

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4851 - L2 Version 5
Chandra X-Ray Center

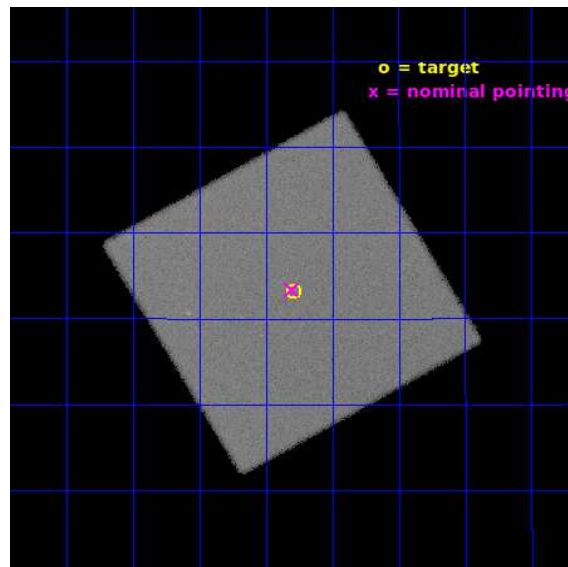
L2 Processing Date : Sep 25 2020

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

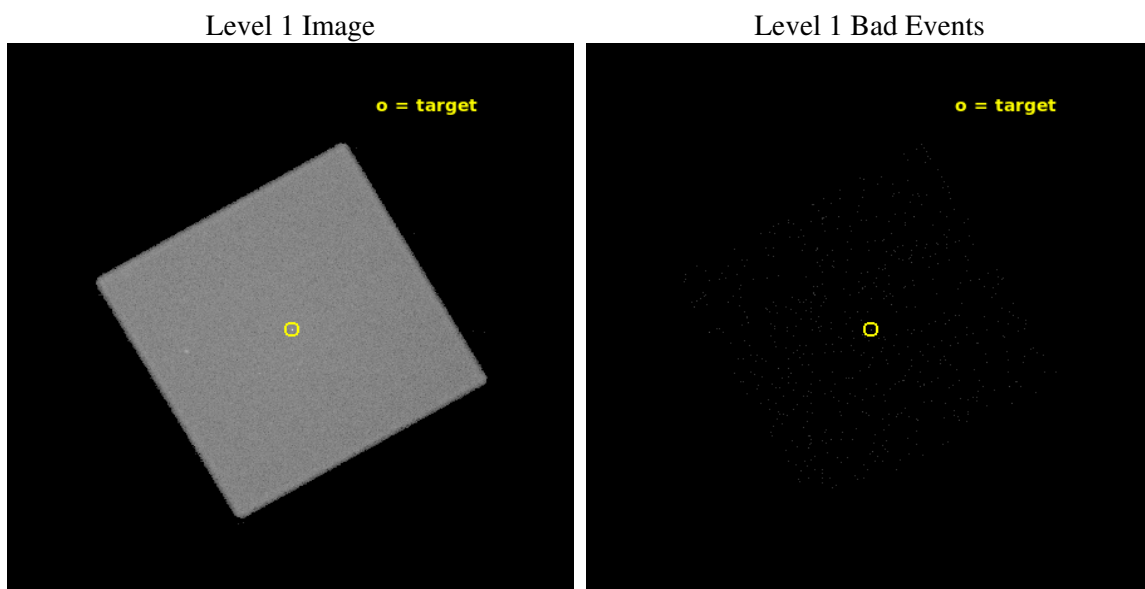
seq_num	700933	Sequence number
obs_id	4851	Observation id
title	EXTENDED EMISSION AND ACCRETION RATES IN BL LACERTAE OBJECTS	Propo
observer	Dr. Rita Sambruna	Principal investigator
object	PKS 2254+074	Source name
ra_targ	344.322083	Observer's specified target RA [deg]
dec_targ	7.720083	Observer's specified target Dec [deg]
ra_nom	344.3261557644	Nominal RA [deg]
dec_nom	7.7229475948252	Nominal Dec [deg]
roll_nom	104.98678125474	Nominal Roll [deg]
revision	5	Processing version of data
ontime	20543.050906032	[s]
livetime	20416.210525778	Ontime multiplied by DTCOR
l2events	655295	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	20670.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	20543.050906032	[s]
caldbver	4.9.2	 	l1events	988585	Number of level 1 events
date	2020-09-25T19:19:38	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

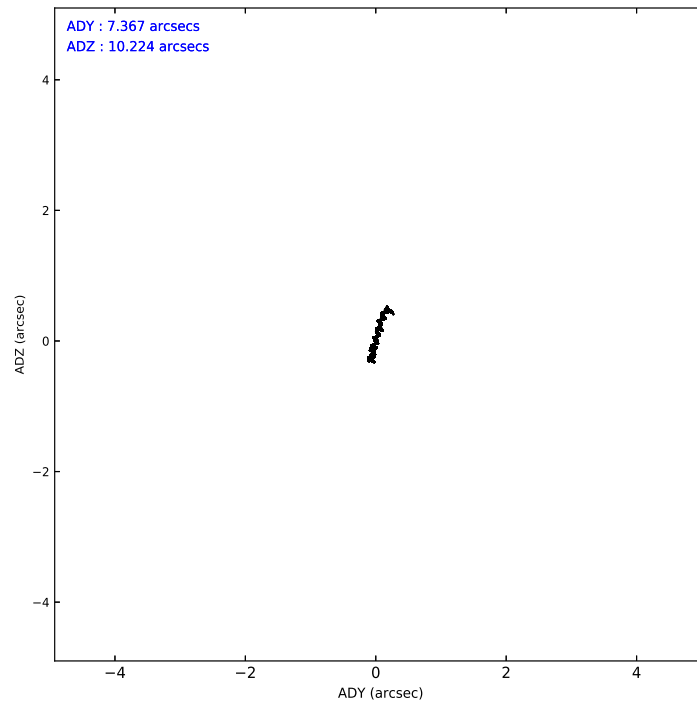
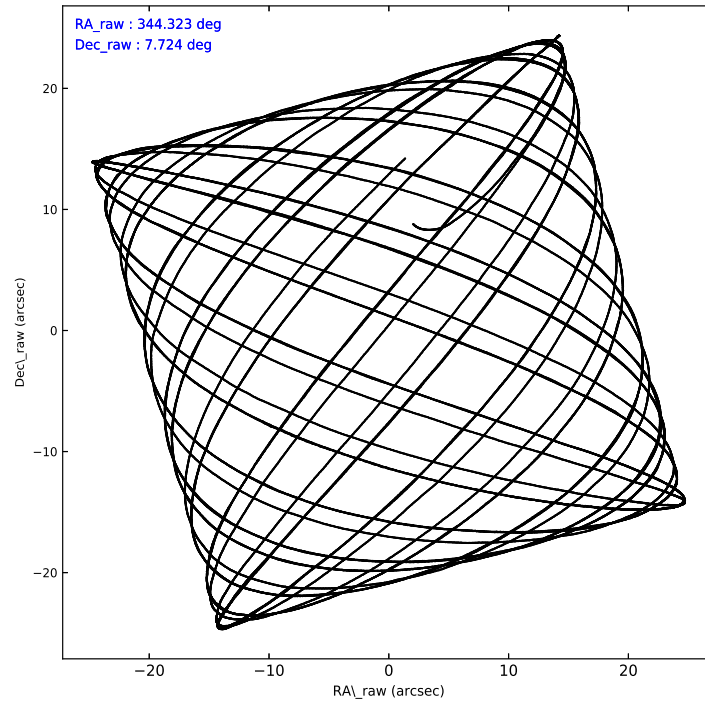
	segment 0
level 1 events	988585
rejected events	8166
rejected %	0%

