

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 17356 - L2 Version 1
Chandra X-Ray Center

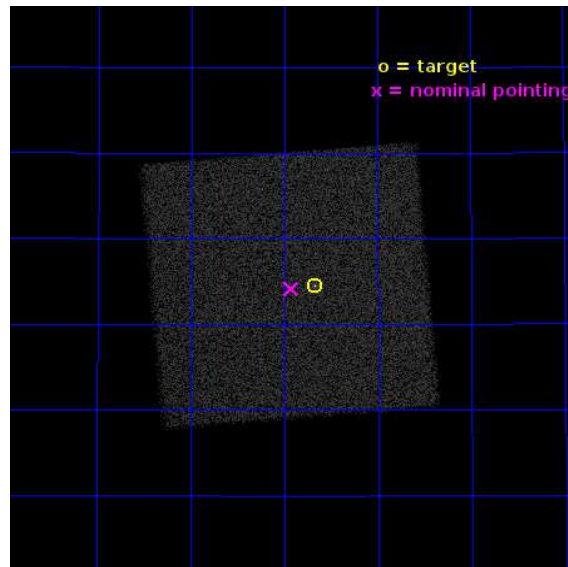
L2 Processing Date : Sep 27 2015

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1 Front

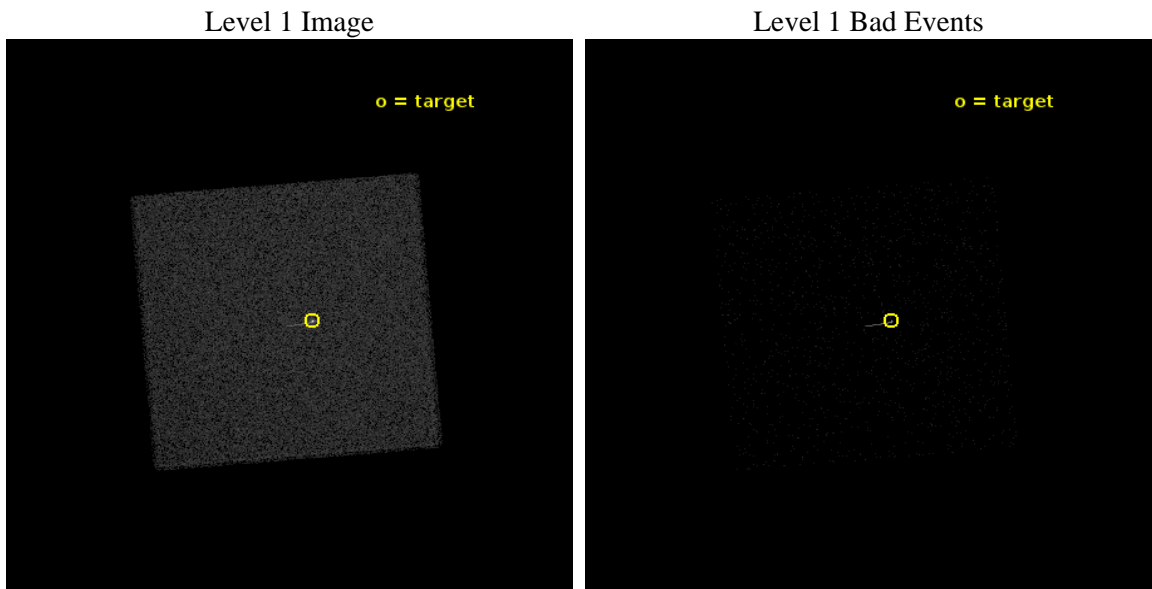
seq_num	291229	Sequence number
obs_id	17356	Observation id
title	AO-16 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23146420004	Nominal RA [deg]
dec_nom	45.736649115886	Nominal Dec [deg]
roll_nom	220.18064146466	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1184.1313170195	[s]
livetime	1173.436424115	Ontime multiplied by DTCOR
l2events	88837	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	10.4.1	Processing system revision	ontime	1184.1313170195	[s]
caldbver	4.6.8	 	l1events	149028	Number of level 1 events
date	2015-09-27T03:43:35	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

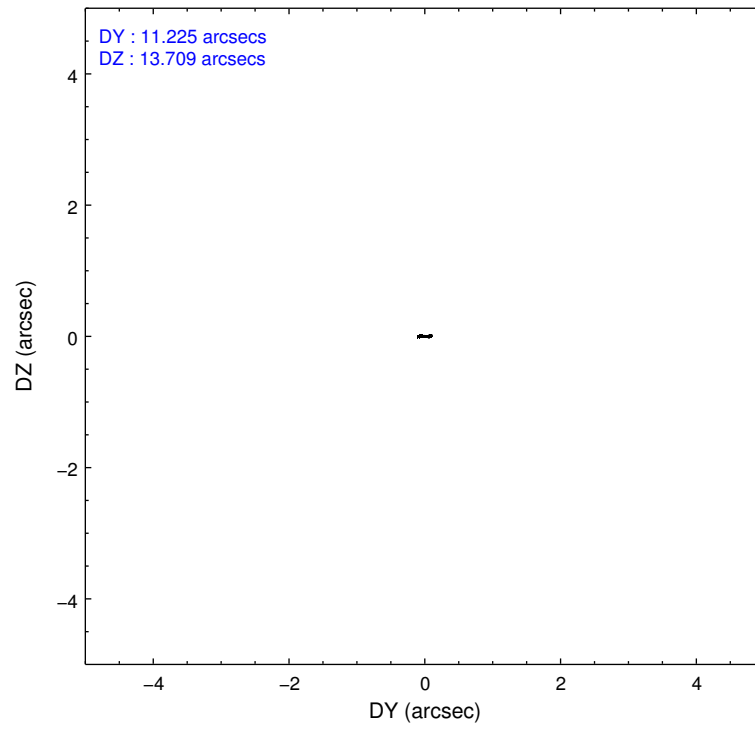
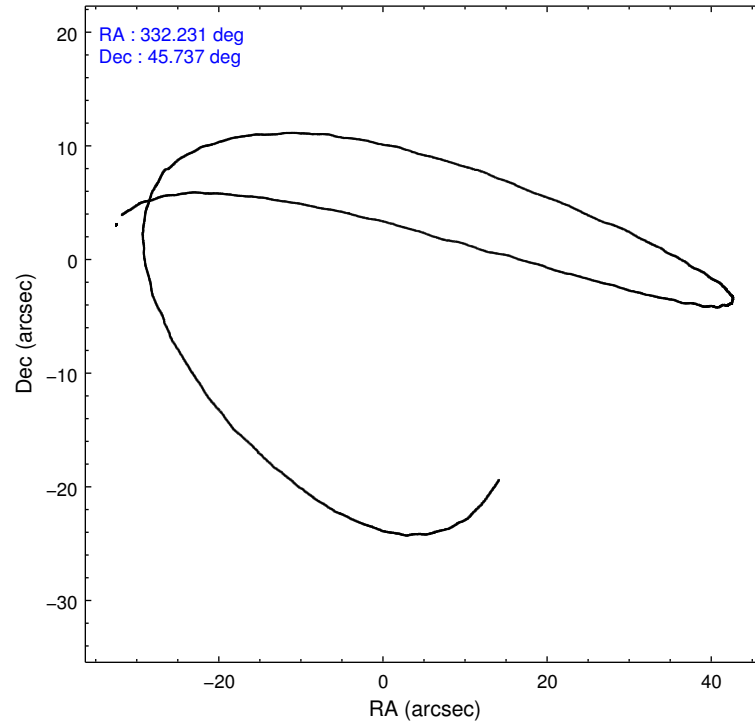
	segment 0
level 1 events	149028
rejected events	31821
rejected %	21%

