

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5157 - L2 Version 6
Chandra X-Ray Center

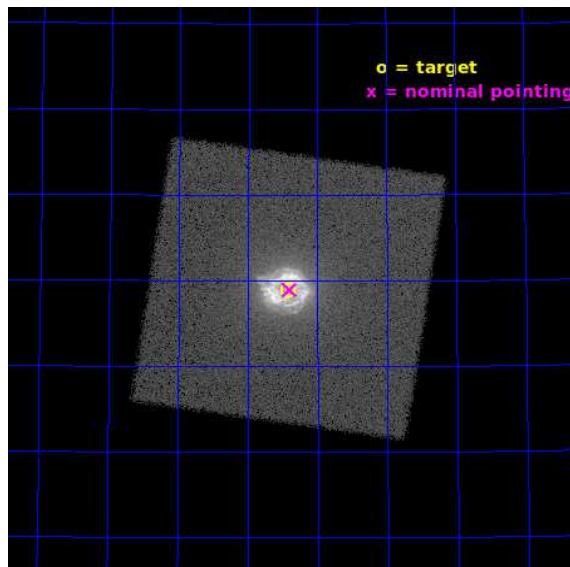
L2 Processing Date : Oct 3 2020

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1 Front

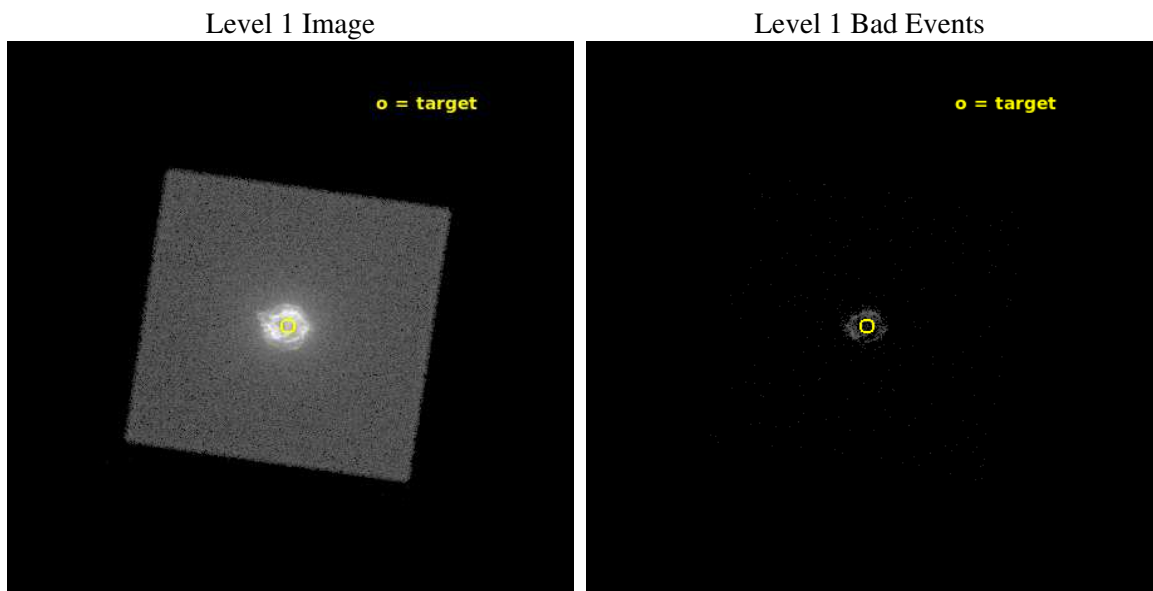
seq_num	590355	Sequence number
obs_id	5157	Observation id
title	AO5B Observations of the Standard Candles Cas A and G21.5-09	Propo
observer	CXC Calibration	Principal investigator
object	Cas A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.84924328747	Nominal RA [deg]
dec_nom	58.815980717761	Nominal Dec [deg]
roll_nom	233.46962607212	Nominal Roll [deg]
revision	6	Processing version of data
ontime	5144.7314805984	[s]
livetime	5075.1683719976	Ontime multiplied by DTCOR
l2events	649236	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5144.7314805984	[s]
caldsver	4.9.2	 	l1events	784542	Number of level 1 events
date	2020-10-03T22:32:54	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

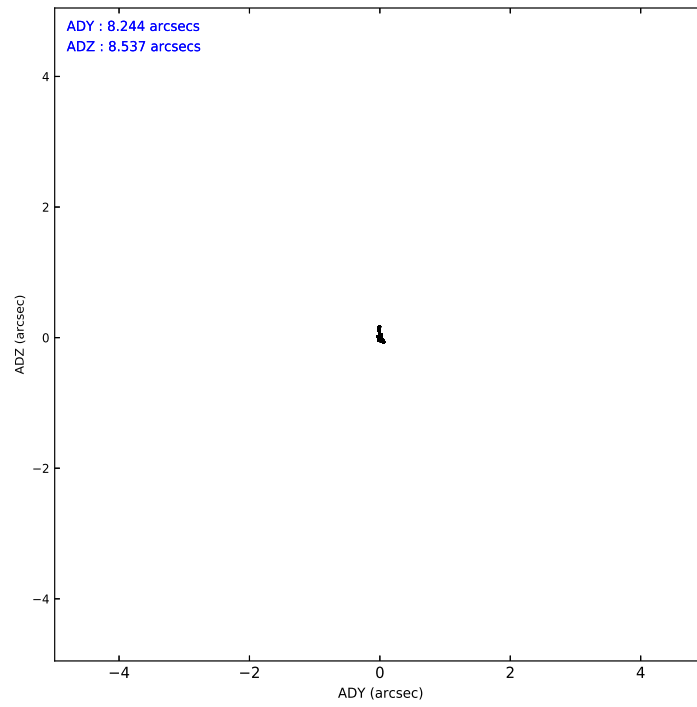
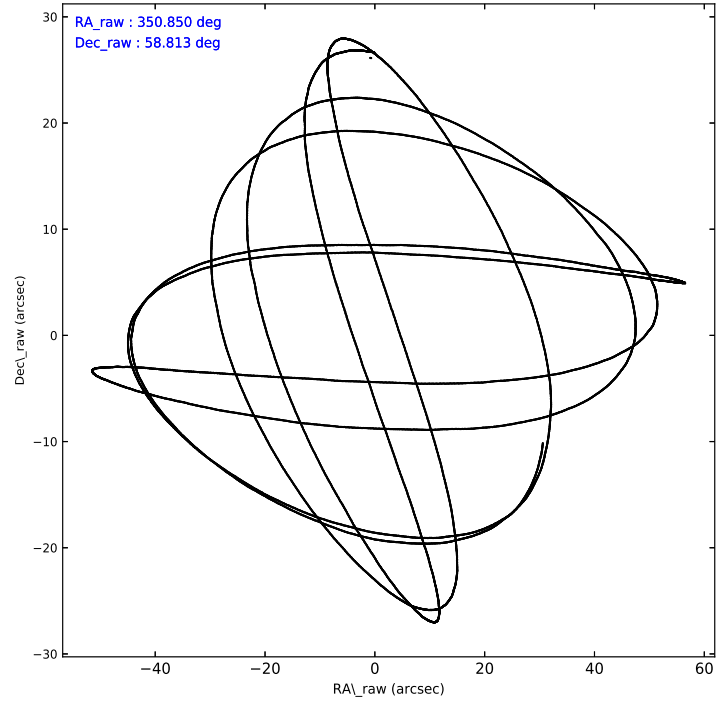
	segment 0
level 1 events	784542
rejected events	13512
rejected %	1%