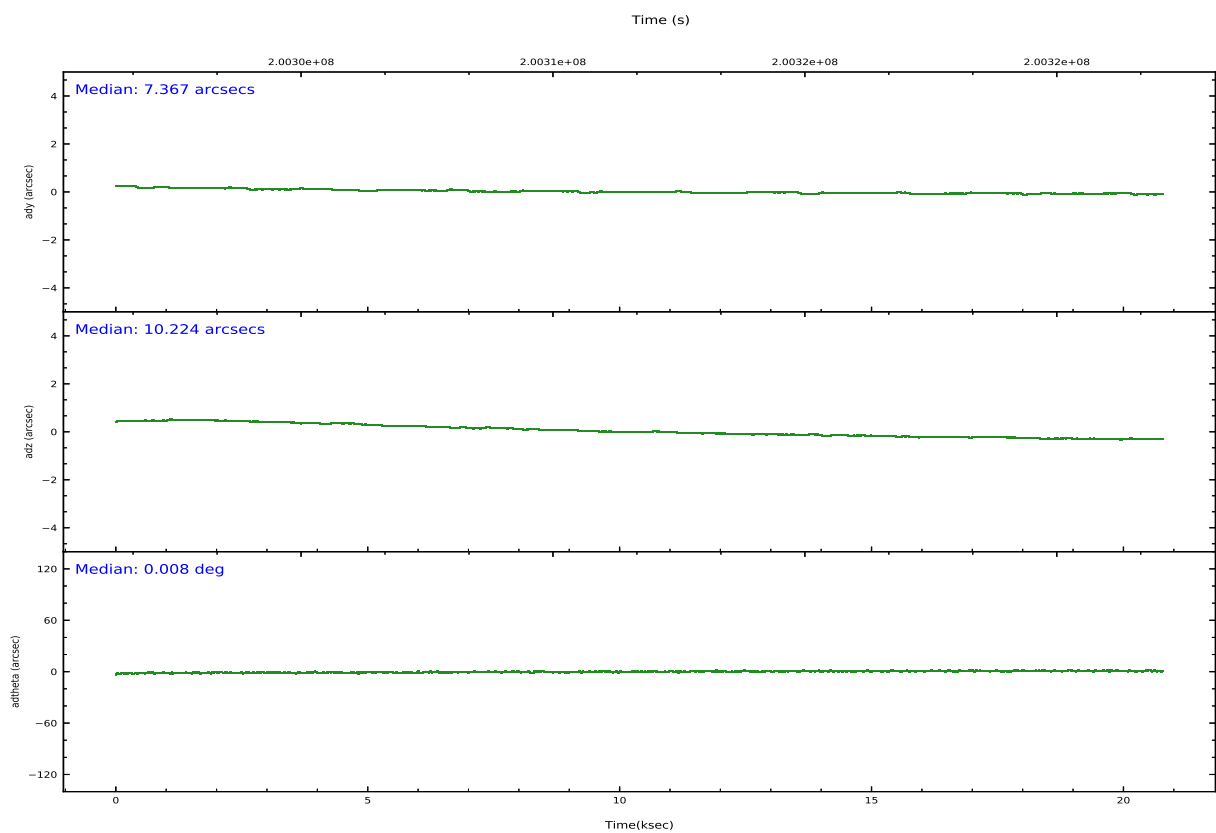
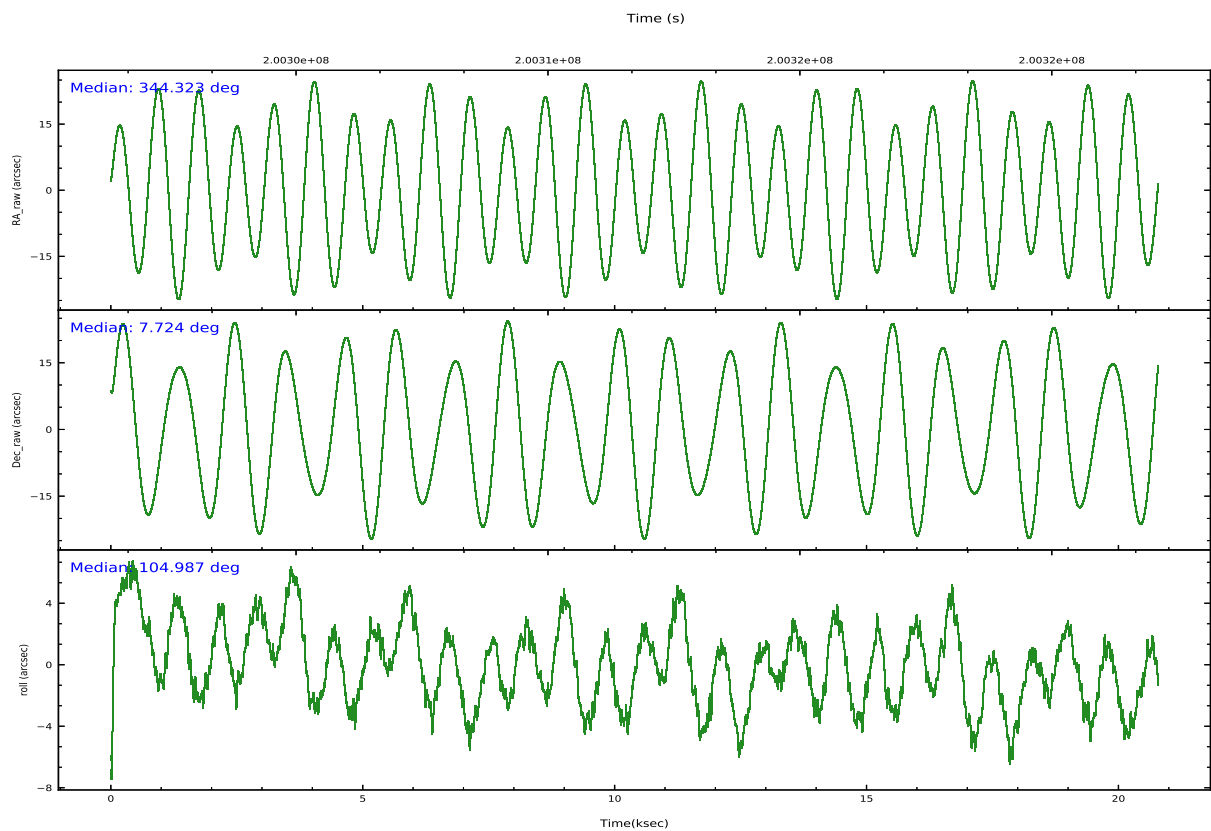
2.2 Compared Parameters

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	344.342432	344.3261557644
[deg] Pointing Dec	7.705499	7.7229475948252
[deg] Pointing Roll	105.094805	104.98678125474
[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)	200301441.184000	200300464.62997
Observation start date	2004-05-07T07:16:17	2004-05-07T07:01:04
[s] Observation end time (MET)	200322111.184000	200323778.7685
Observation end date	2004-05-07T13:00:47	2004-05-07T13:29:38

