

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5984 - L2 Version 5
Chandra X-Ray Center

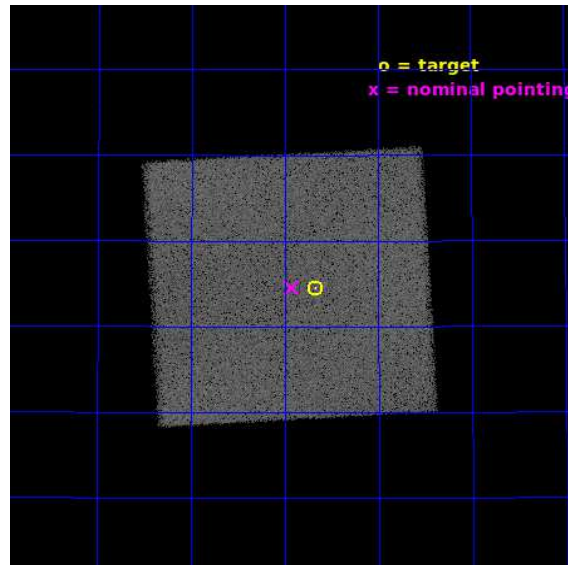
L2 Processing Date : Oct 10 2020

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1 Front

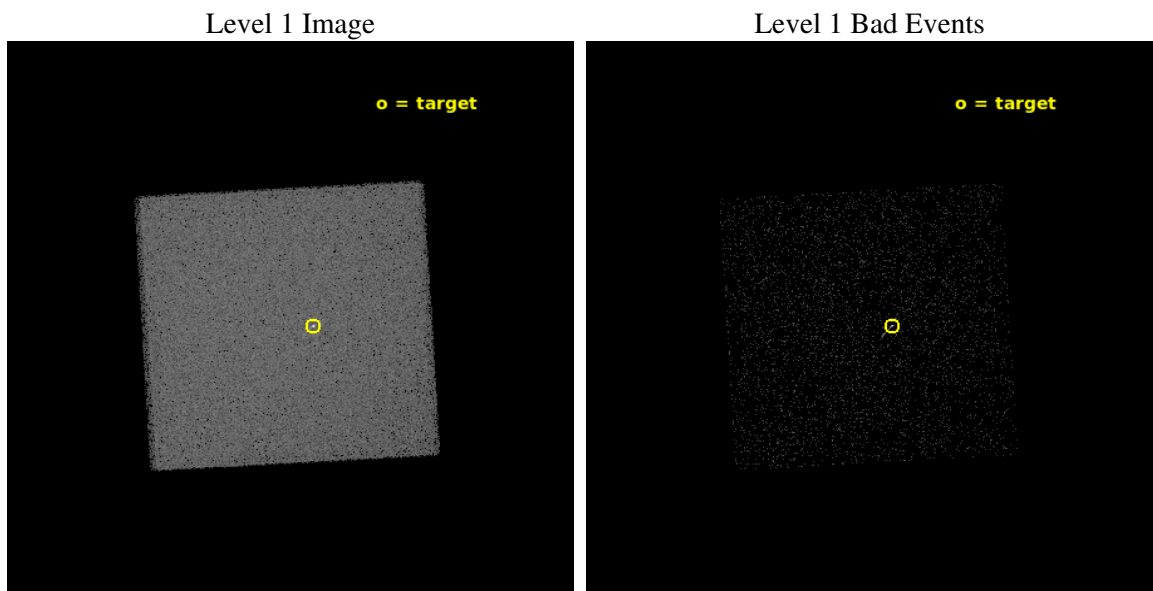
seq_num	290476	Sequence number
obs_id	5984	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23092424852	Nominal RA [deg]
dec_nom	45.74244227297	Nominal Dec [deg]
roll_nom	221.70119302677	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1182.0813043714	[s]
livetime	330.81419627497	Ontime multiplied by DTCOR
l2events	168756	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	10.9.1	Processing system revision	ontime	1182.0813043714	[s]
caldbver	4.9.2	 	l1events	278181	Number of level 1 events
date	2020-10-10T13:58:16	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

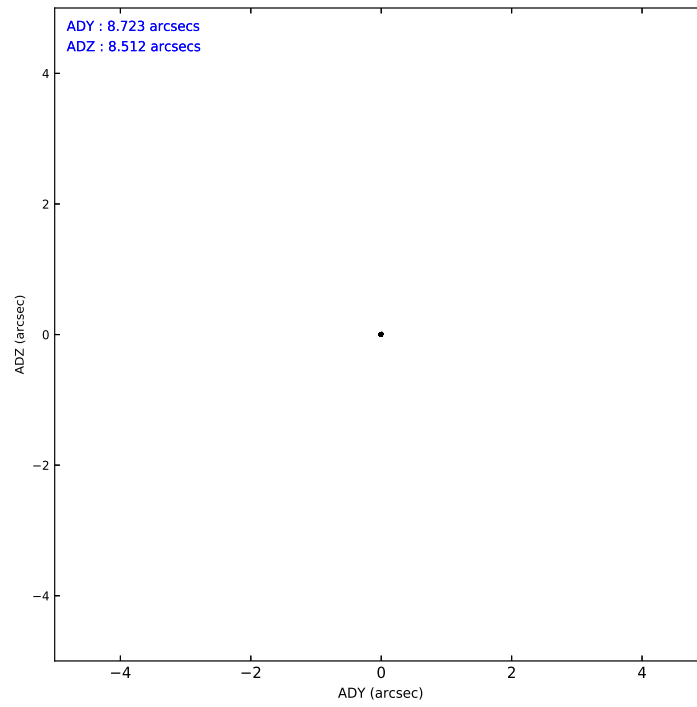
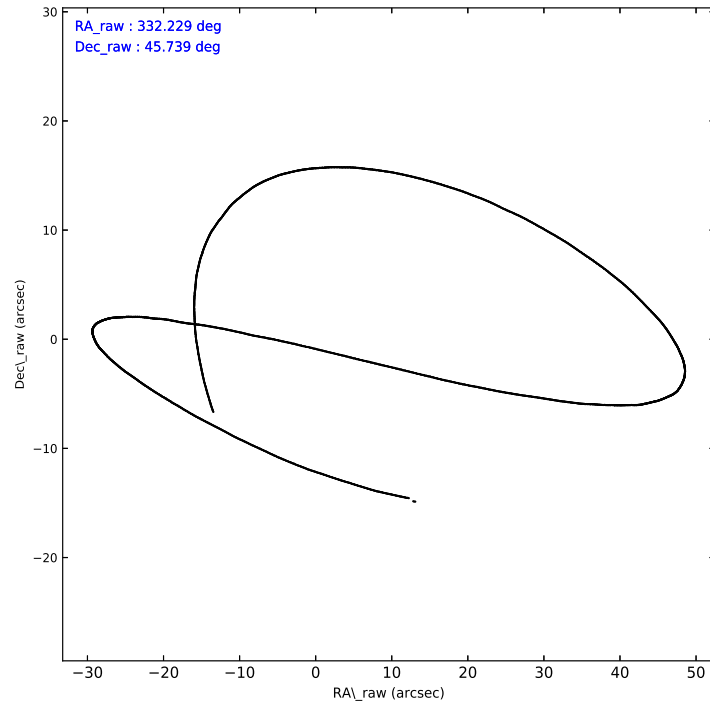
	segment 0
level 1 events	278181
rejected events	60150
rejected %	21%