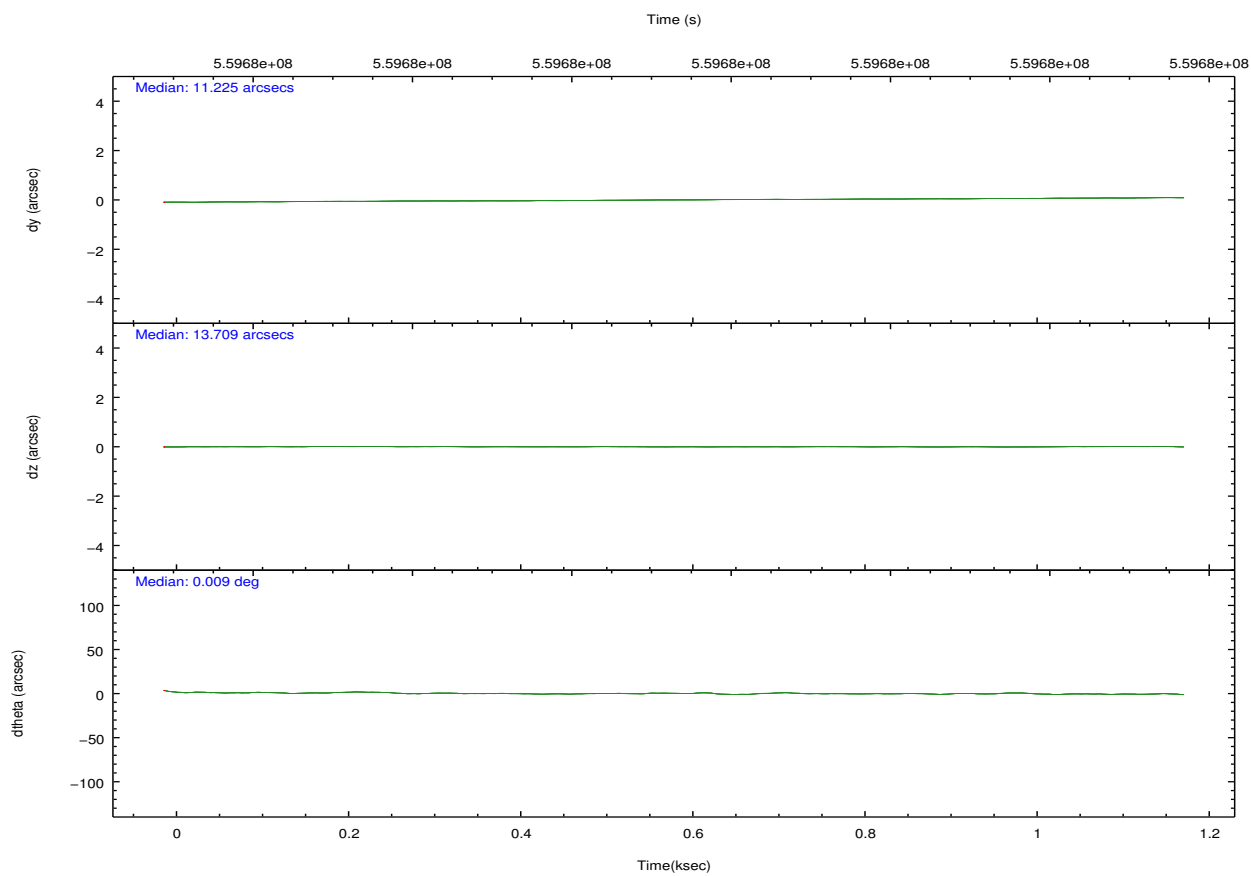
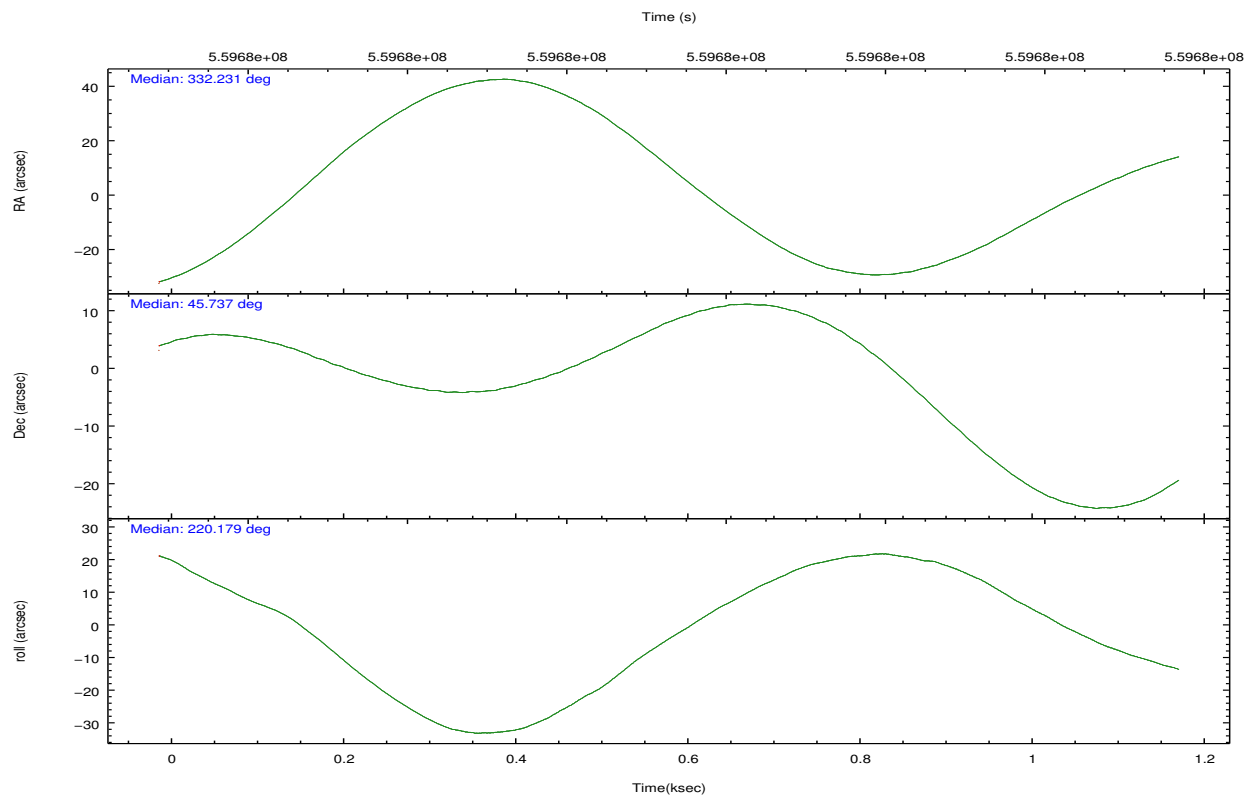
2.2 Compared Parameters