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

2.3 Aspect



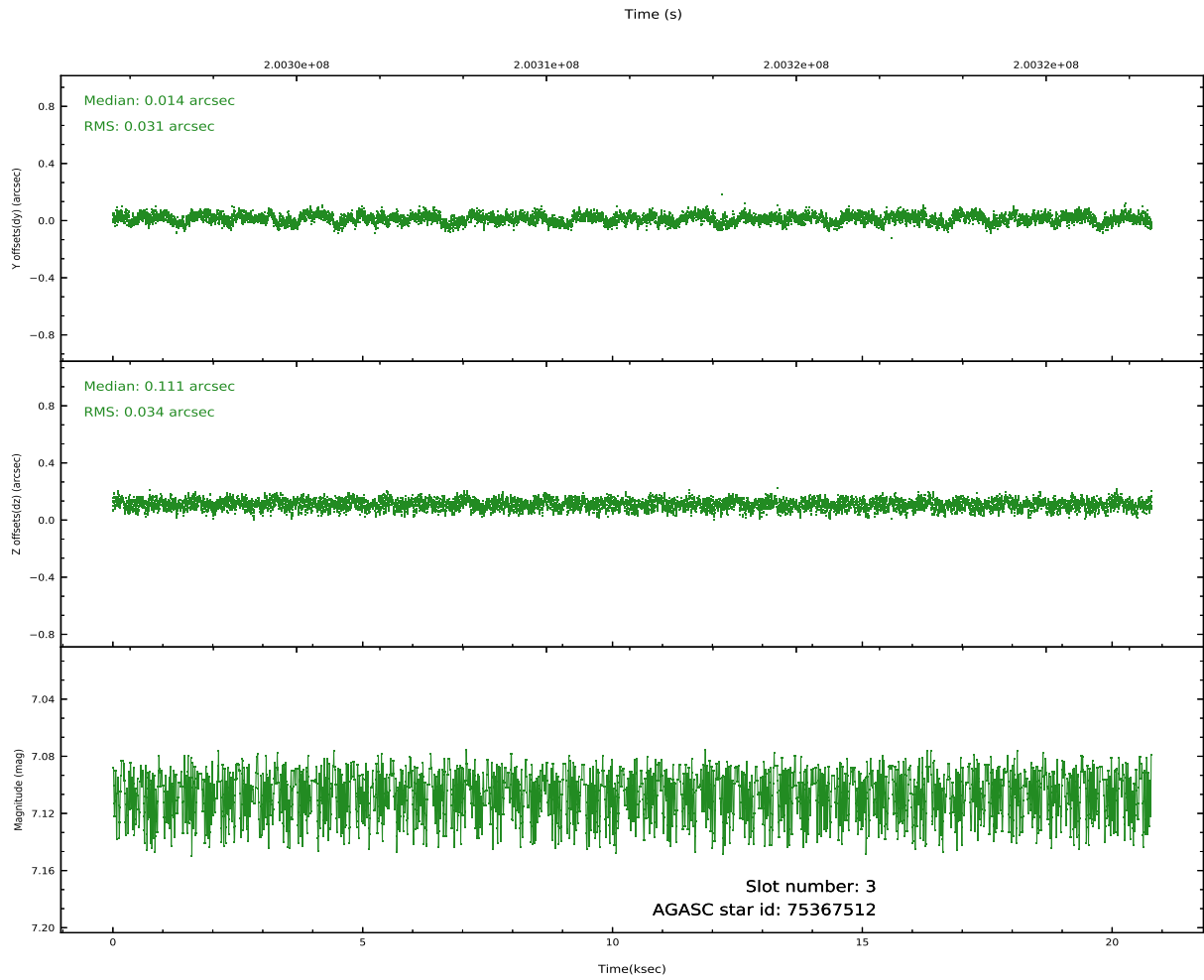
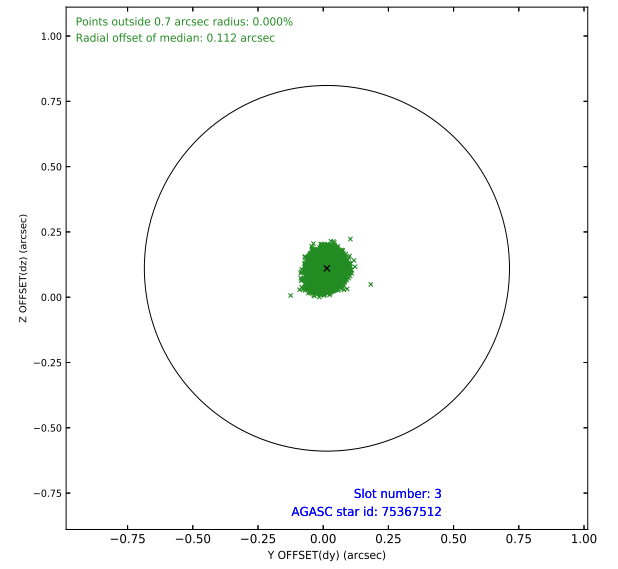
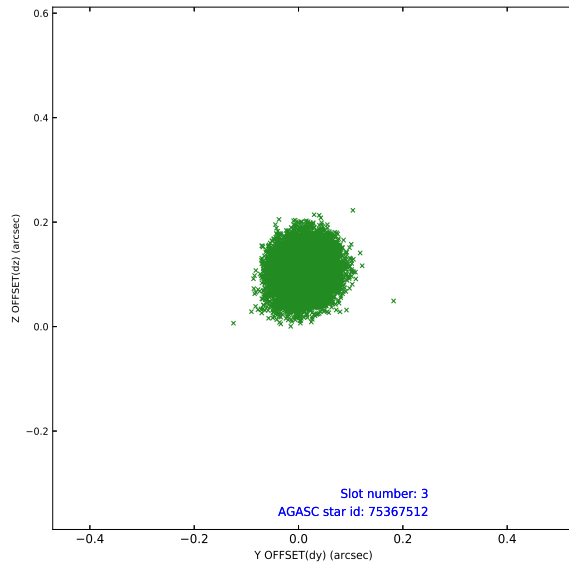