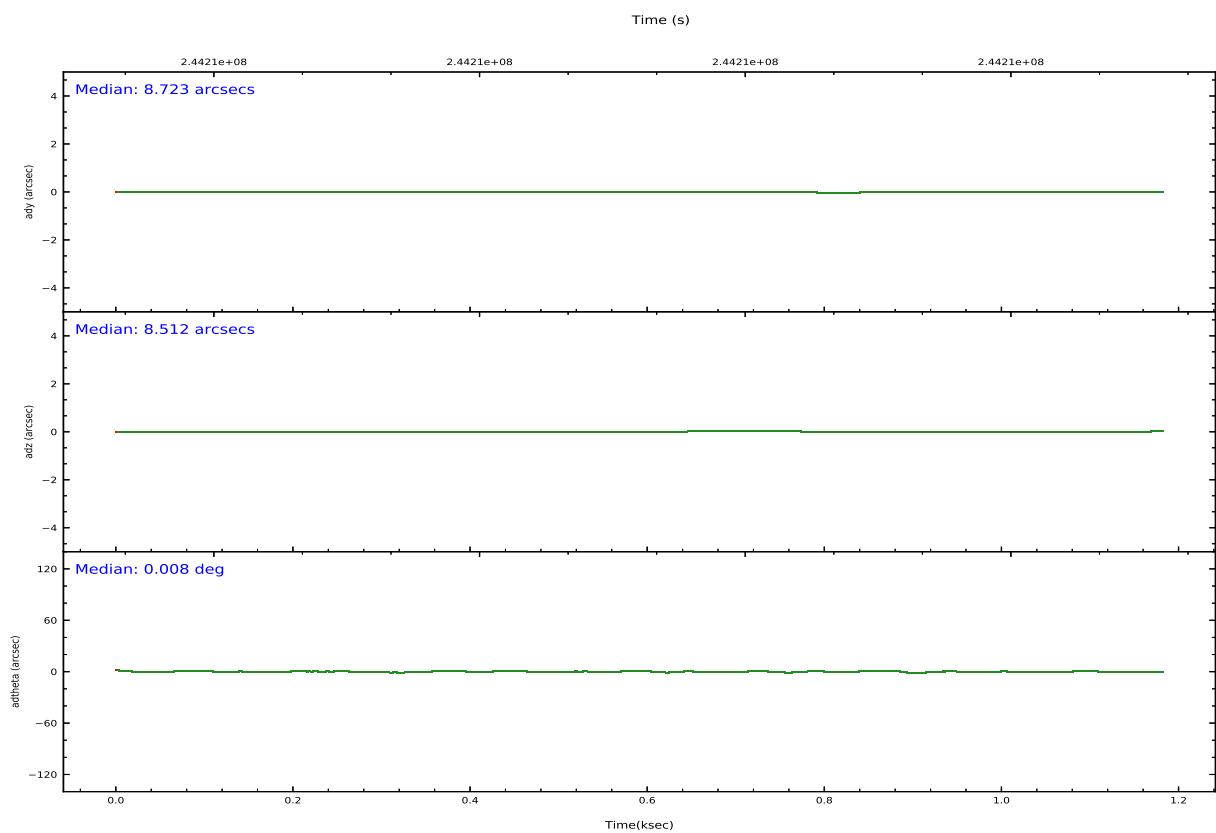
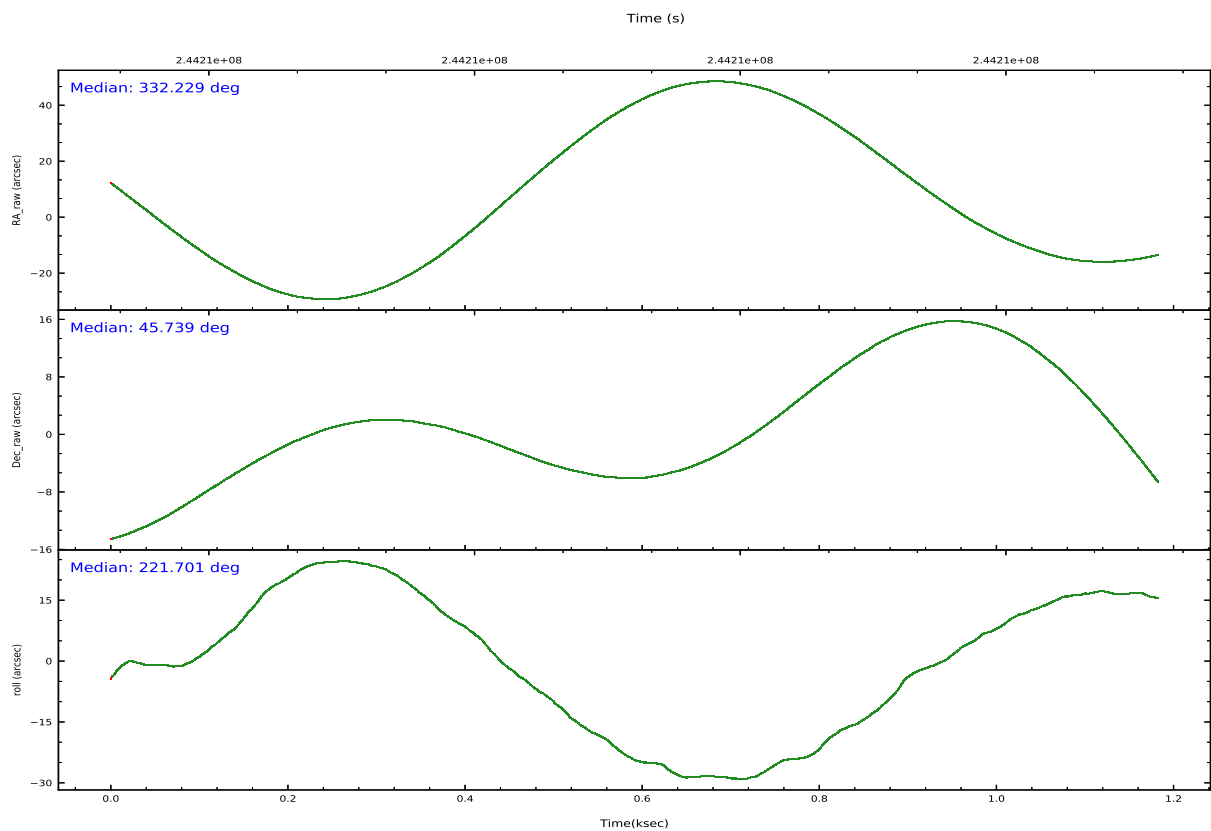
2.2 Compared Parameters

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	332.243134	332.23092424852
[deg] Pointing Dec	45.764267	45.74244227297
[deg] Pointing Roll	221.800407	221.70119302677
[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)	244206772.184000	244206395.93493
Observation start date	2005-09-27T11:11:48	2005-09-27T11:06:35
[s] Observation end time (MET)	244207772.184000	244207905.76
Observation end date	2005-09-27T11:28:28	2005-09-27T11:31:45

