

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6552 - L2 Version 5
Chandra X-Ray Center

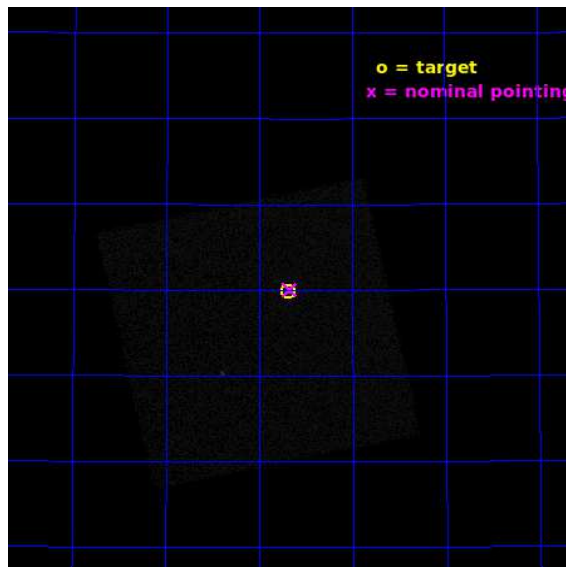
L2 Processing Date : Oct 12 2020

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1 Front

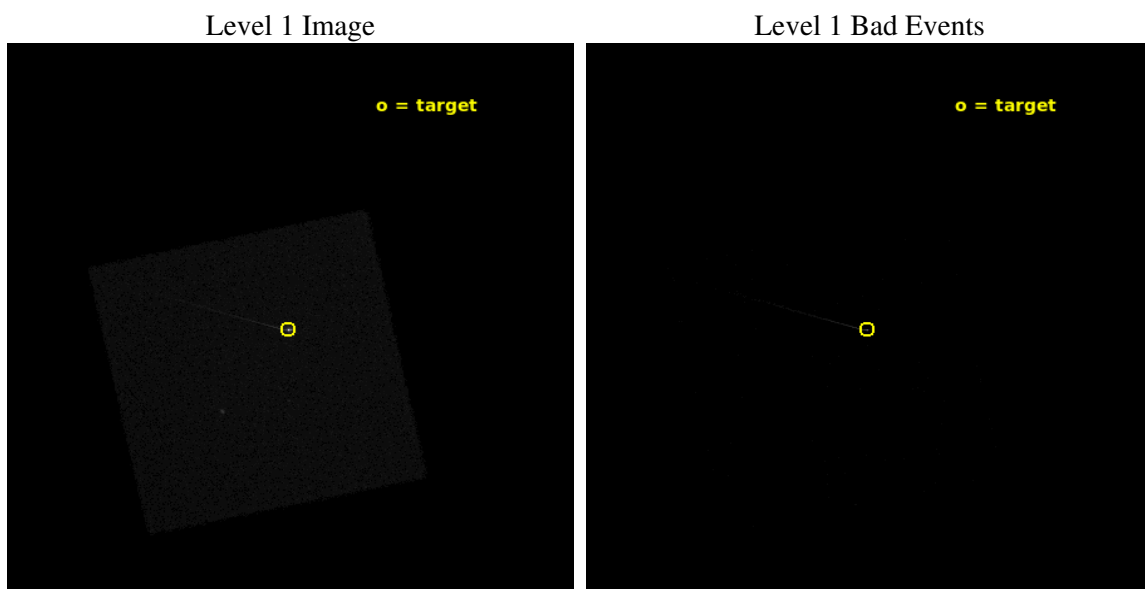
seq_num	290645	Sequence number
obs_id	6552	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.168179631723	Nominal RA [deg]
dec_nom	46.00069478395	Nominal Dec [deg]
roll_nom	212.81391870814	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5193.9314904809	[s]
livetime	5146.096148135	Ontime multiplied by DTCOR
l2events	332881	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5193.9314904809	[s]
caldbver	4.9.2	 	l1events	496175	Number of level 1 events
date	2020-10-12T06:47:36	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

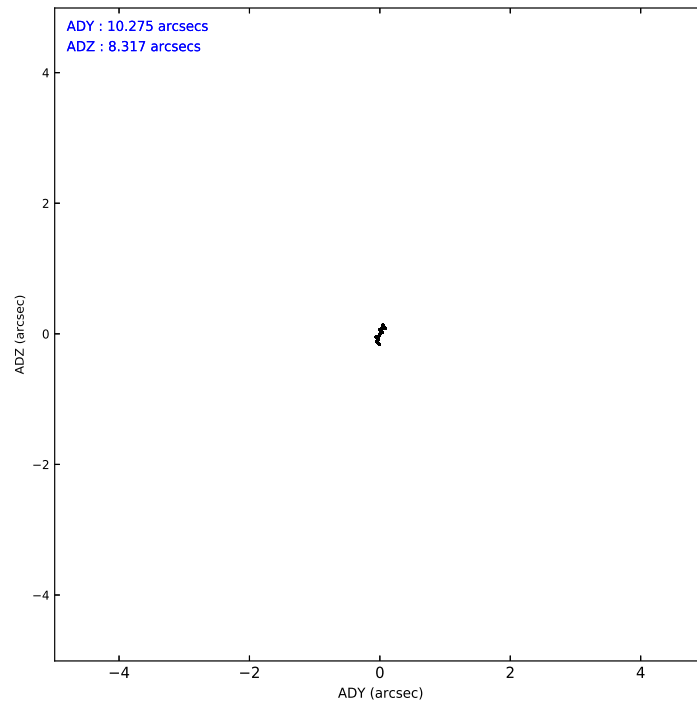
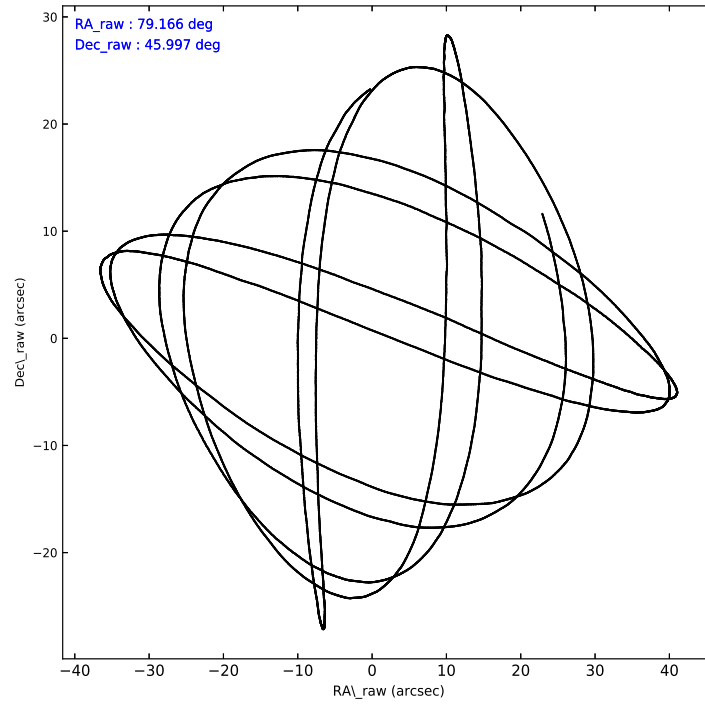
	segment 0
level 1 events	496175
rejected events	54101
rejected %	10%