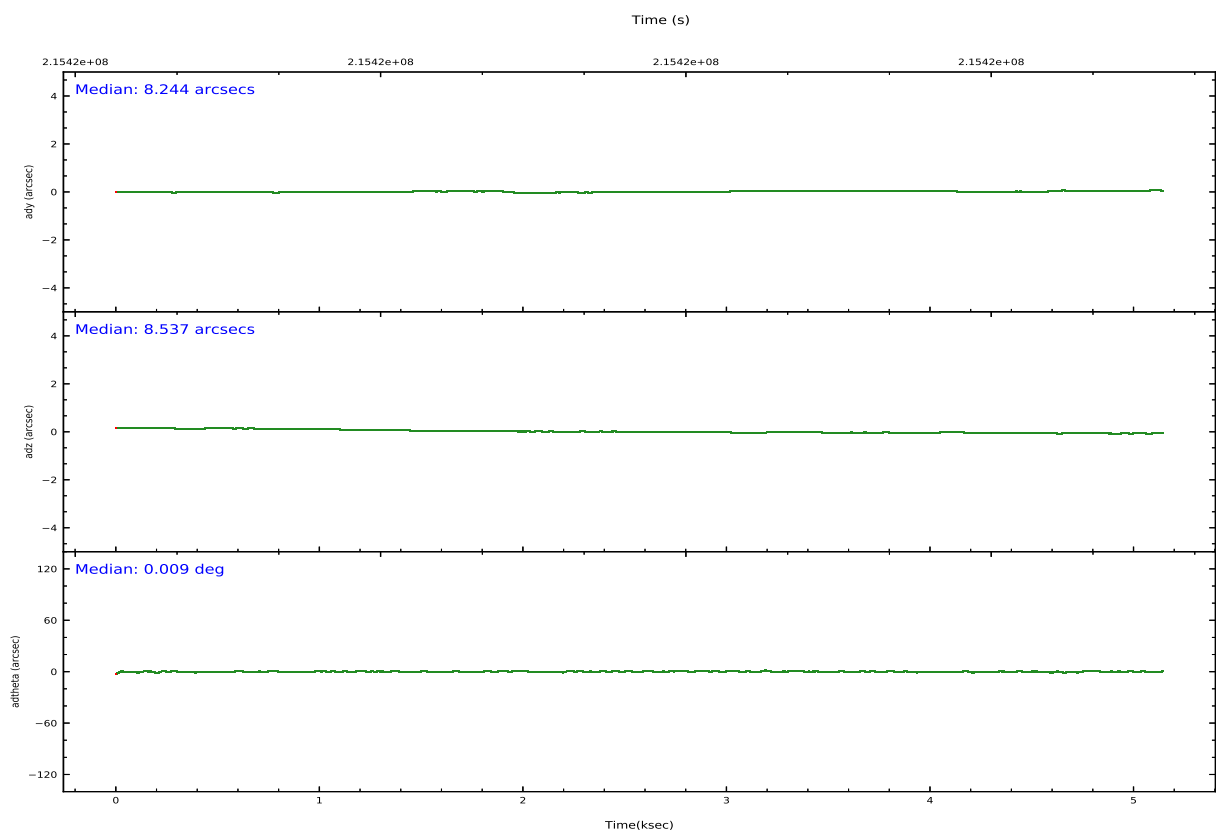
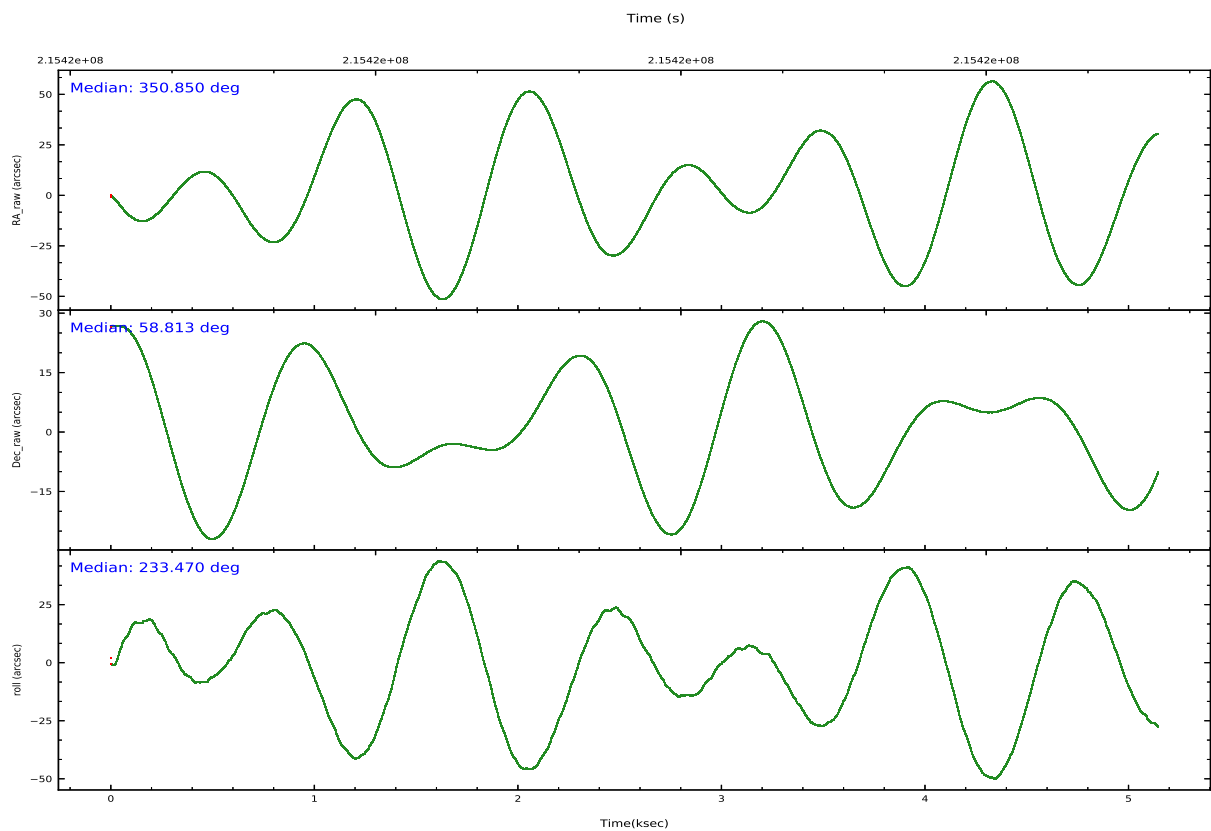
2.2 Compared Parameters

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	350.855334	350.84924328747
[deg] Pointing Dec	58.839694	58.815980717761
[deg] Pointing Roll	233.569259	233.46962607212
[s] Window start time (MET)	212976064.184000	212976064.184000
[s] Window stop time (MET)	215568064.184000	215568064.184000
[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)	215416346.184000	215415949.13943
Observation start date	2004-10-29T05:51:22	2004-10-29T05:45:49
[s] Observation end time (MET)	215421346.184000	215422343.08972
Observation end date	2004-10-29T07:14:42	2004-10-29T07:32:23

