

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 17369 - L2 Version 1
Chandra X-Ray Center

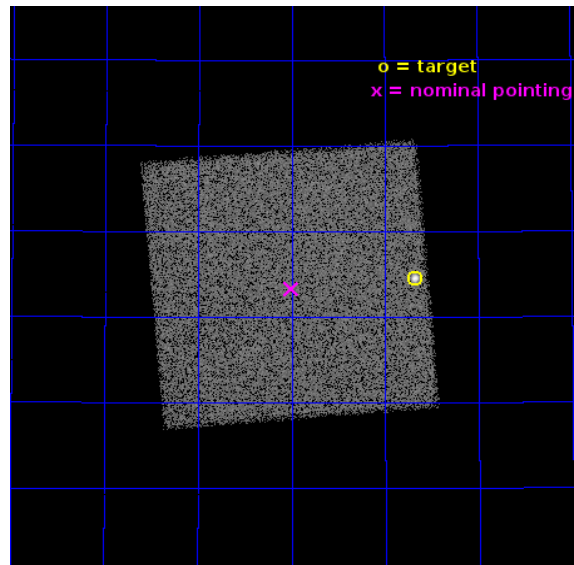
L2 Processing Date : Sep 27 2015

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1 Front

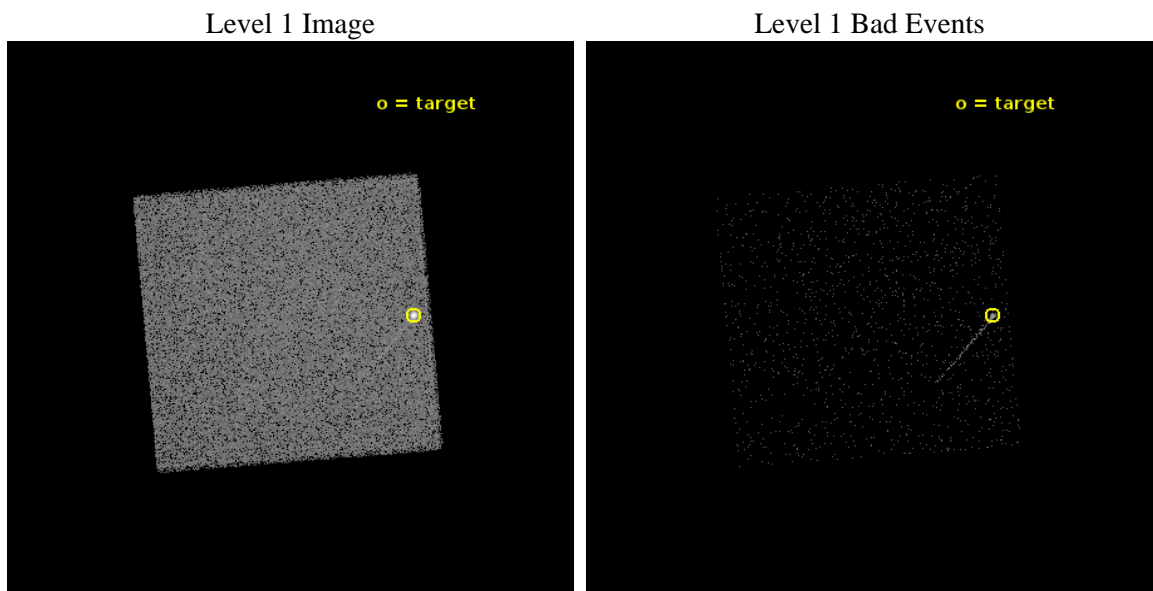
seq_num	291242	Sequence number
obs_id	17369	Observation id
title	AO-16 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.50030555957	Nominal RA [deg]
dec_nom	45.722109791776	Nominal Dec [deg]
roll_nom	220.17065437629	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1179.7750666142	[s]
livetime	1169.3680024141	Ontime multiplied by DTCOR
l2events	84838	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	1179.7750666142	[s]
caldsver	4.6.8	 	l1events	144757	Number of level 1 events
date	2015-09-27T05:26:47	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

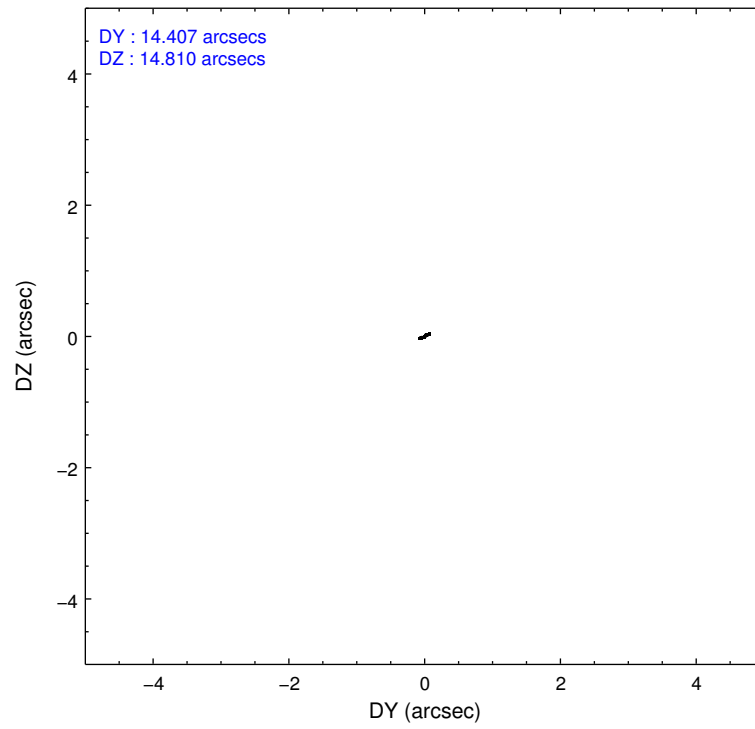
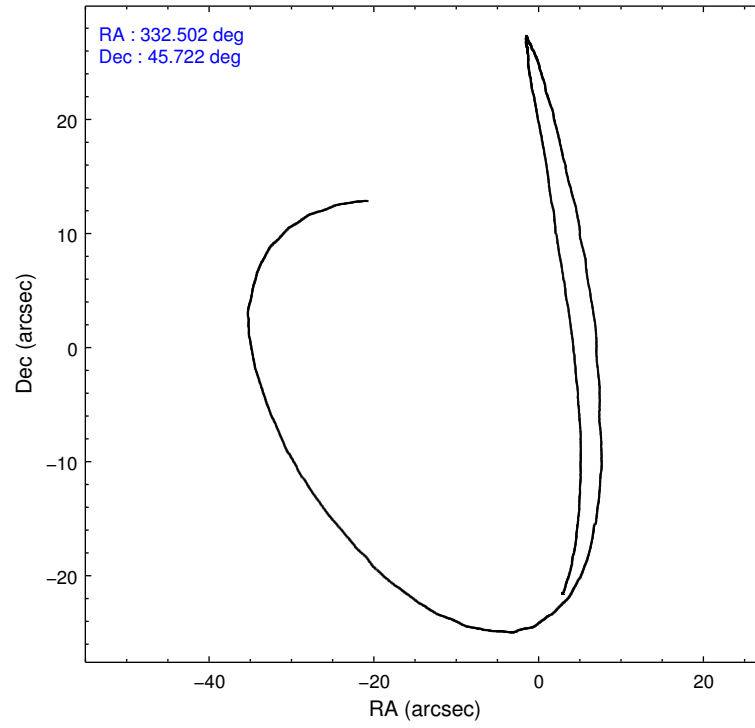
	segment 0
level 1 events	144757
rejected events	31823
rejected %	21%