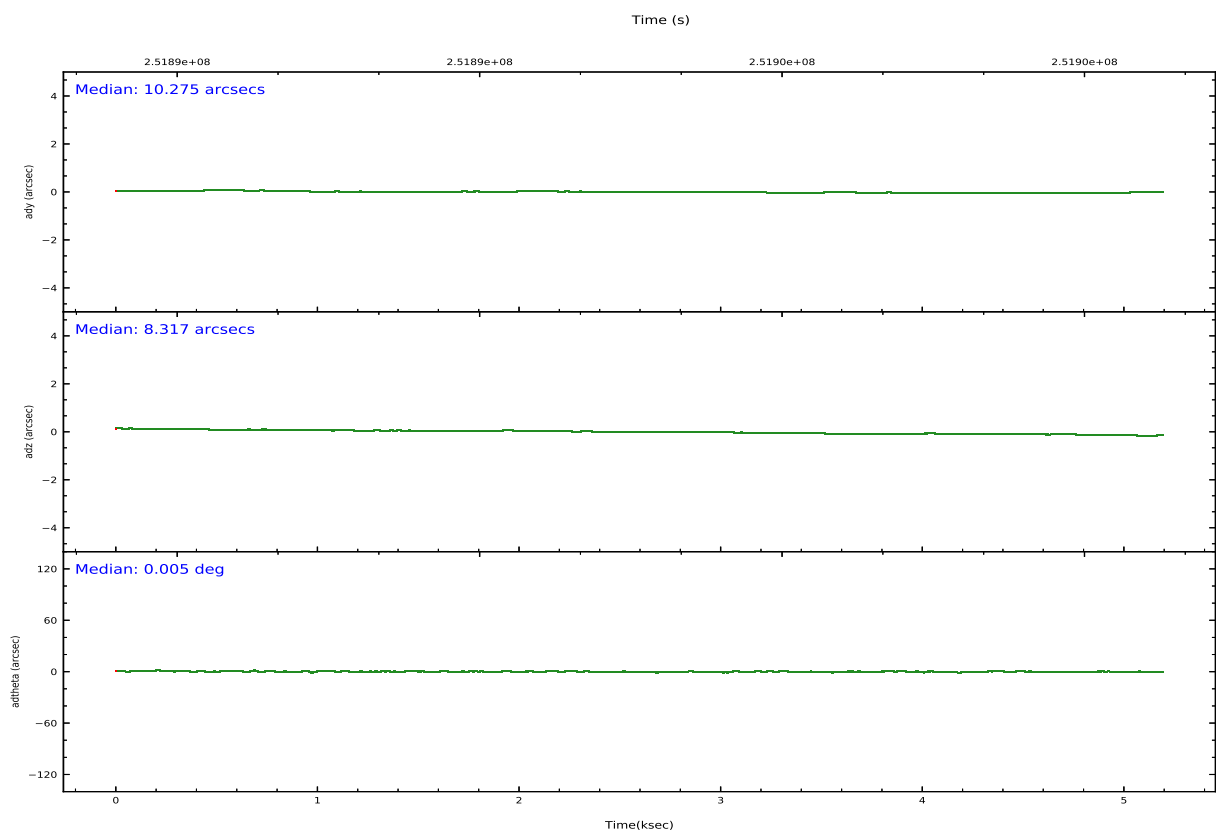
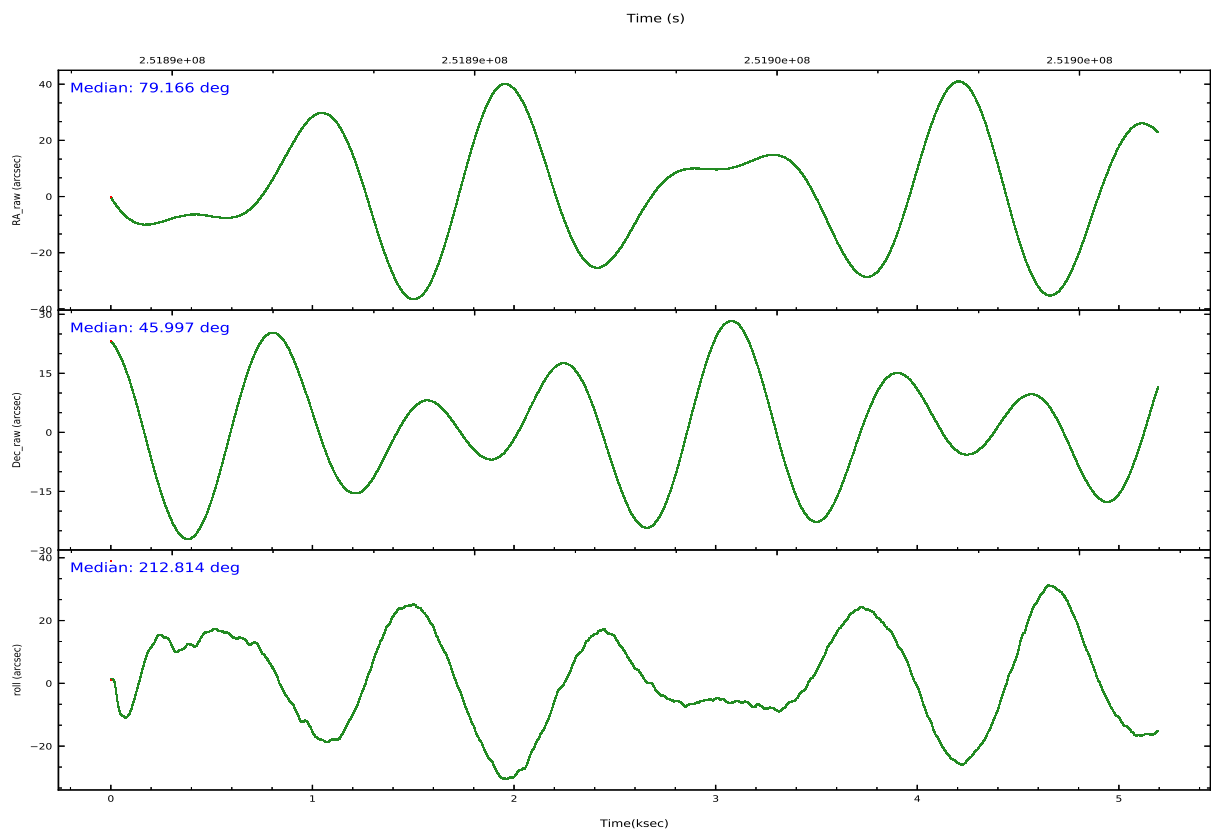
2.2 Compared Parameters

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	79.183603	79.16817963172301
[deg] Pointing Dec	46.021657	46.00069478395
[deg] Pointing Roll	212.912440	212.81391870814
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	108.985494	108.9829967461182
[mm] SIM translation stage offset	18	18.00249214548336
[s] Observation start time (MET)	251892890.184000	251892513.56463
Observation start date	2005-12-25T10:13:46	2005-12-25T10:08:33
[s] Observation end time (MET)	251897890.184000	251898482.13991
Observation end date	2005-12-25T11:37:06	2005-12-25T11:48:02

Parameter	Planned	Actual
Obspar version number	8	8
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