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

2.3 Aspect



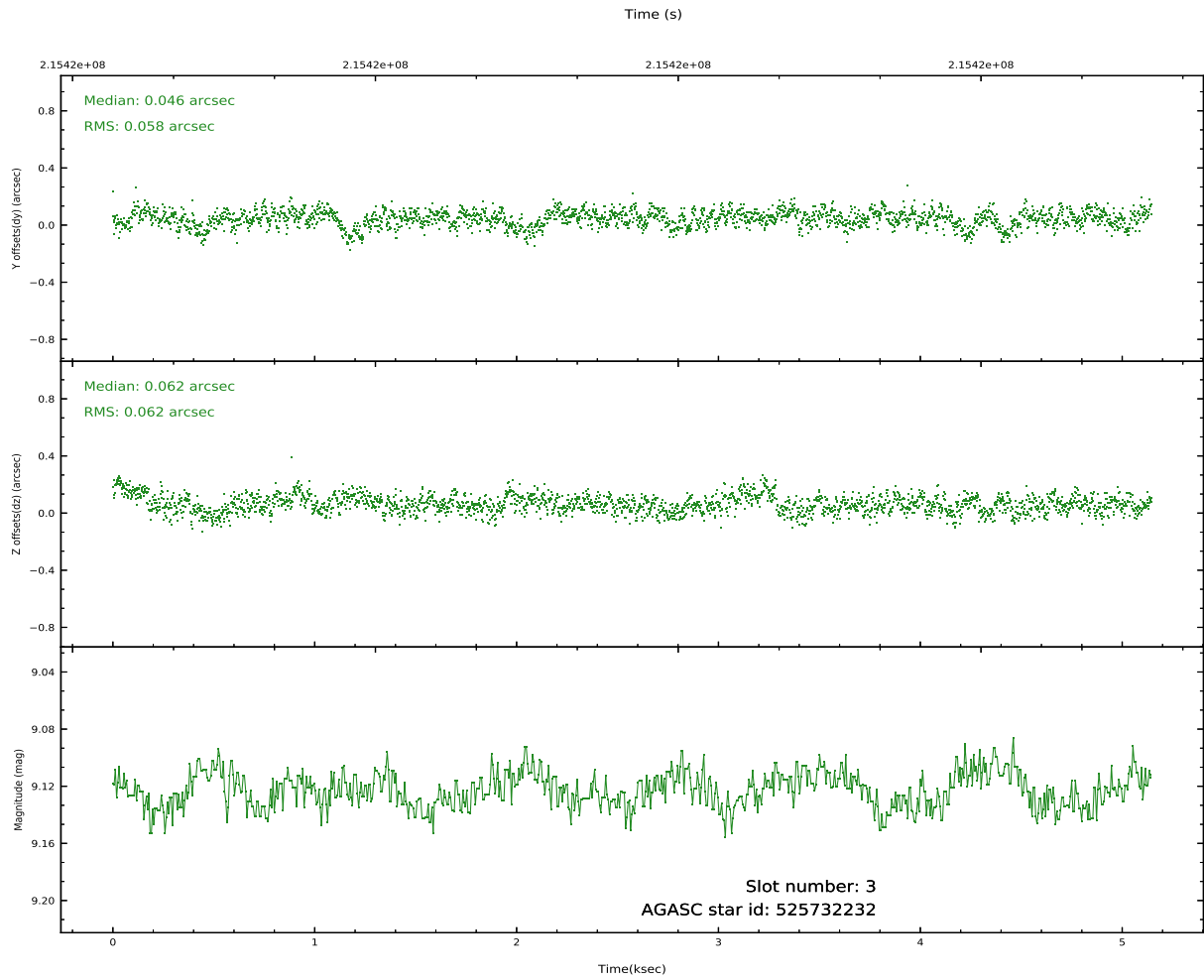
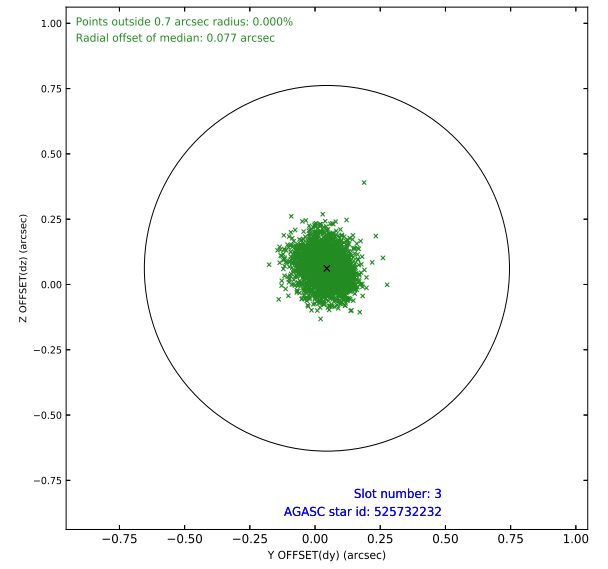
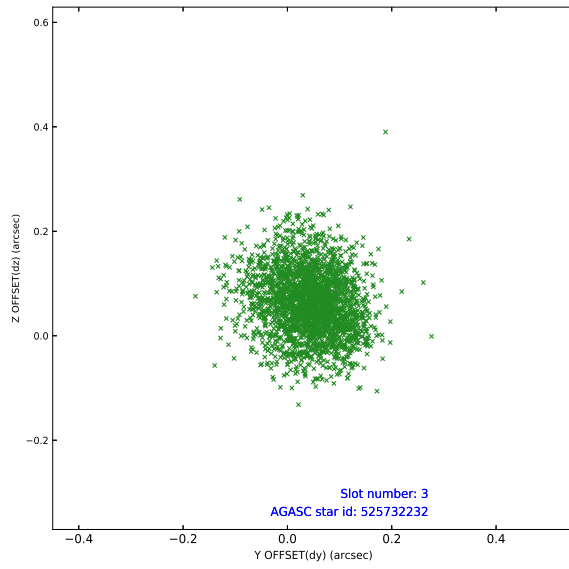


Slot Statistics

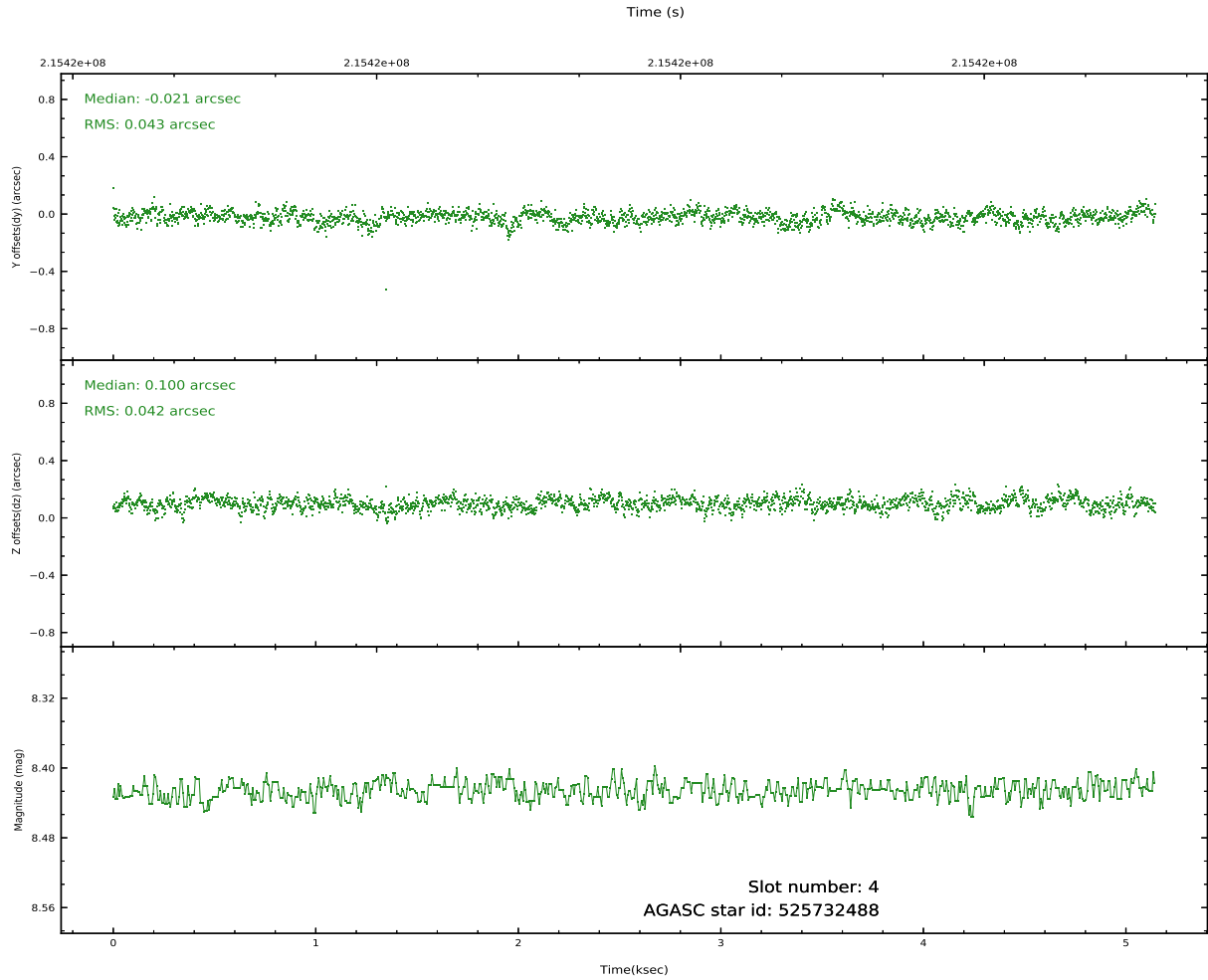
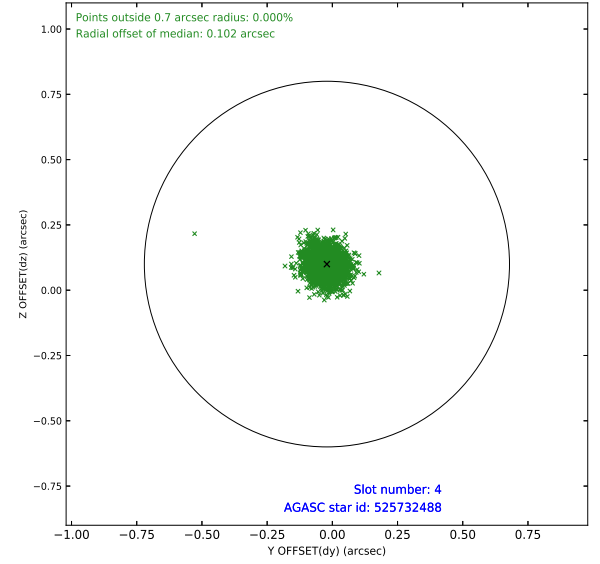
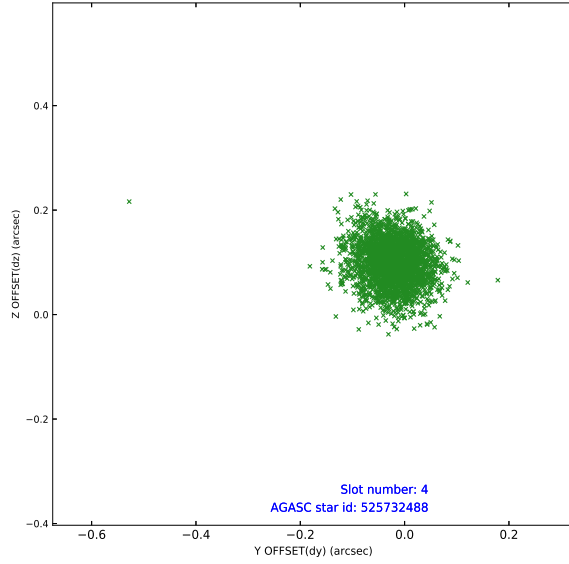
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.04	1255	1.000	-0.027	0.027	0.008	0.013	0.000000	0.000000	-763.91	-1296
1	FID		HRC-I-2	7.08	1256	1.000	0.189	-0.136	0.006	0.011	0.000000	0.000000	848.33	-1299
2	FID		HRC-I-3	7.13	1255	1.000	-0.043	0.019	0.006	0.012	0.000000	0.000000	-1191.72	1007
3	GUIDE	used	525732232	9.12	2509	1.000	0.046	0.062	0.091	0.146	351.669550	58.757012	-671.11	1395
4	GUIDE	used	525732488	8.43	2511	1.000	-0.021	0.100	0.062	0.104	350.087090	58.516915	1785.16	-476
5	GUIDE	used	525736400	9.08	2509	1.000	0.000	0.068	0.086	0.139	350.974563	59.175145	-1102.16	-540
6	GUIDE	used	525735976	8.84	2511	1.000	-0.028	-0.107	0.072	0.117	350.142956	58.277622	2422.15	112
7	GUIDE	used	525732528	9.36	2508	1.000	0.006	-0.122	0.082	0.141	351.607241	59.298932	-2156.51	125