Slot Statistics

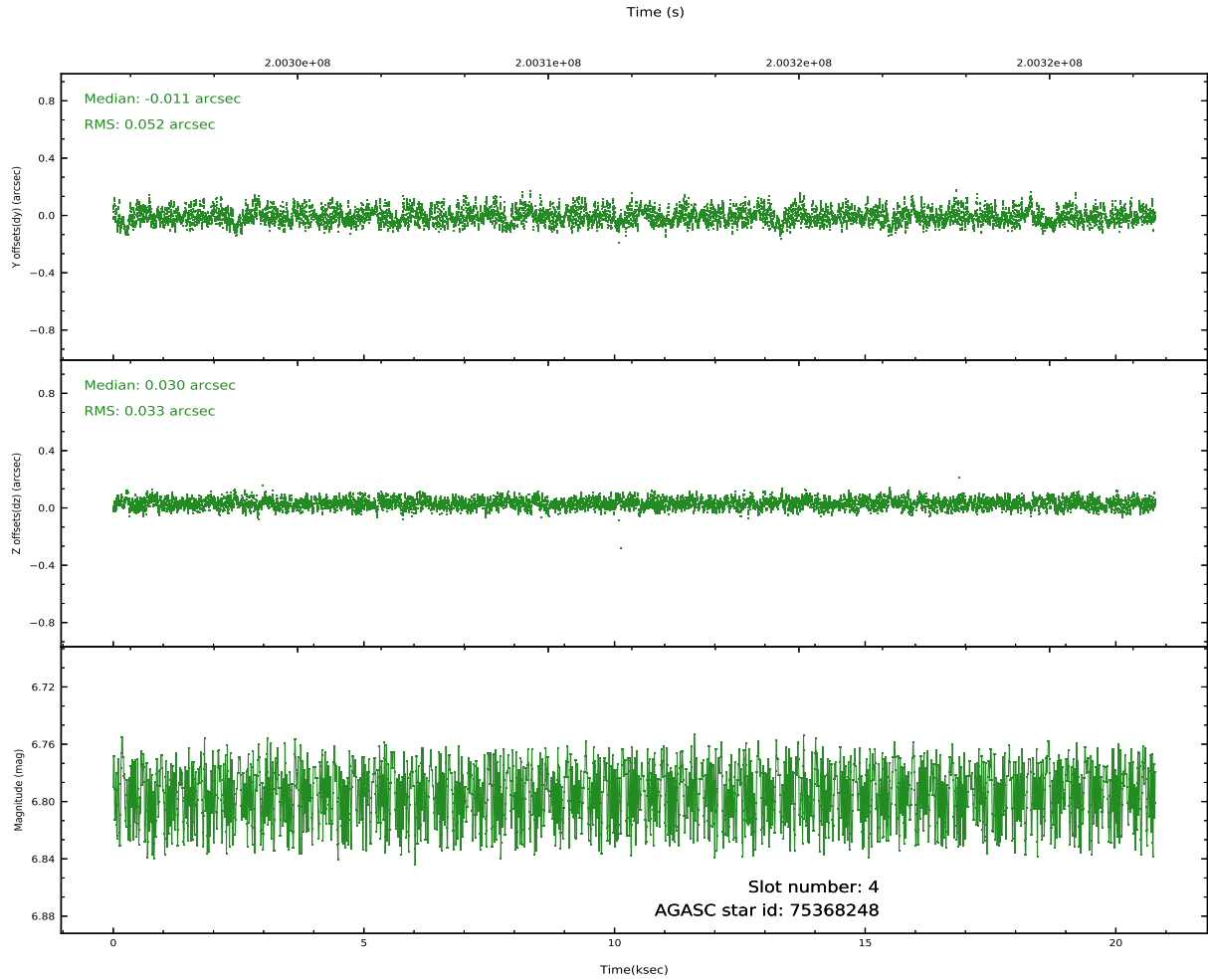
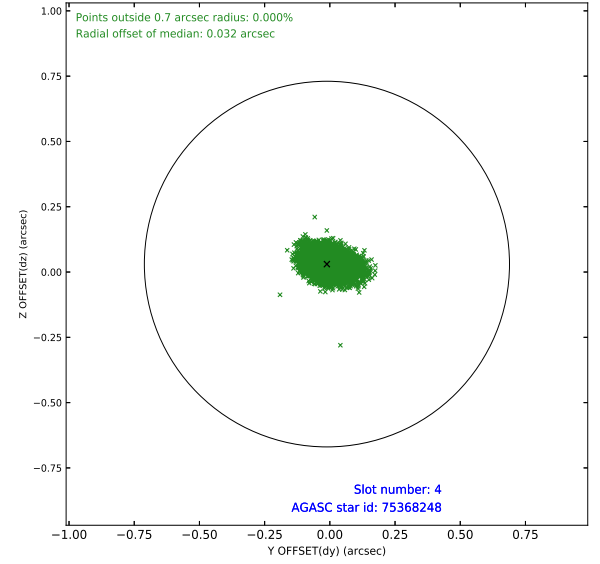
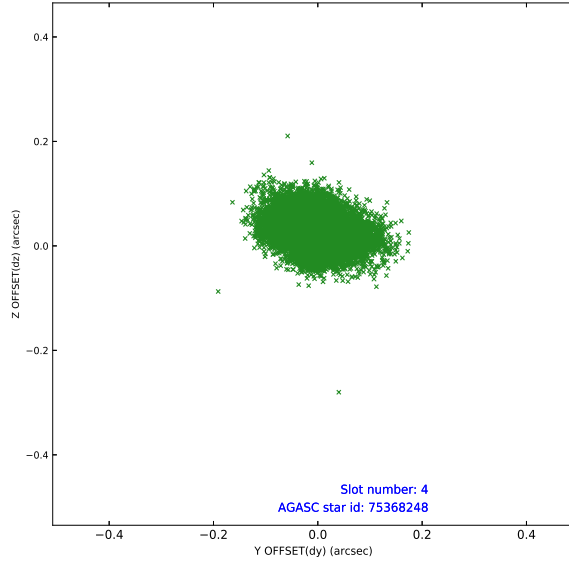
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	5071	1.000	-0.036	-0.003	0.011	0.017	0.000000	0.000000	-763.00	-1298
1	FID		HRC-I-2	7.04	5071	1.000	0.132	-0.056	0.007	0.011	0.000000	0.000000	849.65	-1300
2	FID		HRC-I-3	7.09	5070	1.000	0.022	-0.031	0.008	0.015	0.000000	0.000000	-1191.28	1006
3	GUIDE	used	75367512	7.10	10142	1.000	0.014	0.111	0.050	0.077	344.948741	7.356320	-1775.75	-1762
4	GUIDE	used	75368248	6.79	10137	1.000	-0.011	0.030	0.065	0.106	344.677611	7.340077	-1581.56	-812
5	GUIDE	used	75370000	8.79	10132	1.000	-0.070	-0.260	0.091	0.145	343.811330	7.452557	-384.74	2067
6	GUIDE	used	76289944	8.04	10142	1.000	0.057	0.075	0.074	0.122	345.026815	7.383794	-1752.26	-2057
7	GUIDE	used	151135528	7.80	10140	1.000	0.006	0.052	0.065	0.099	344.600252	7.631155	-497.56	-818

2.4 Star Slots

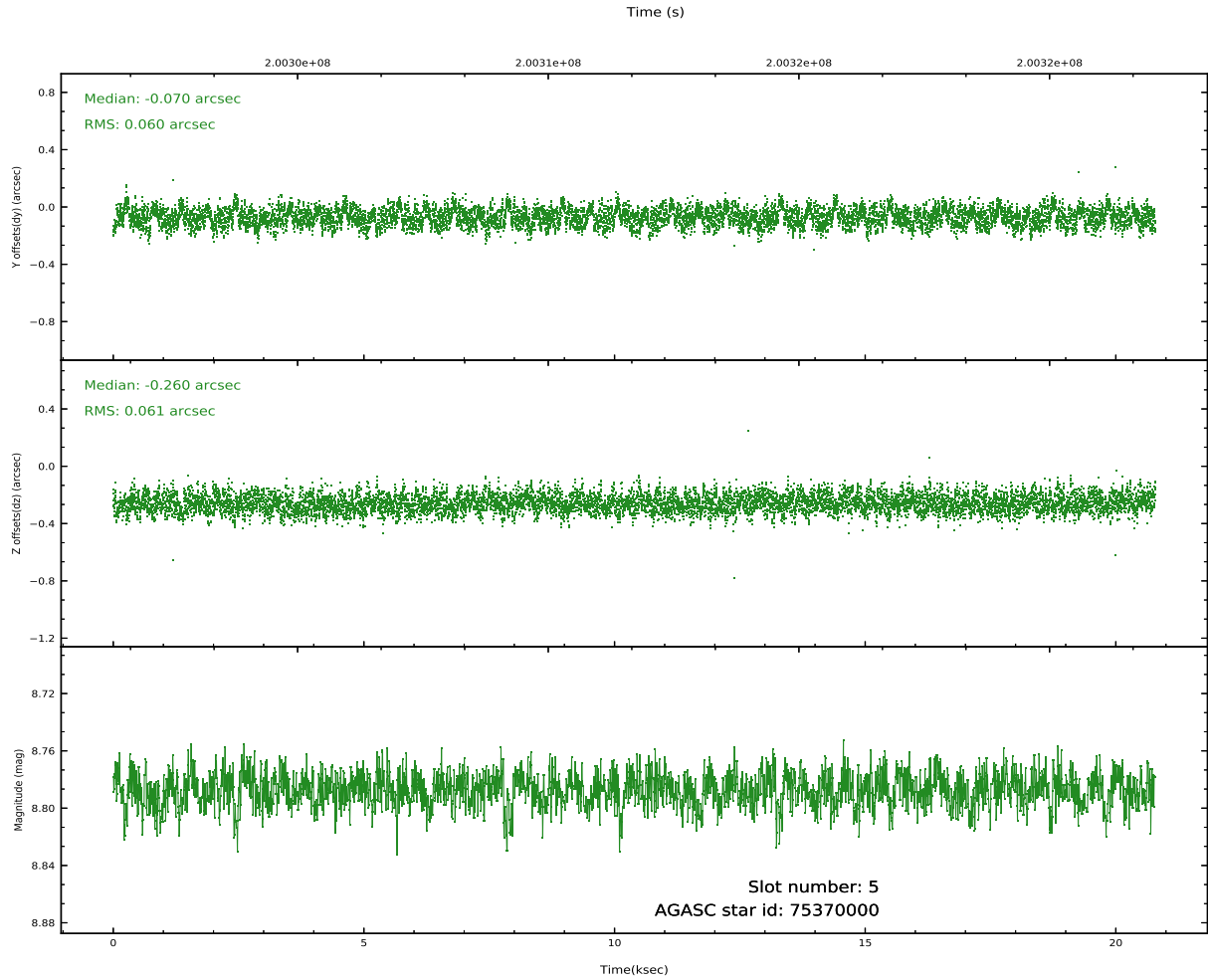
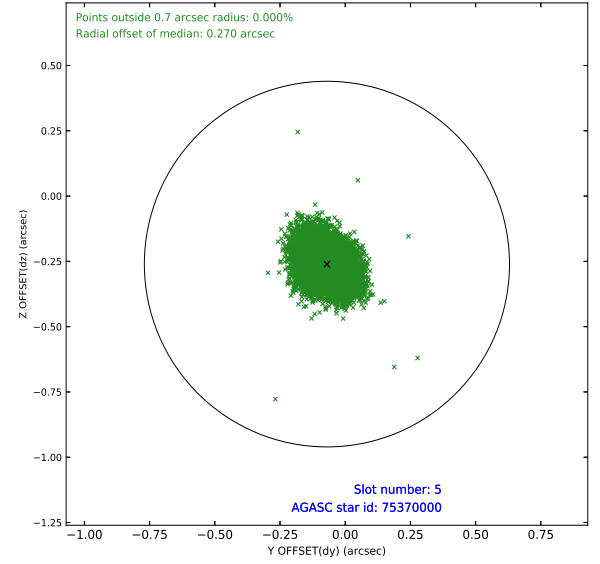
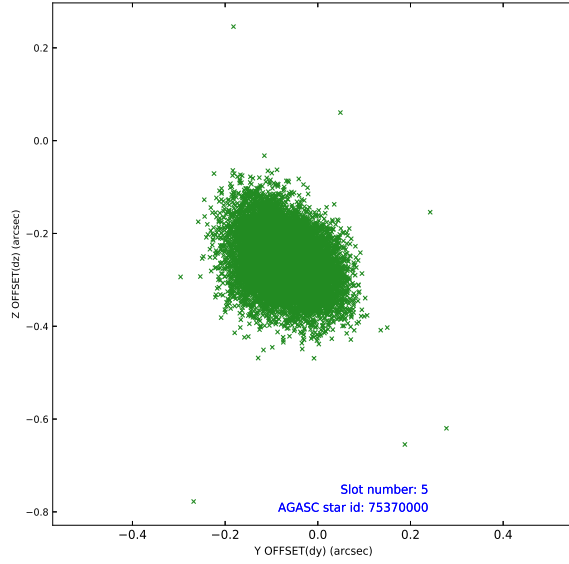
2.4.1 Slot 3



