

V&V Reference Report

L2 ASCDS Version : 10.9.2

Observation 20334 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 24 2020

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1 Front

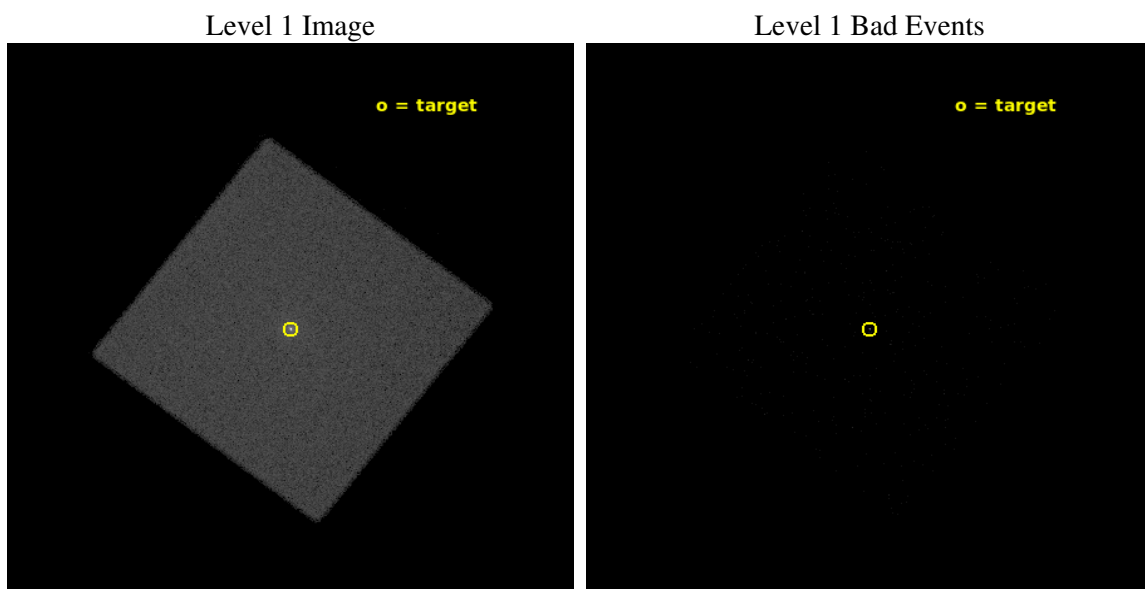
seq_num	503027	Sequence number
obs_id	20334	Observation id
title	Chandra ToO observations of Swift Galactic Plane Survey sources	Pr
observer	Chryssa Kouveliotou	Principal investigator
object	MAXI J1621-501	Source name
ra_targ	245.091708	Observer's specified target RA [deg]
dec_targ	-50.019889	Observer's specified target Dec [deg]
ra_nom	245.09384745801	Nominal RA [deg]
dec_nom	-50.017021263723	Nominal Dec [deg]
roll_nom	82.808734967684	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2641.6814057827	[s]
livetime	2605.492800379	Ontime multiplied by DTCOR
l2events	314719	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	2500.000000	[s] Scheduled observation exposure time
ascdsver	10.9.2	Processing system revision	ontime	2641.6814057827	[s]
caldsver	4.9.3	 	l1events	568094	Number of level 1 events
date	2020-10-24T18:25:54	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

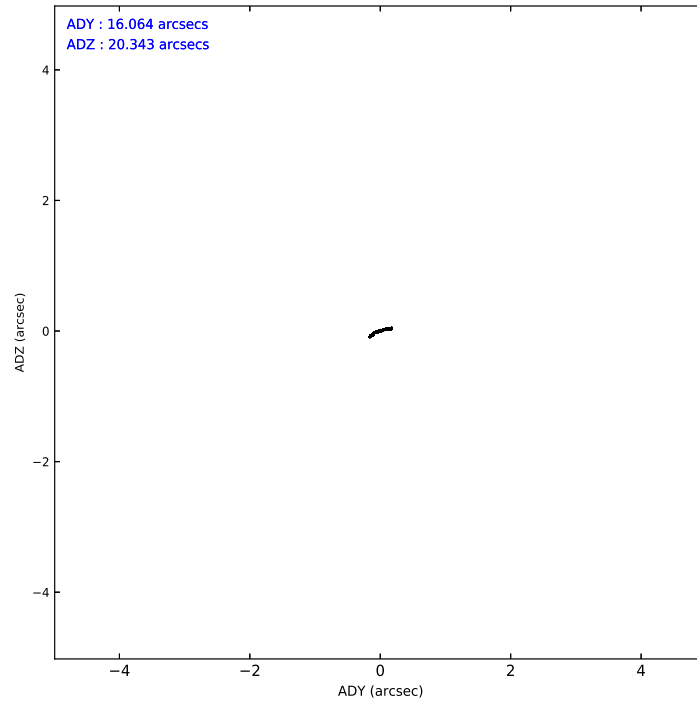
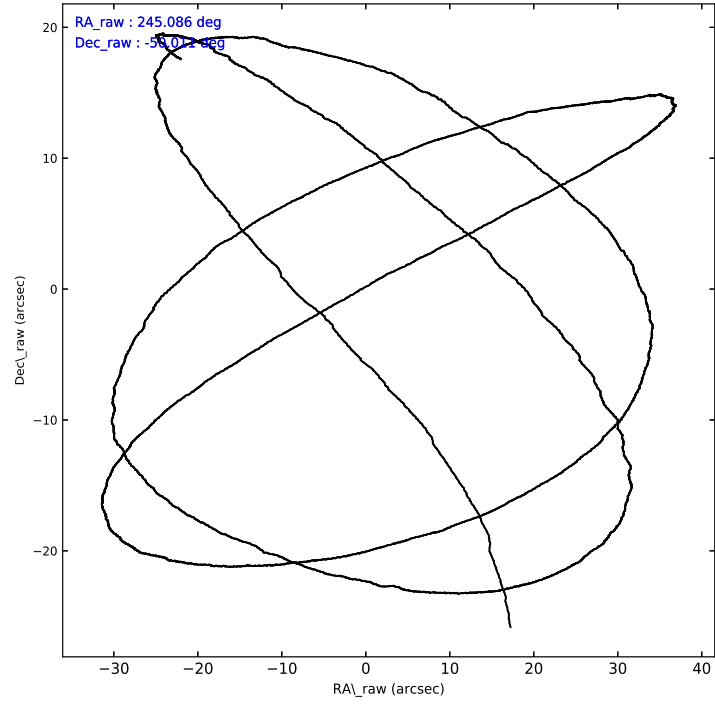
	segment 0
level 1 events	568094
rejected events	155705
rejected %	27%