2.4 Star Slots

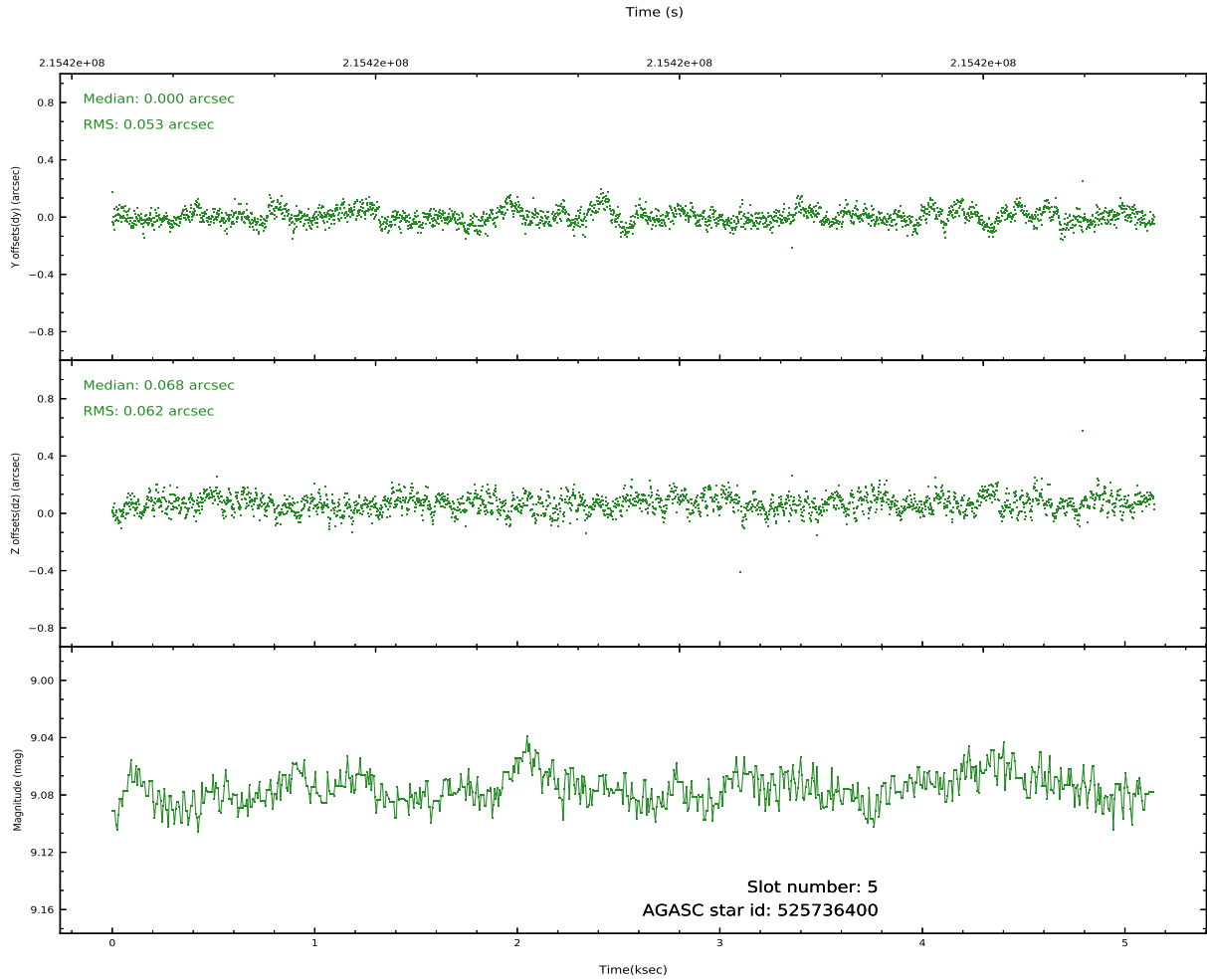
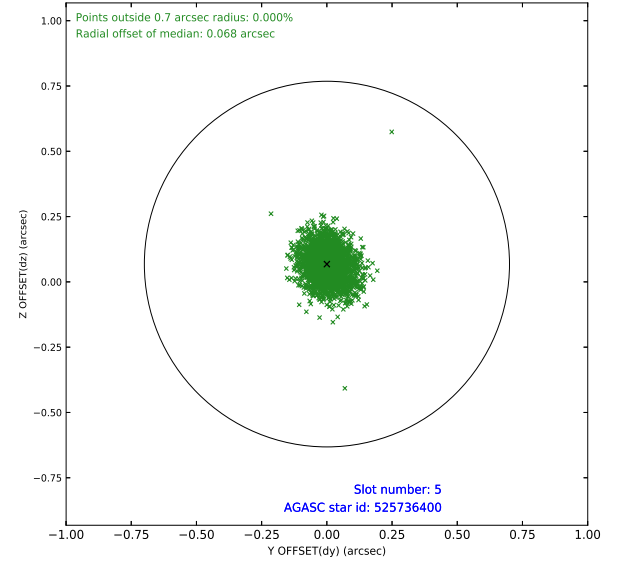
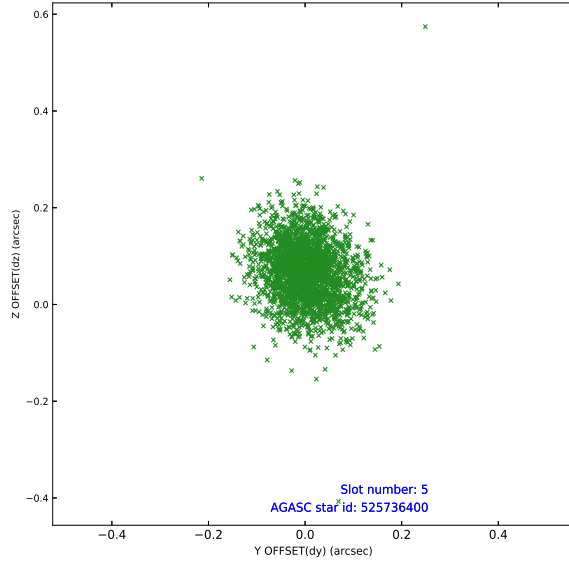
2.4.1 Slot 3



