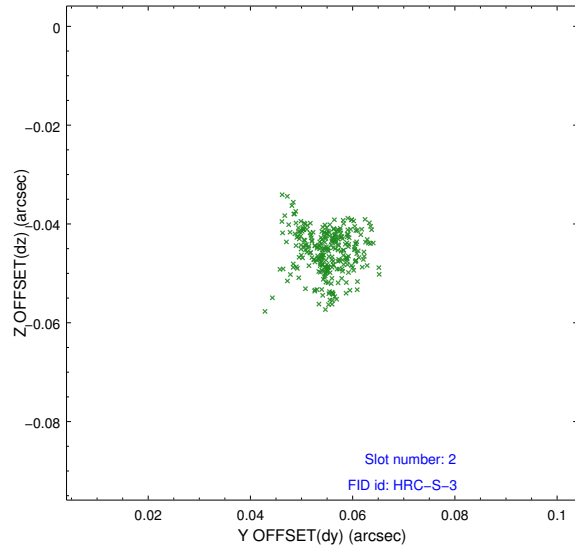
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1533813104033

A.2 Comments