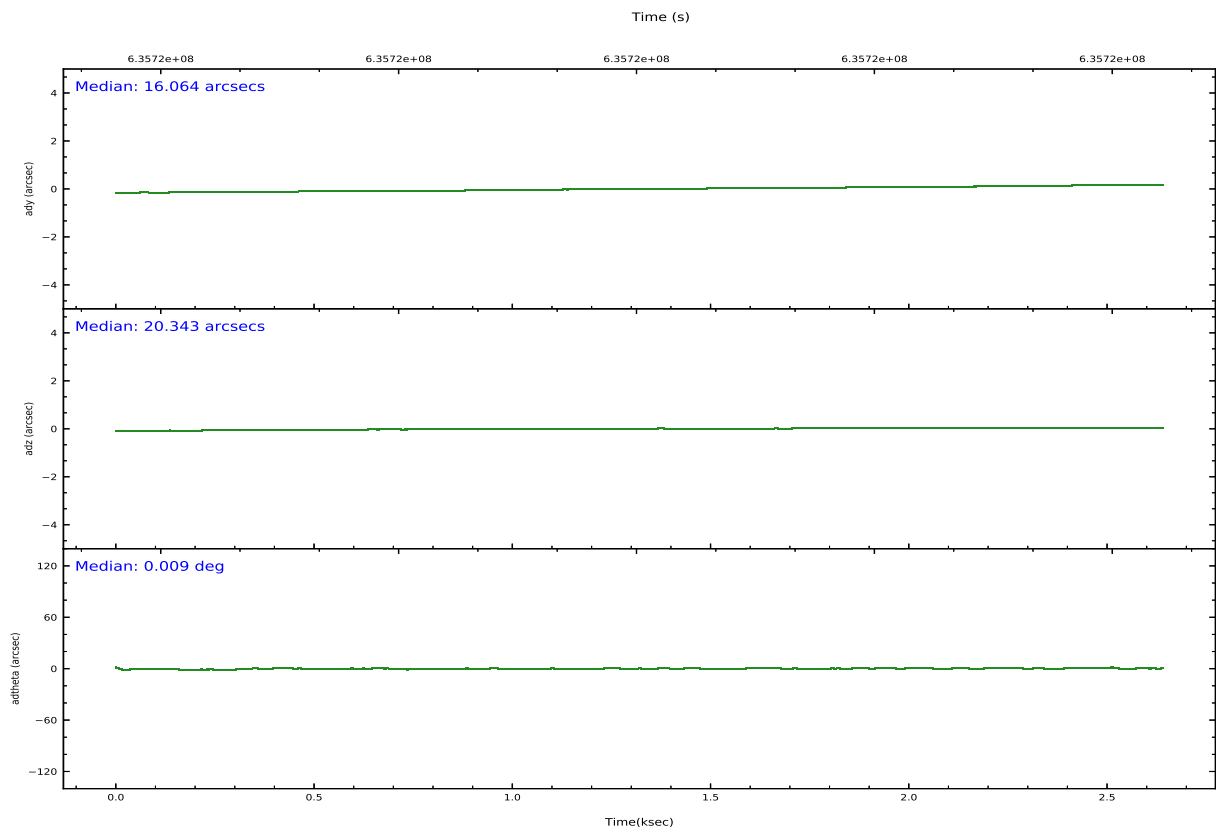
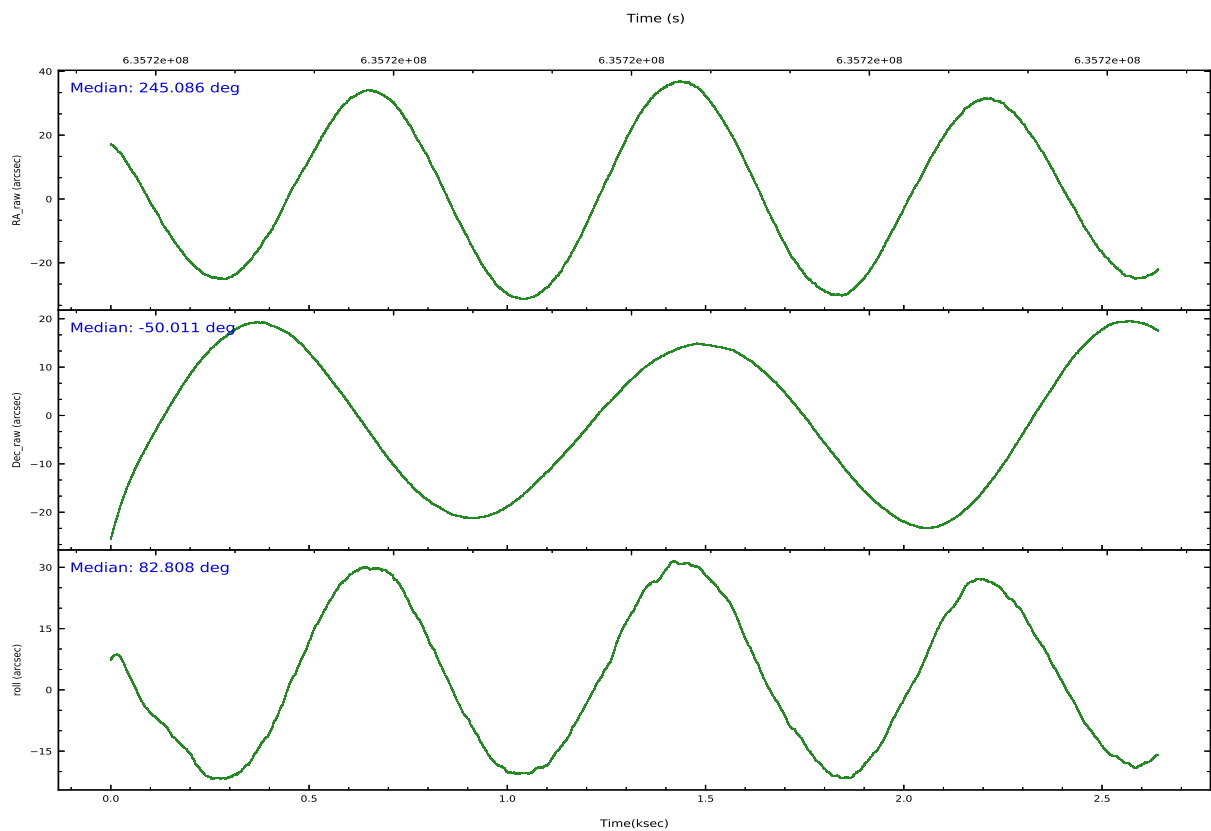
2.2 Compared Parameters

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	245.103499	245.09384745801
[deg] Pointing Dec	-50.037087	-50.017021263723
[deg] Pointing Roll	82.930678	82.808734967684
[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)	635716028.184000	635714904.44566
Observation start date	2018-02-22T19:45:59	2018-02-22T19:28:24
[s] Observation end time (MET)	635718528.184000	635719409.32093
Observation end date	2018-02-22T20:27:39	2018-02-22T20:43:29