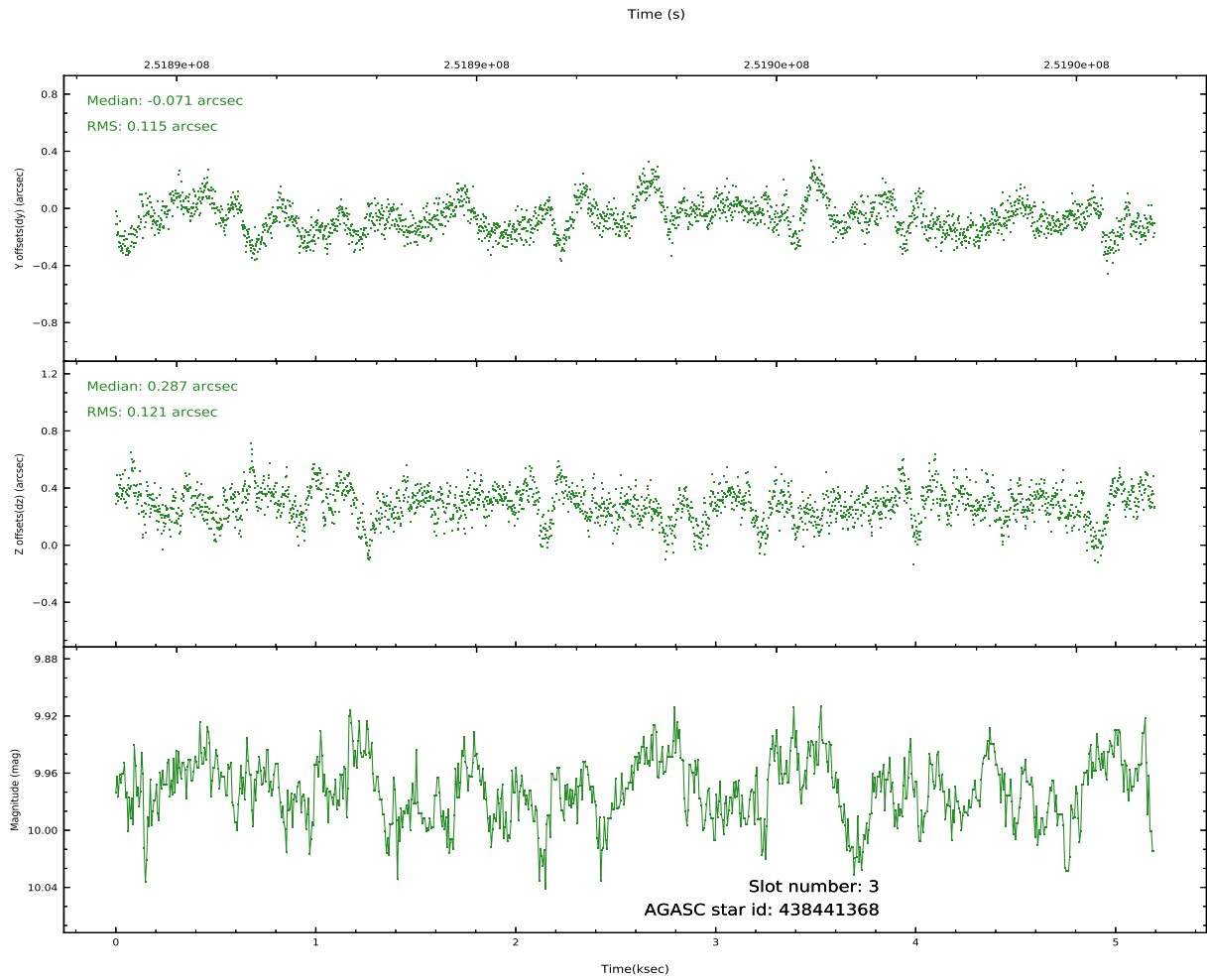
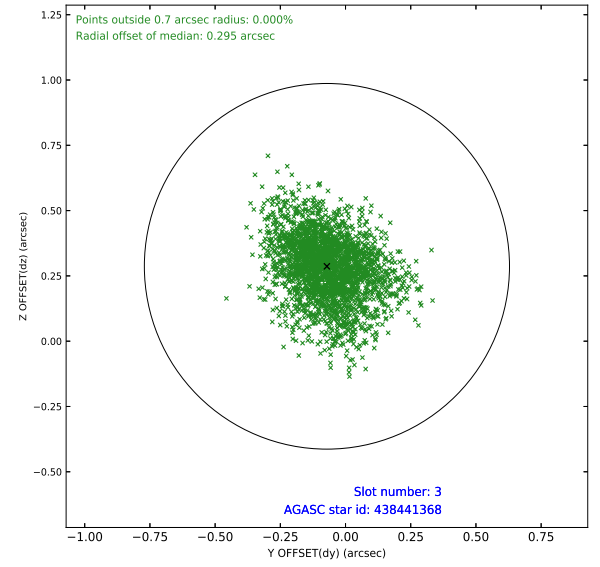
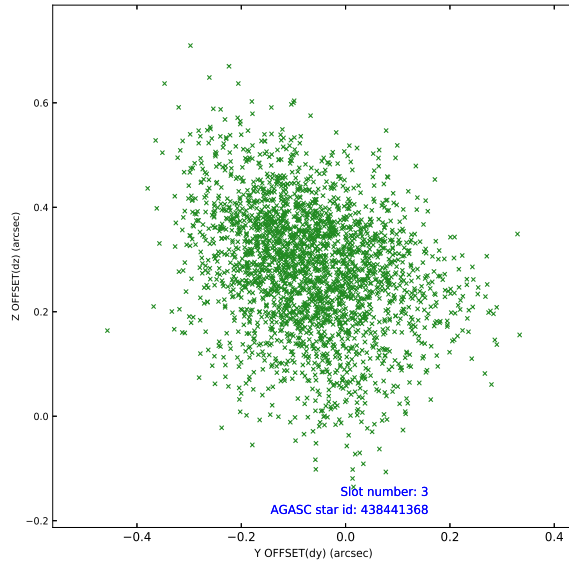


Slot Statistics

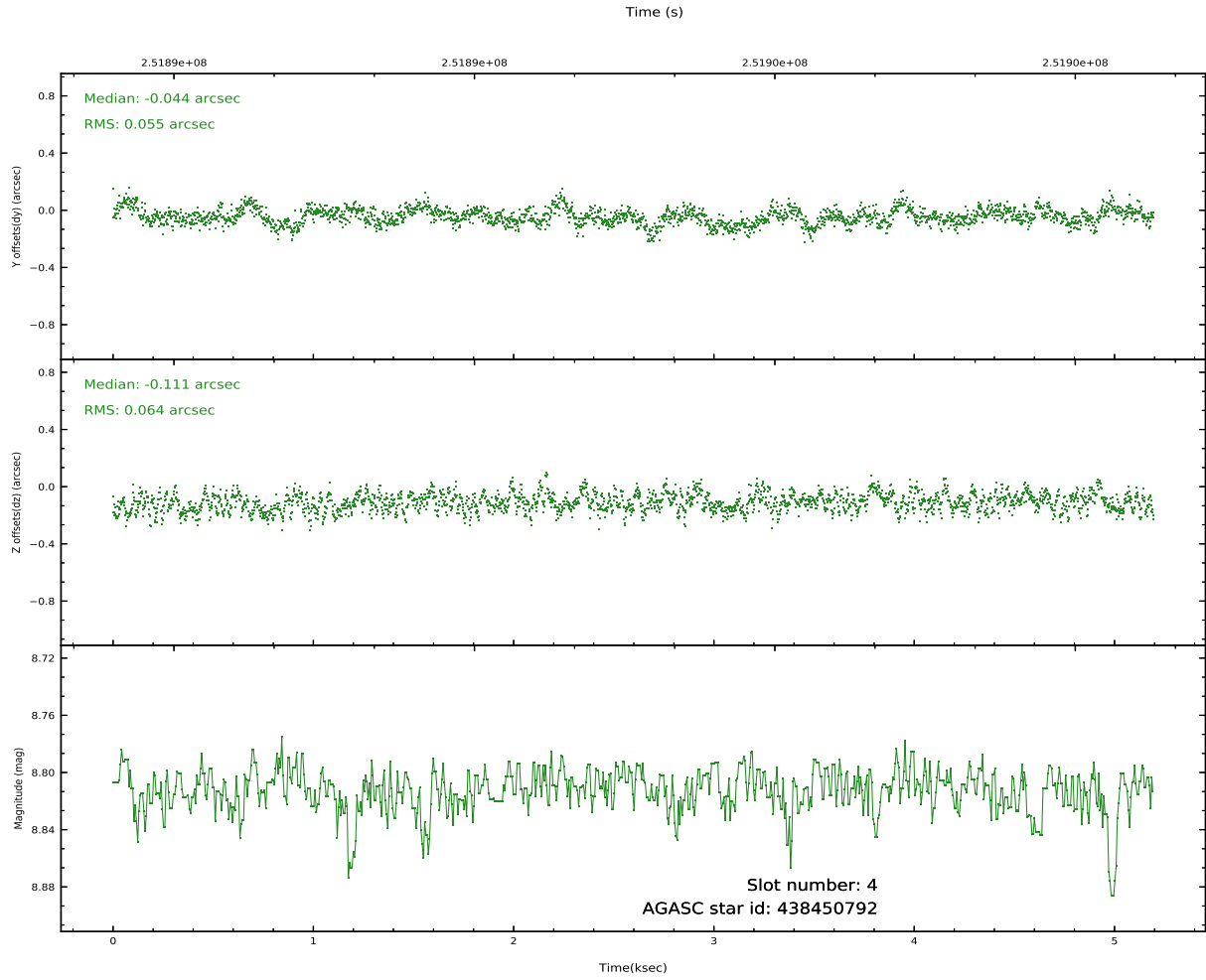
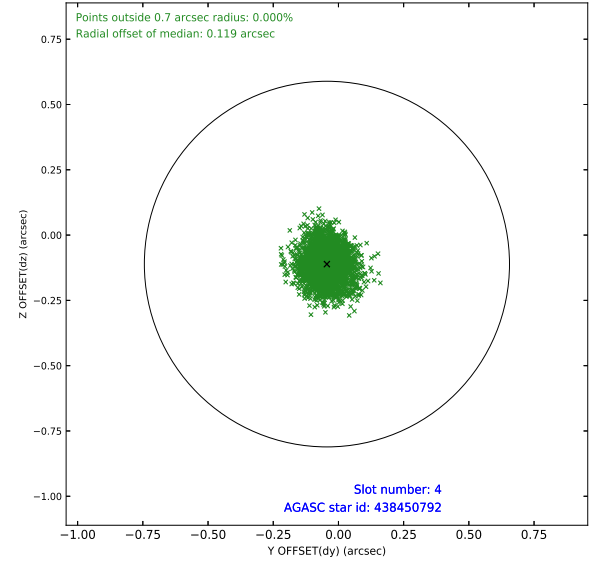
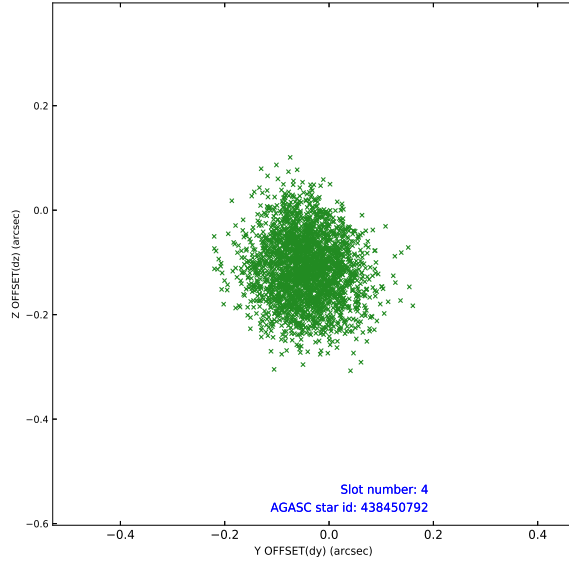
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-2	7.04	1268	1.000	-0.194	0.077	0.006	0.011	0.000000	0.000000	846.21	-927
1	FID		HRC-I-3	7.05	1268	1.000	0.057	-0.266	0.005	0.010	0.000000	0.000000	-1194.14	1377
2	FID		HRC-I-4	6.94	1268	1.000	0.256	0.101	0.006	0.011	0.000000	0.000000	1275.74	1377
3	GUIDE	used	438441368	9.97	2526	1.000	-0.071	0.287	0.175	0.294	78.646413	46.420494	336.44	-1933
4	GUIDE	used	438450792	8.81	2531	1.000	-0.044	-0.111	0.091	0.142	78.654240	46.382628	395.48	-1809
5	GUIDE	used	440150048	7.13	2535	1.000	0.007	-0.152	0.072	0.112	79.112838	46.416060	-624.14	-1288
6	GUIDE	used	440163960	8.88	2534	1.000	-0.005	0.011	0.077	0.125	79.298370	45.827072	137.86	743
7	GUIDE	used	440164960	8.31	2533	1.000	0.111	-0.032	0.079	0.129	79.132526	46.140947	-126.47	-429