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

2.3 Aspect



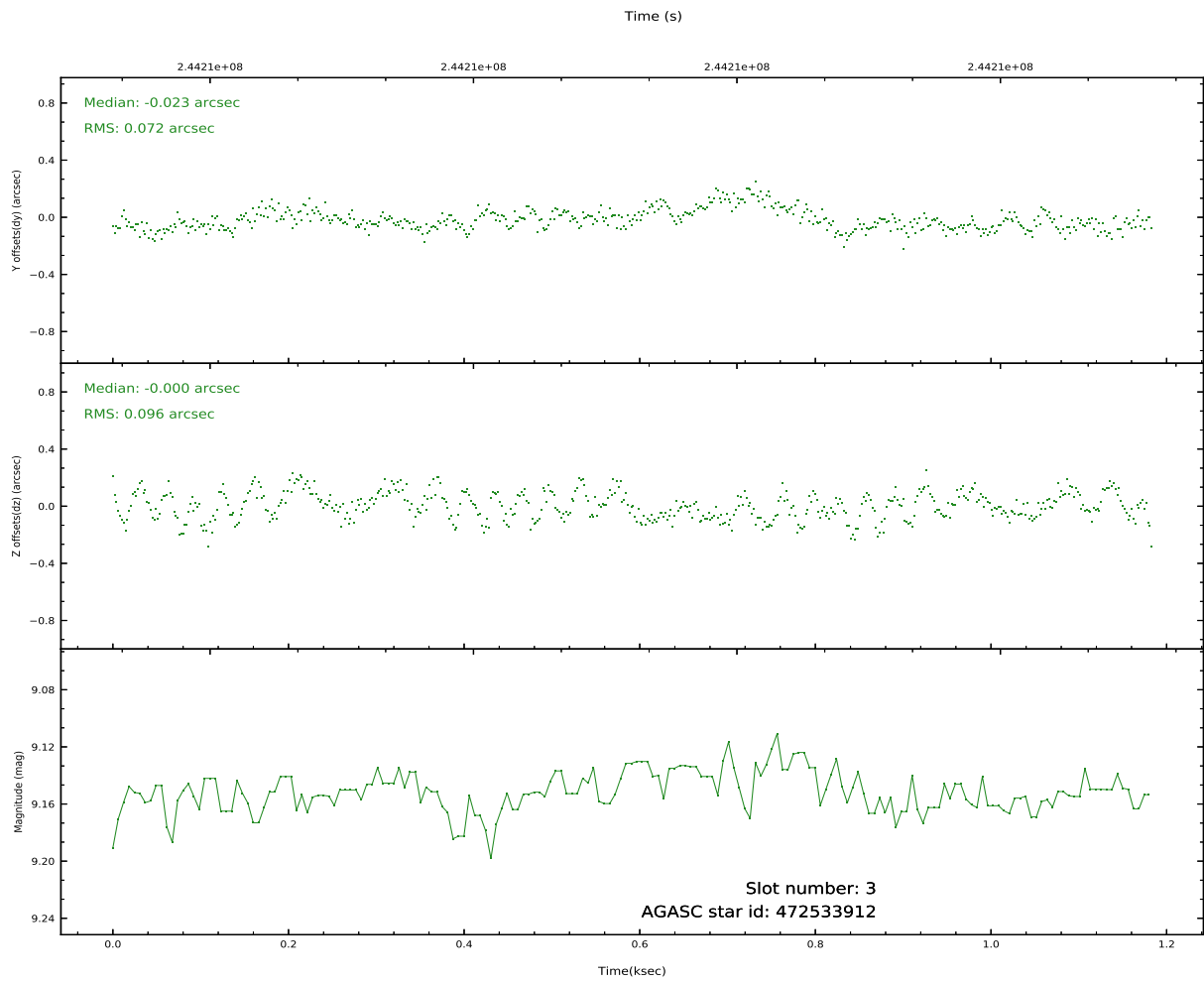
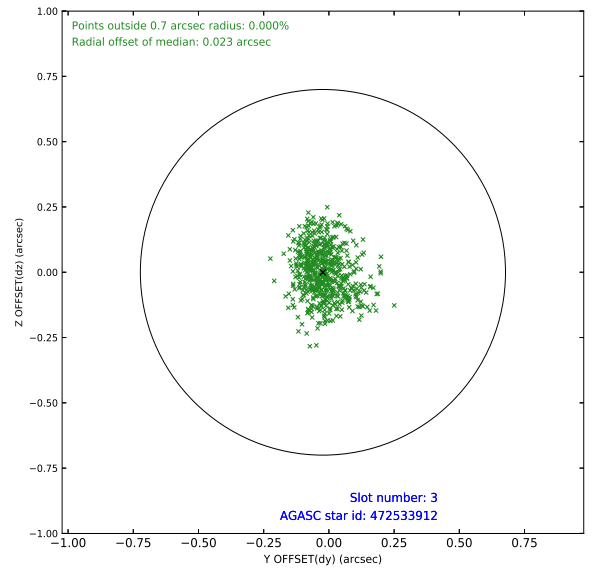
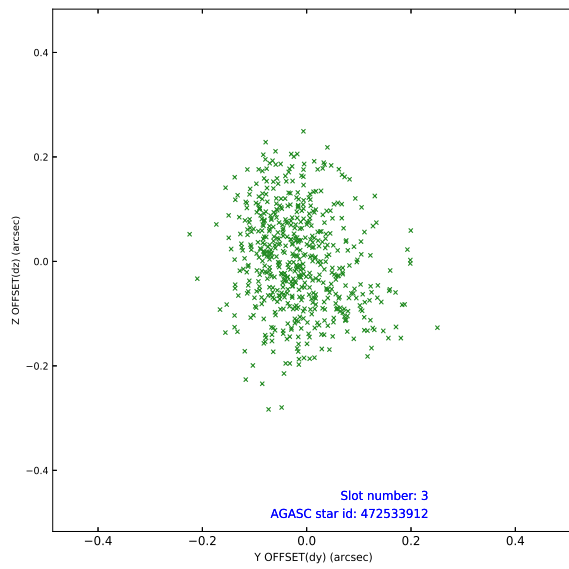


Slot Statistics

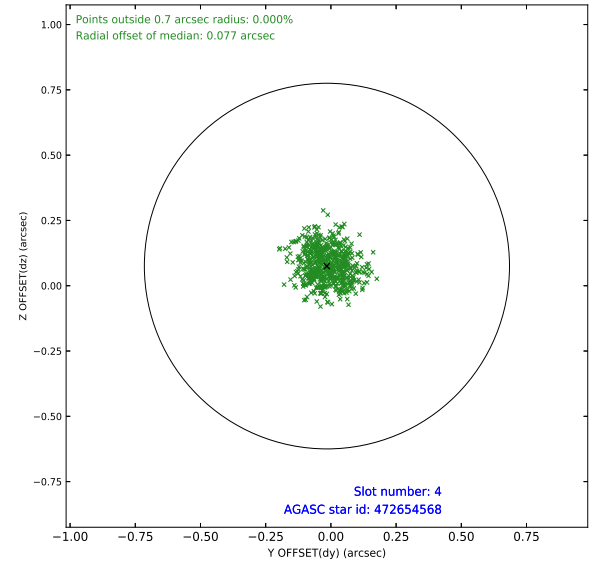
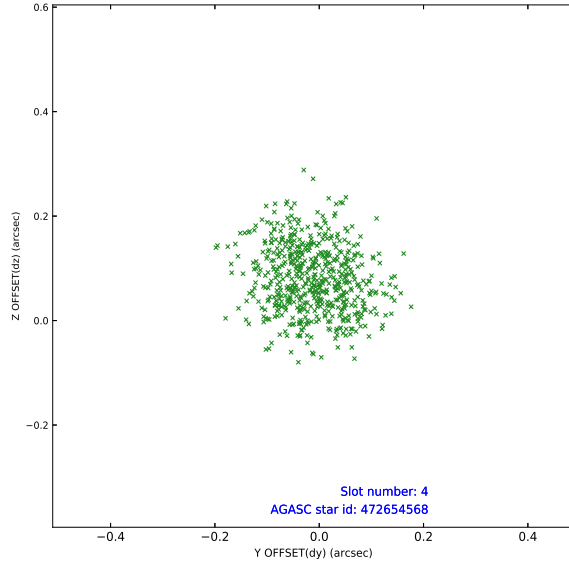
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-2	7.02	289	1.000	0.097	-0.115	0.007	0.011	0.000000	0.000000	848.38	-1298
1	FID		HRC-I-3	7.06	289	1.000	-0.104	0.039	0.005	0.009	0.000000	0.000000	-1190.01	1003
2	FID		HRC-I-4	7.01	289	1.000	0.125	-0.011	0.007	0.010	0.000000	0.000000	1274.44	1009
3	GUIDE	used	472533912	9.15	578	1.000	-0.023	-0.000	0.130	0.202	331.791136	46.368695	-616.04	-2369
4	GUIDE	used	472654568	9.43	578	1.000	-0.015	0.075	0.100	0.157	332.194449	45.063576	1771.77	1797
5	GUIDE	used	472655152	9.42	578	1.000	0.021	-0.116	0.122	0.191	332.504239	45.862991	-723.23	177
6	GUIDE	used	472665256	9.01	578	1.000	0.055	0.081	0.098	0.161	332.808125	46.195041	-2088.46	-217
7	GUIDE	used	472649352	9.78	570	1.000	-0.030	-0.048	0.135	0.248	332.034169	45.325407	1442.54	828