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

2.3 Aspect



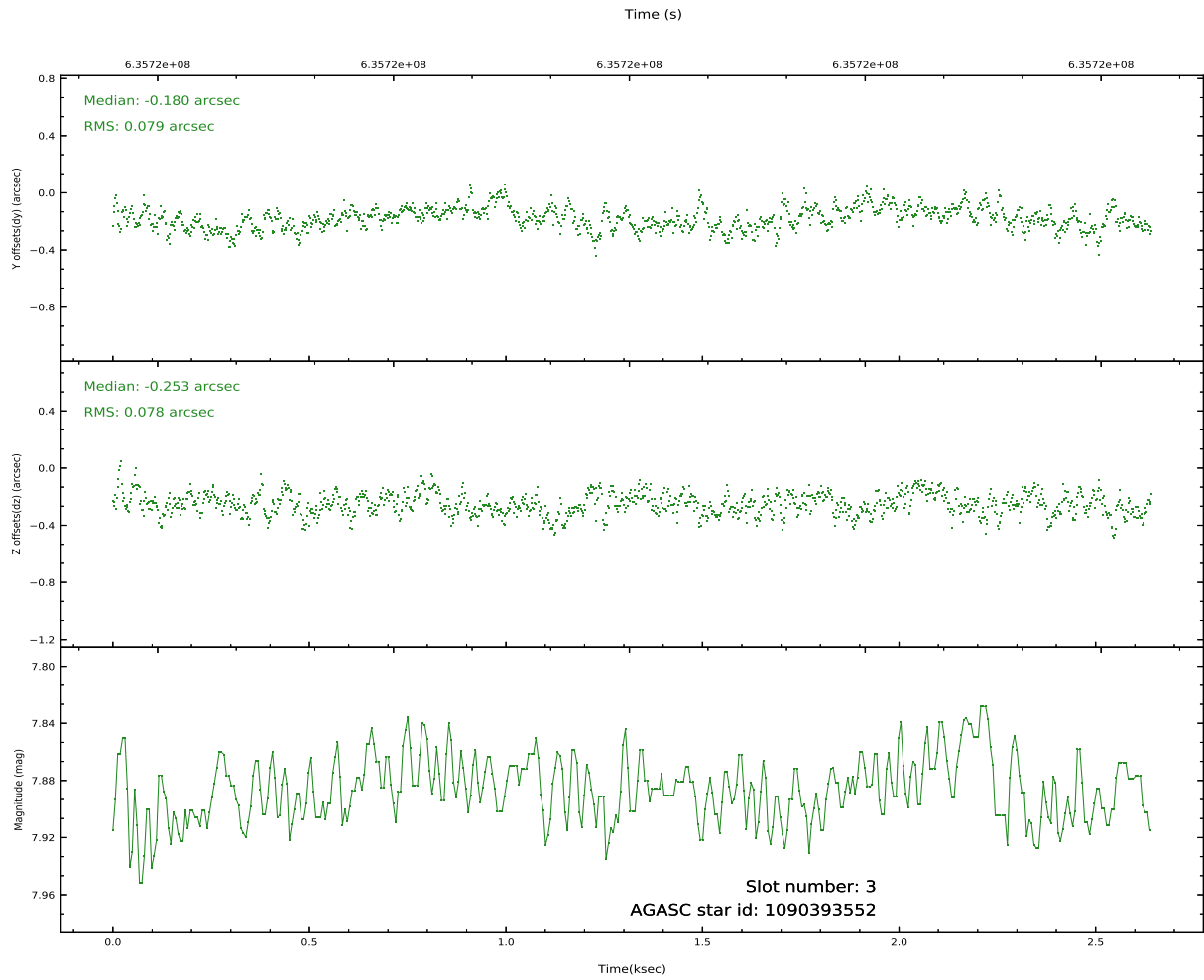
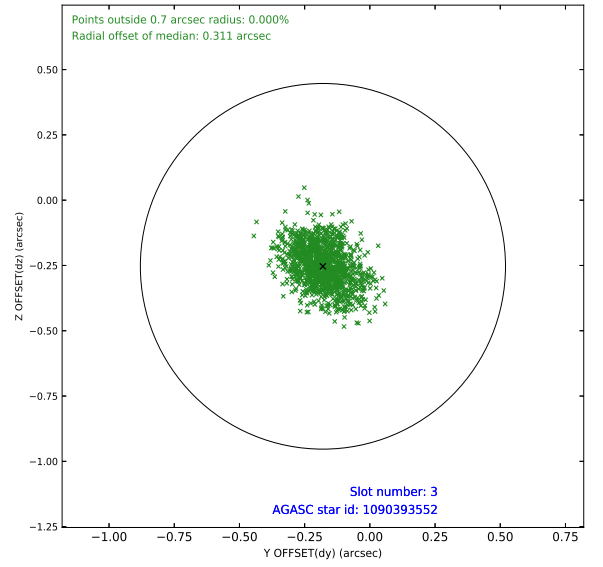
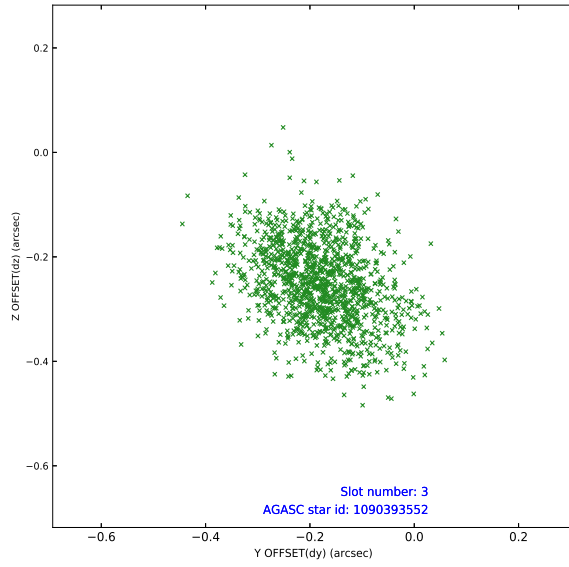


Slot Statistics

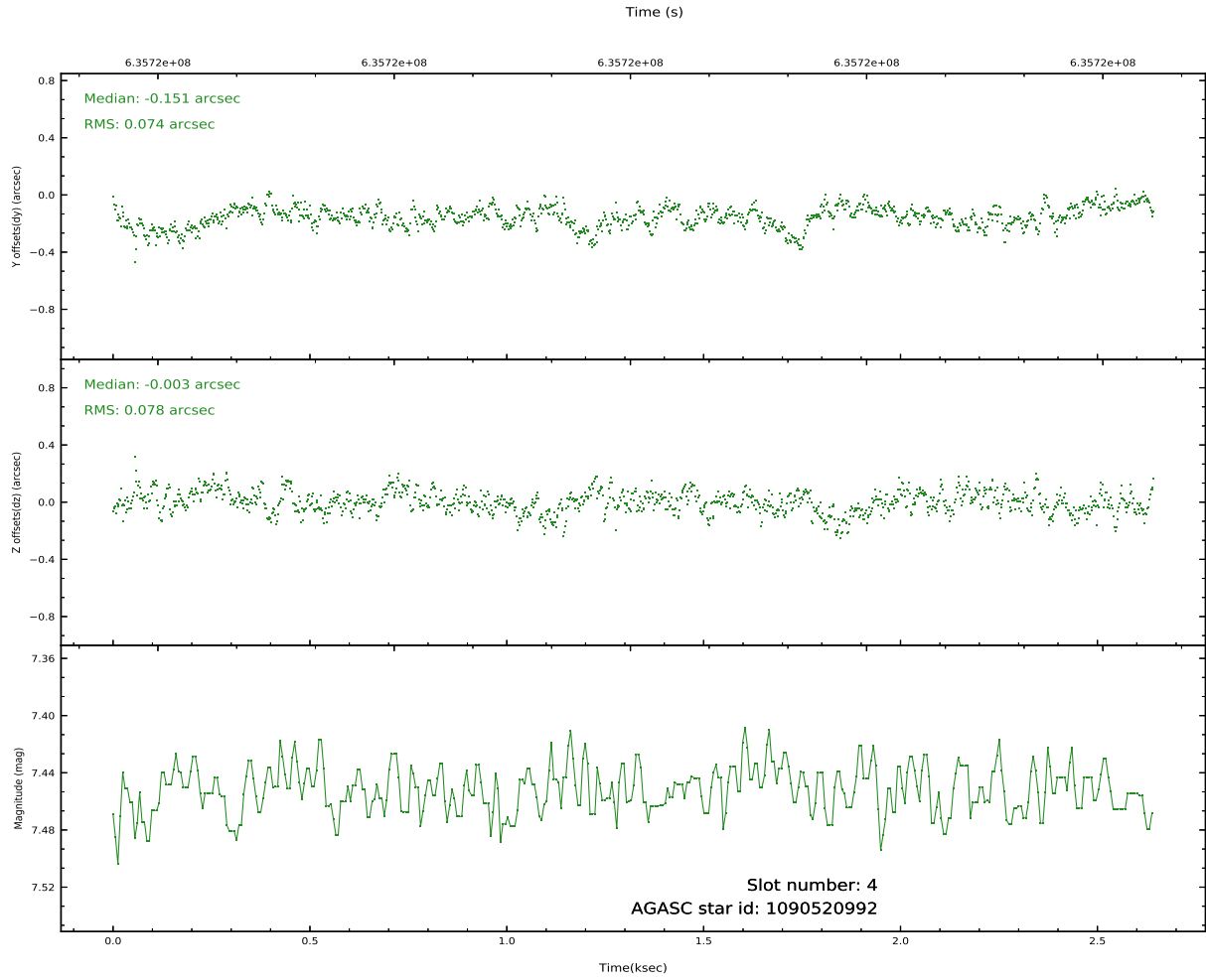
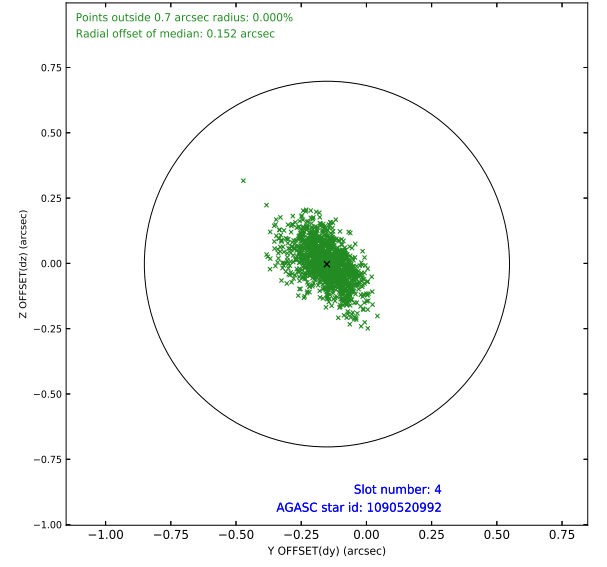
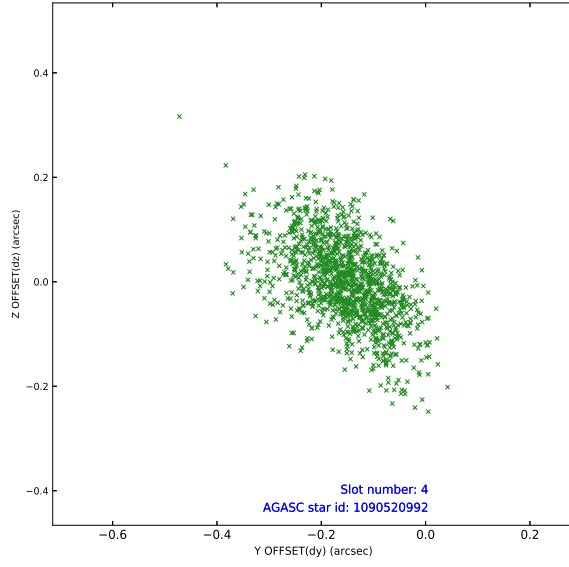
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.99	645	1.000	-0.072	0.040	0.008	0.018	0.000000	0.000000	-771.98	-1308
1	FID		HRC-I-2	7.02	645	1.000	0.289	-0.200	0.006	0.013	0.000000	0.000000	839.81	-1312
2	FID		HRC-I-3	7.08	645	1.000	-0.098	0.071	0.006	0.012	0.000000	0.000000	-1199.15	994
3	GUIDE	used	1090393552	7.89	1290	1.000	-0.180	-0.253	0.118	0.192	244.664084	-49.413876	2095.30	1296
4	GUIDE	used	1090520992	7.45	1290	1.000	-0.151	-0.003	0.111	0.196	245.489527	-49.662443	1447.08	-726
5	GUIDE	used	1090531048	8.34	1290	1.000	0.271	0.397	0.112	0.193	246.008201	-50.442227	-1204.99	-2240
6	GUIDE	used	1090397136	9.16	1290	1.000	-0.046	-0.146	0.160	0.298	243.971780	-50.589354	-2313.39	2316
7	GUIDE	used	1090921280	9.03	1286	1.000	0.111	0.009	0.146	0.255	244.365071	-50.638328	-2366.85	1406