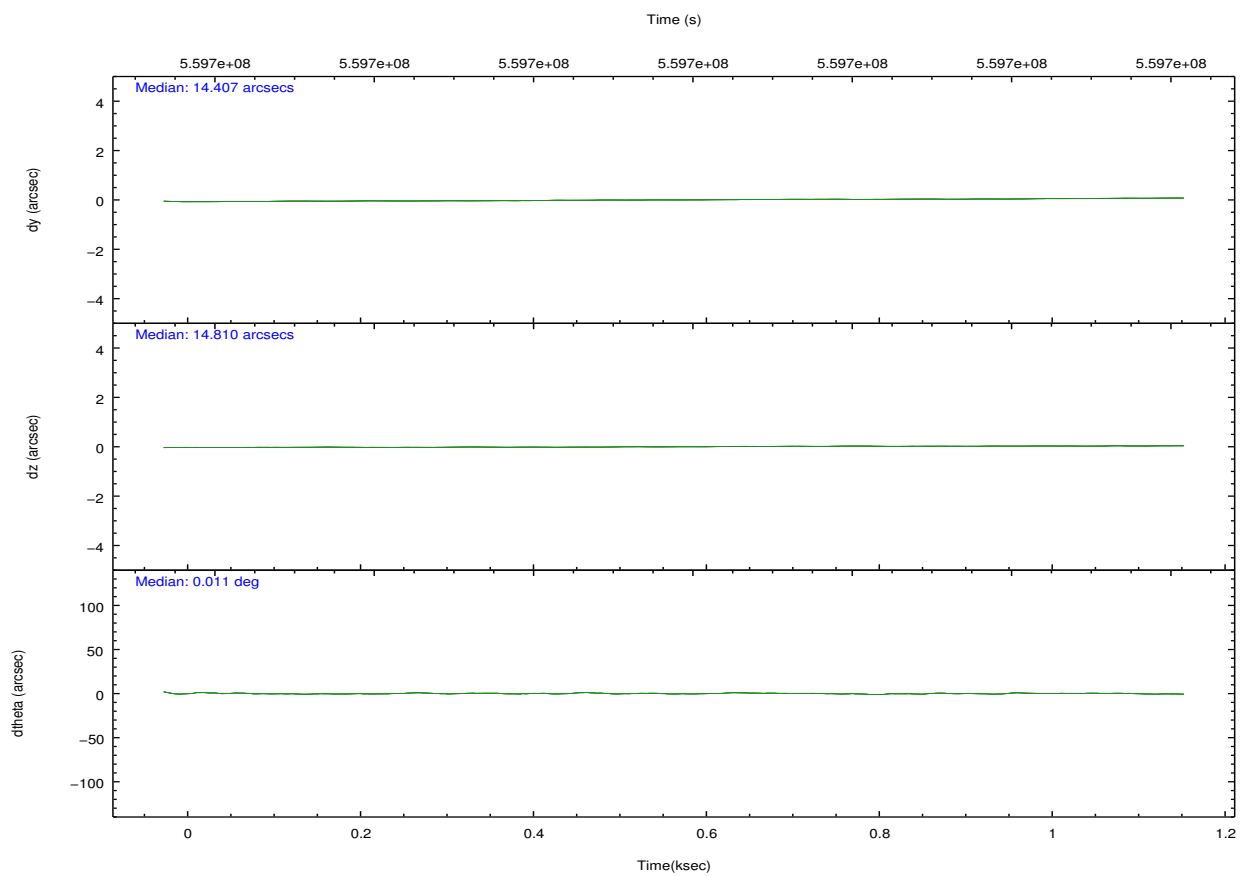
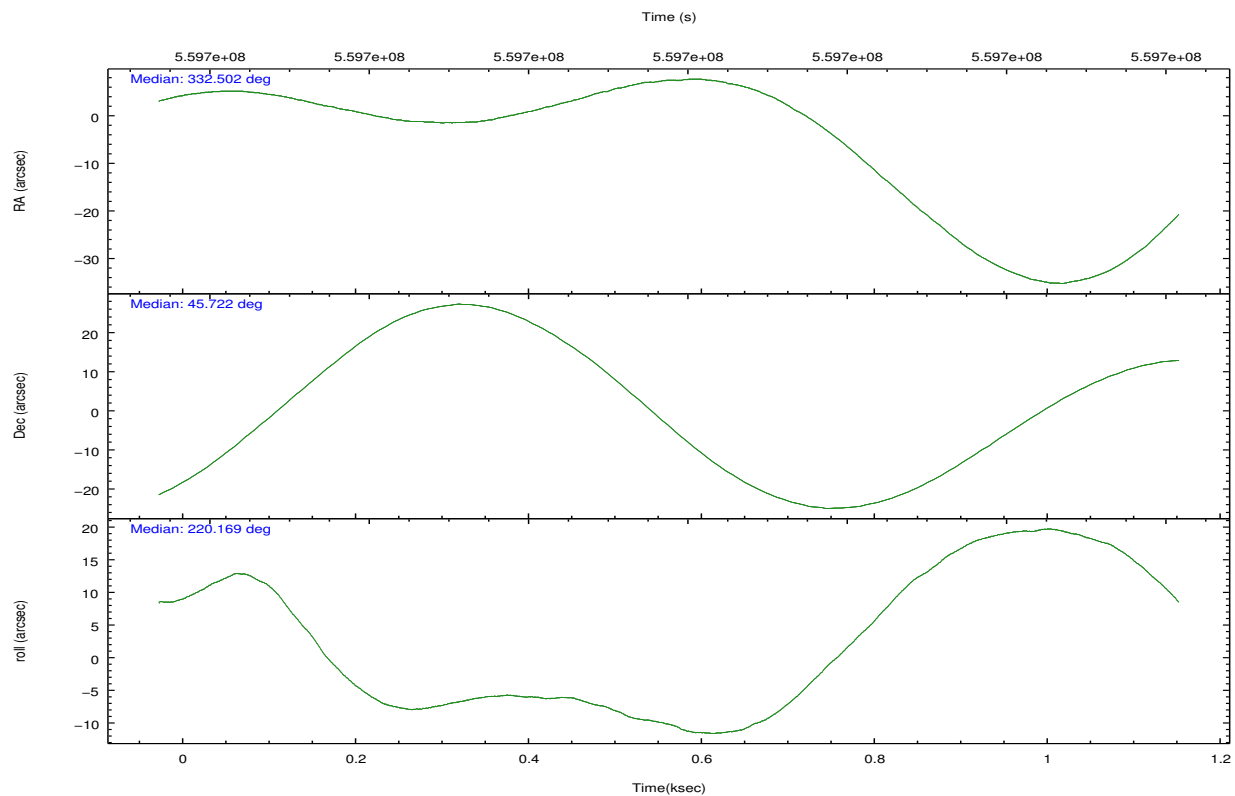
2.2 Compared Parameters