2.4 Star Slots

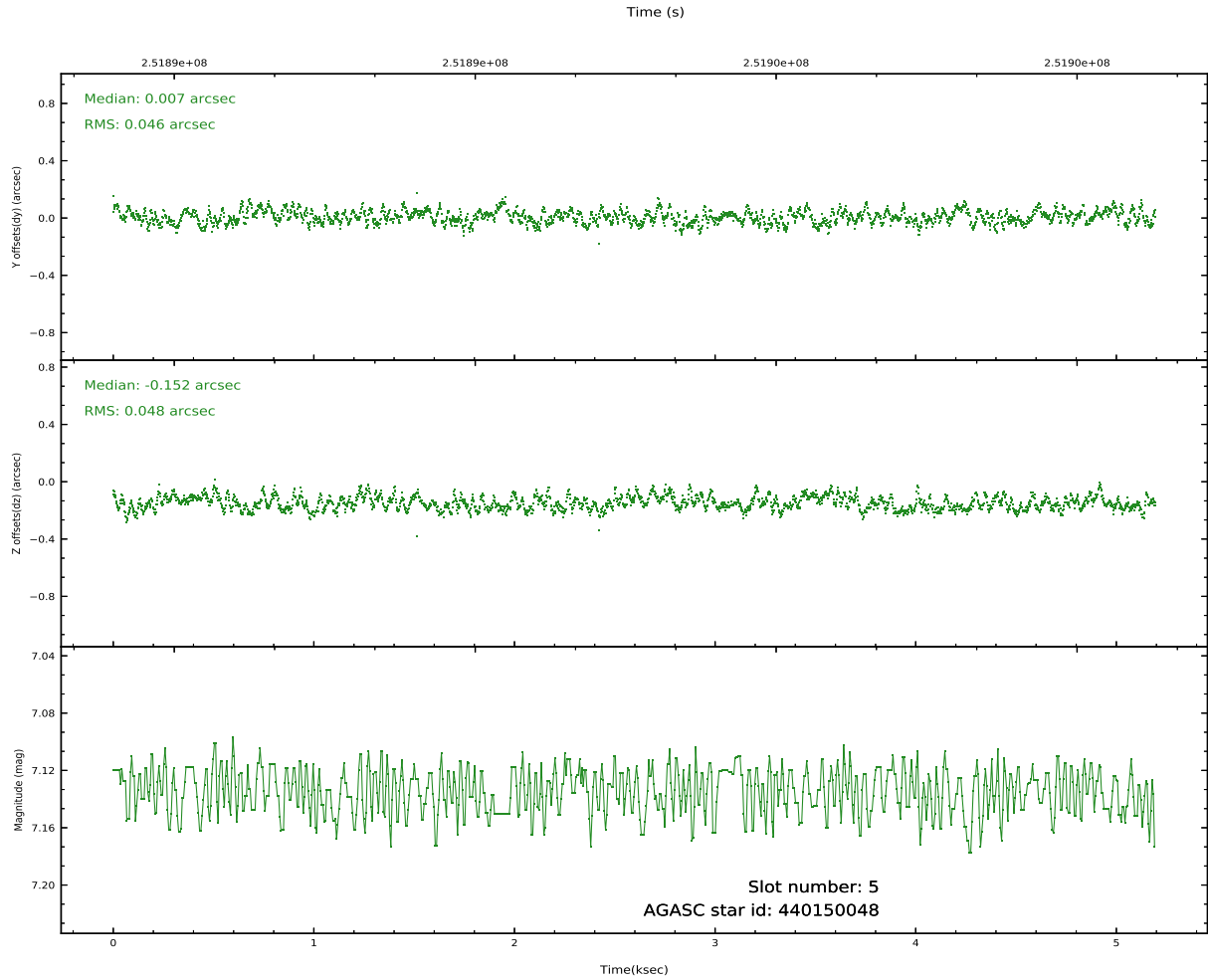
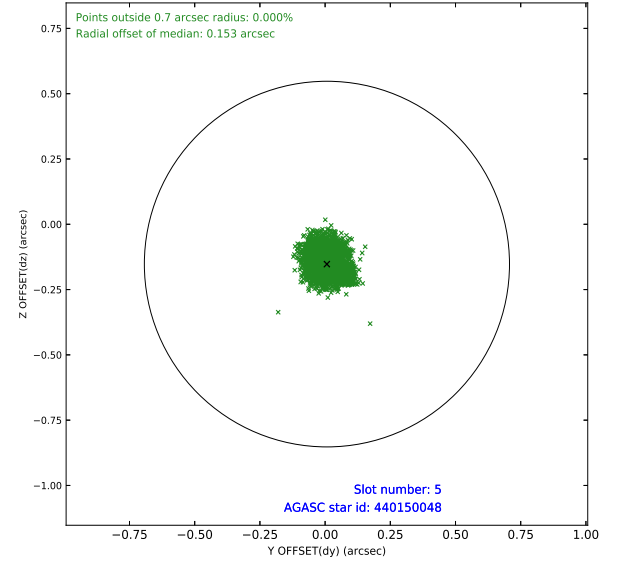
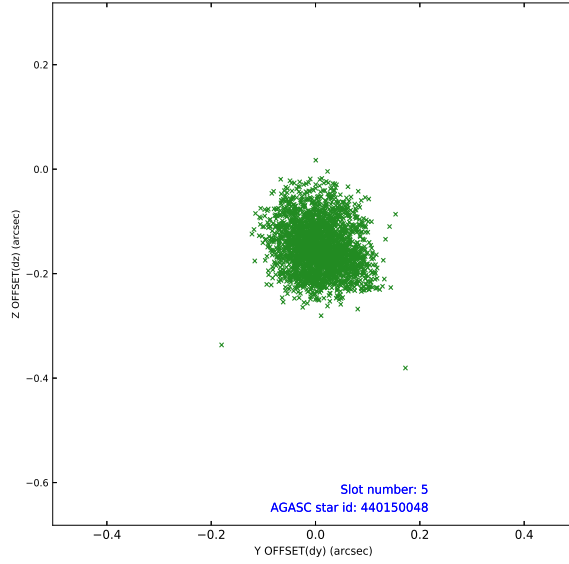
2.4.1 Slot 3