2.4 Star Slots

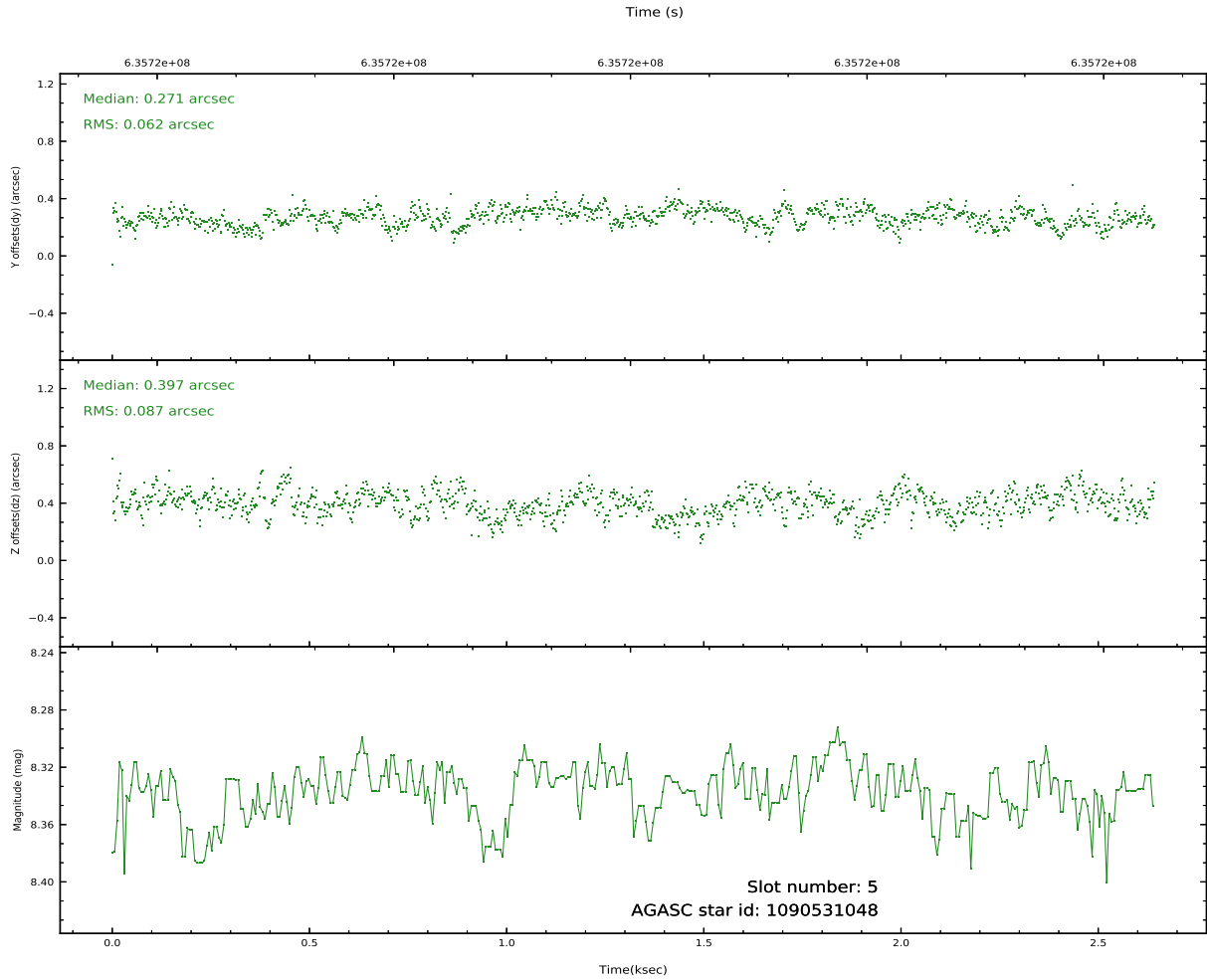
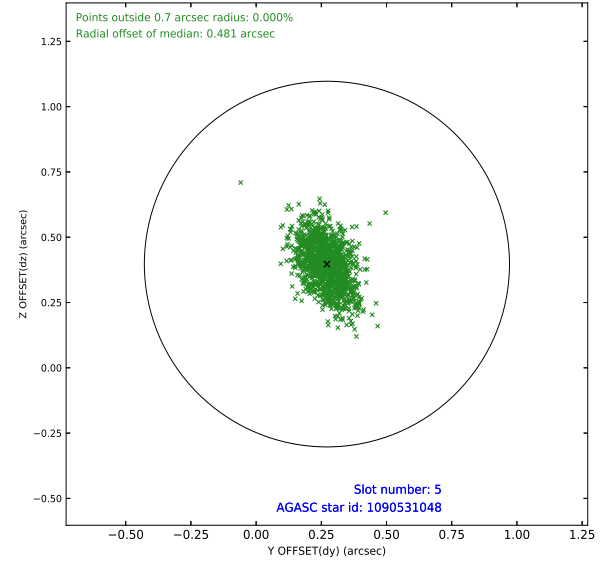
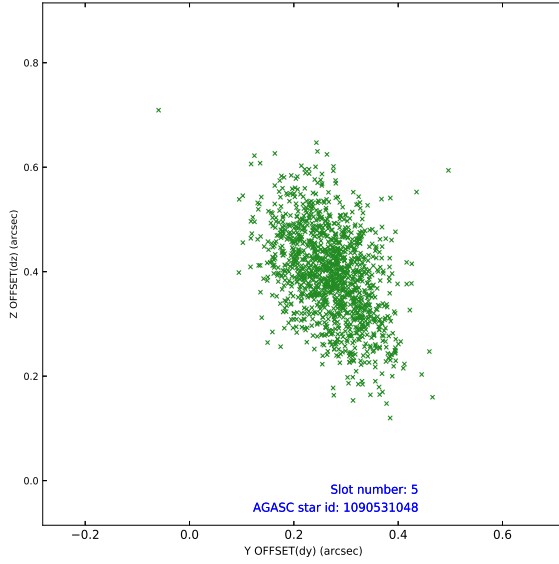
2.4.1 Slot 3