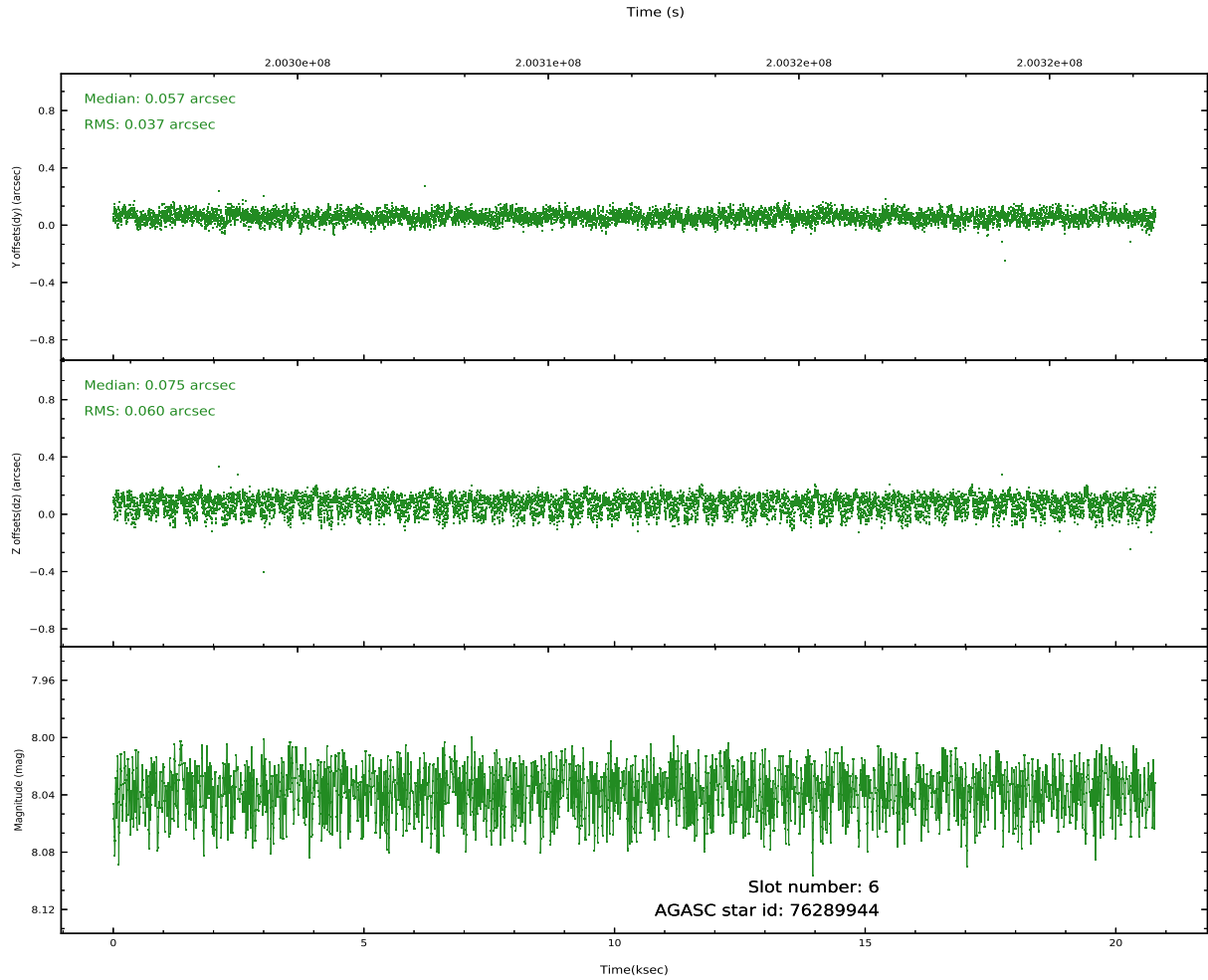
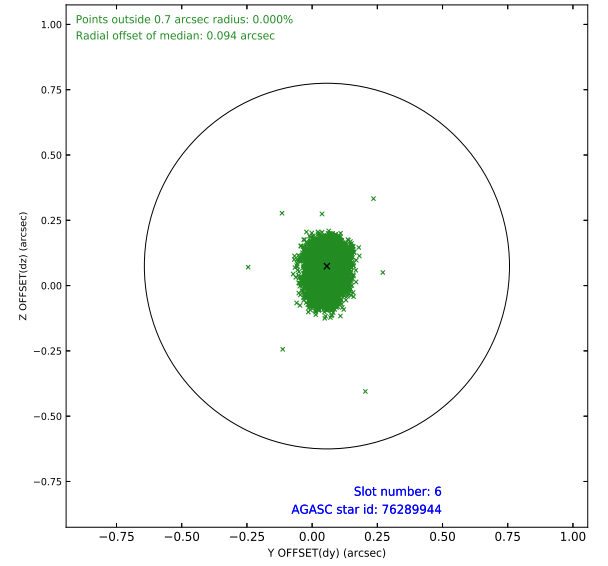
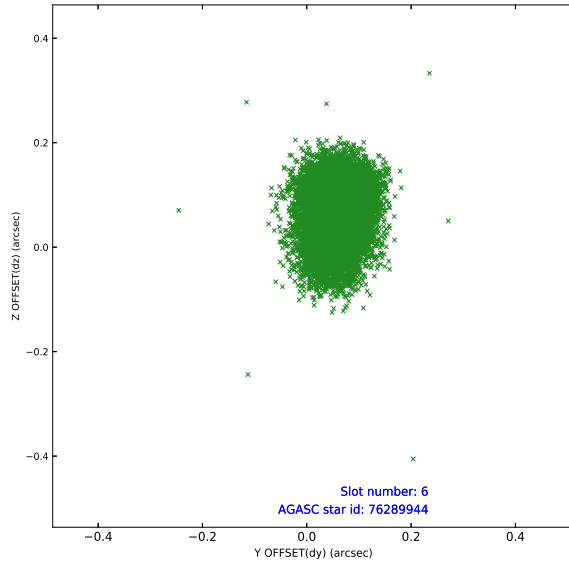
2.4.2 Slot 4