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	332.243949	332.2314642000366
[deg] Pointing Dec	45.762896	45.73664911588562
[deg] Pointing Roll	220.267145	220.1806414646555
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	559676522.184000	559676146.36886
Observation start date	2015-09-26T17:40:54	2015-09-26T17:35:46
[s] Observation end time (MET)	559677522.184000	559677656.19394
Observation end date	2015-09-26T17:57:34	2015-09-26T18:00:56

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

2.3 Aspect



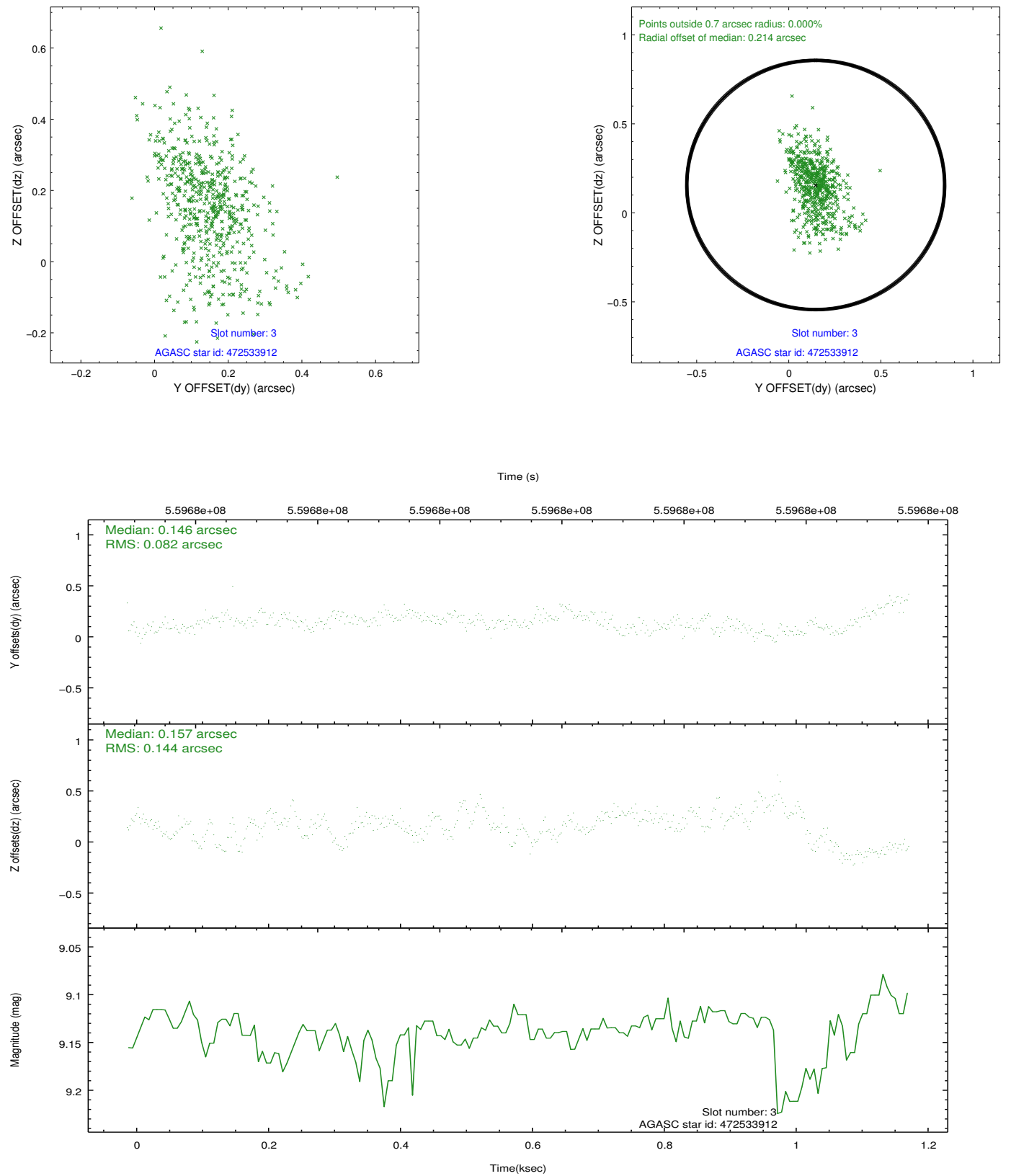


Slot Statistics

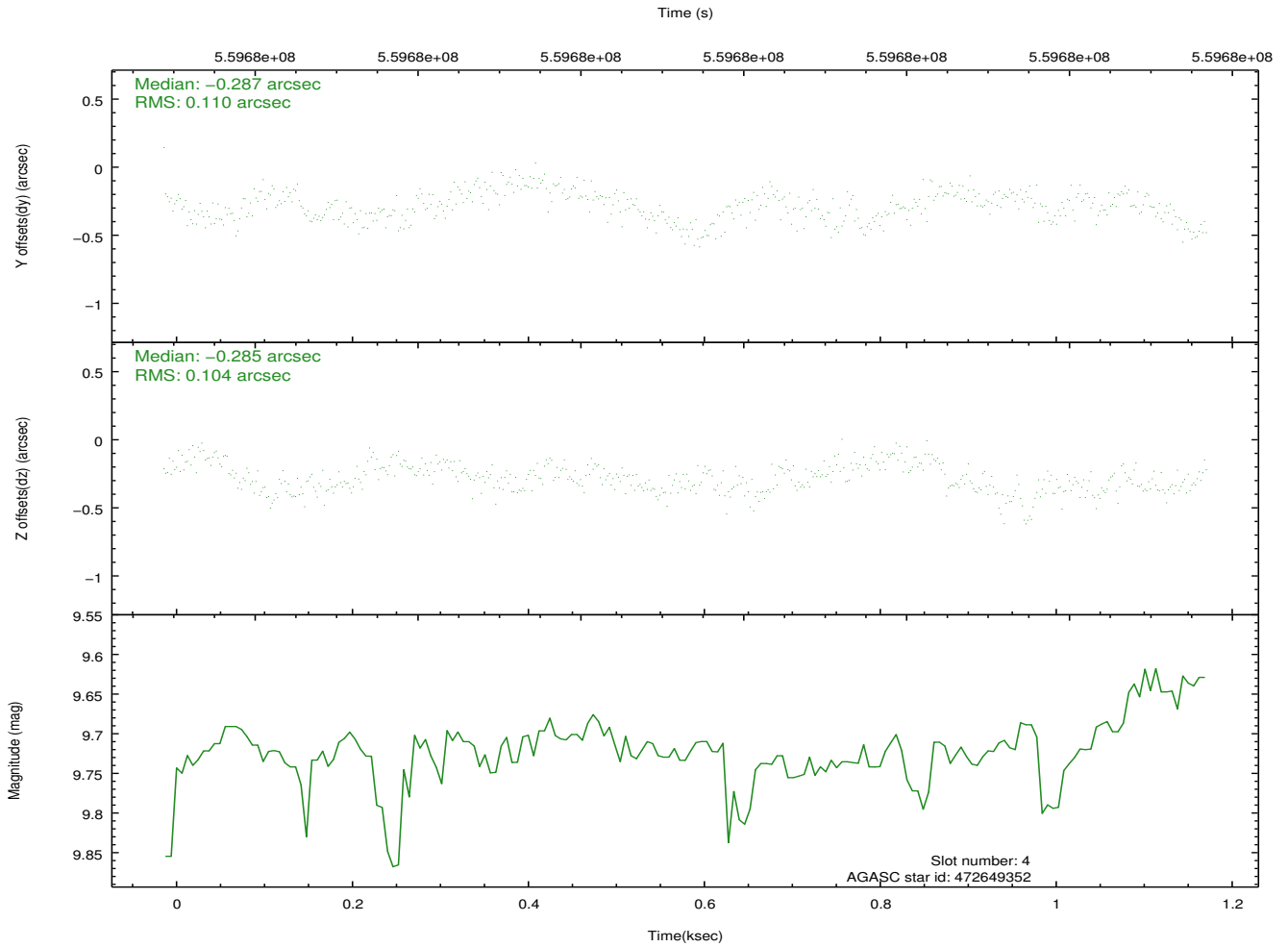
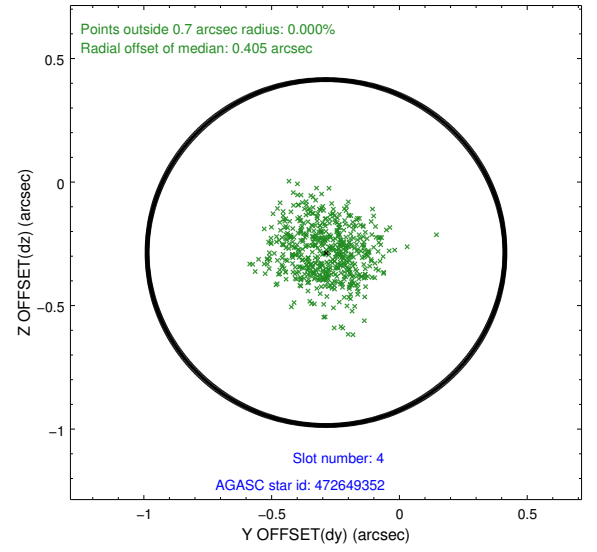
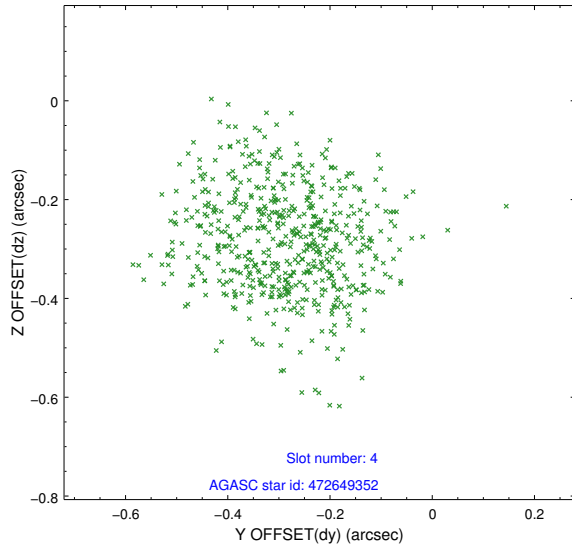
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	290	-0.129	-0.001	0.007	0.012	0.000000	0.000000	-767.05	-1301.75
1	FID		HRC-I-2	7.02	290	0.305	-0.145	0.008	0.017	0.000000	0.000000	843.37	-1307.95
2	FID		HRC-I-3	7.09	290	-0.056	0.057	0.010	0.016	0.000000	0.000000	-1192.55	998.36
3	GUIDE	used	472533912	9.14	579	0.146	0.157	0.171	0.311	331.791136	46.368695	-553.71	-2394.06
4	GUIDE	used	472649352	9.72	579	-0.287	-0.285	0.167	0.253	332.034169	45.325407	1420.90	853.05
5	GUIDE	used	472654568	9.38	579	-0.065	0.074	0.142	0.242	332.194449	45.063576	1725.11	1840.63
6	GUIDE	used	472655152	9.38	579	0.094	-0.202	0.249	0.542	332.504239	45.862991	-728.94	148.54
7	GUIDE	used	472665256	9.00	578	0.113	0.255	0.116	0.298	332.808125	46.195041	-2083.16	-282.32