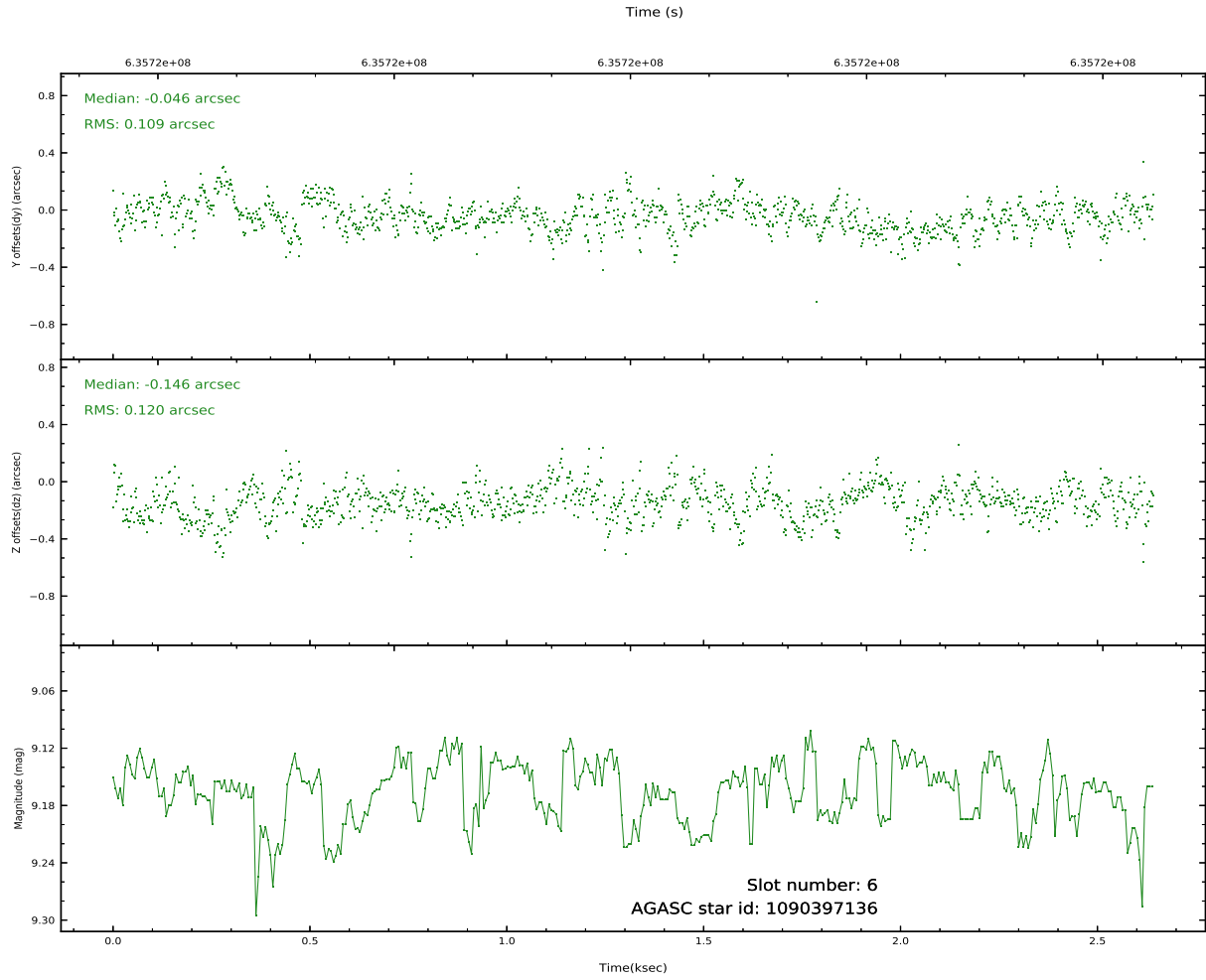
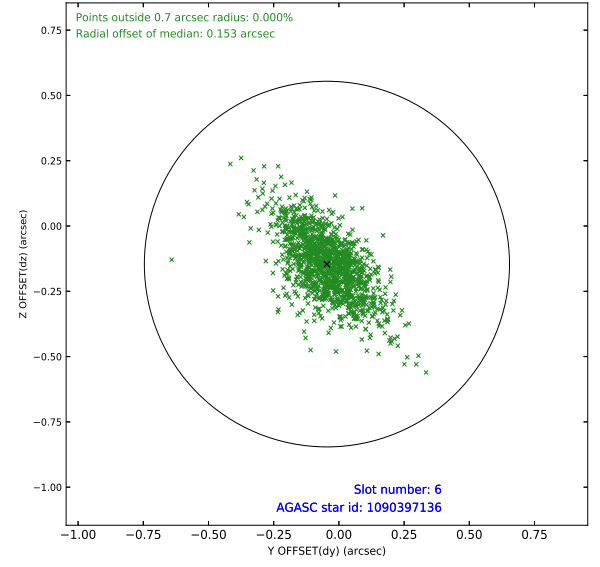
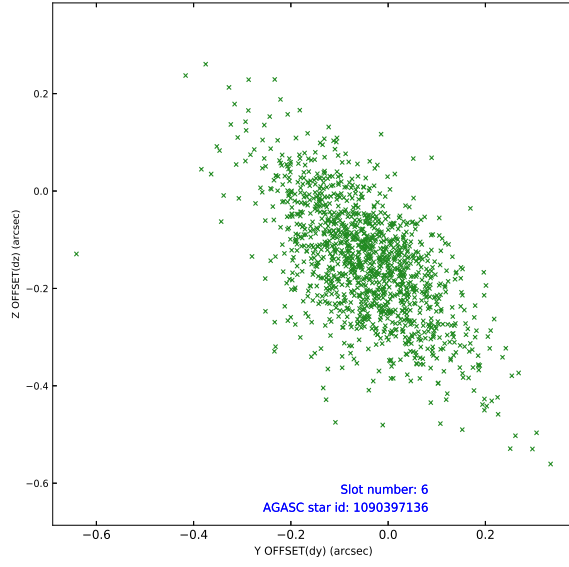
2.4.2 Slot 4