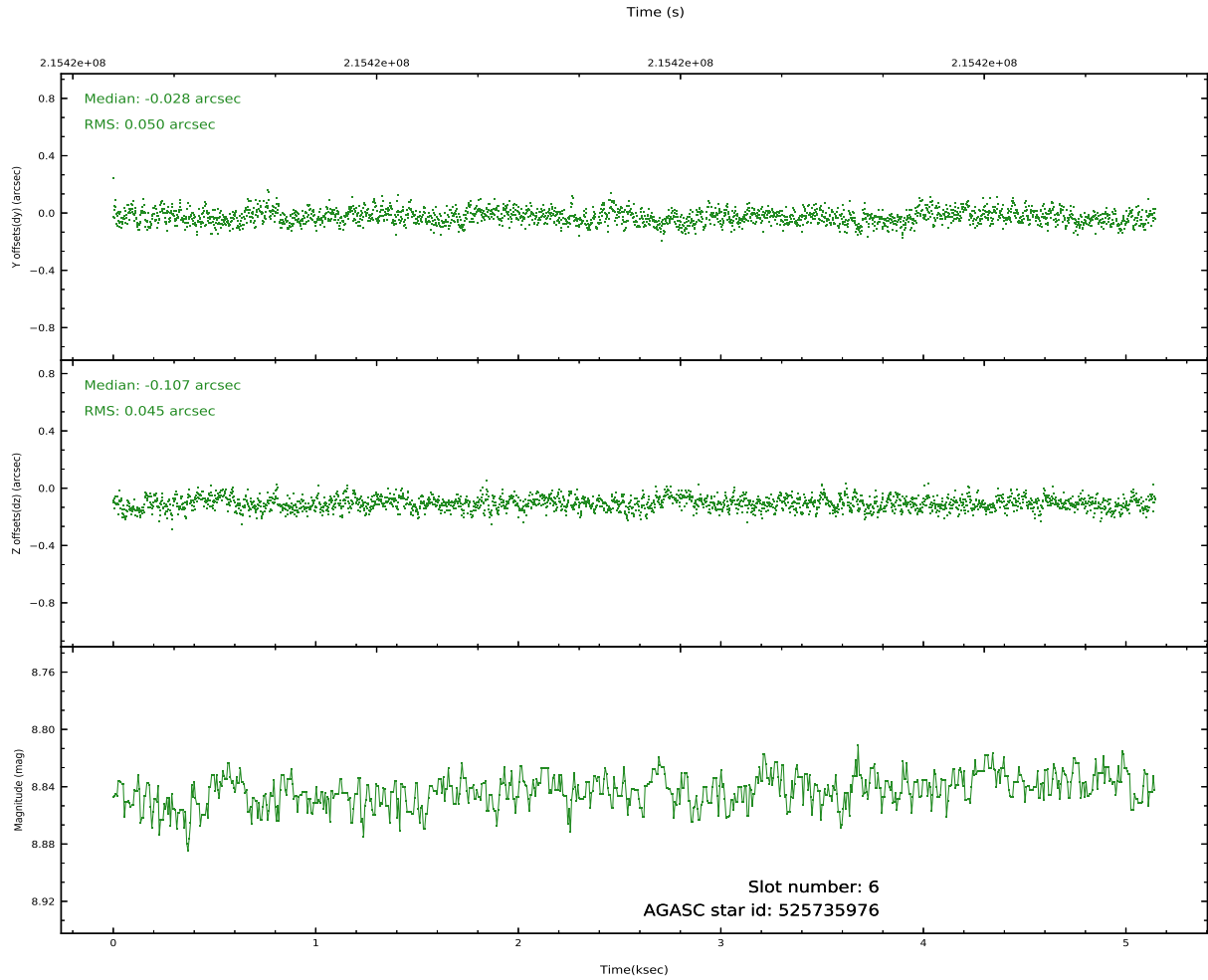
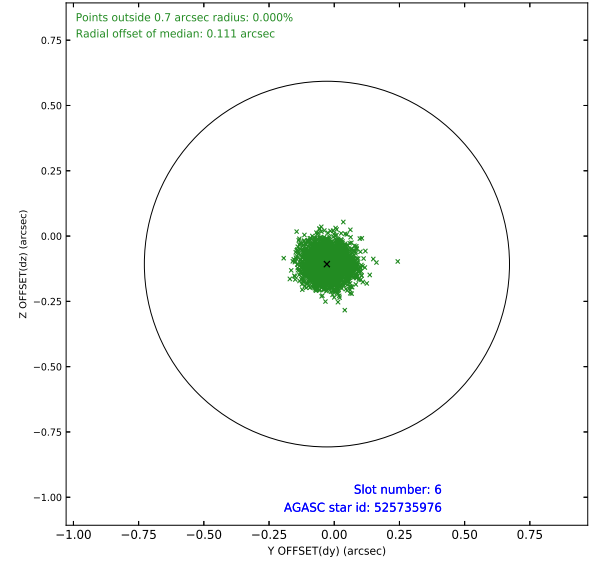
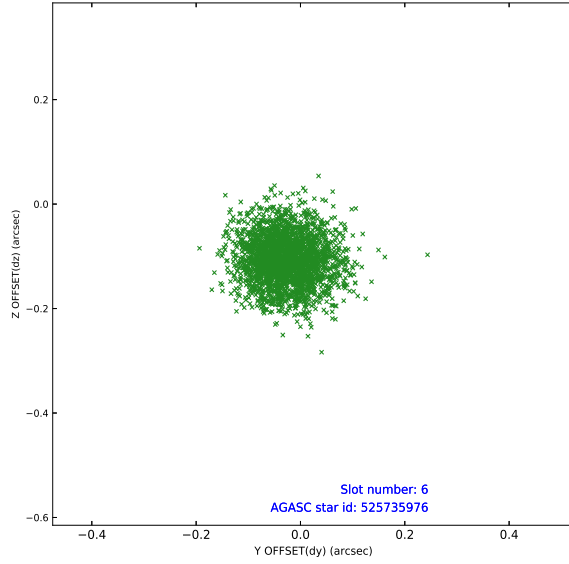
2.4.2 Slot 4