2.4 Star Slots

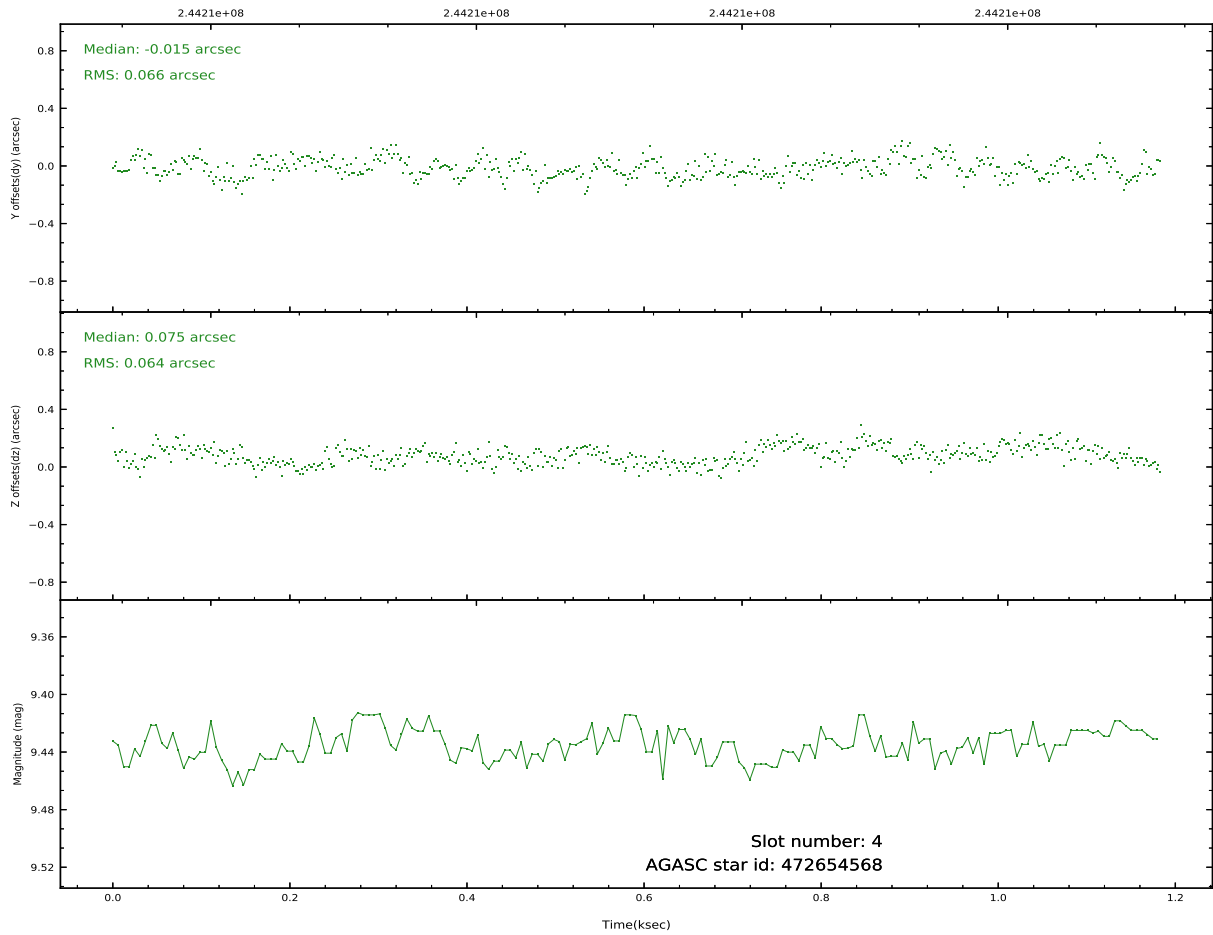
2.4.1 Slot 3



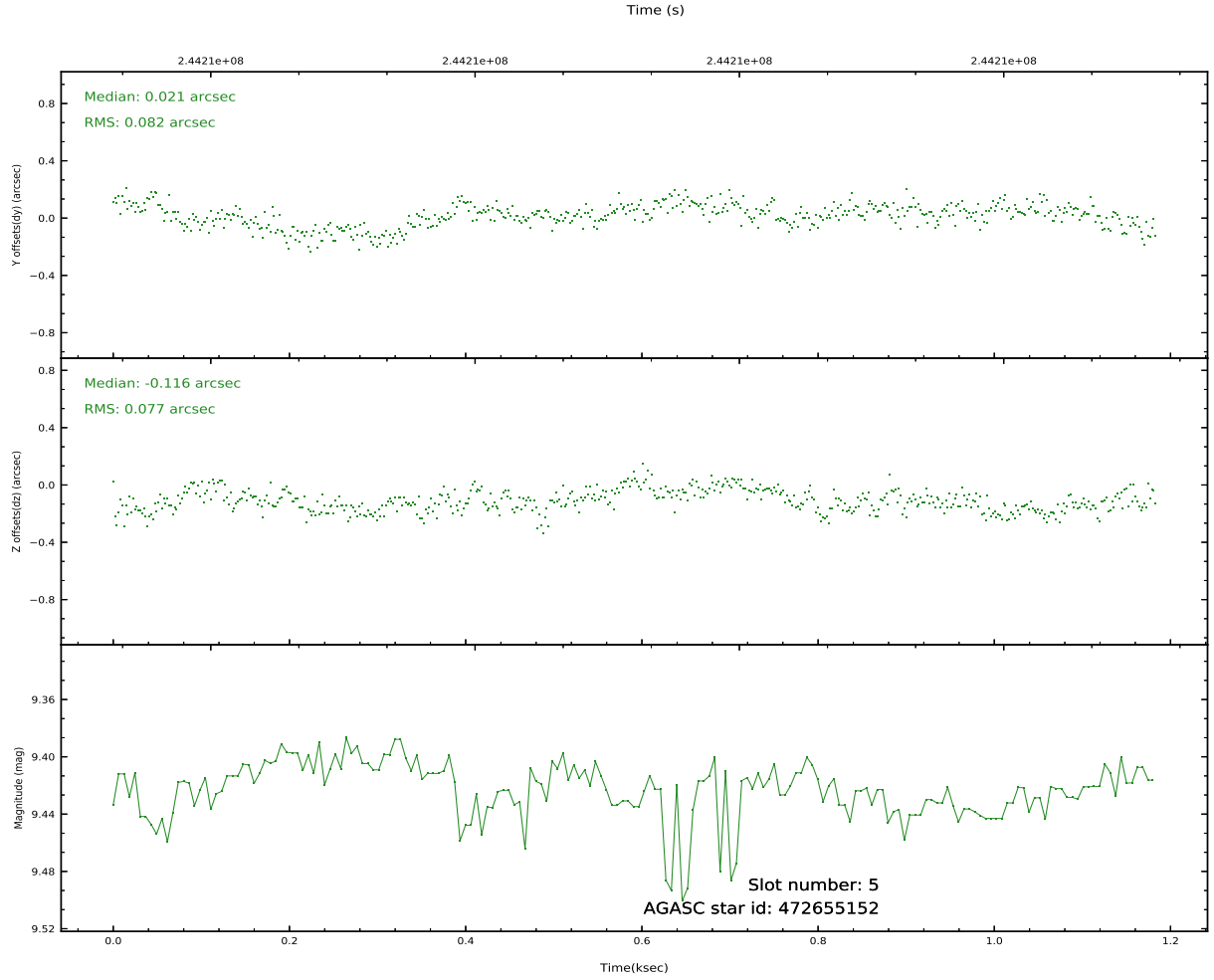
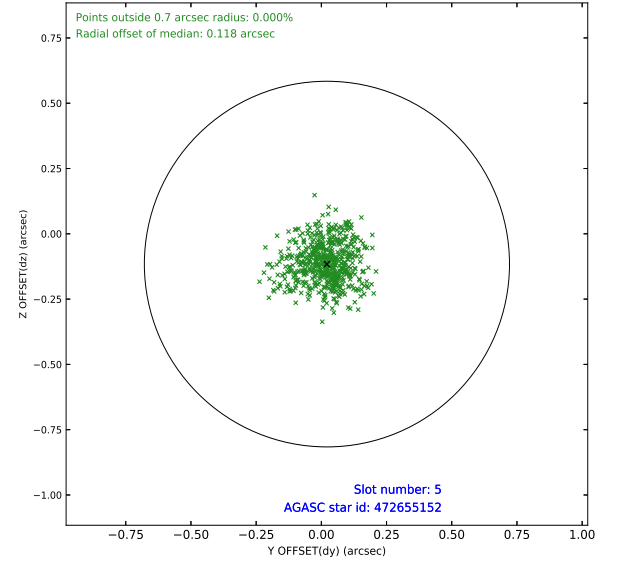
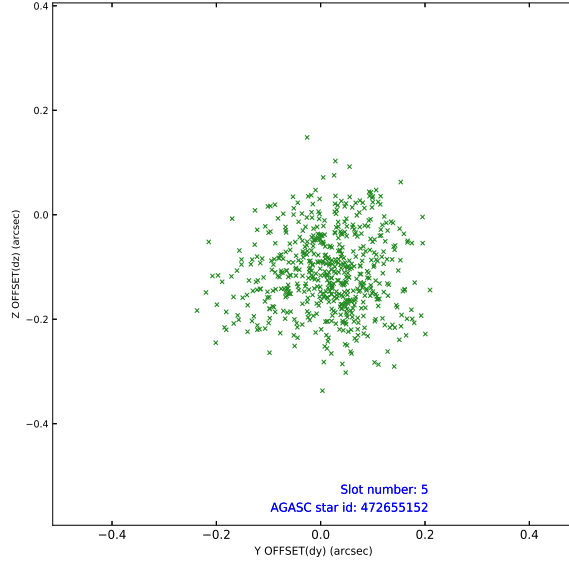
2.4.2 Slot 4