2.4 Star Slots

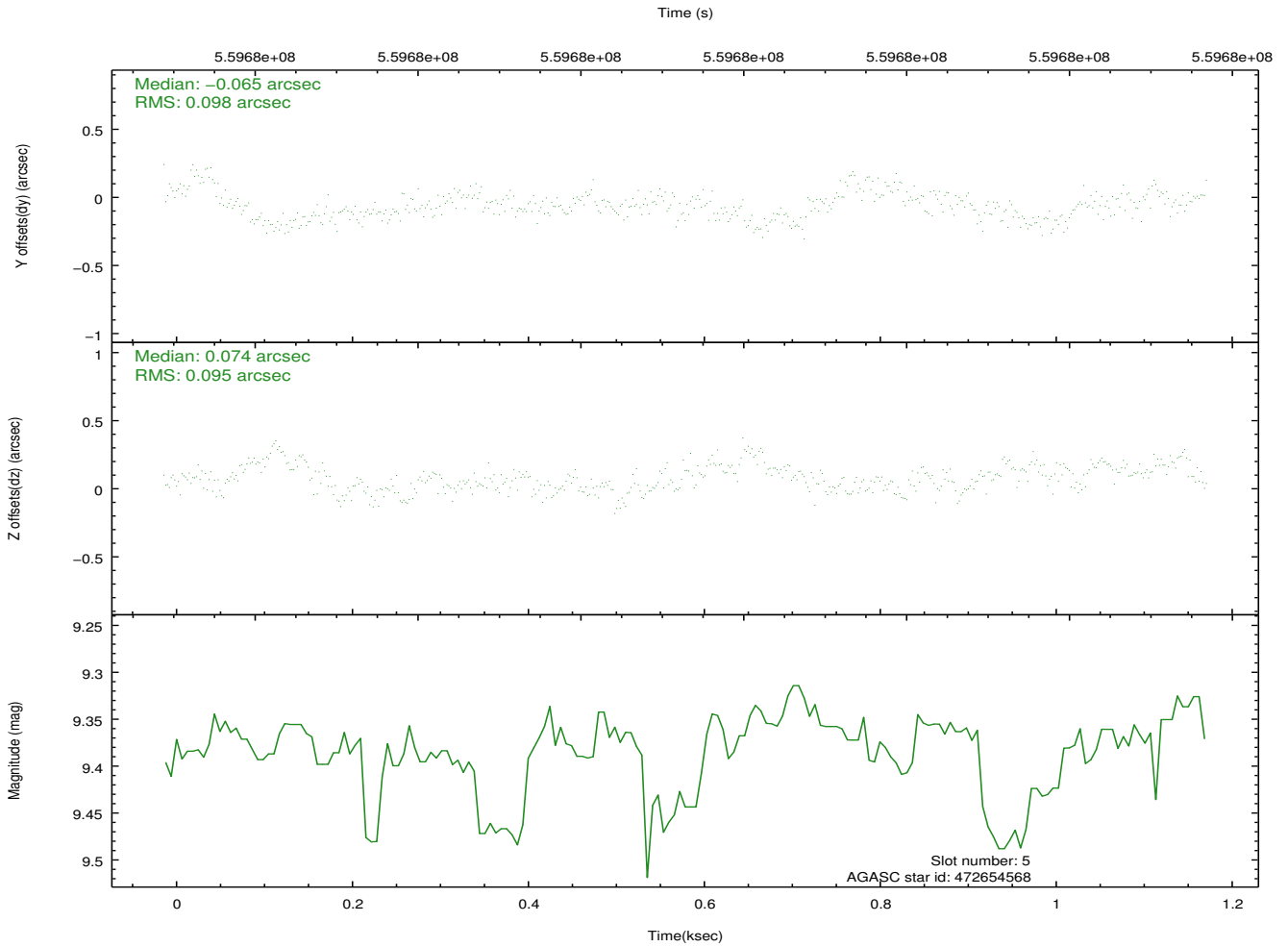
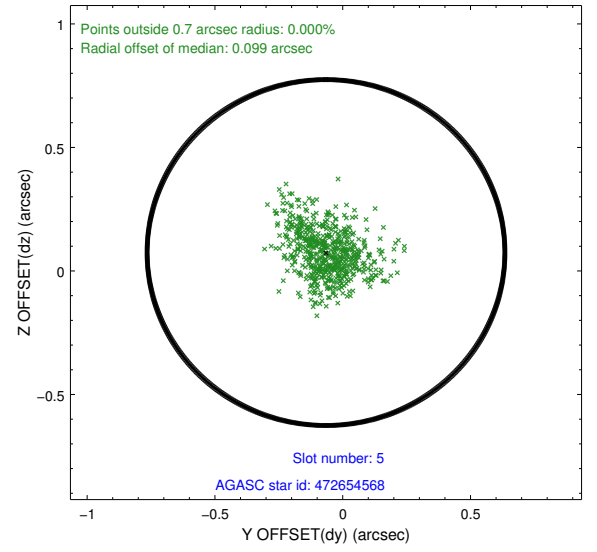
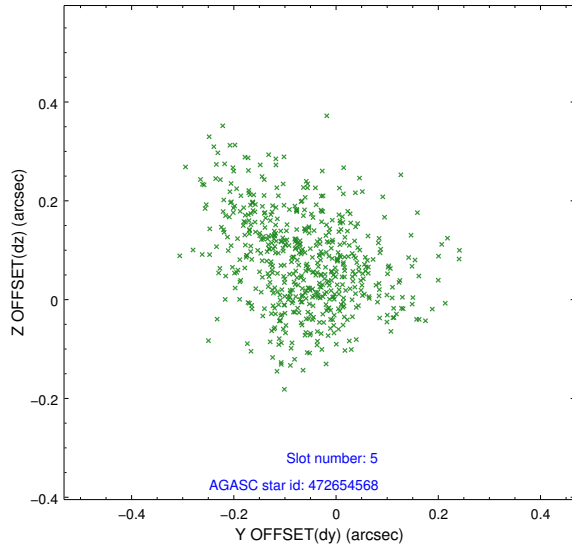