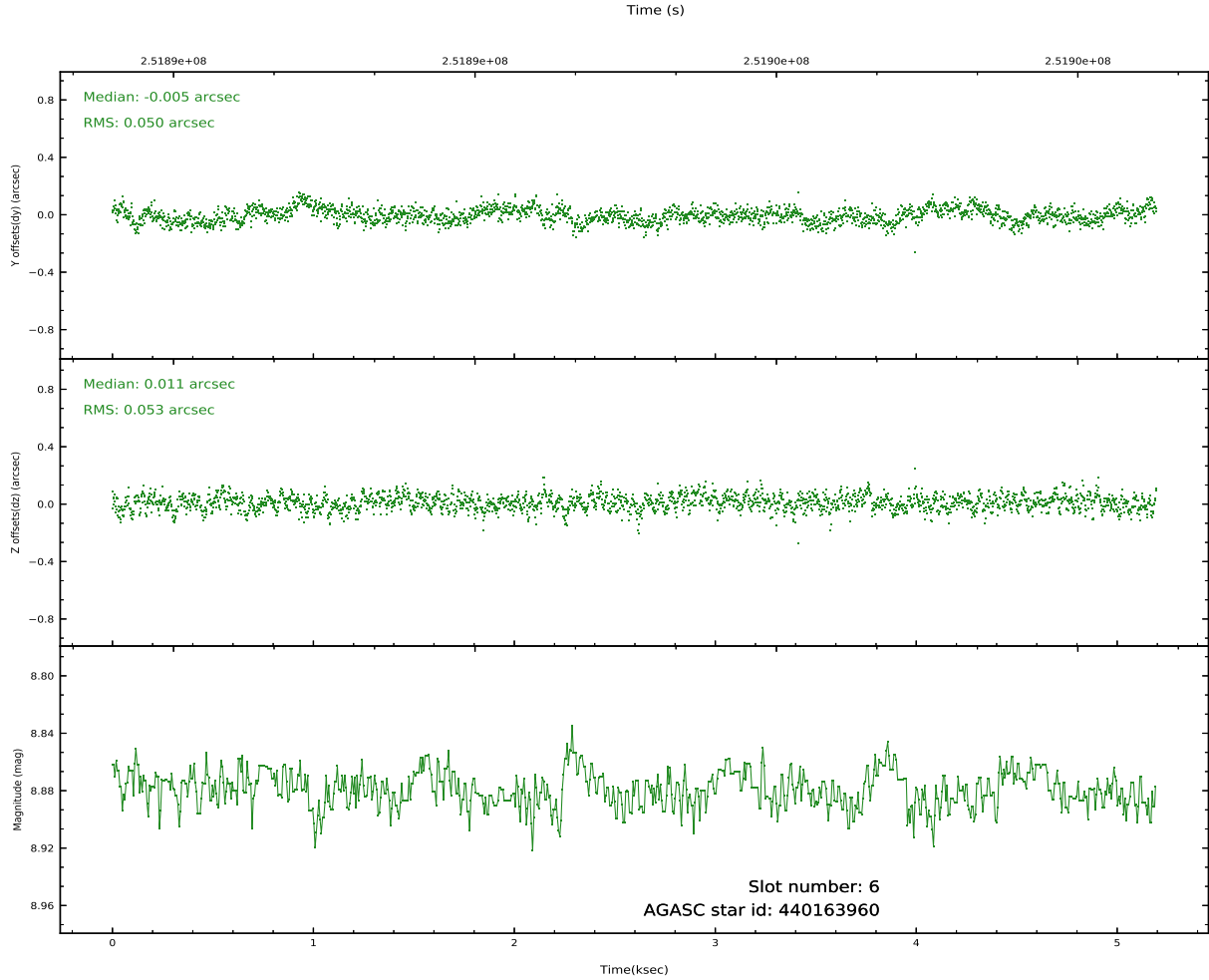
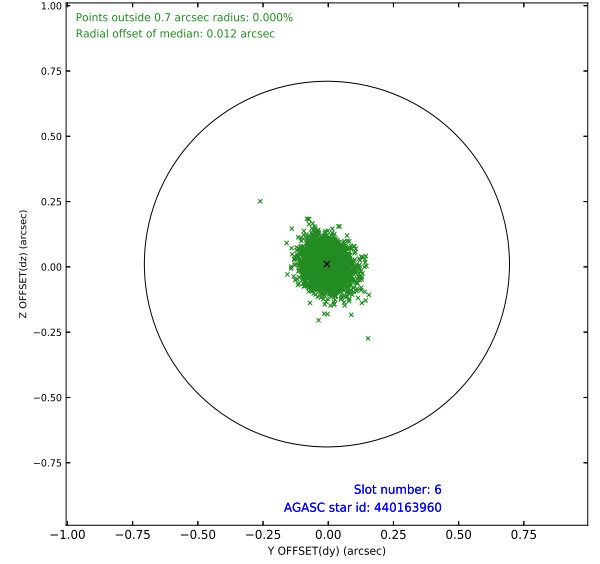
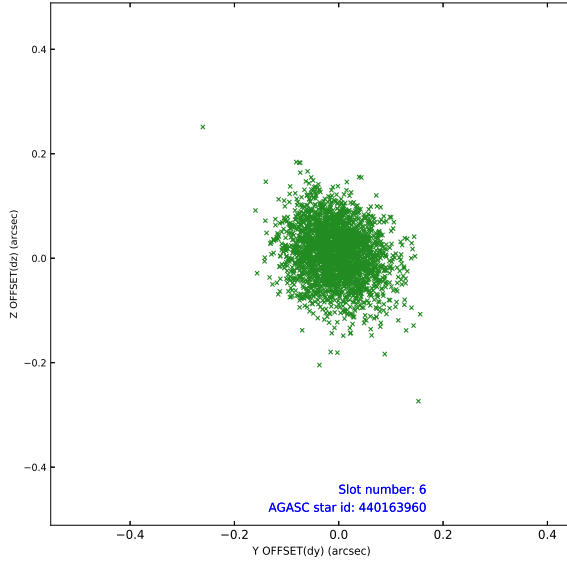
2.4.2 Slot 4