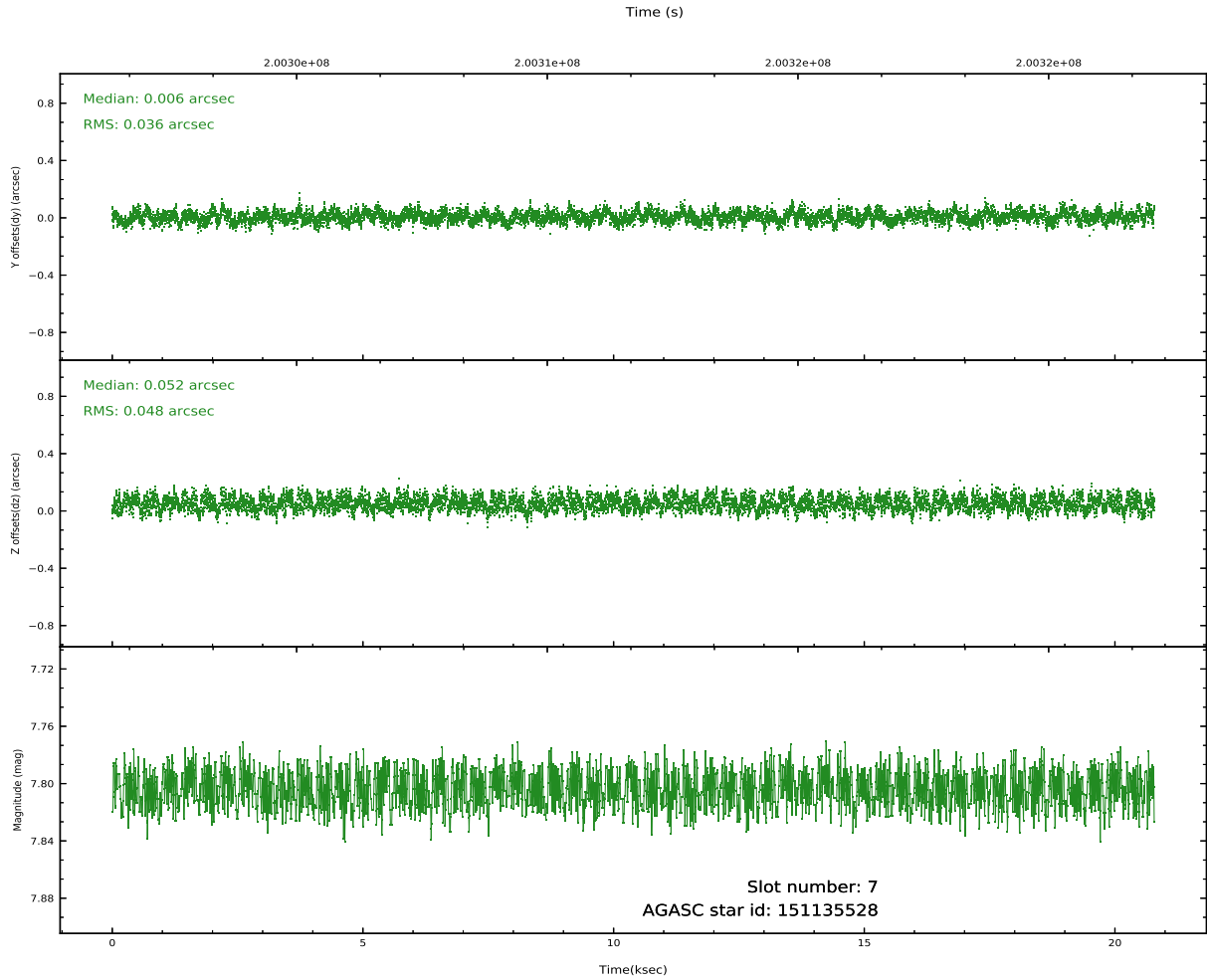
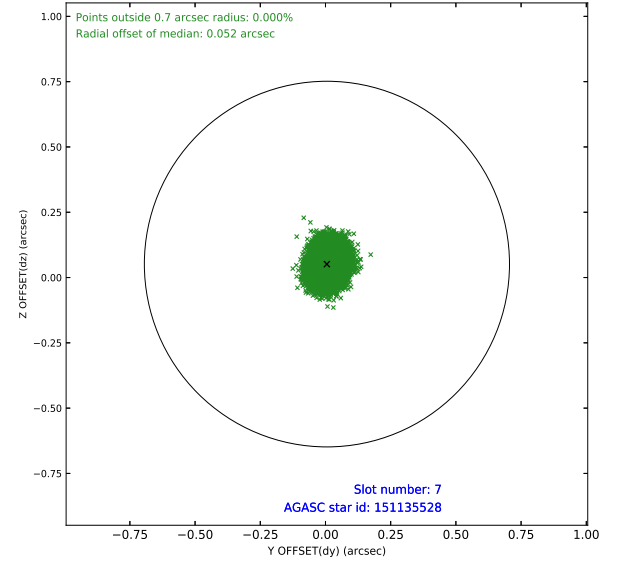
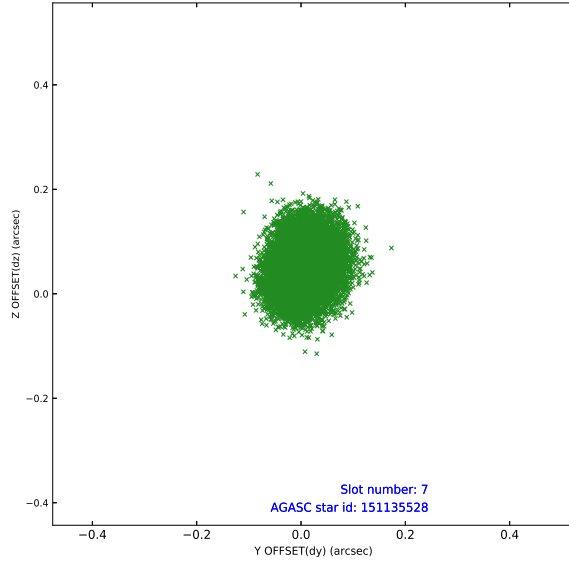
2.4.3 Slot 5