2.4.1 Slot 3



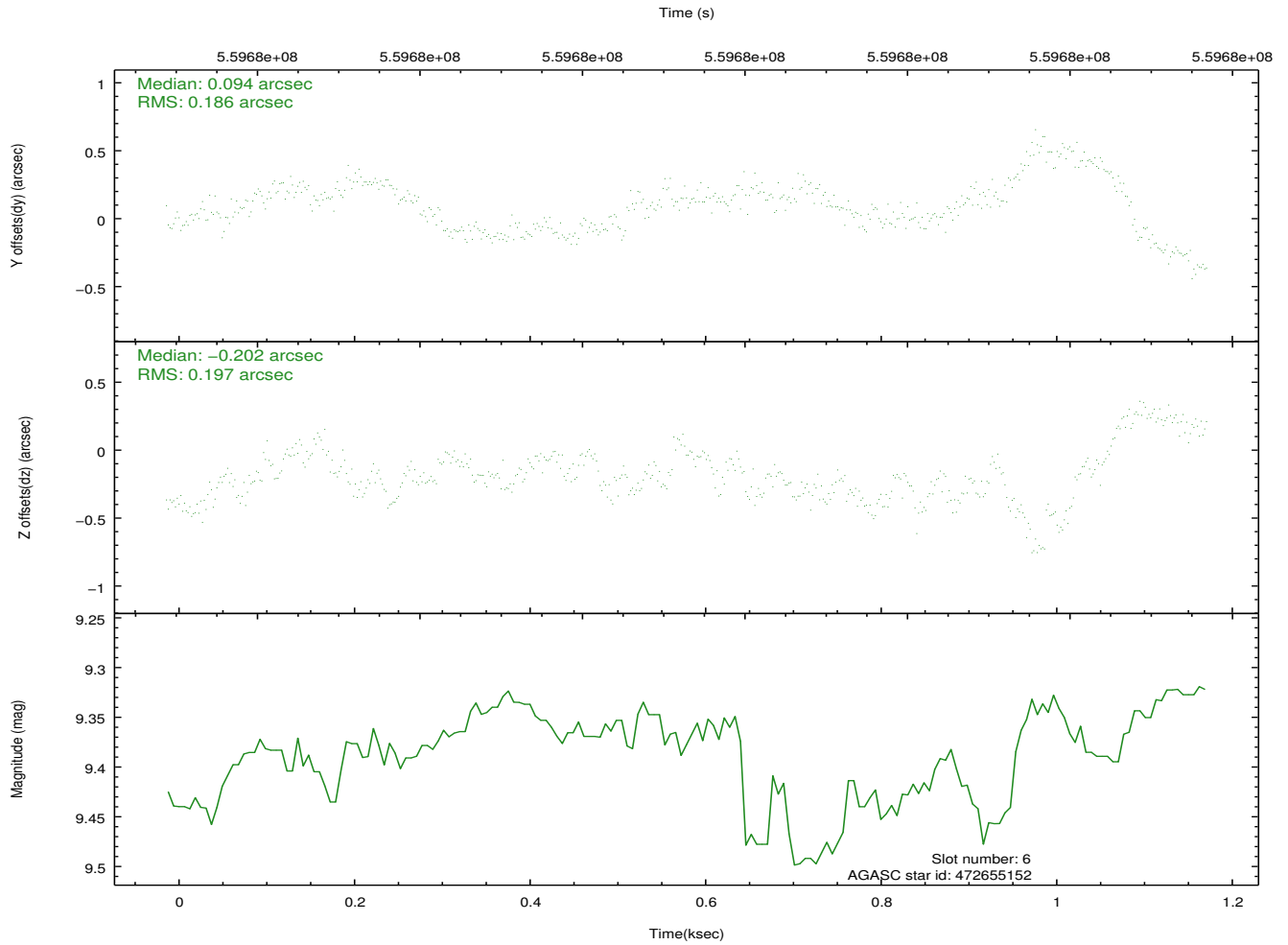
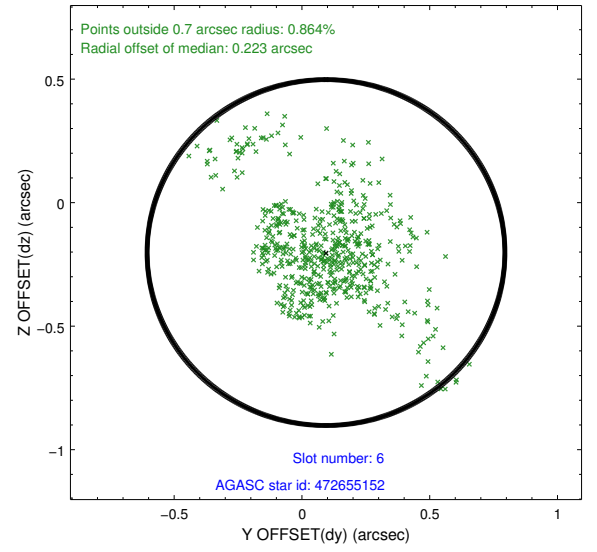
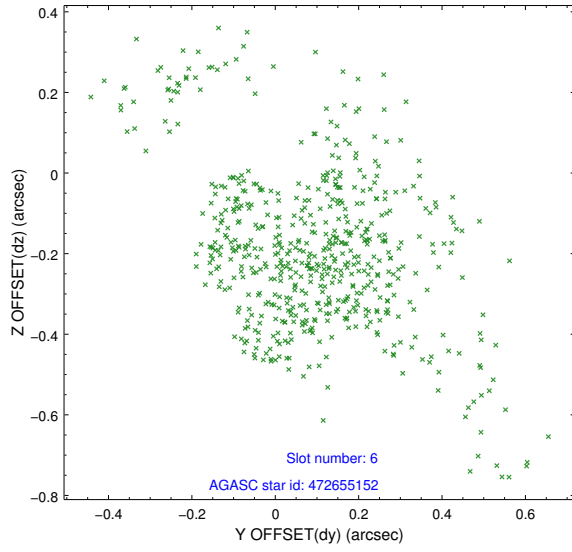
2.4.2 Slot 4