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	332.513218	332.5003055595749
[deg] Pointing Dec	45.747784	45.72210979177569
[deg] Pointing Roll	220.256808	220.170654376292
[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)	559696152.184000	559695776.14496
Observation start date	2015-09-26T23:08:04	2015-09-26T23:02:56
[s] Observation end time (MET)	559697152.184000	559697286.48255
Observation end date	2015-09-26T23:24:44	2015-09-26T23:28:06

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

2.3 Aspect



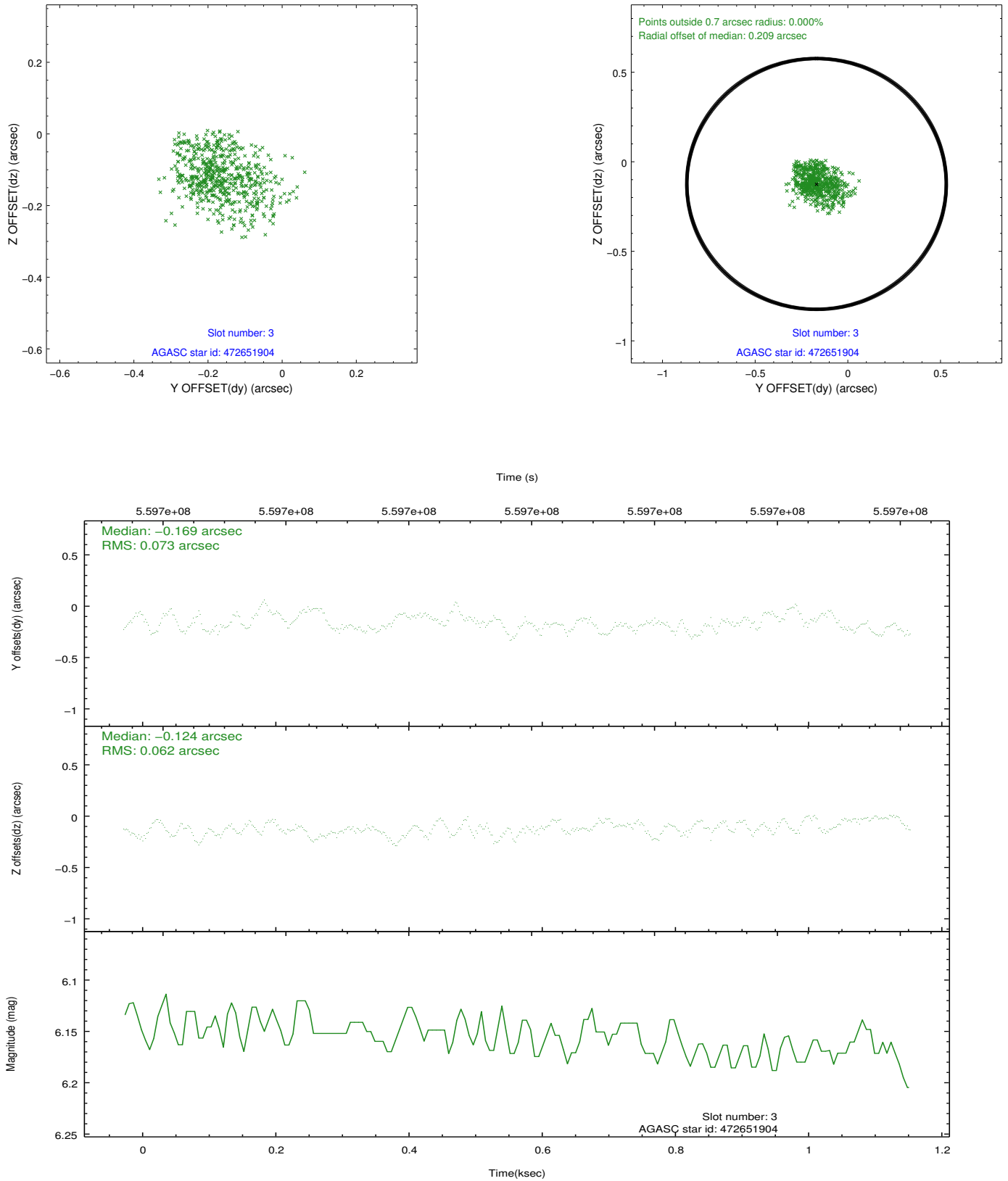


Slot Statistics

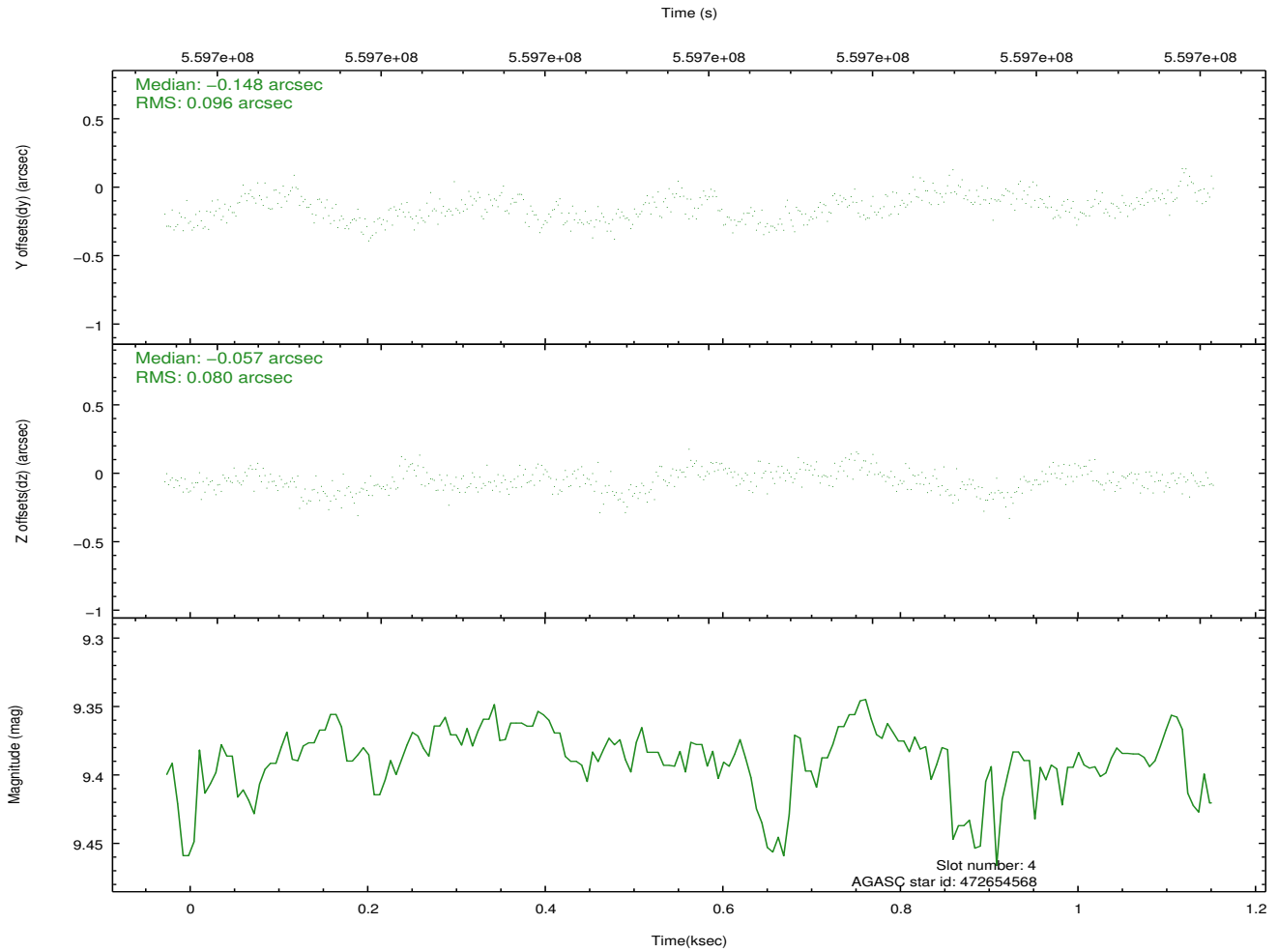
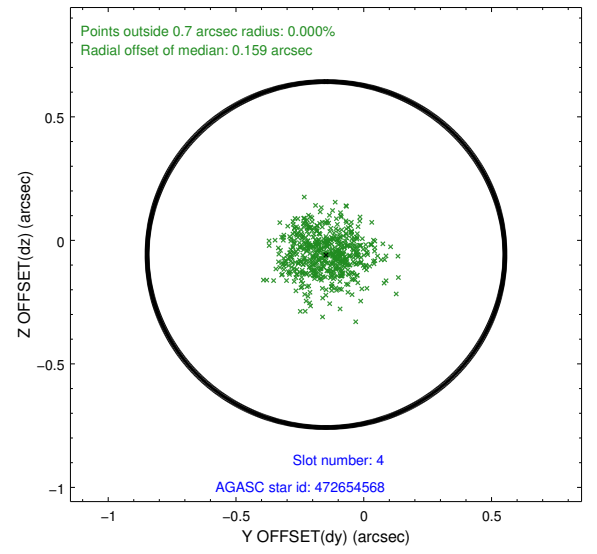
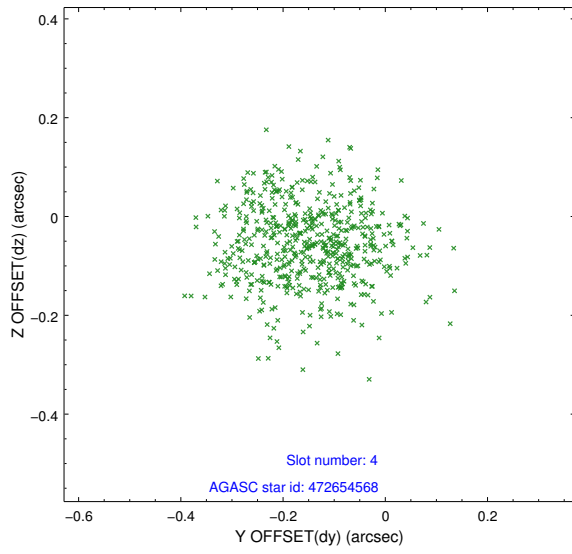
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	288	-0.089	-0.116	0.007	0.012	0.000000	0.000000	-770.35	-1302.96
1	FID		HRC-I-3	7.09	288	-0.153	-0.076	0.007	0.012	0.000000	0.000000	-1201.46	997.14
2	FID		HRC-I-4	7.01	288	0.356	0.102	0.006	0.009	0.000000	0.000000	1268.83	1002.78
3	GUIDE	used	472651904	6.15	577	-0.169	-0.124	0.105	0.163	332.170077	45.742257	669.59	-542.88
4	GUIDE	used	472654568	9.39	577	-0.148	-0.057	0.137	0.210	332.194449	45.063576	2210.34	1355.50
5	GUIDE	used	472655152	9.42	575	0.085	0.024	0.152	0.239	332.504239	45.862991	-246.82	-326.81
6	GUIDE	used	472665256	9.00	577	0.051	0.029	0.111	0.190	332.808125	46.195041	-1602.54	-753.81
7	GUIDE	used	472663080	9.38	576	0.171	0.130	0.149	0.229	332.652741	46.473840	-1955.86	-1771.03