2.4.4 Slot 6

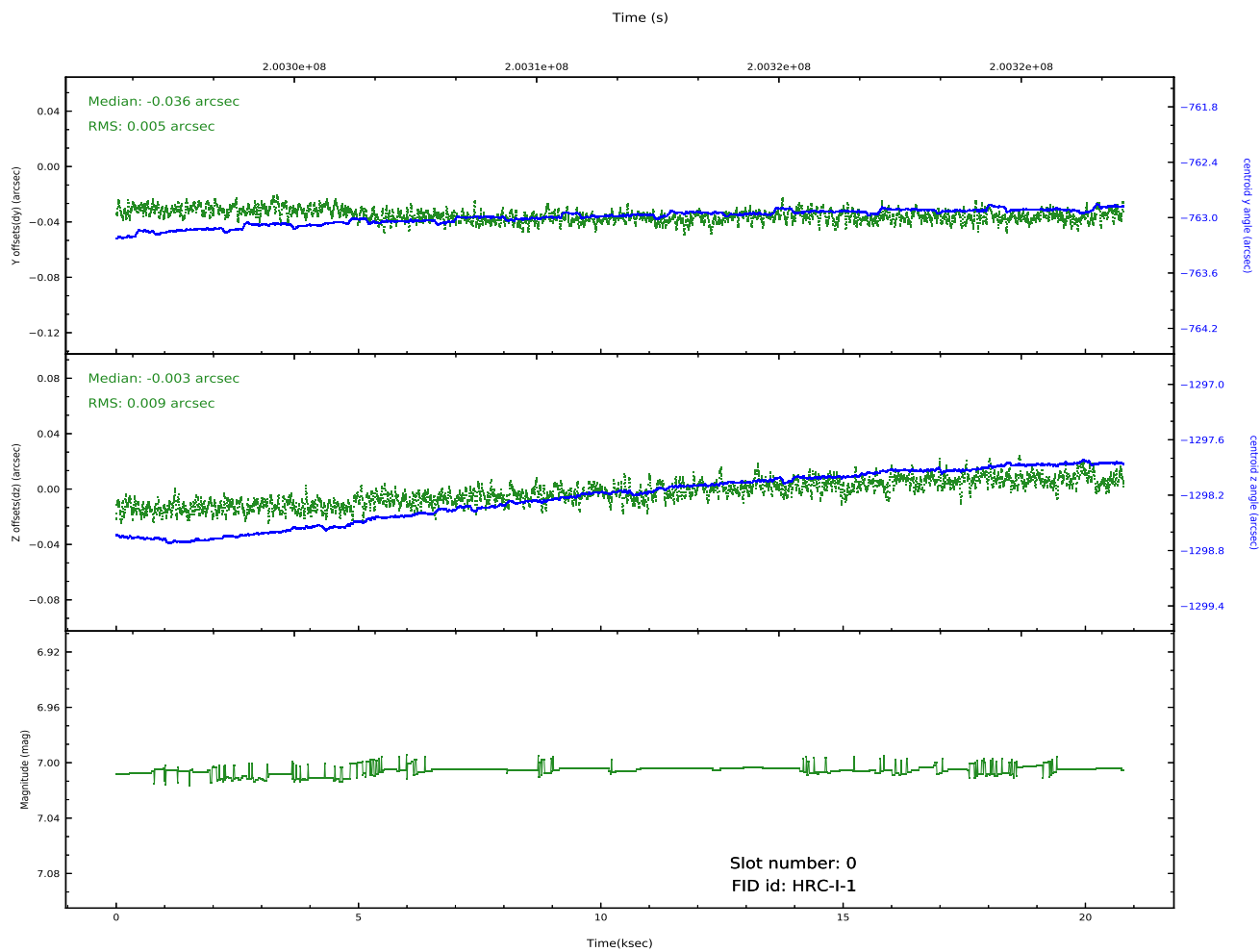
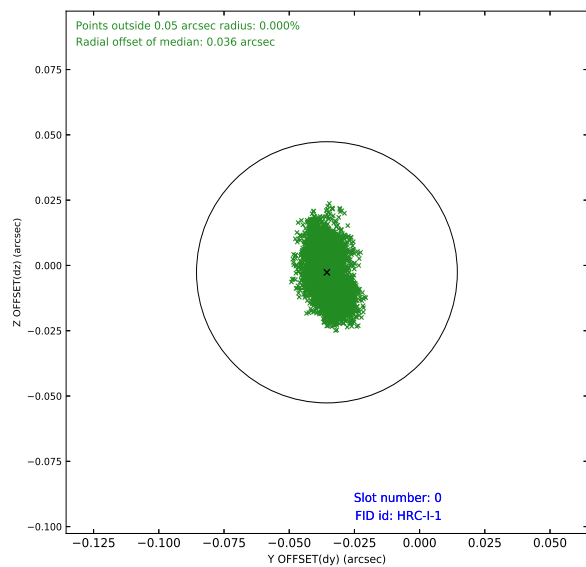
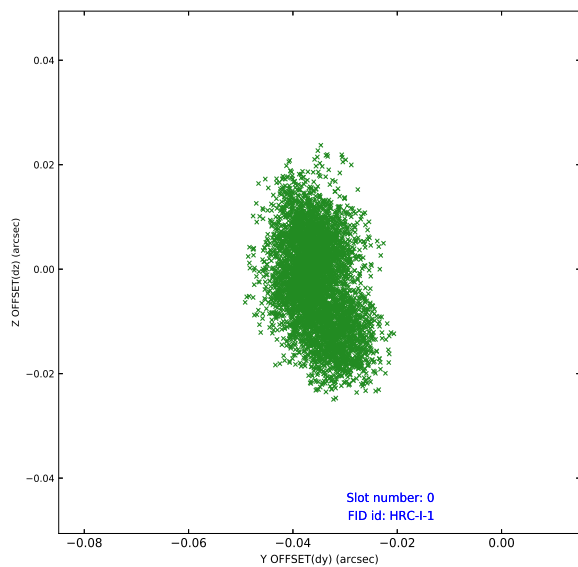


2.4.5 Slot 7

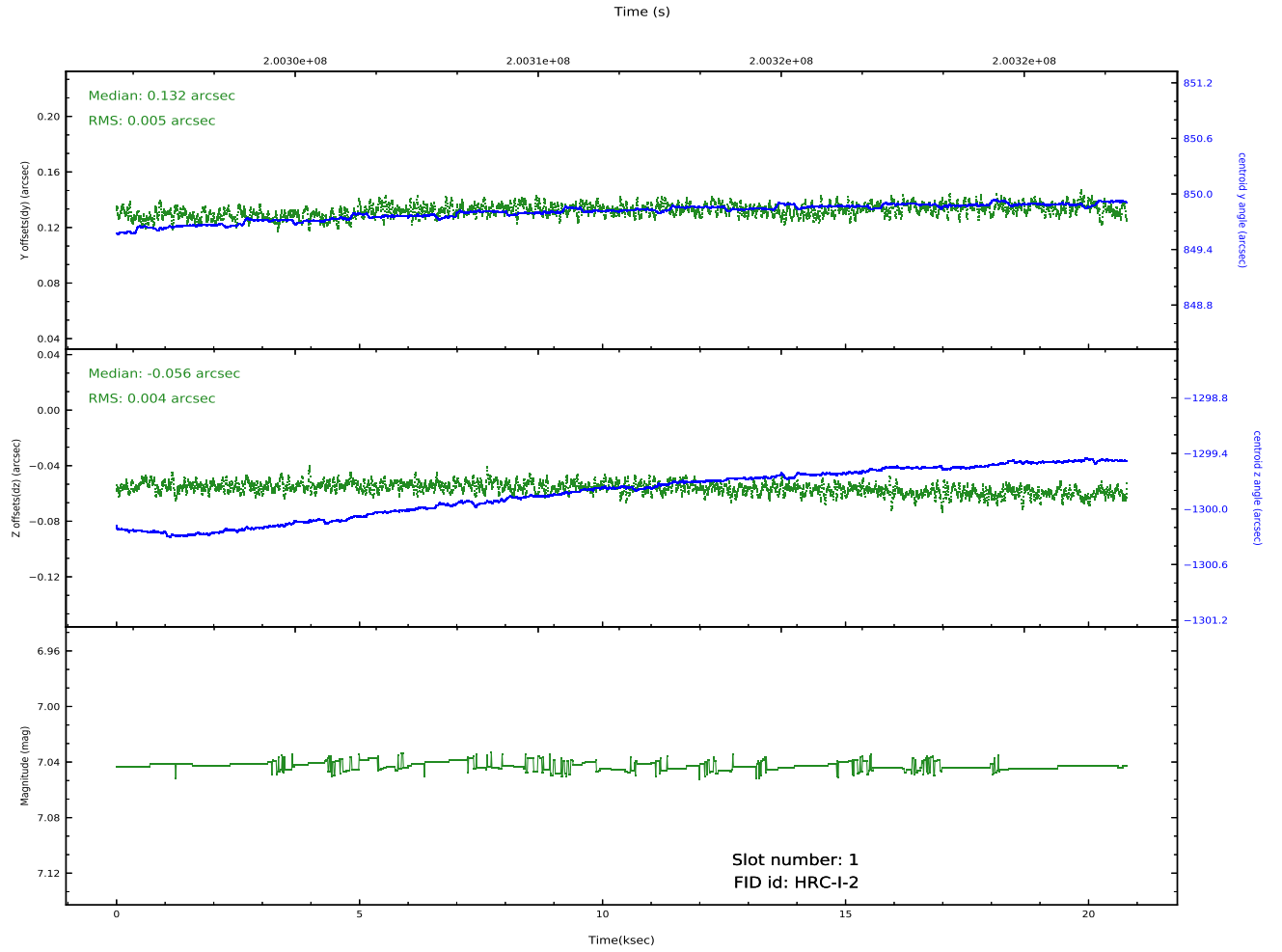
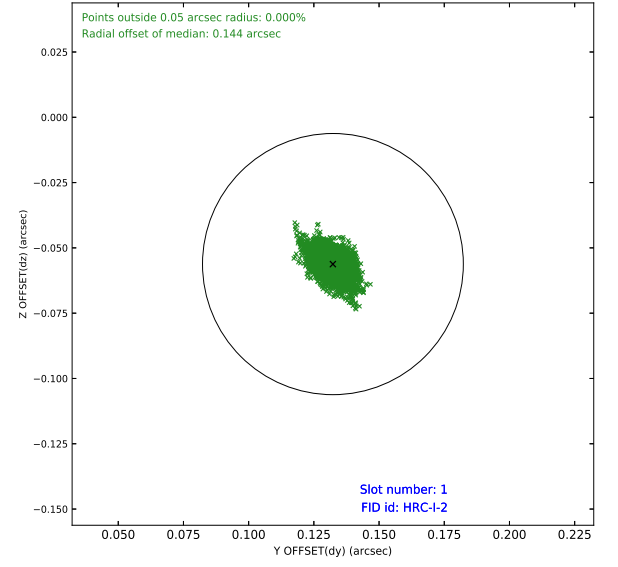
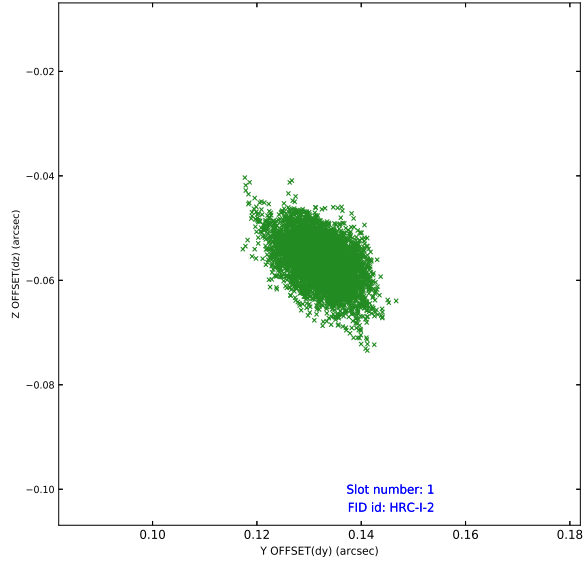