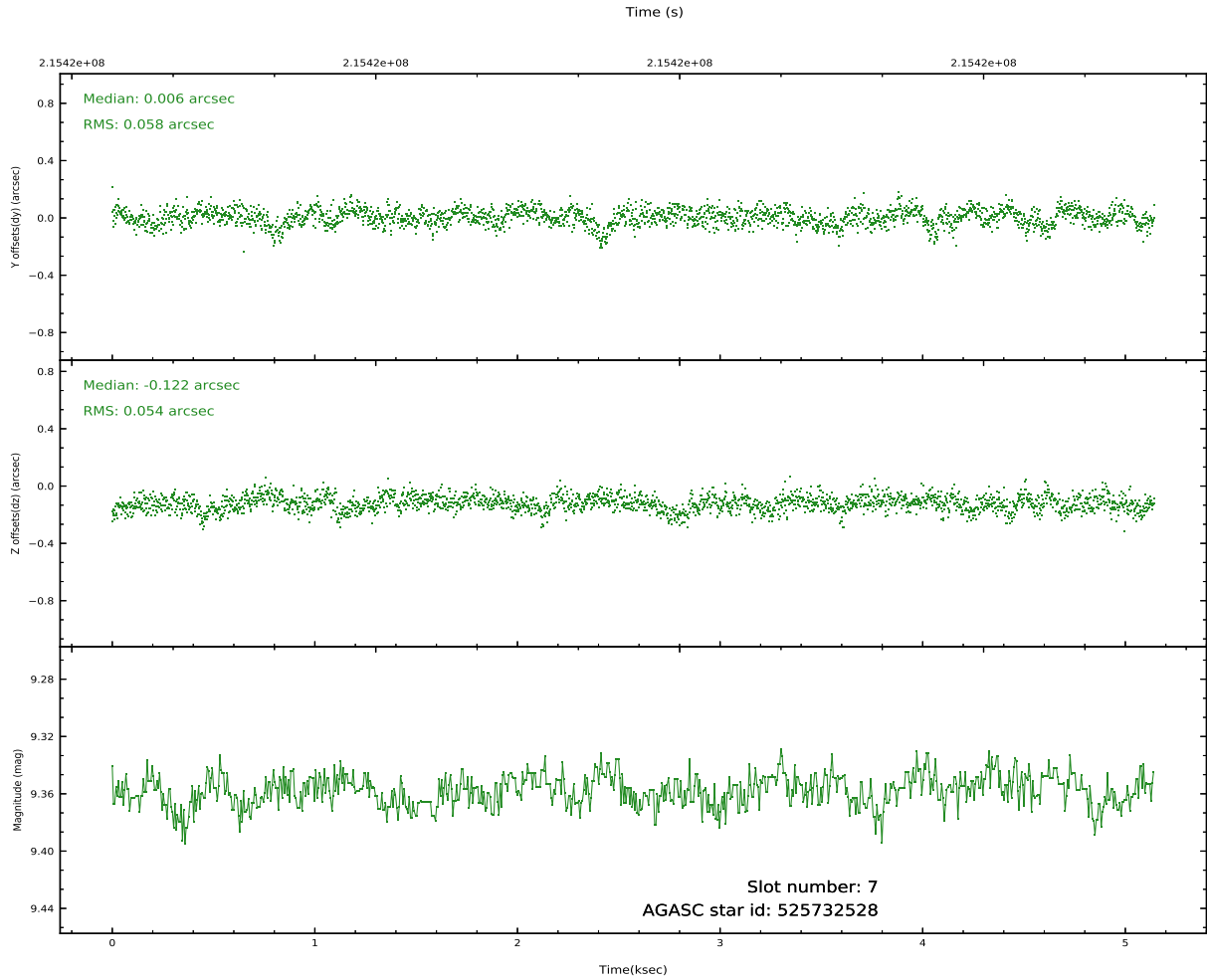
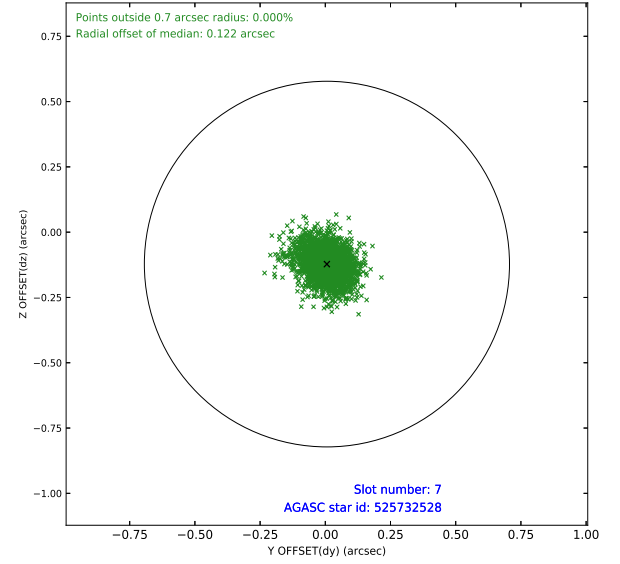
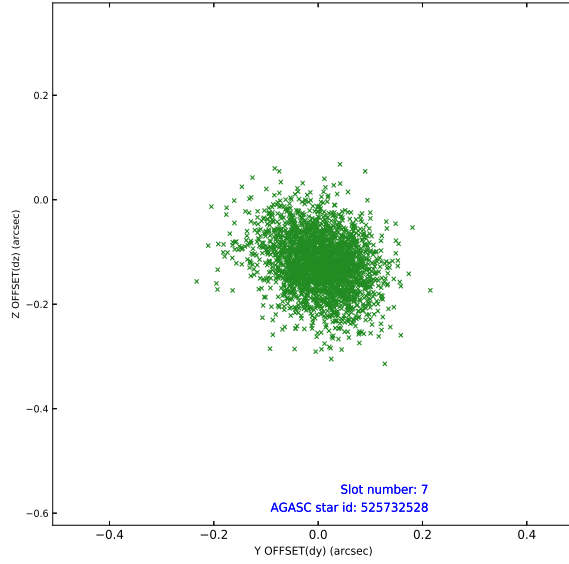
2.4.3 Slot 5