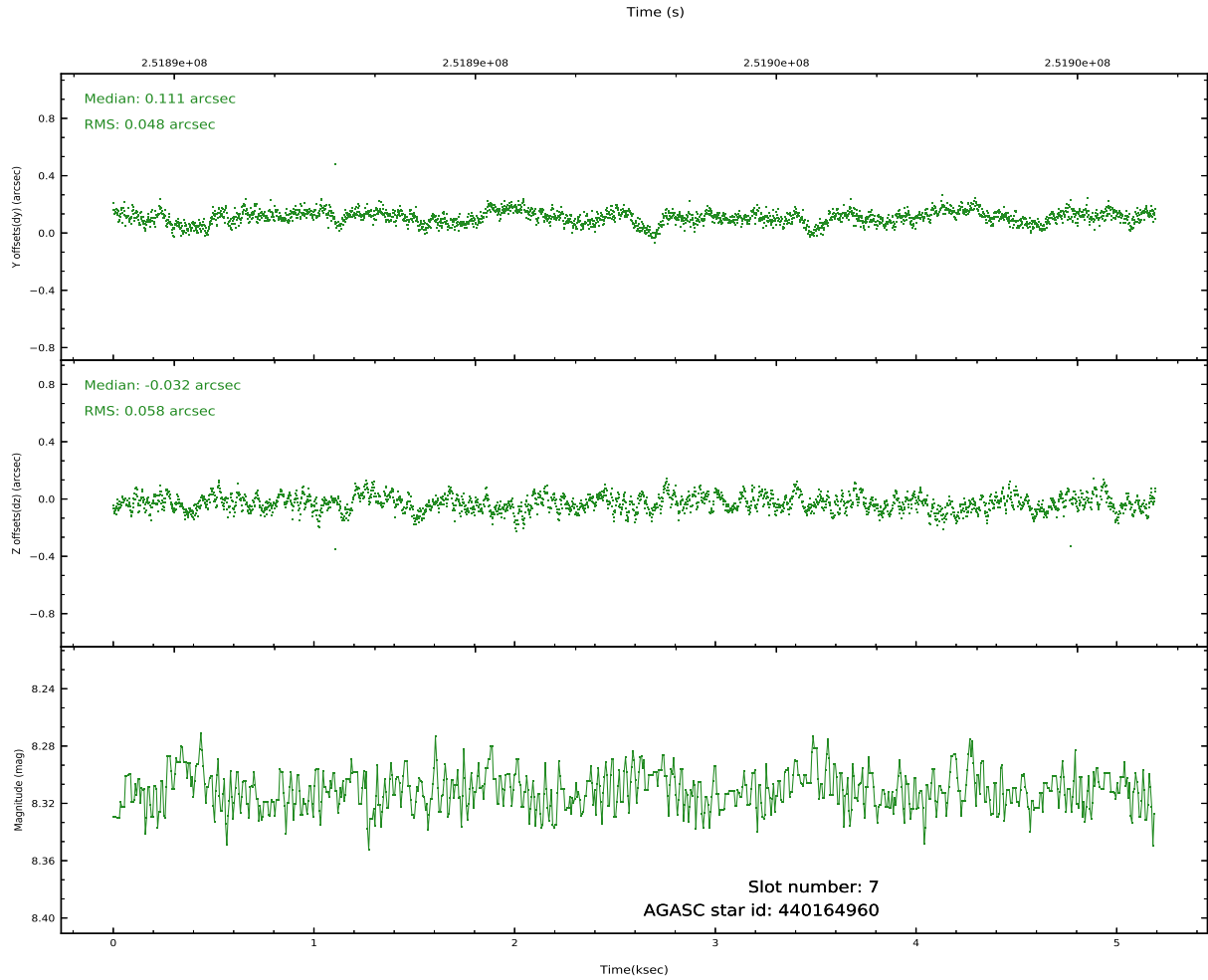
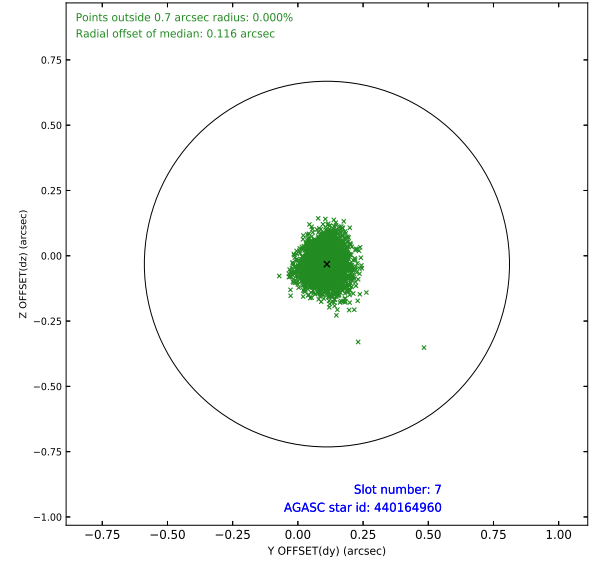
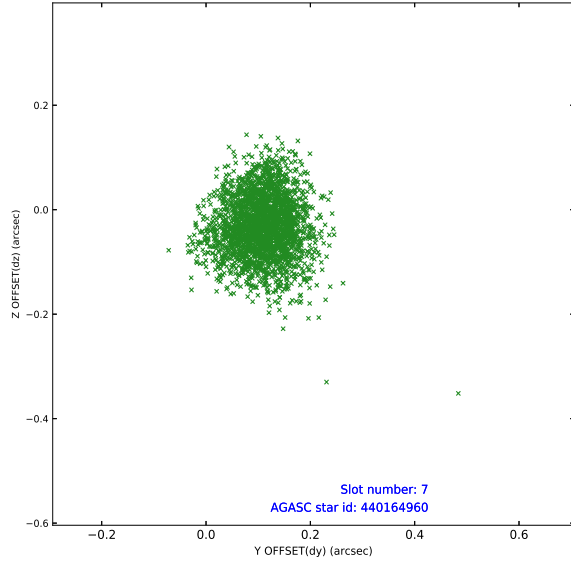
2.4.3 Slot 5