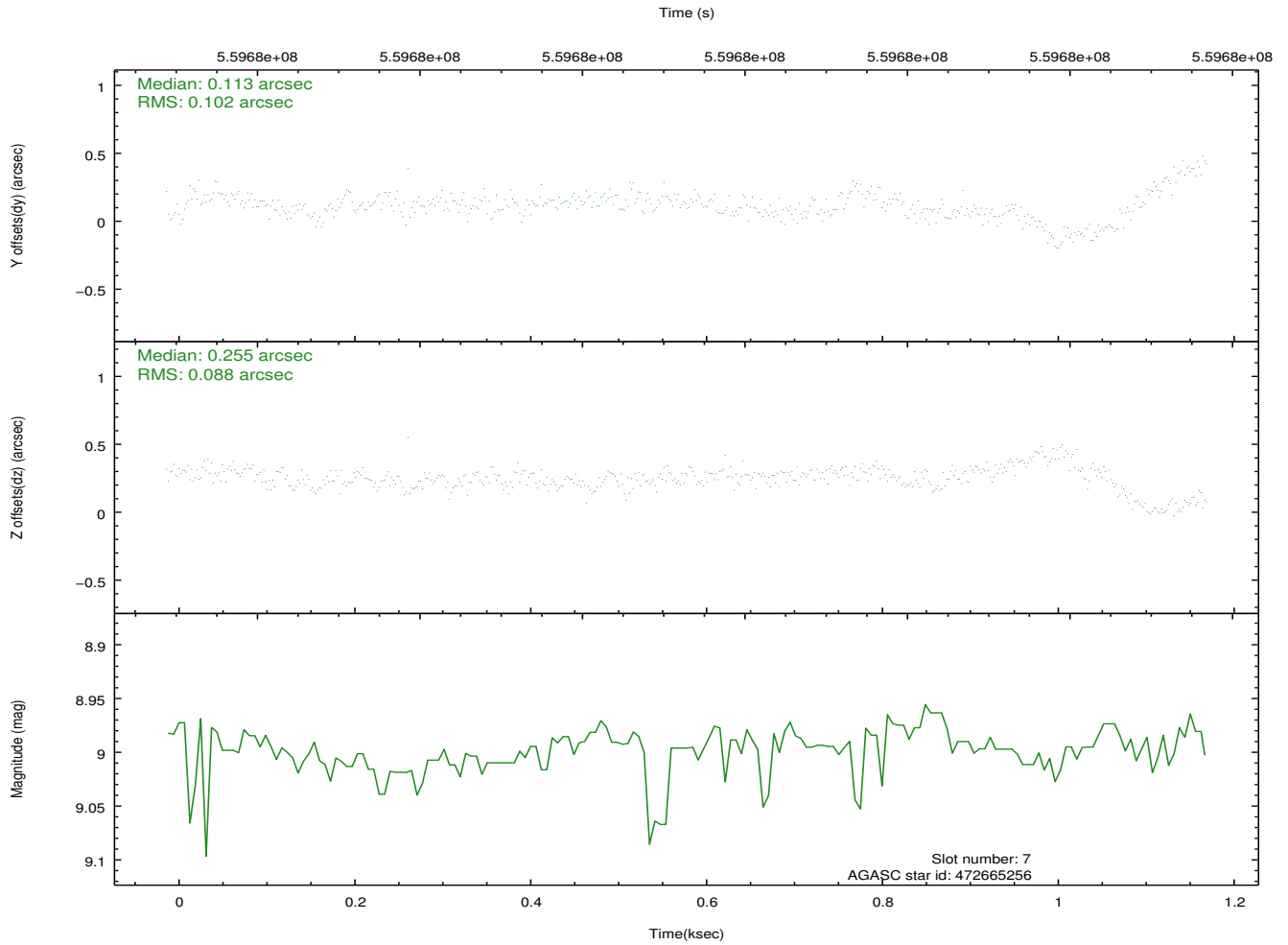
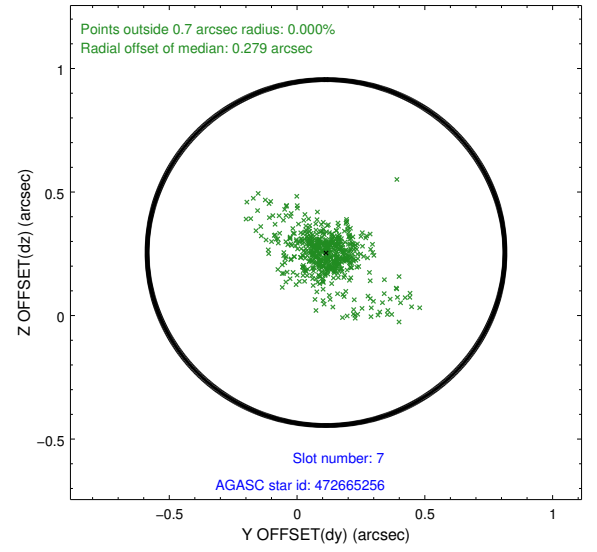
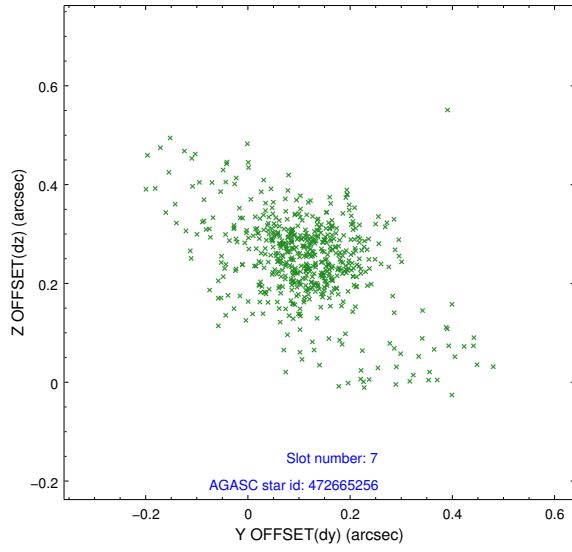
2.4.3 Slot 5