2.4 Star Slots

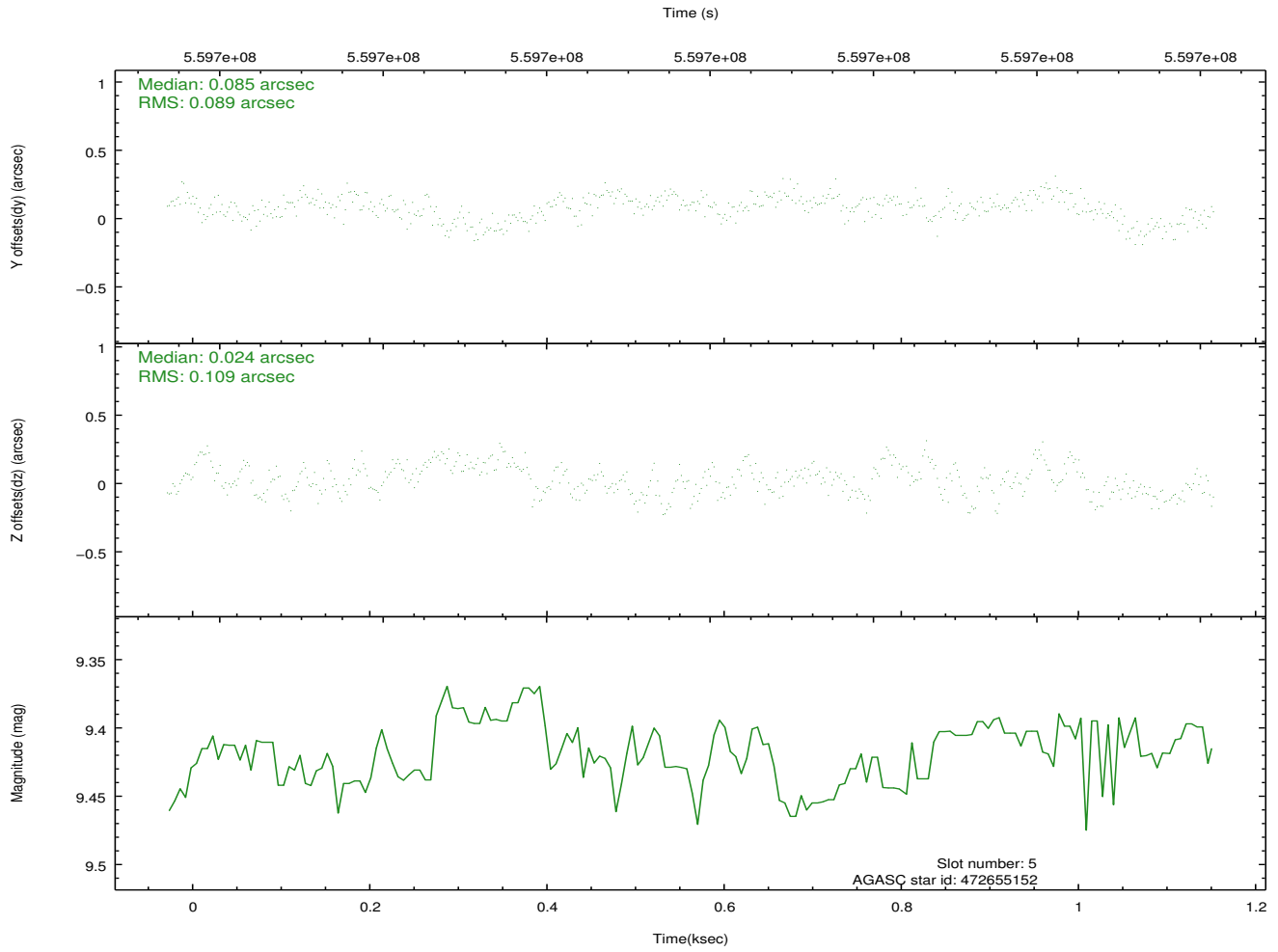
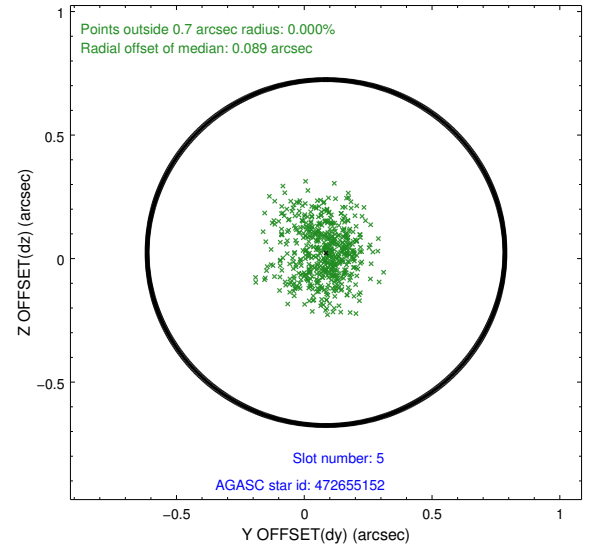
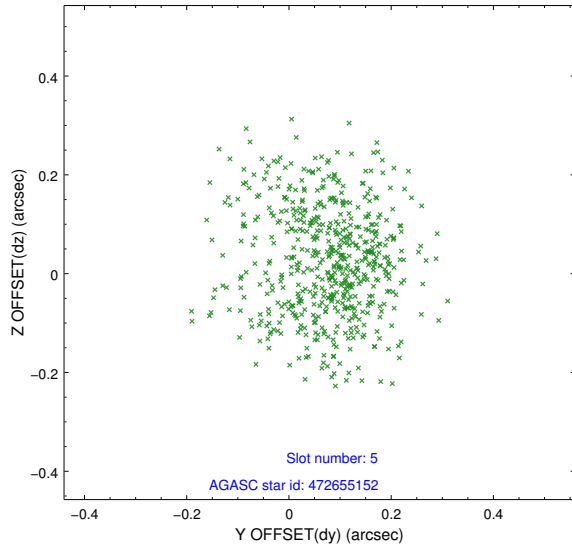