2.4.4 Slot 6

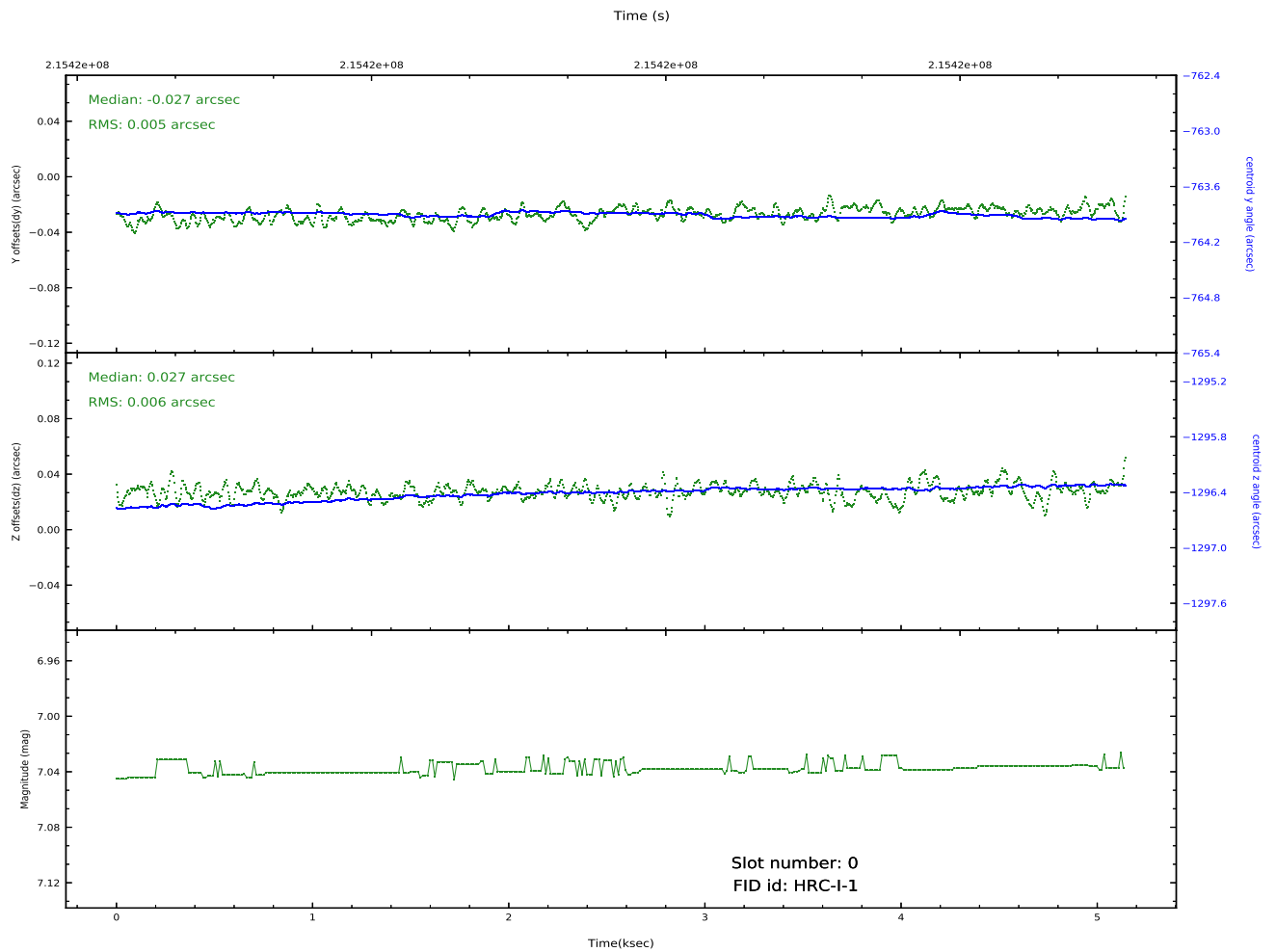
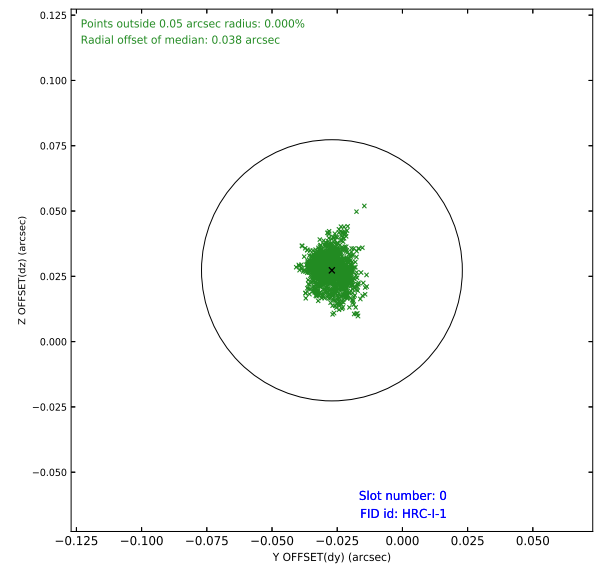
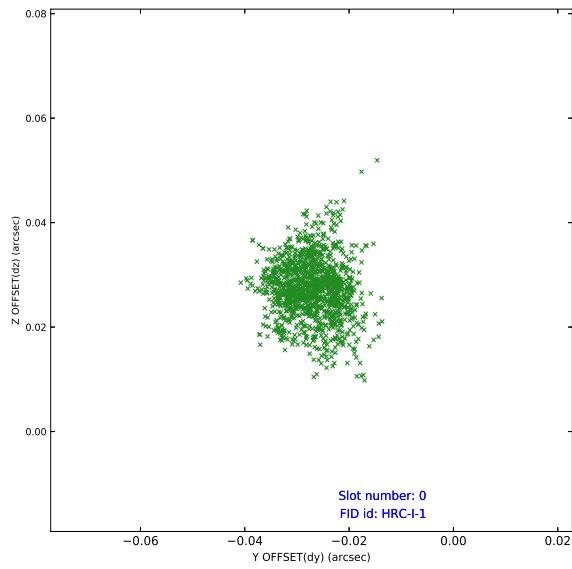


2.4.5 Slot 7

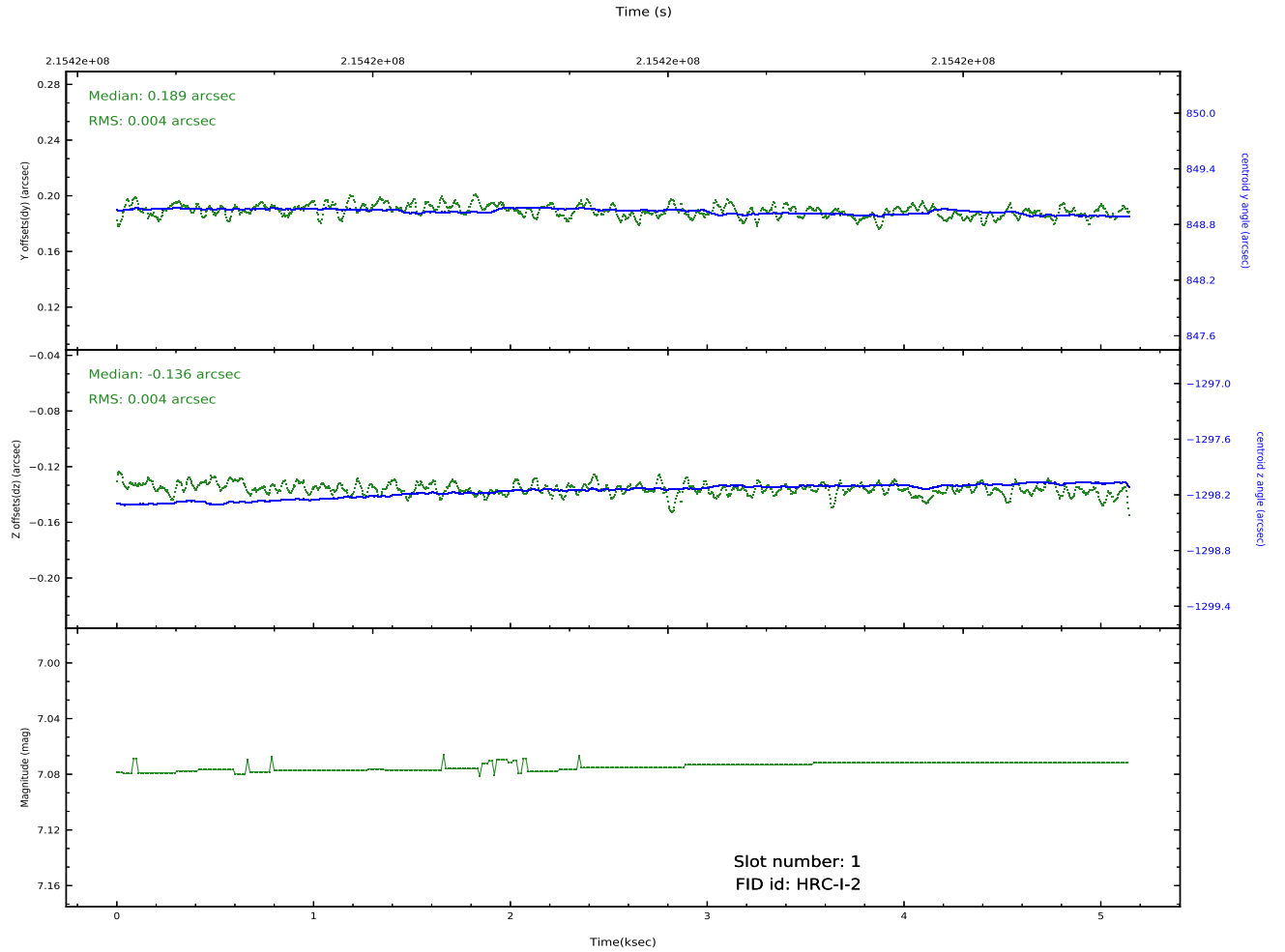
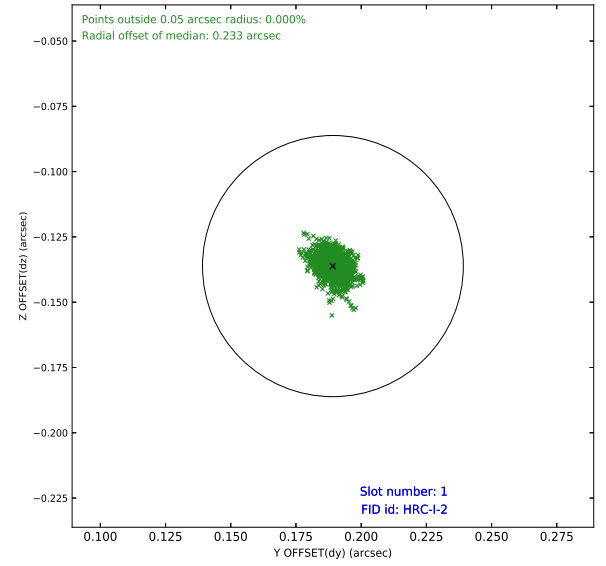
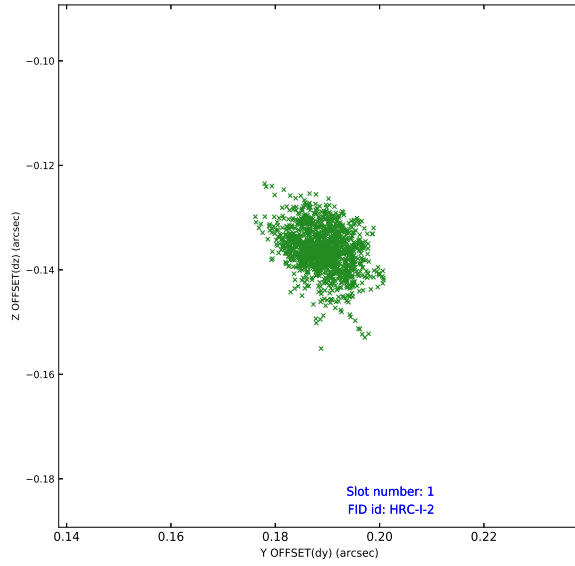