2.4.4 Slot 6

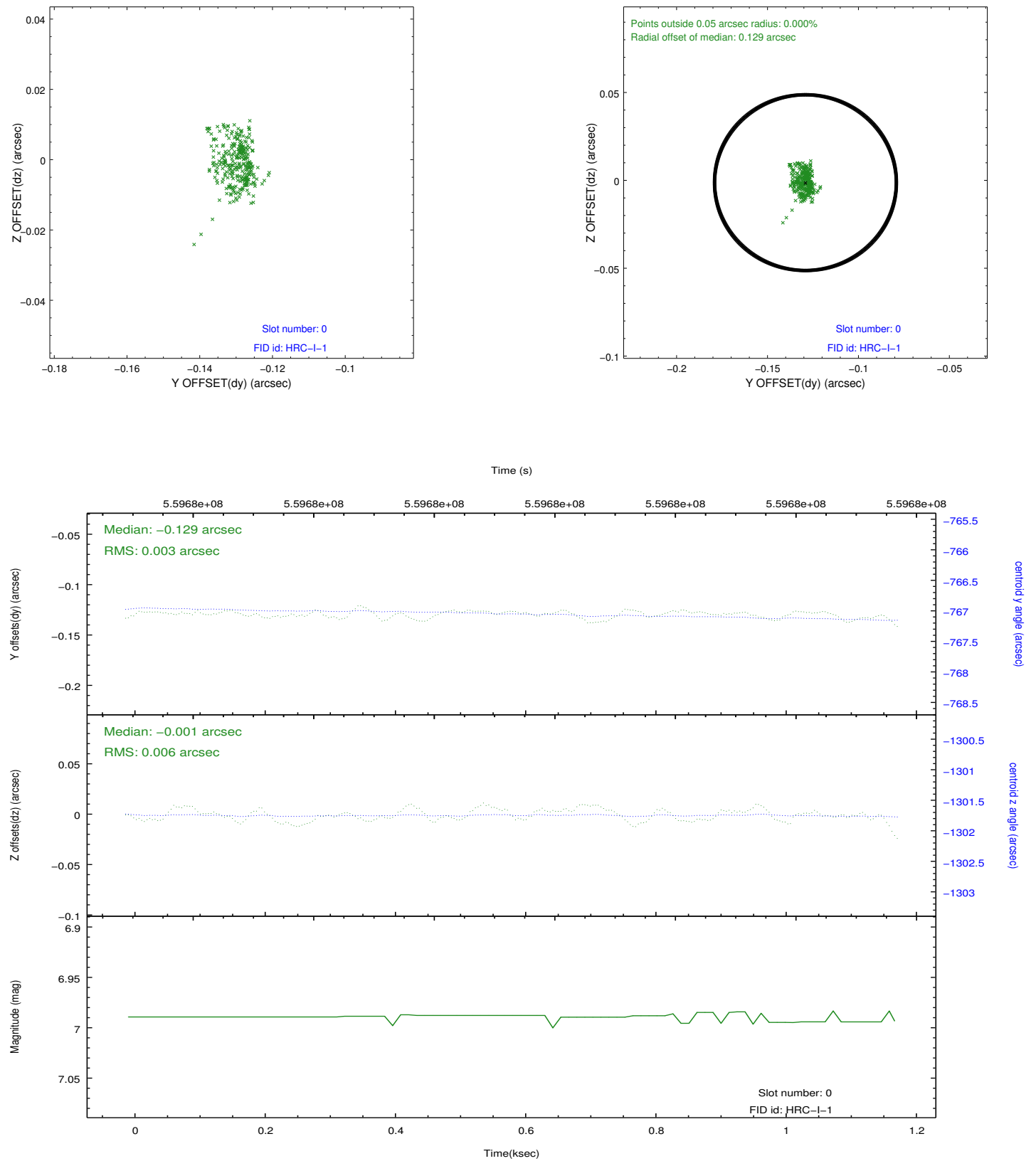


2.4.5 Slot 7

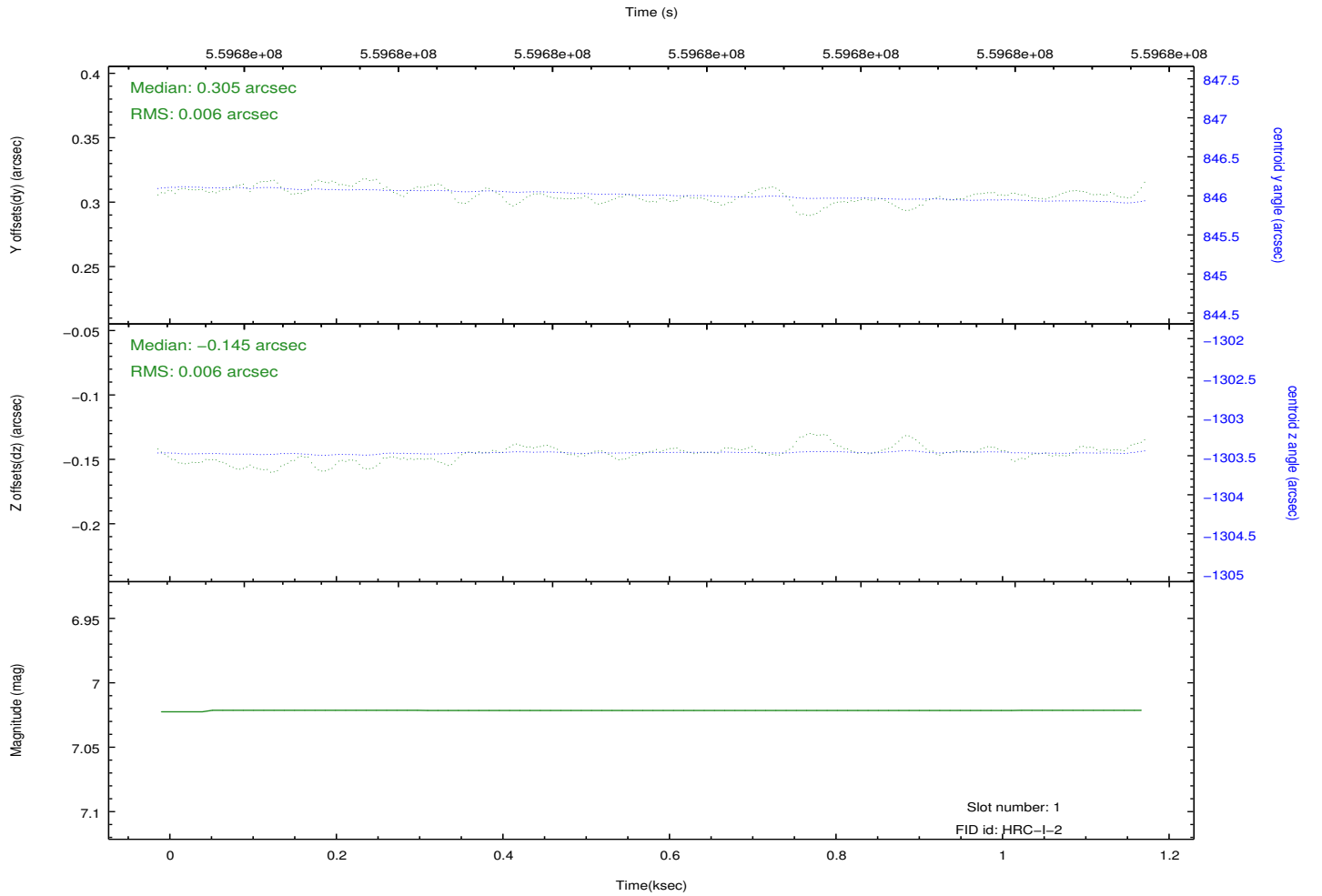
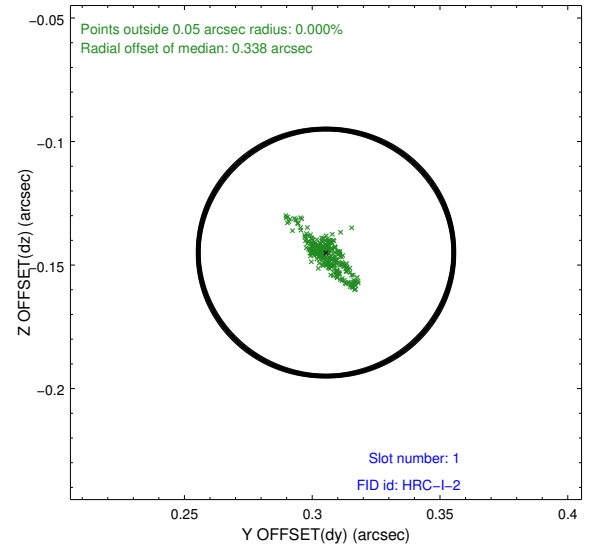
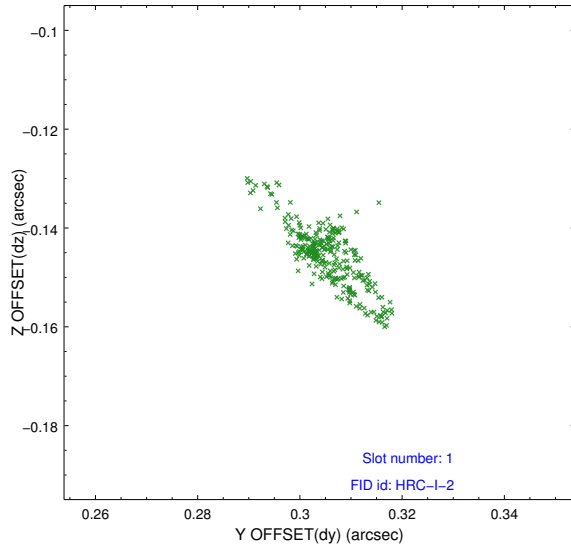