2.4.1 Slot 3



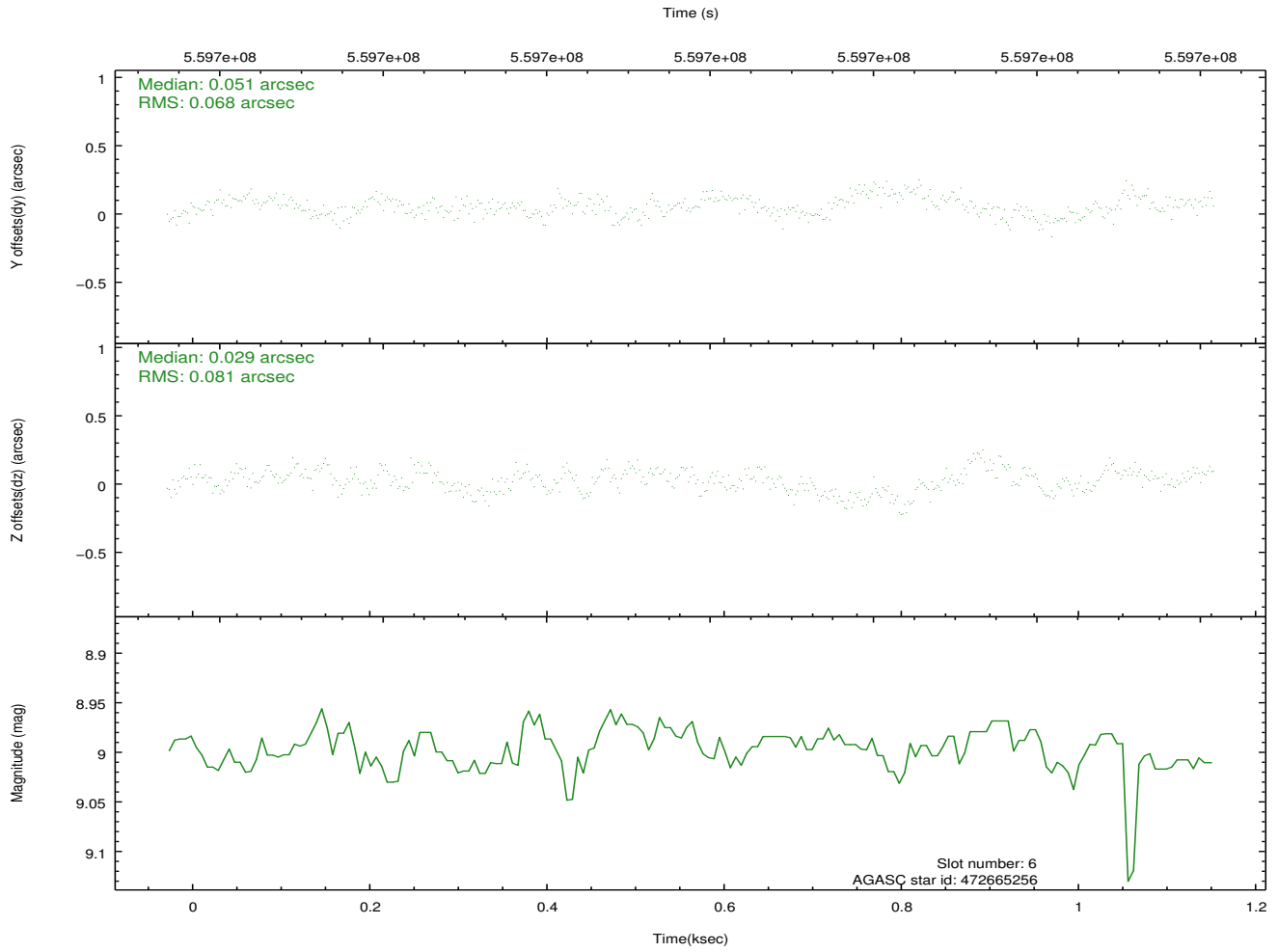
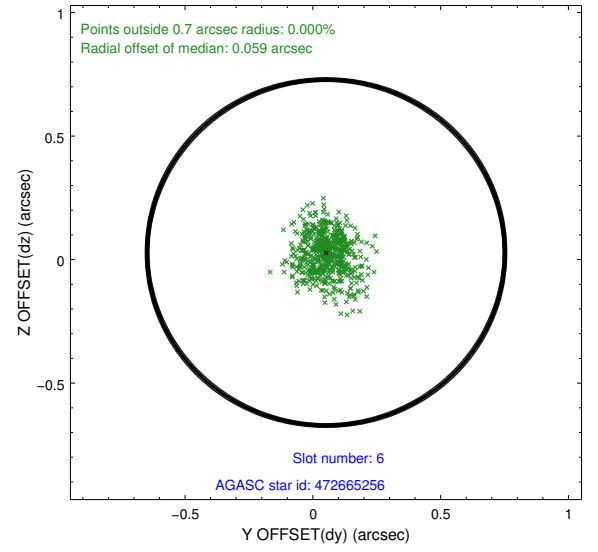
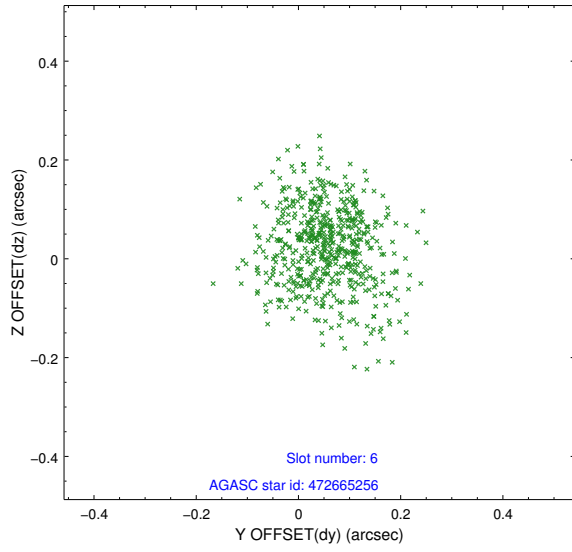
2.4.2 Slot 4