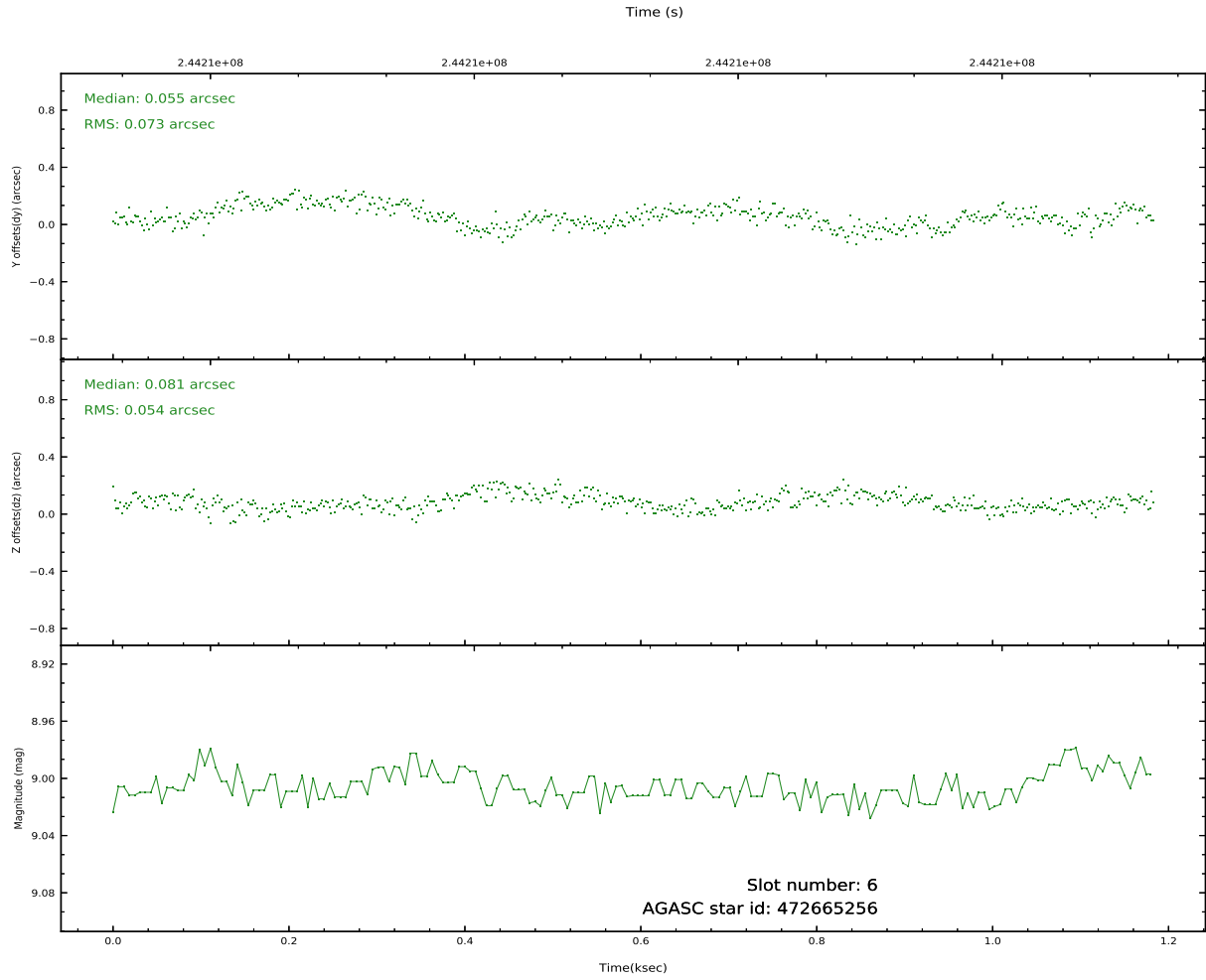
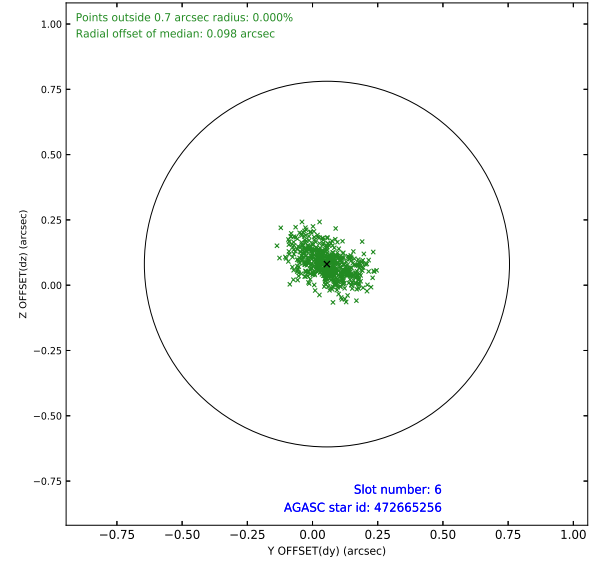
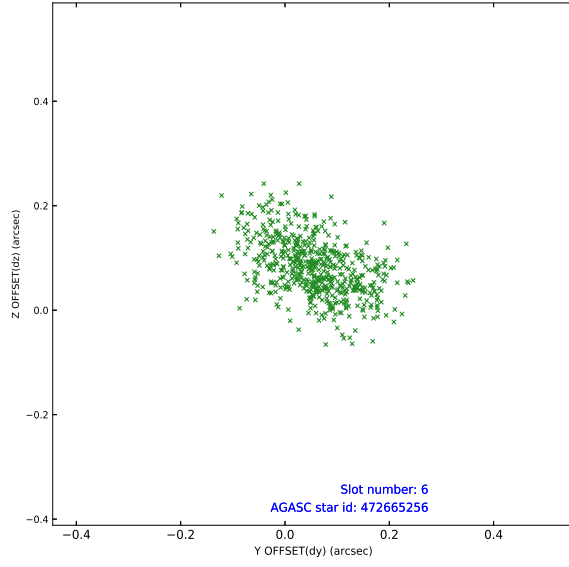
Time (s)