2.5 FID Slots

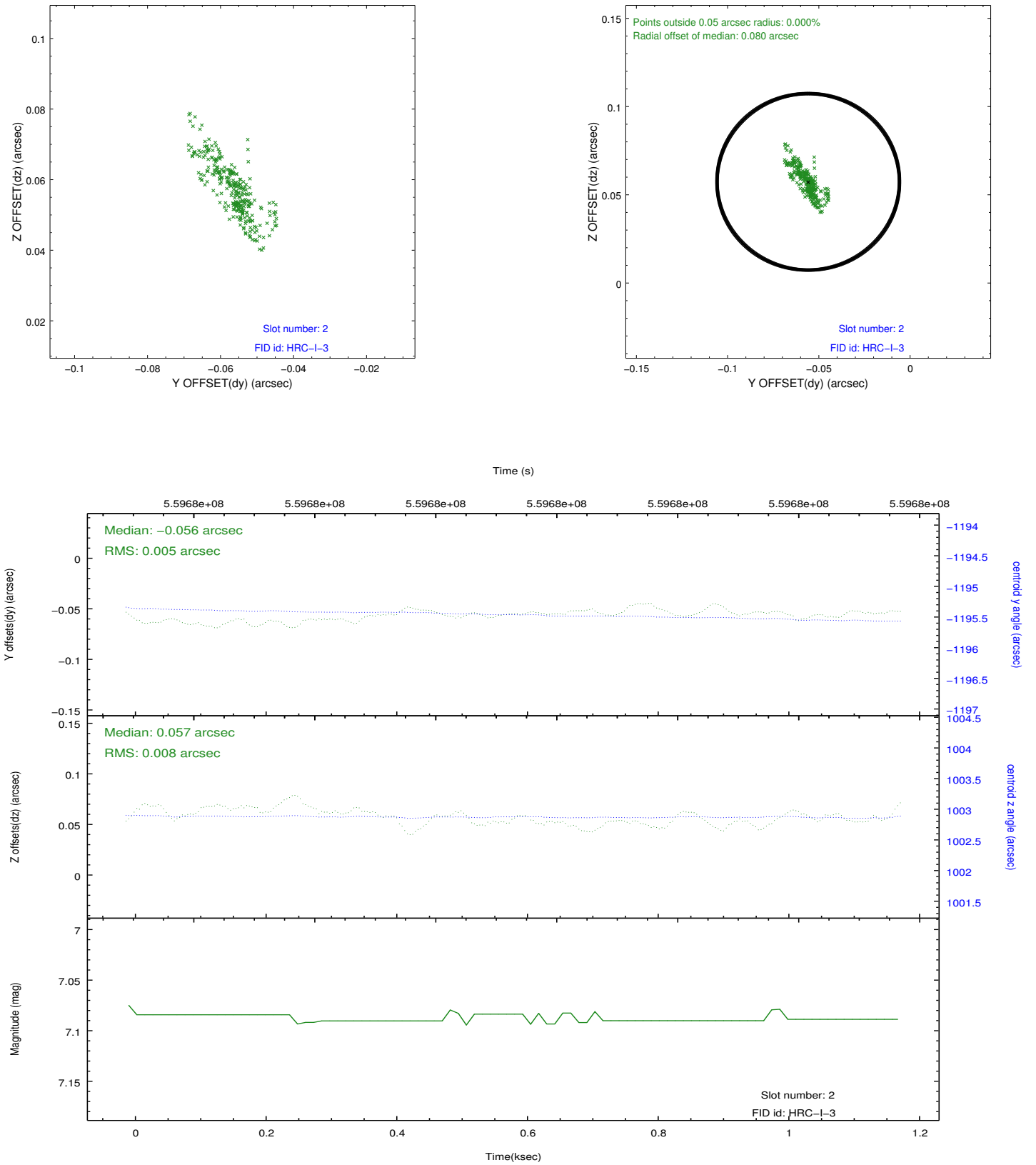
2.5.1 Slot 0



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)	2015.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313170195

A.2 Comments