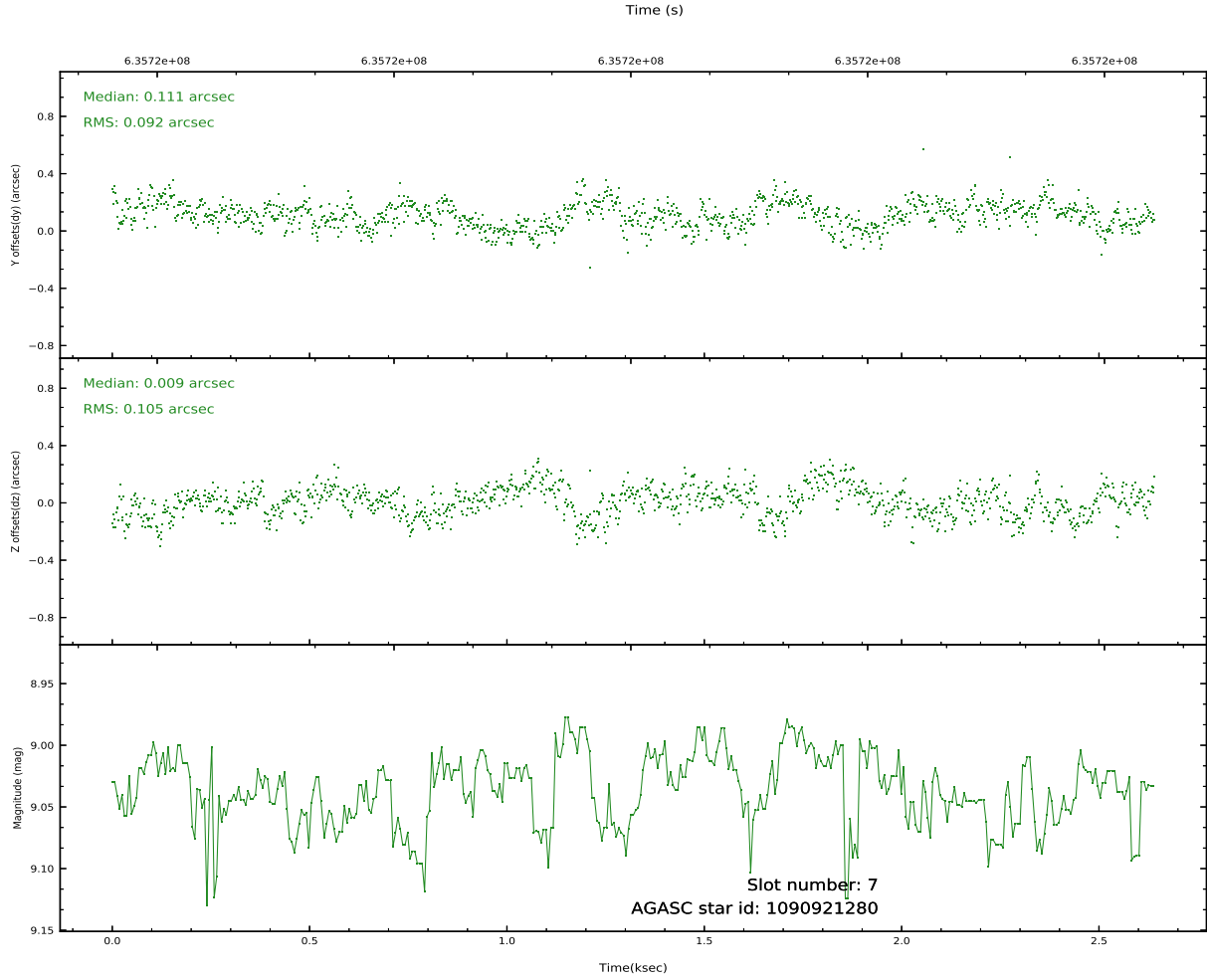
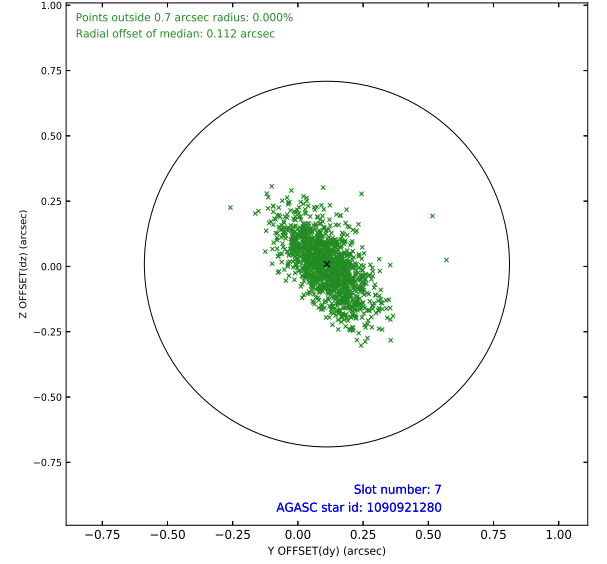
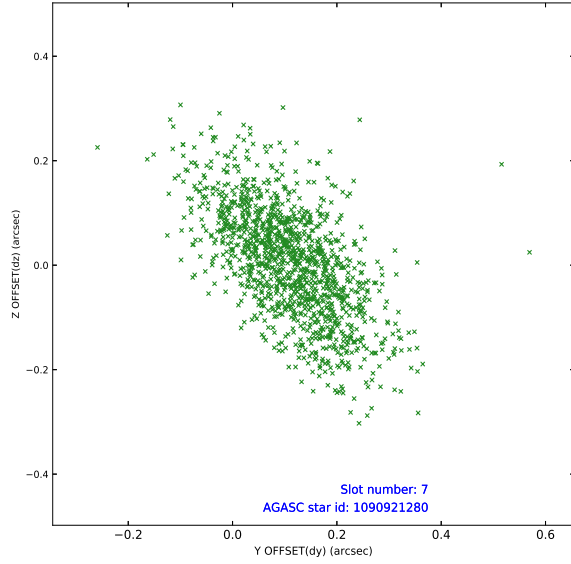
2.4.3 Slot 5