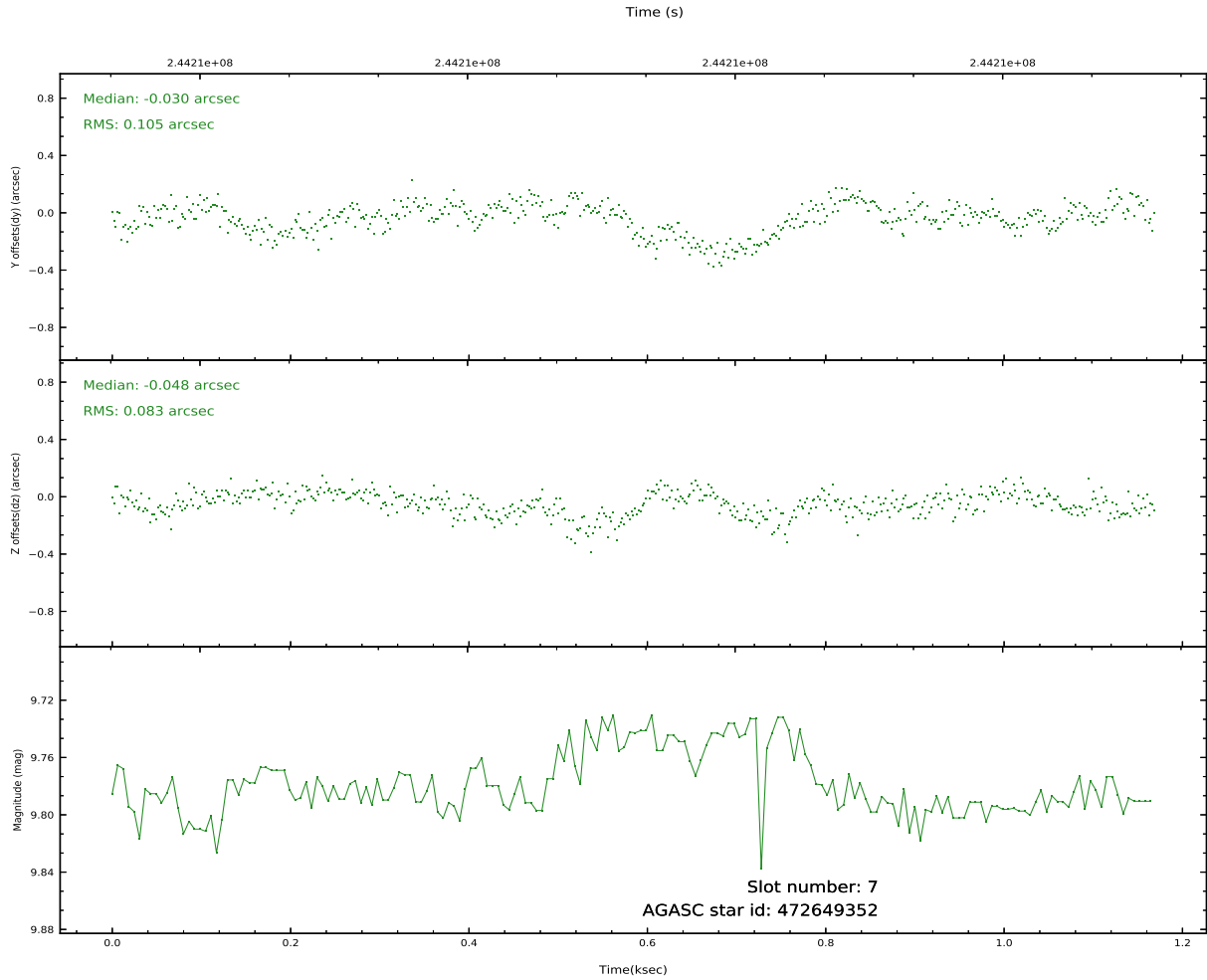
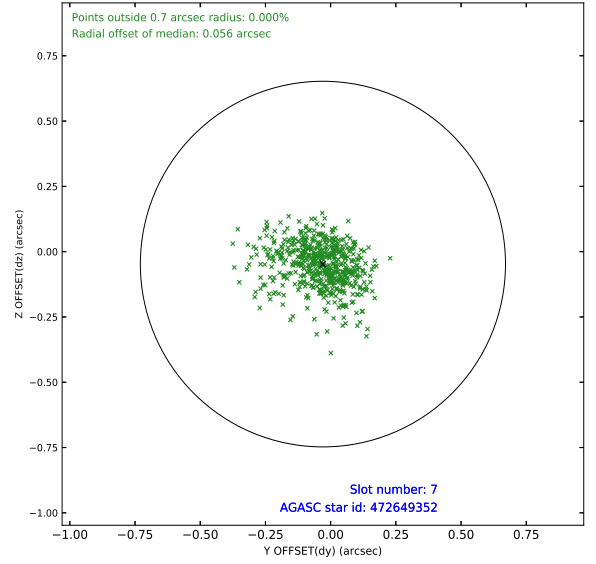
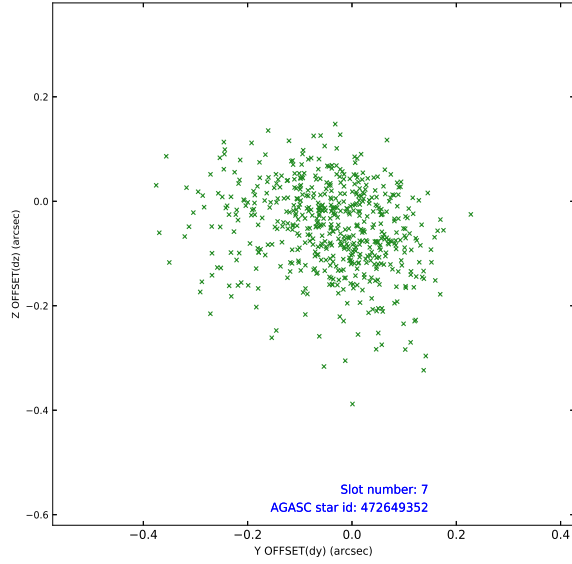
2.4.3 Slot 5