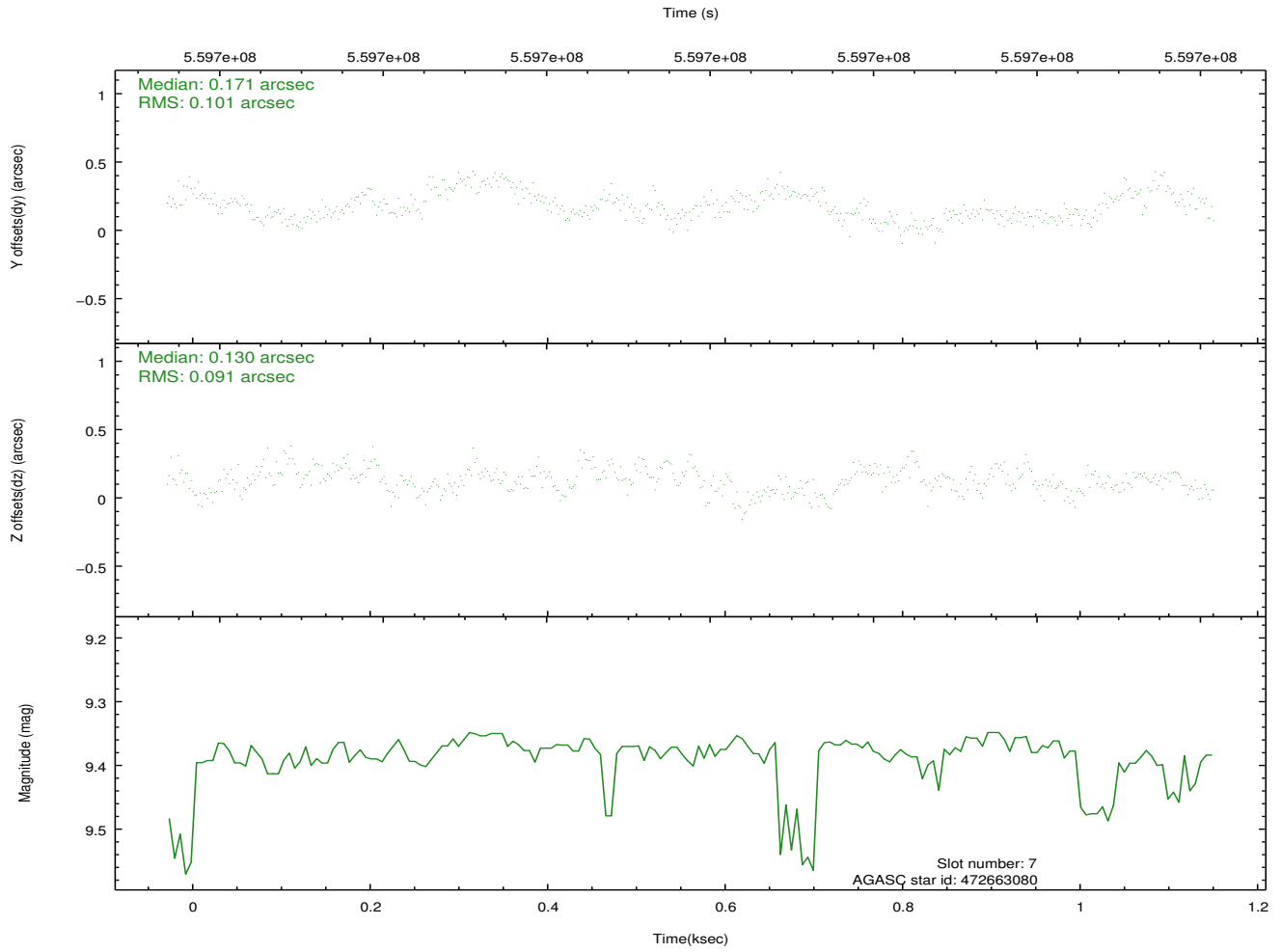
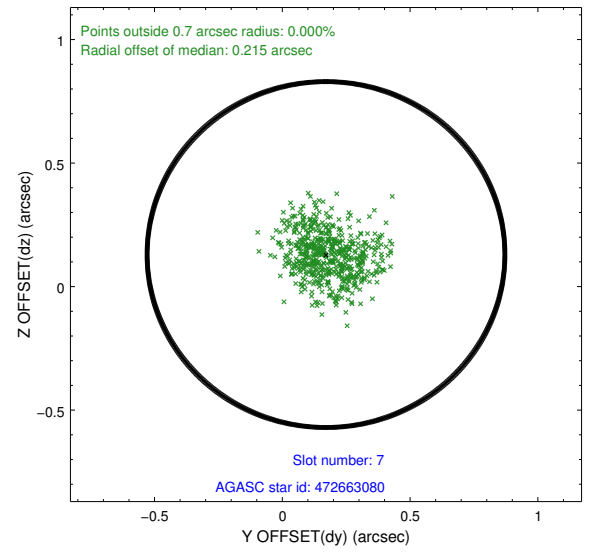
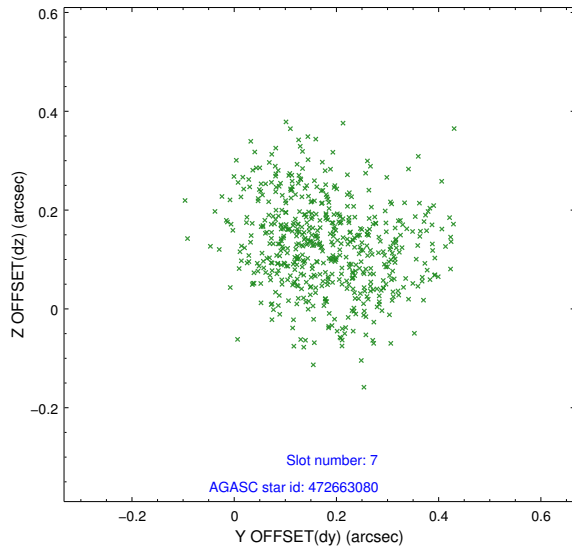
2.4.3 Slot 5