2.4.4 Slot 6

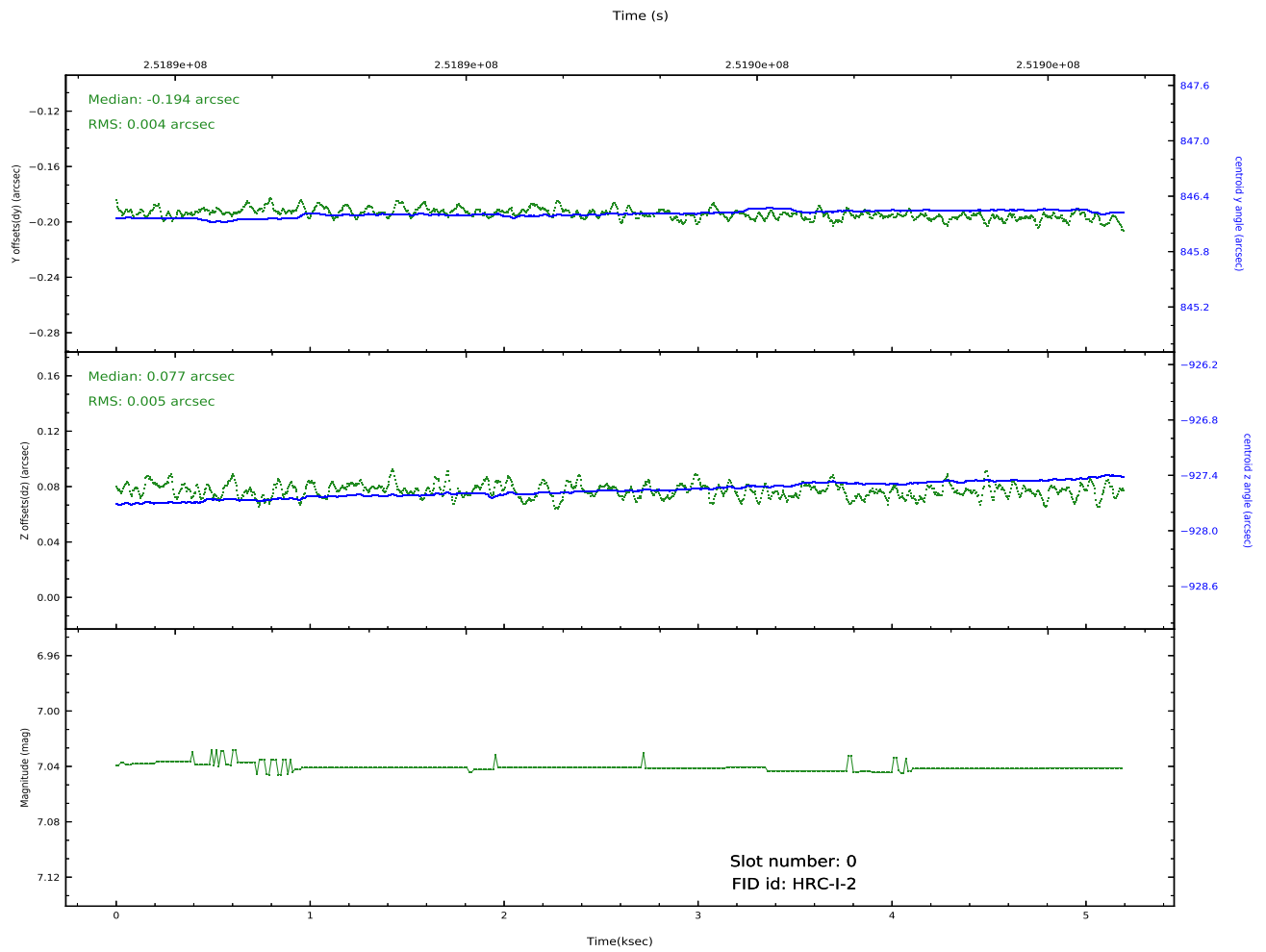
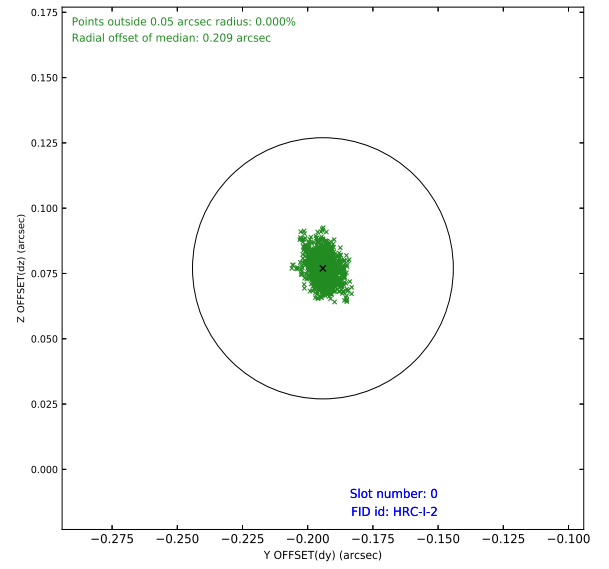
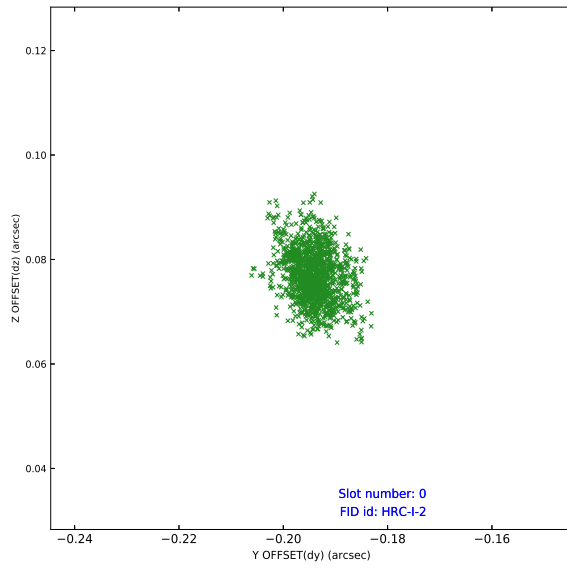


2.4.5 Slot 7

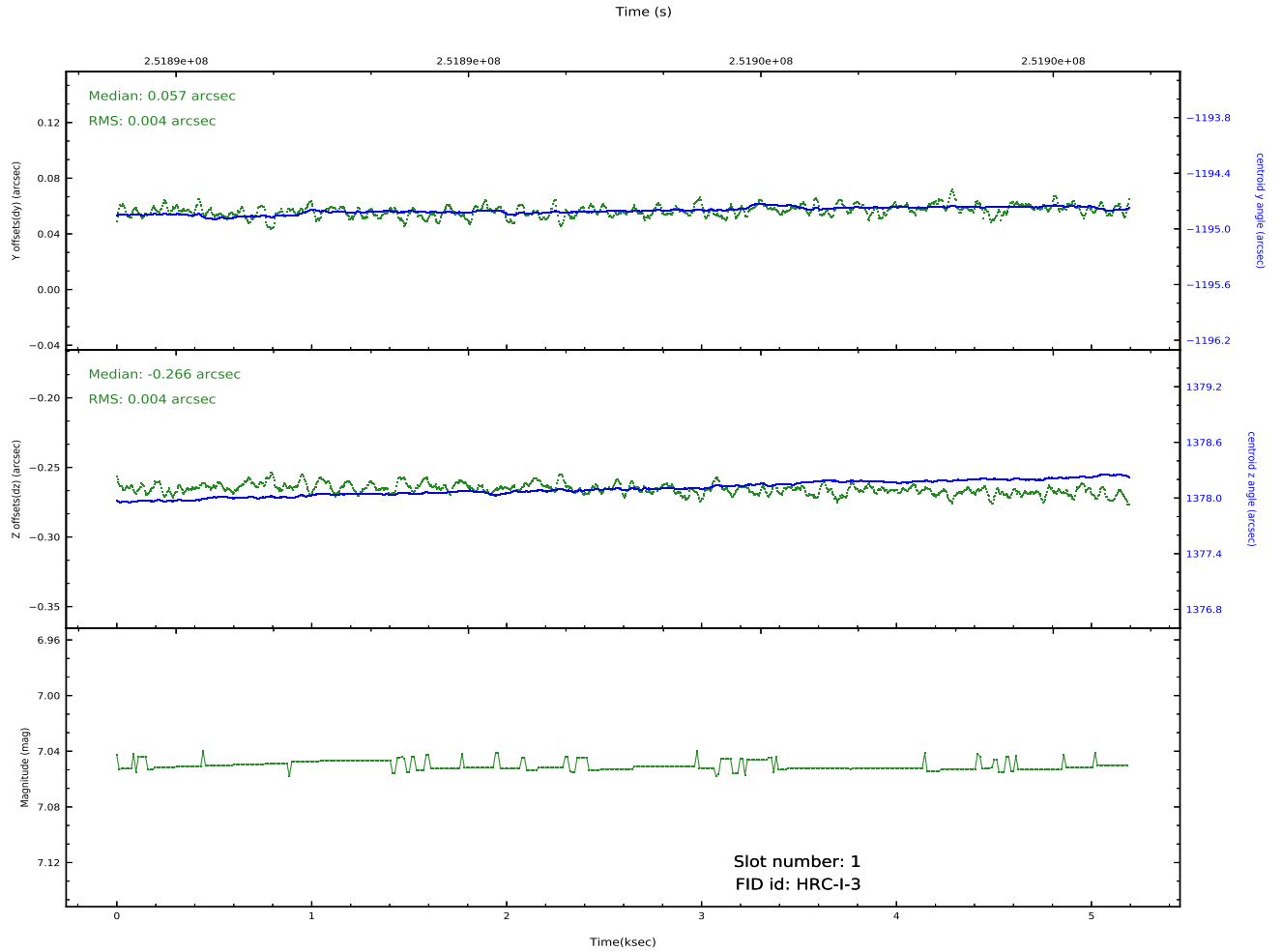
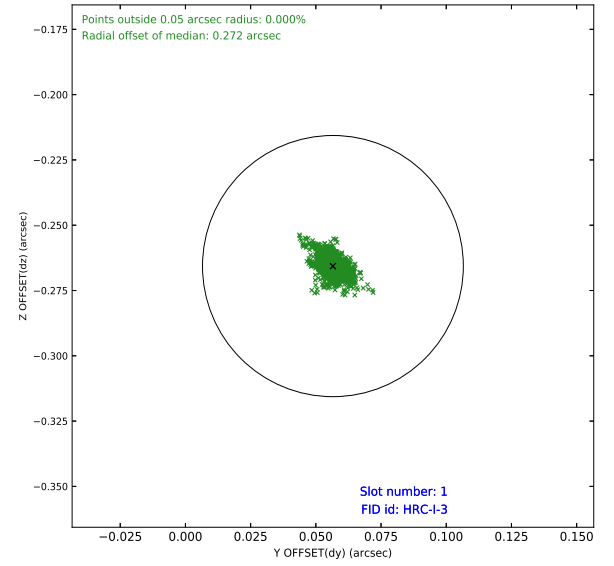
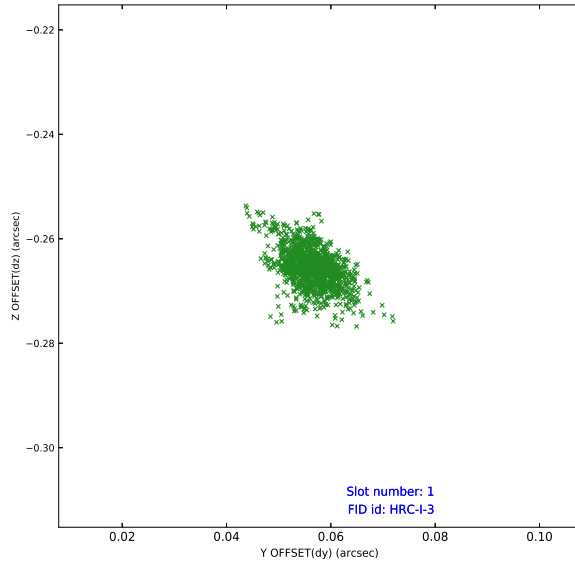