2.4.4 Slot 6

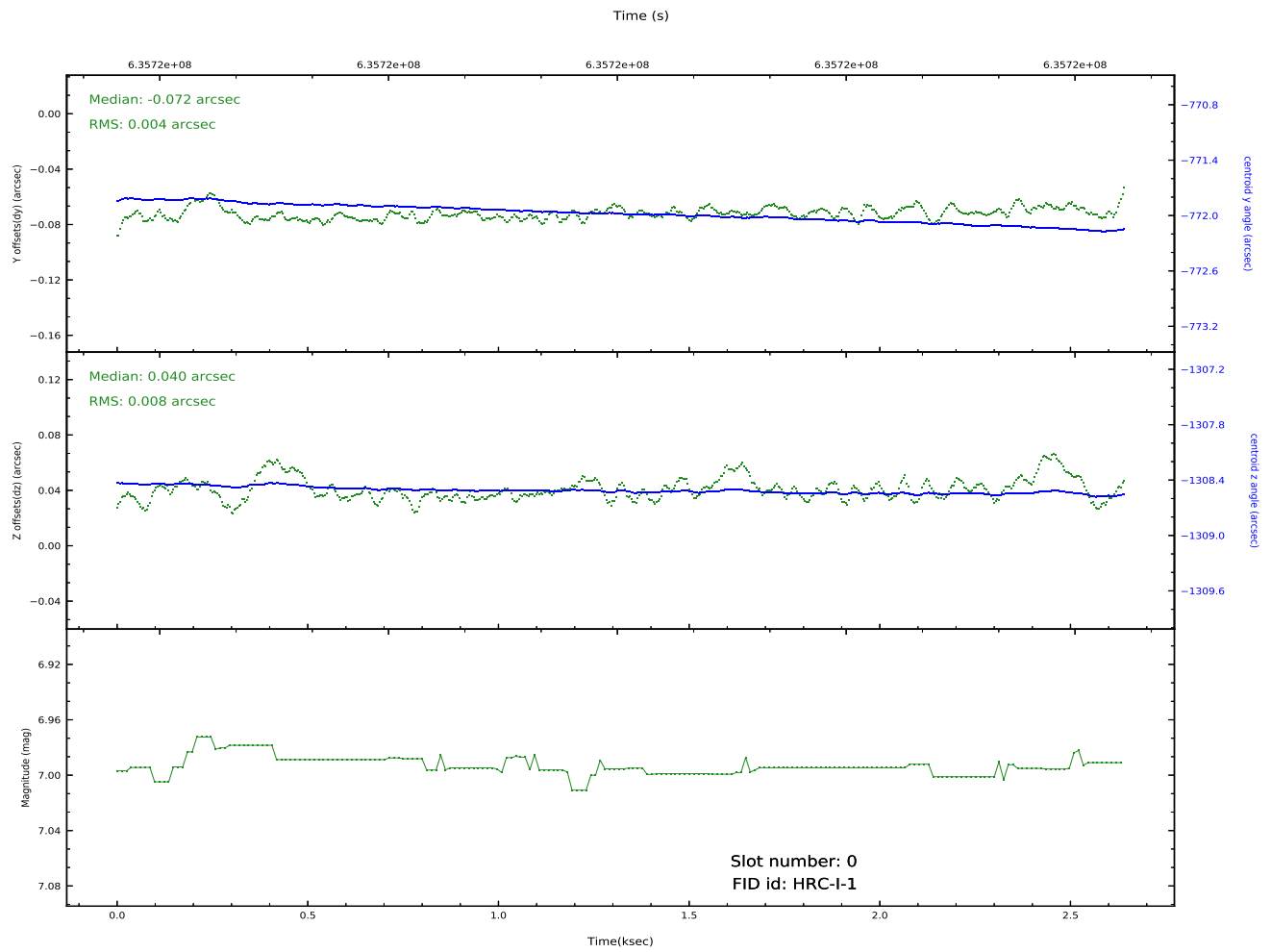
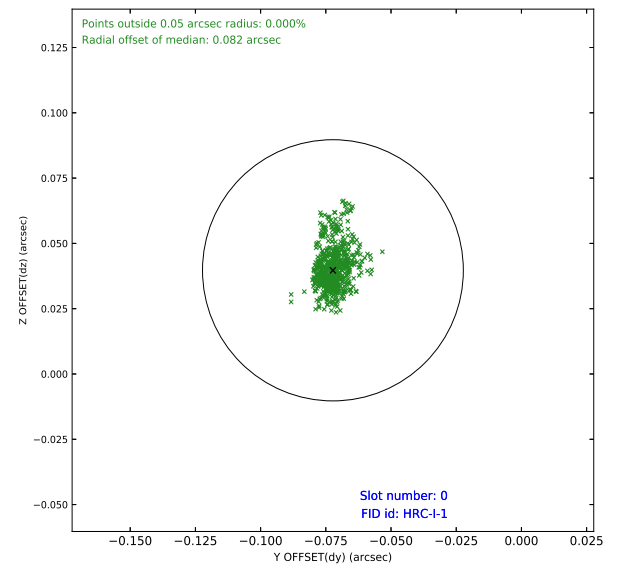
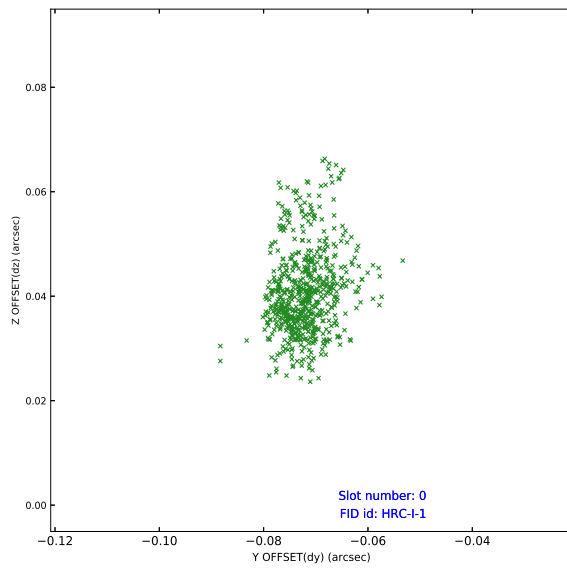


2.4.5 Slot 7

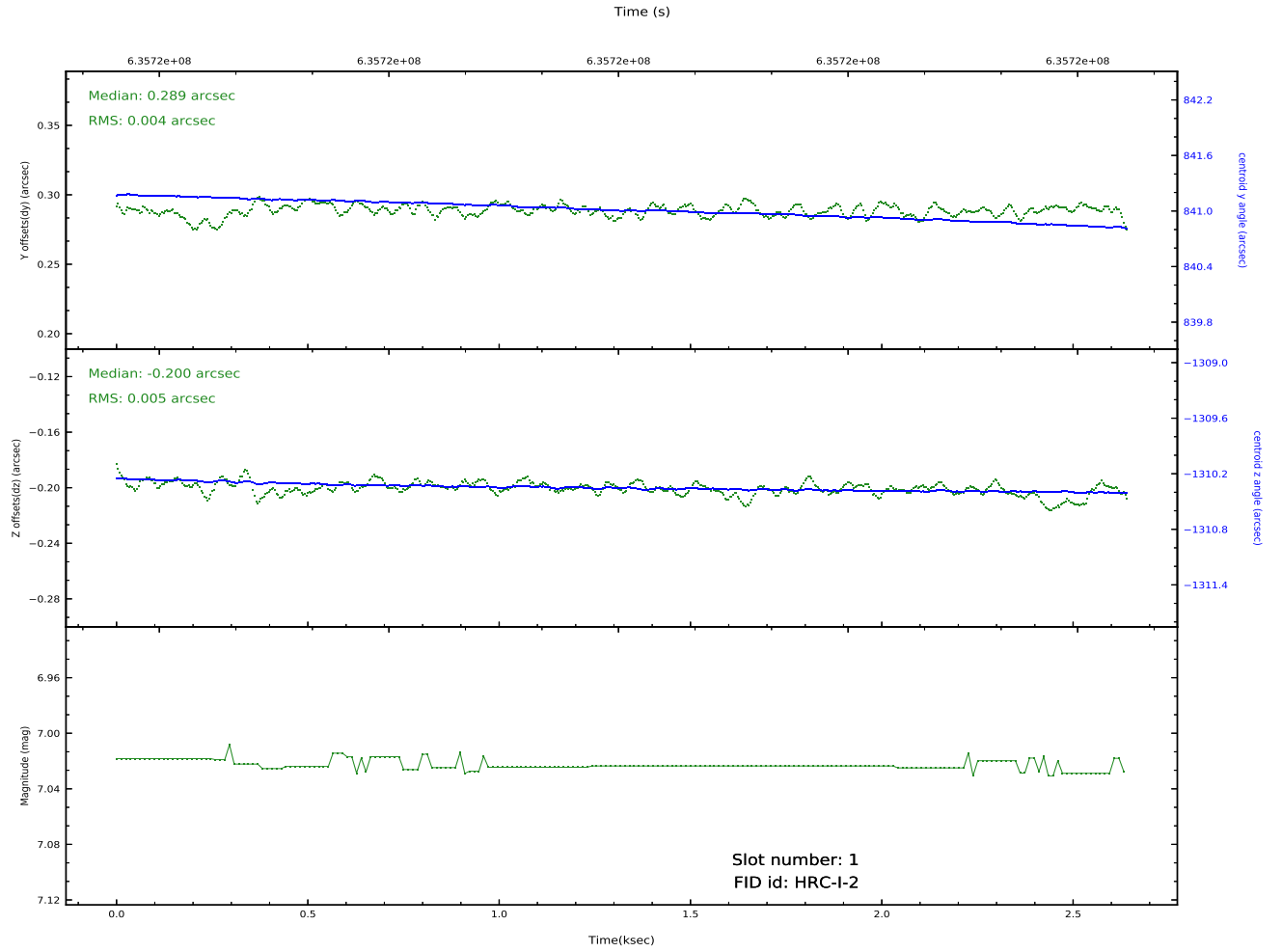
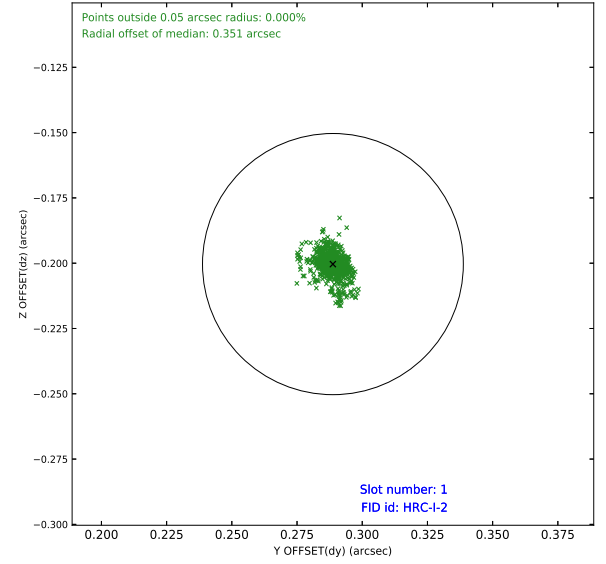
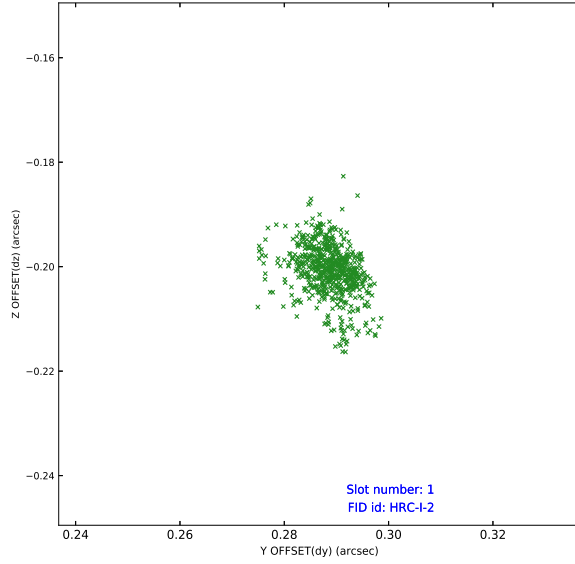