2.4.4 Slot 6

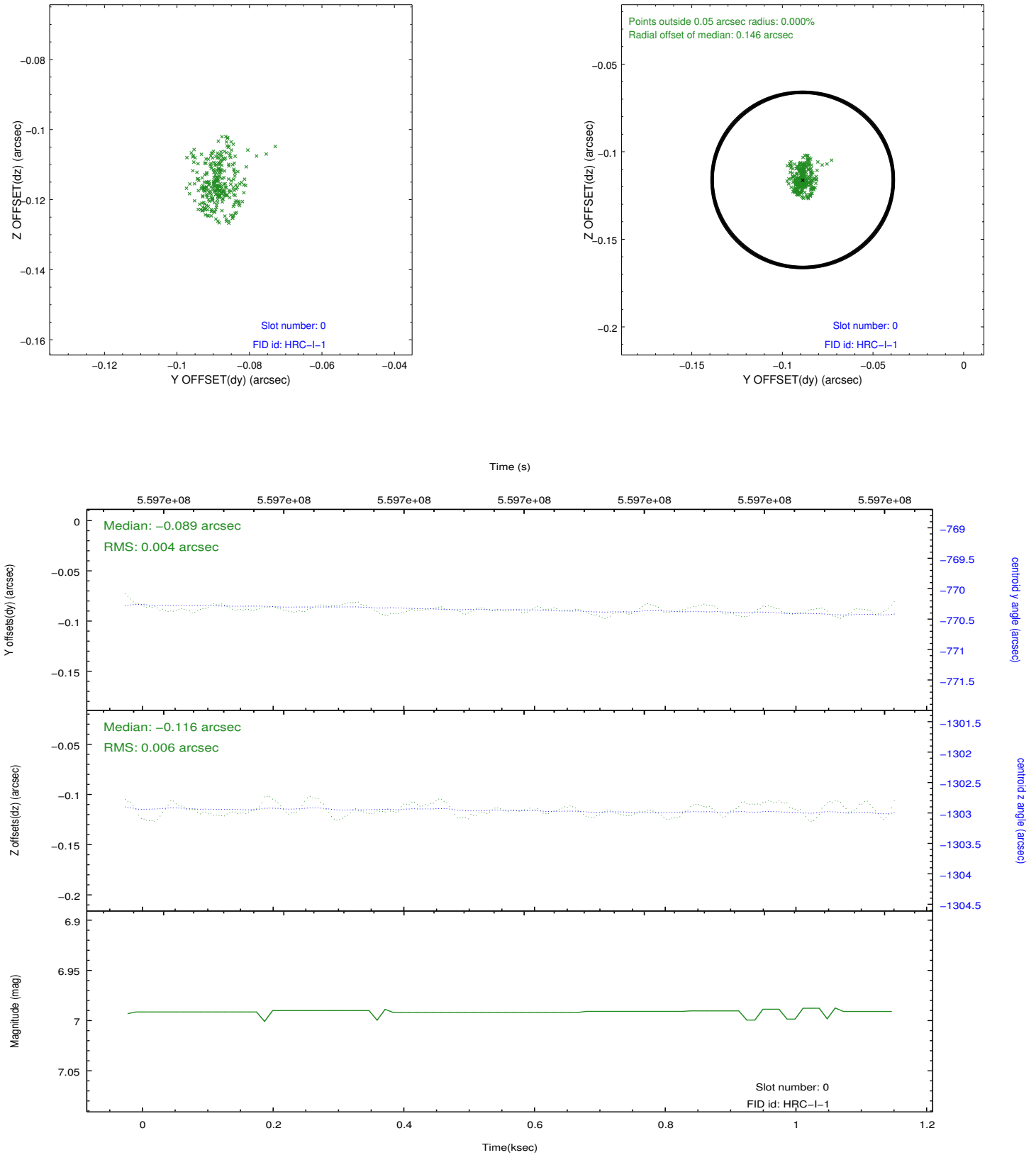


2.4.5 Slot 7

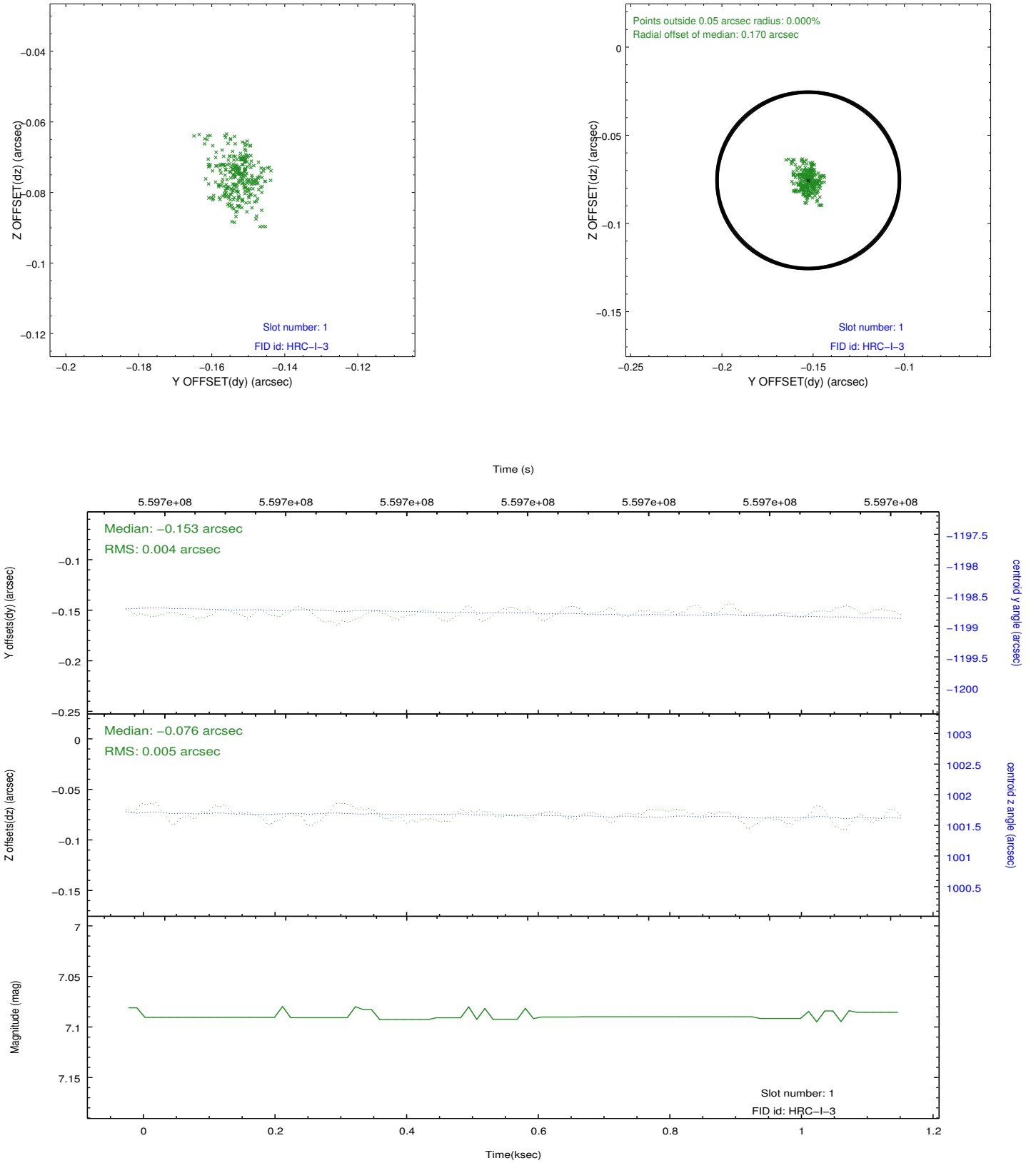


2.5 FID Slots

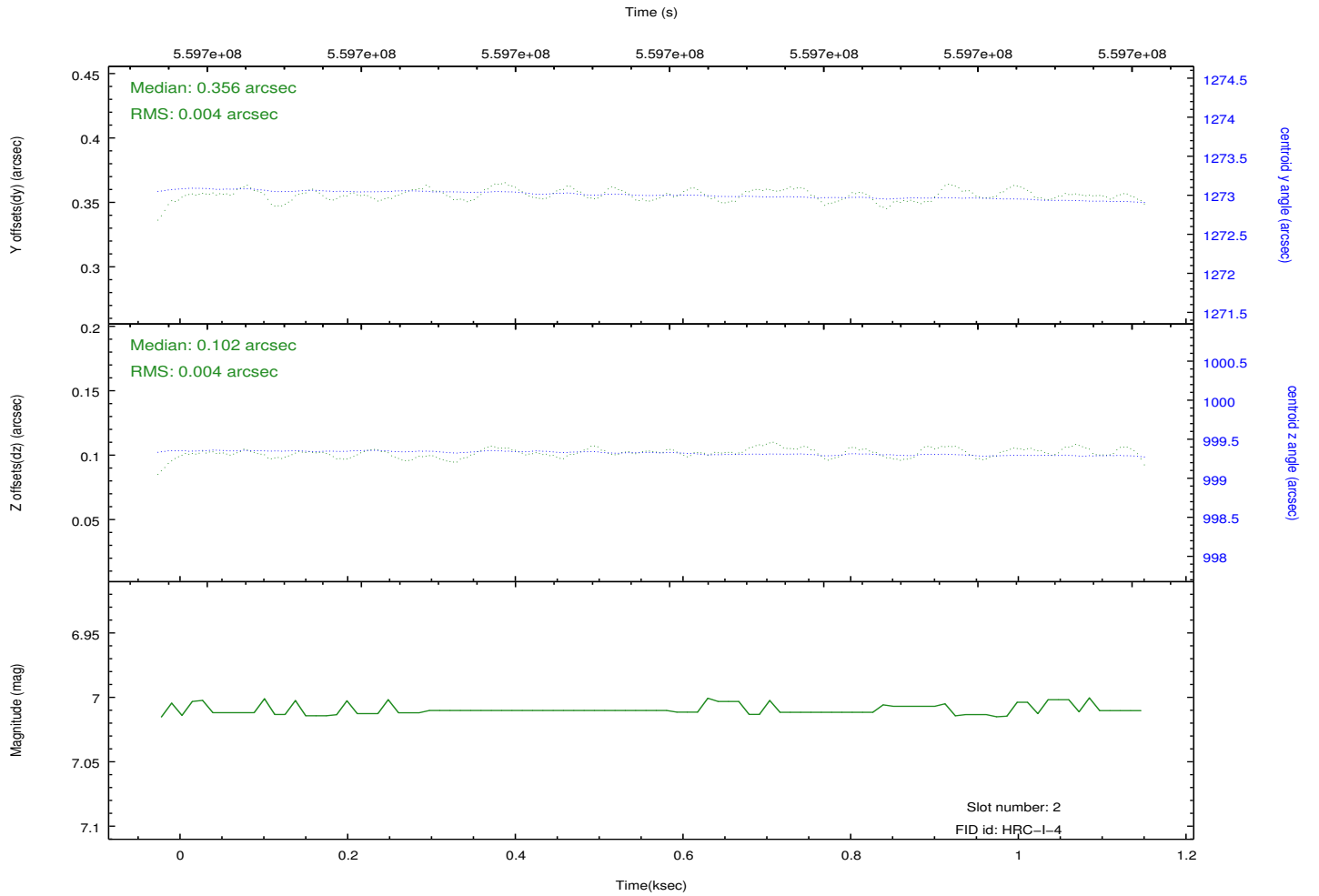