2.5 FID Slots

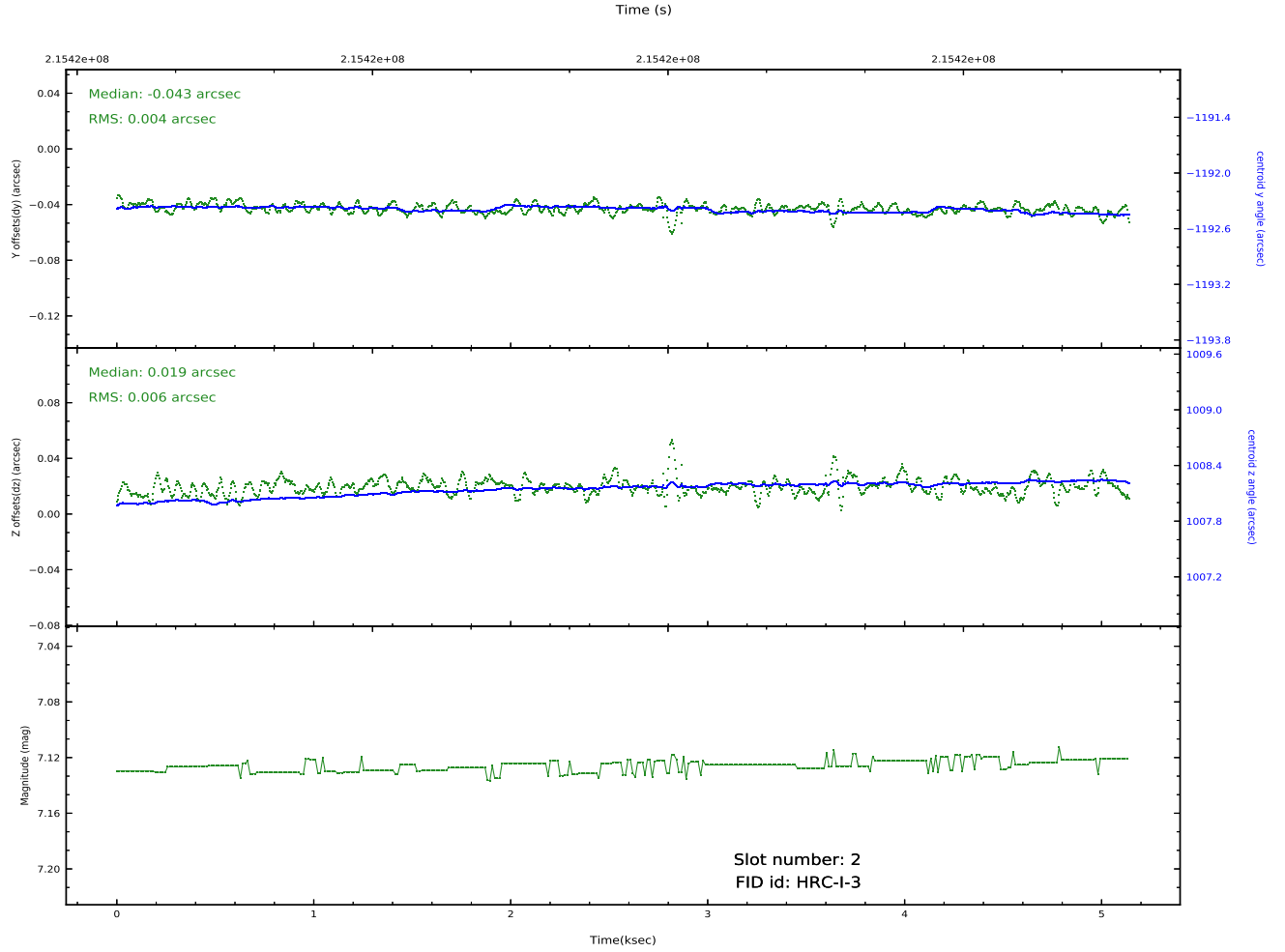
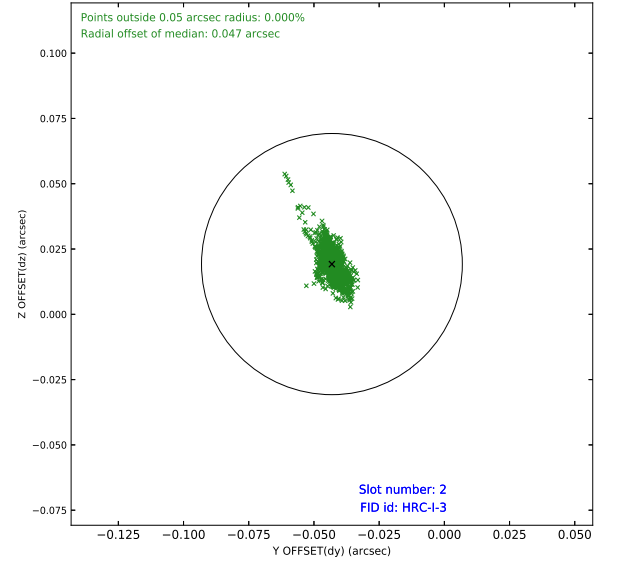
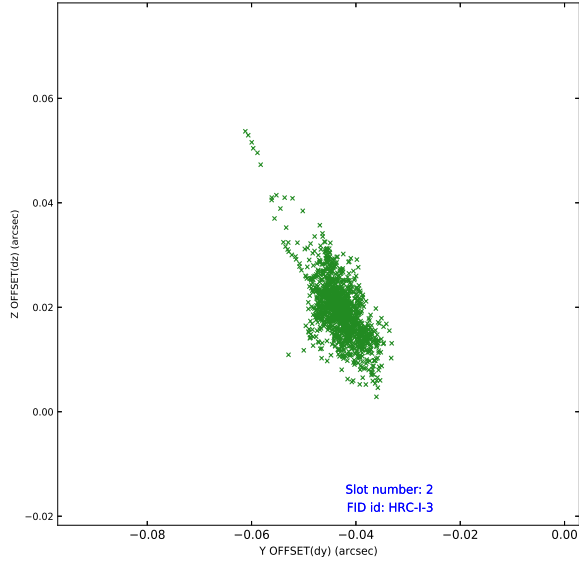
2.5.1 Slot 0



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)	2020.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.144

A.2 Comments

Window preference met.