2.5 FID Slots

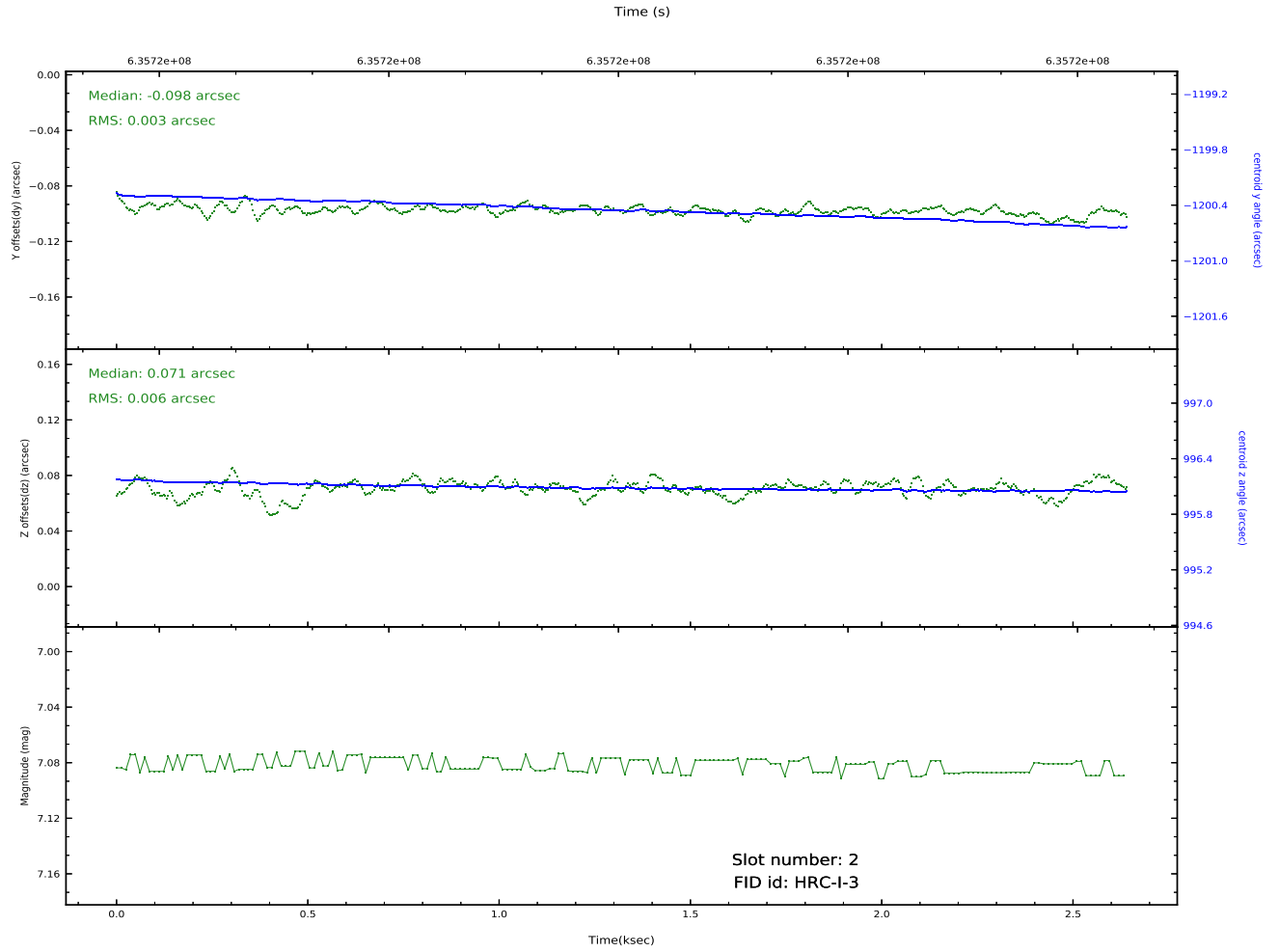
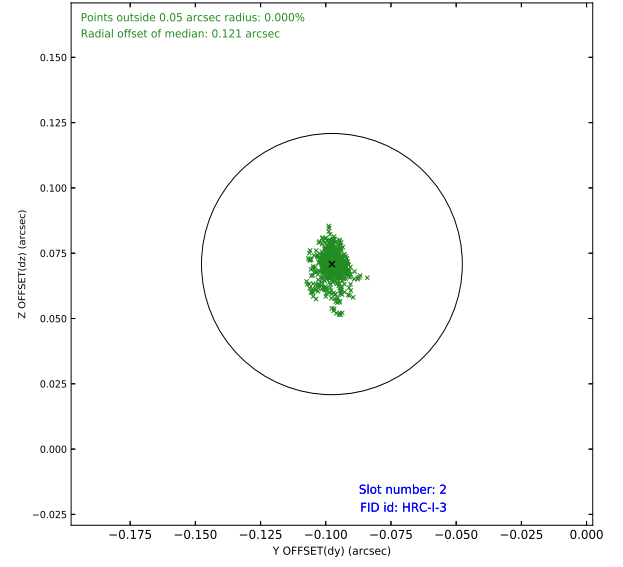
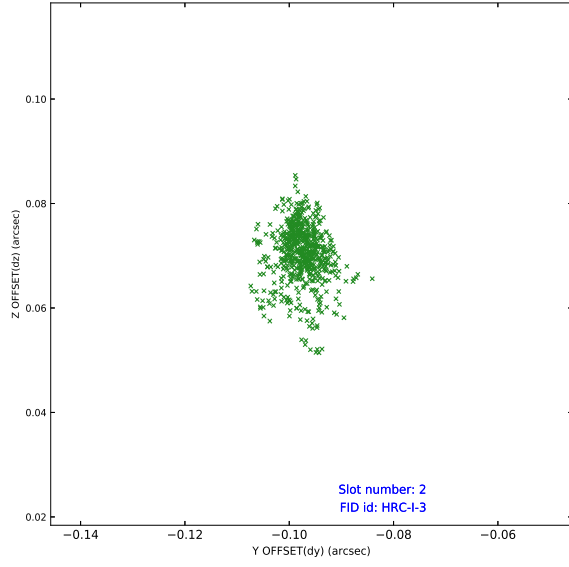
2.5.1 Slot 0



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)	2020.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.6416814057827

A.2 Comments