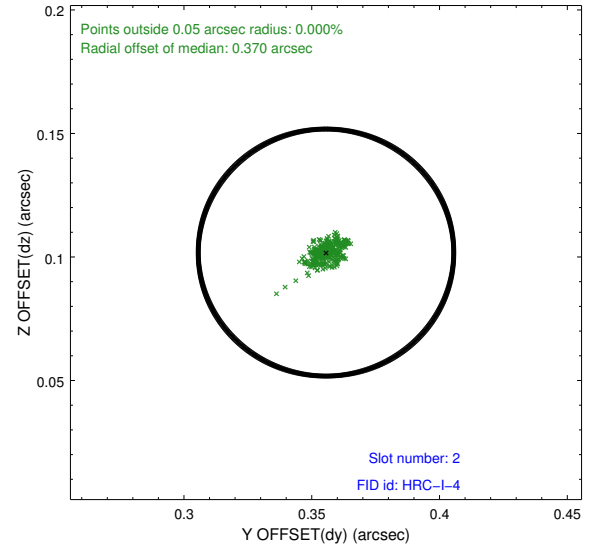
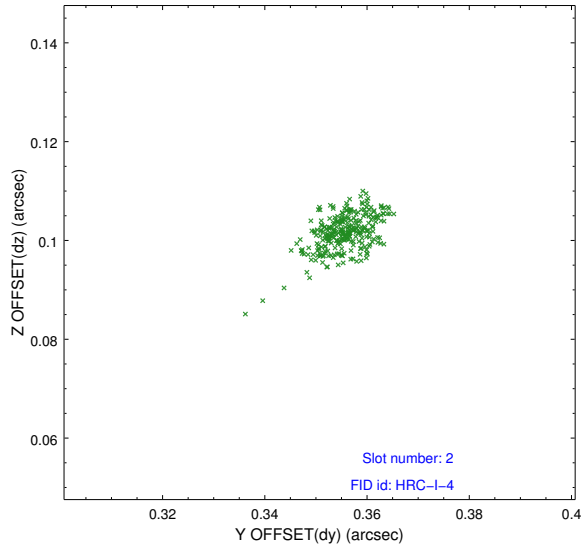
2.5.1 Slot 0



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	1.1797750666142

A.2 Comments