2.4.4 Slot 6

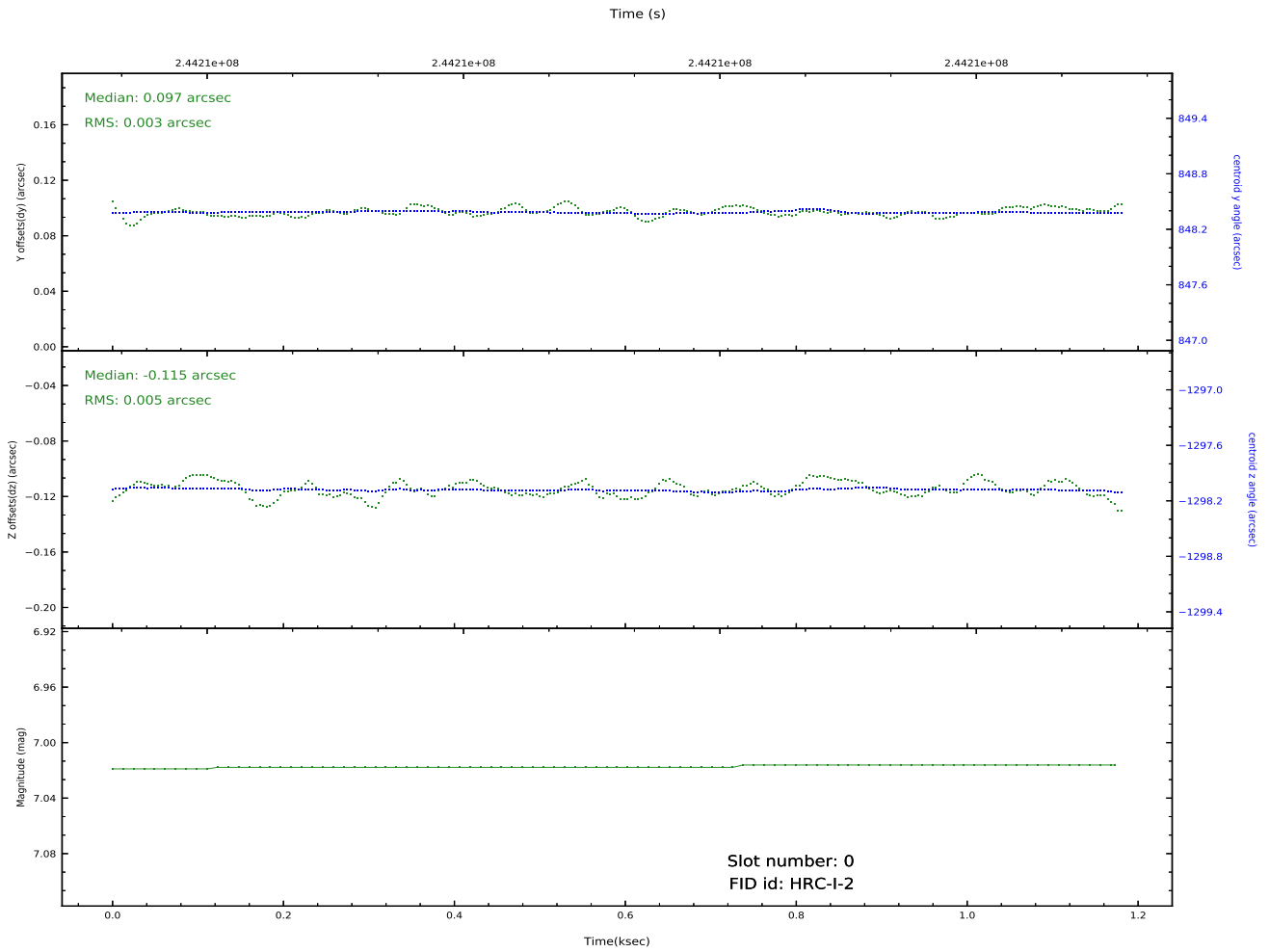
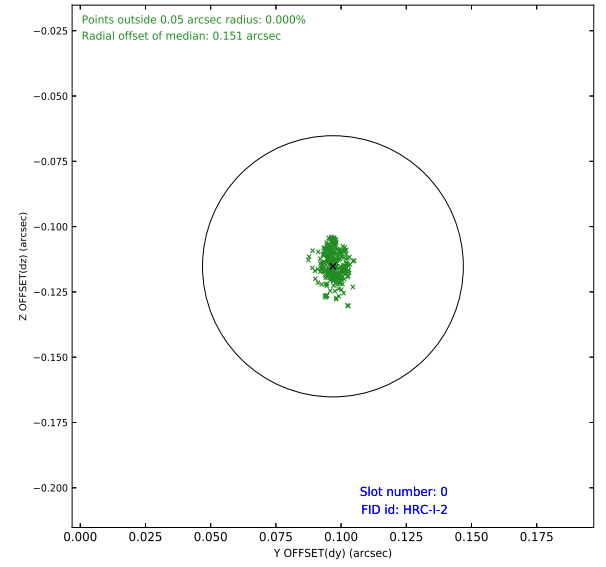
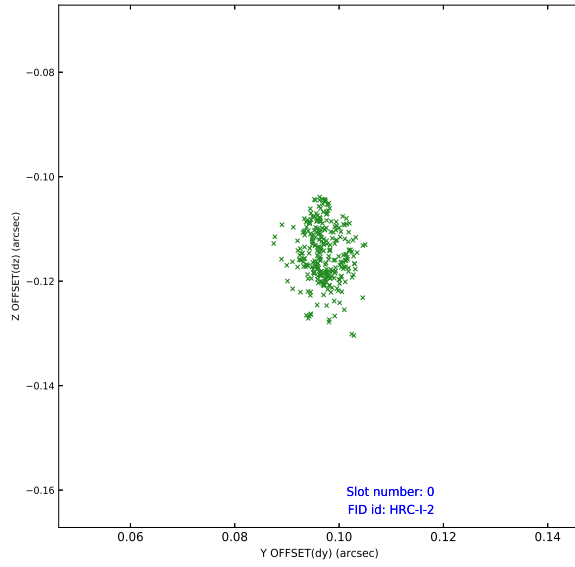


2.4.5 Slot 7

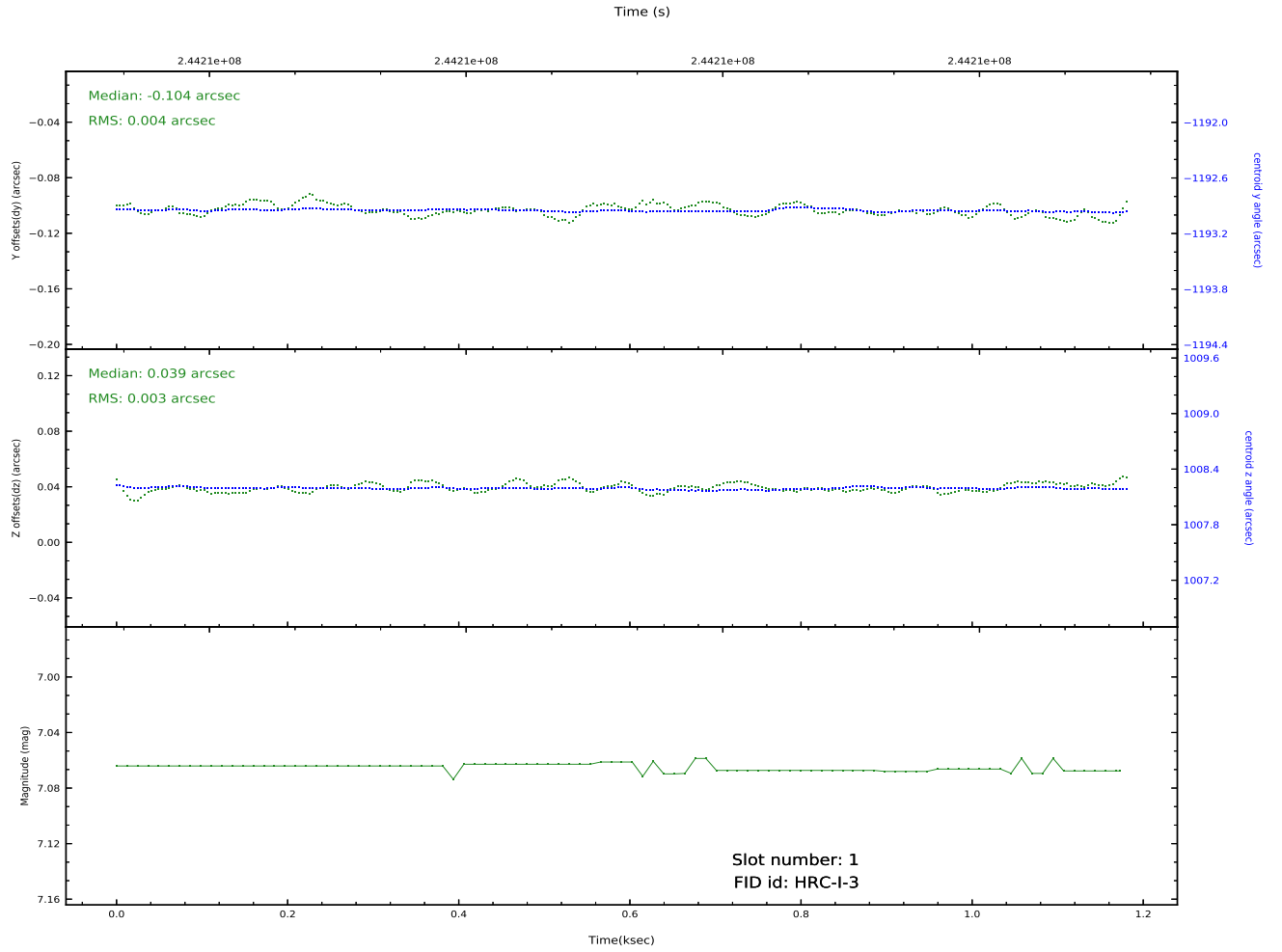
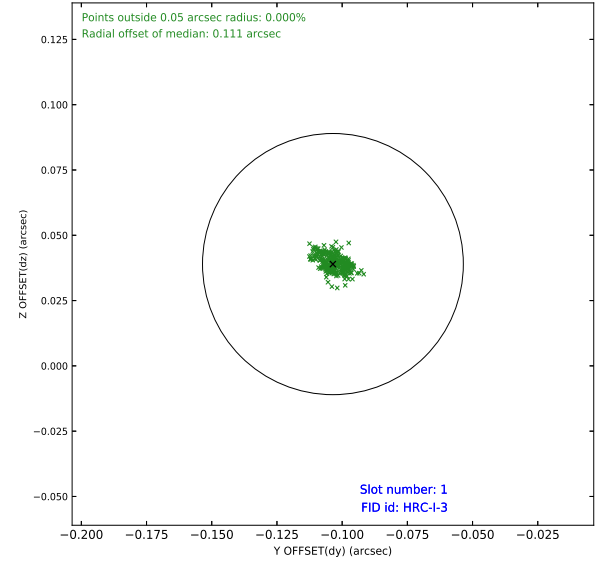
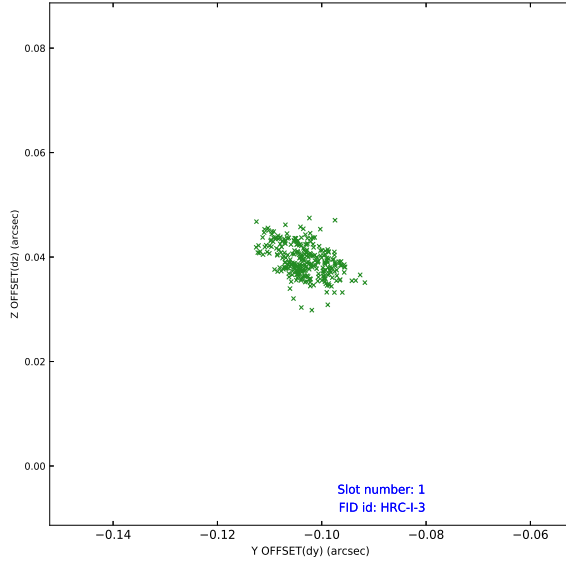