2.5 FID Slots

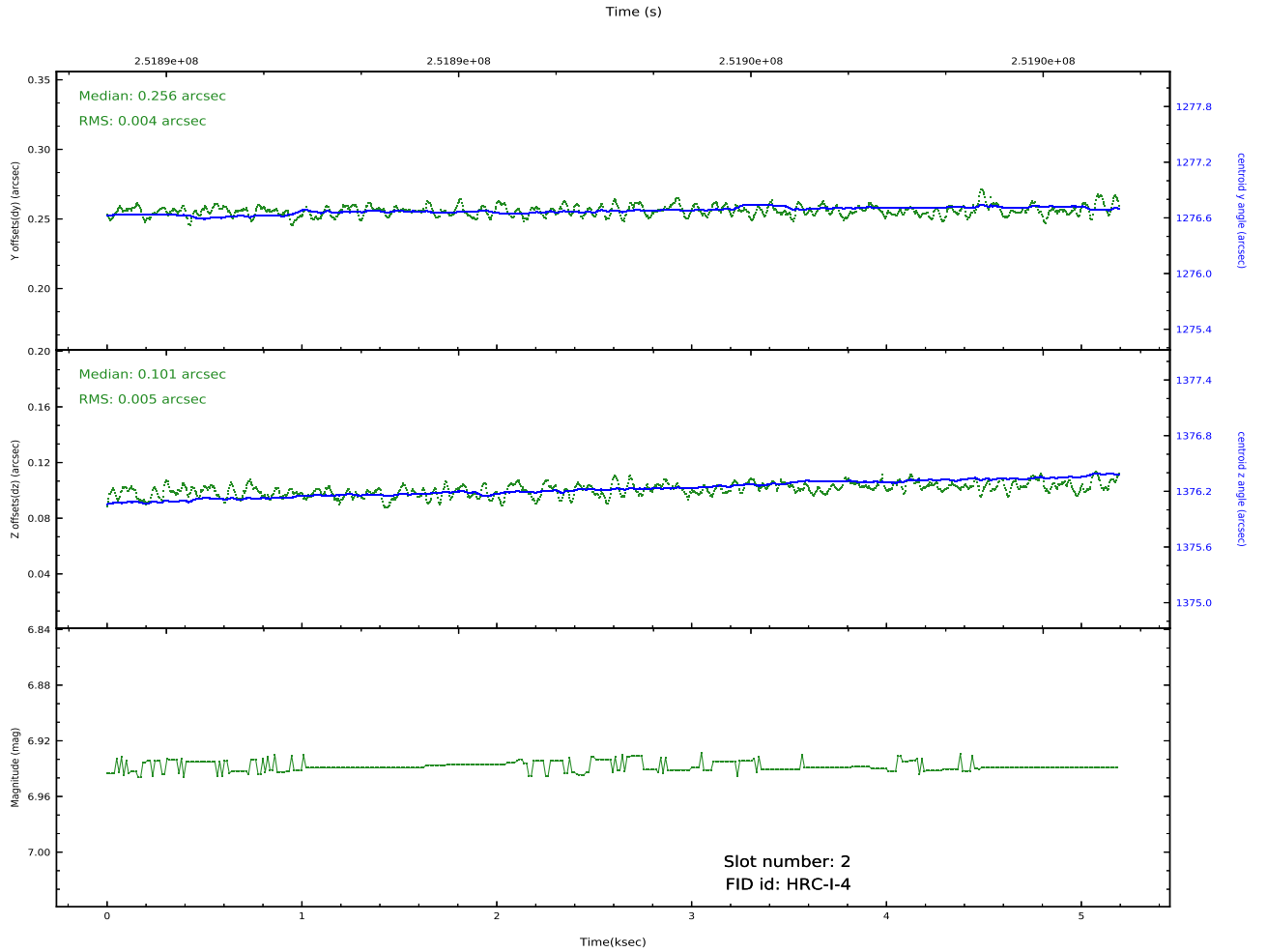
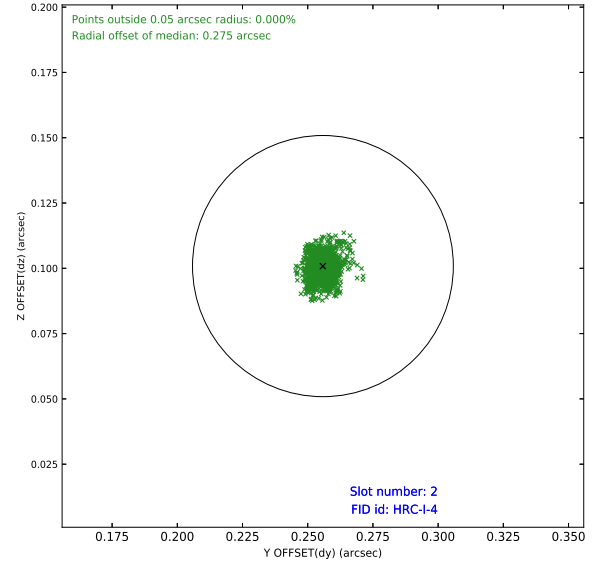
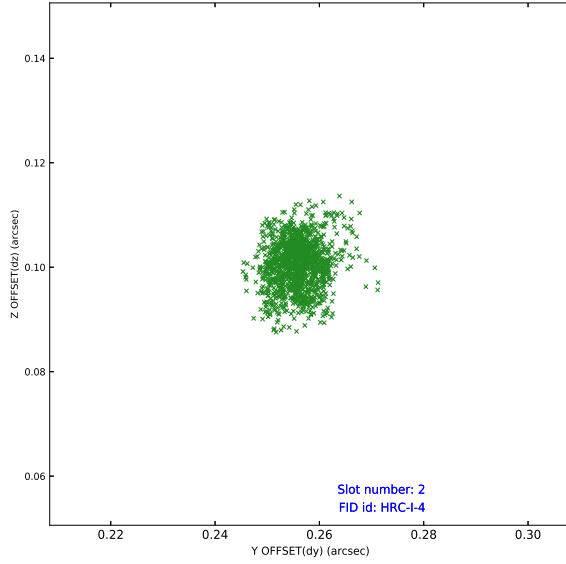
2.5.1 Slot 0



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)	2020.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.193931

A.2 Comments