2.5 FID Slots

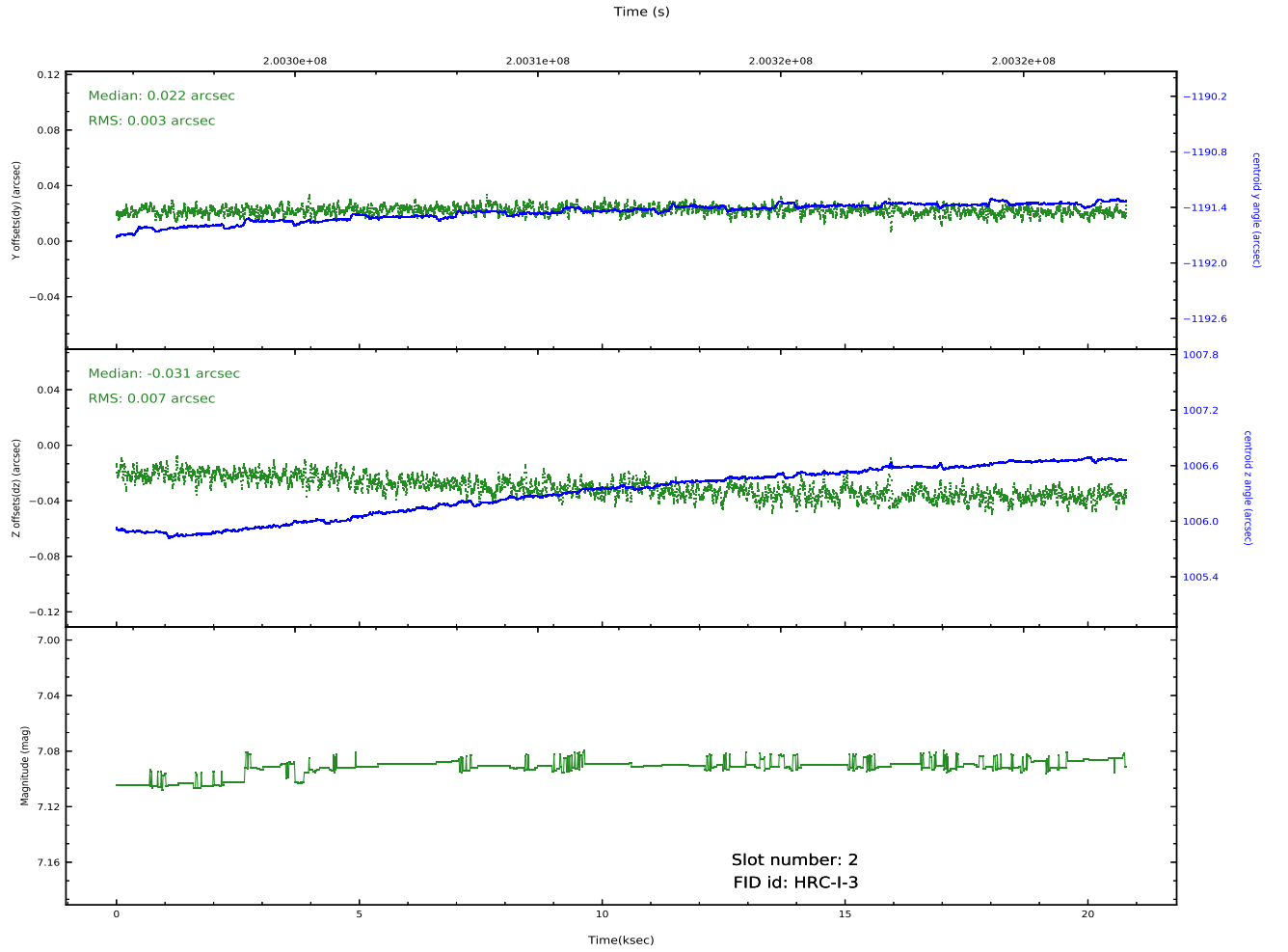
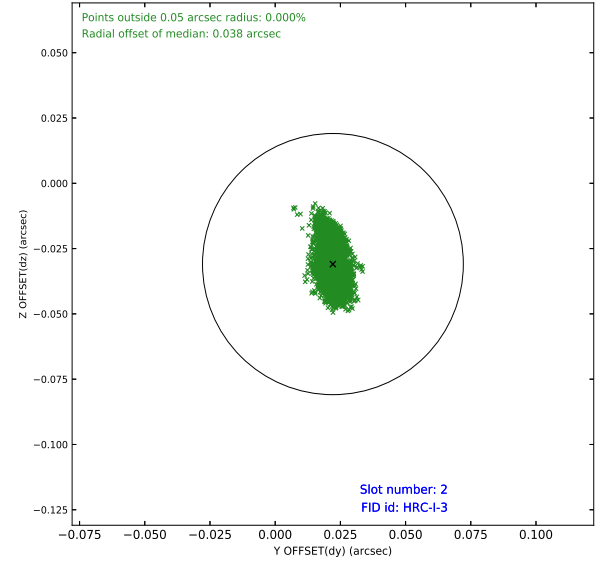
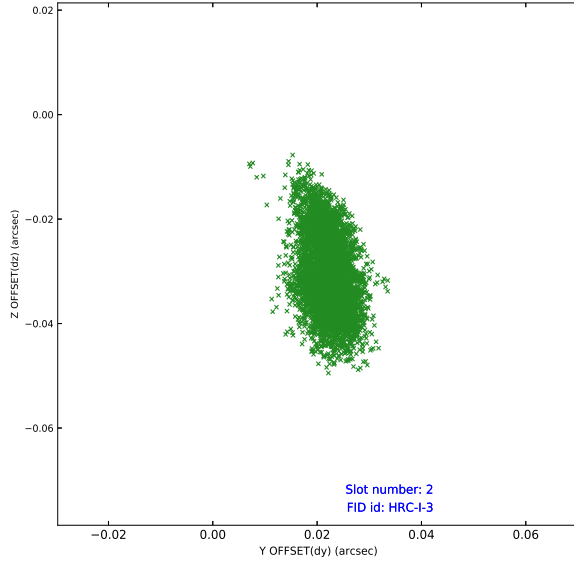
2.5.1 Slot 0



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)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.543

A.2 Comments