2.5 FID Slots

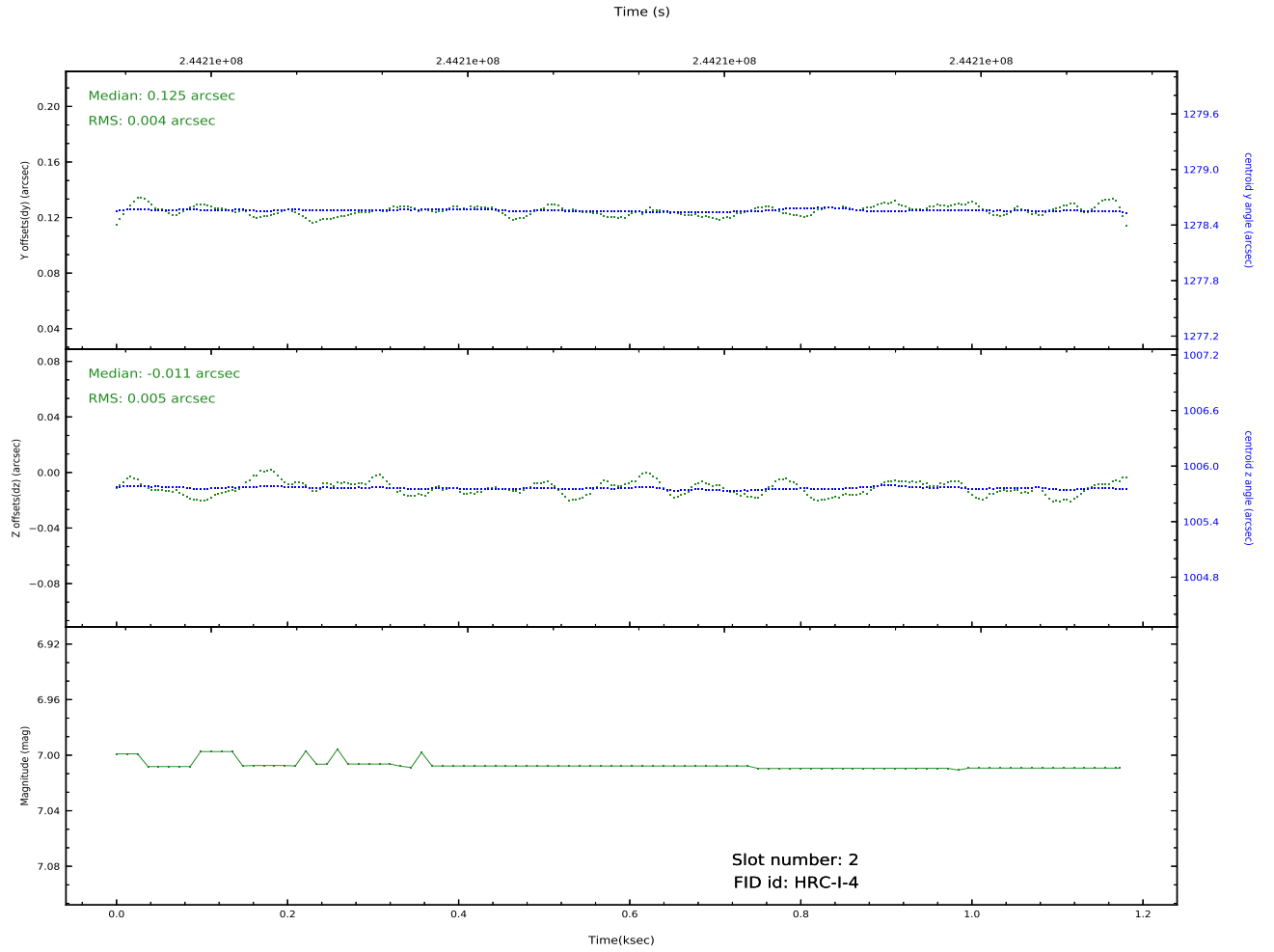
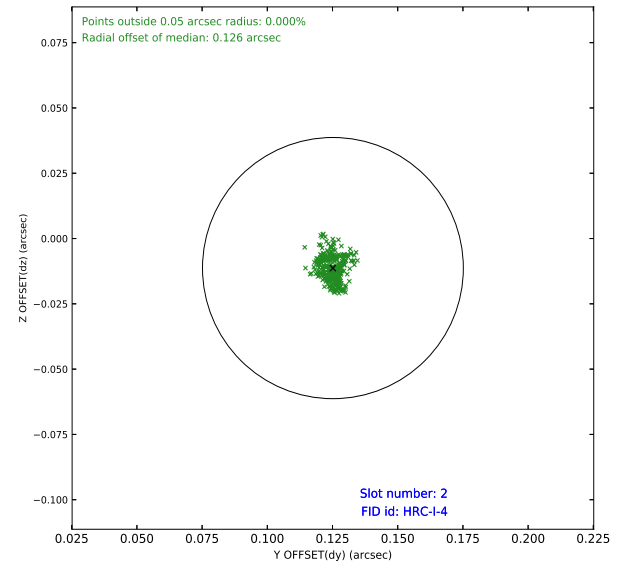
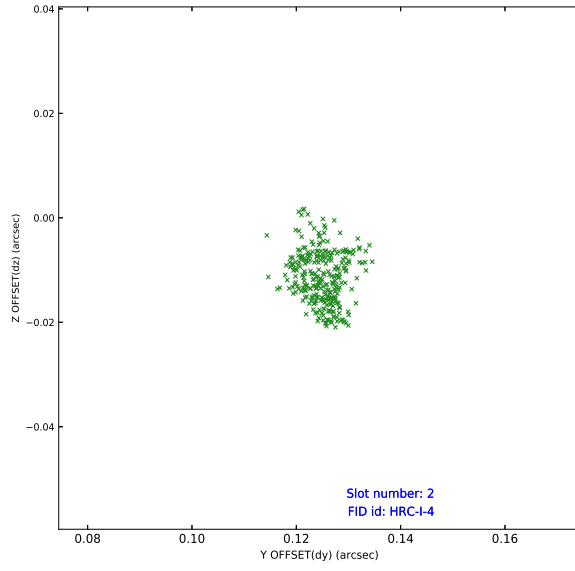
2.5.1 Slot 0



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)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.182081

A.2 Comments