

V&V Reference Report

L2 ASCDS Version : 10.8.1

Observation 21206 - L2 Version 1
Chandra X-Ray Center

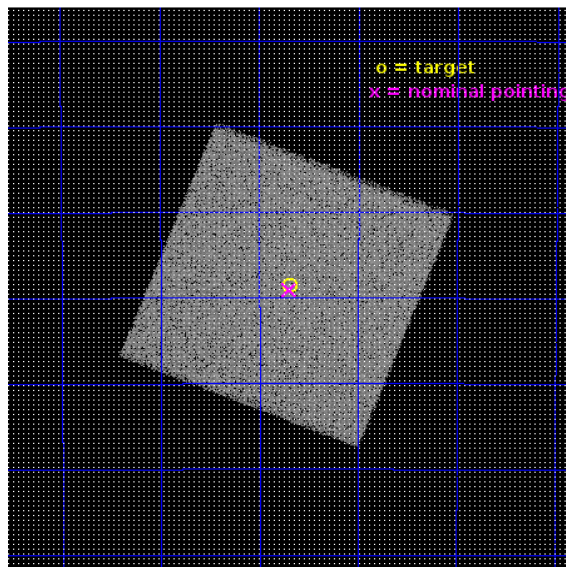
L2 Processing Date : Oct 30 2019

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1 Front

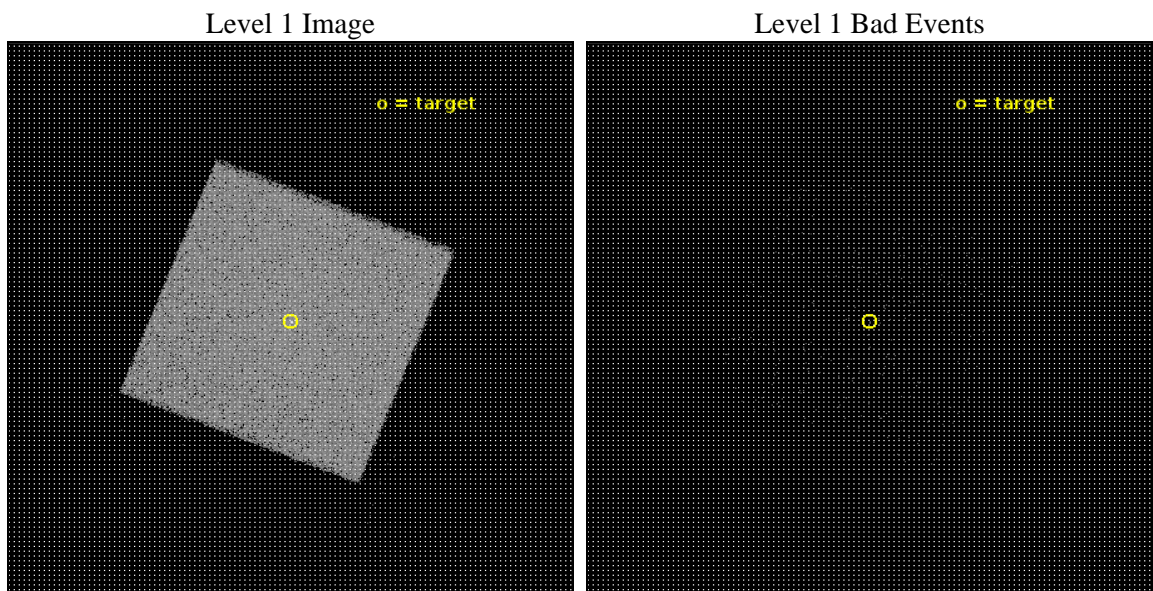
seq_num	402039	Sequence number
obs_id	21206	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Deepto Chakrabarty	Principal investigator
object	Swift J1713.4-4219	Source name
ra_targ	258.420875	Observer's specified target RA [deg]
dec_targ	-42.310417	Observer's specified target Dec [deg]
ra_nom	258.42392406123	Nominal RA [deg]
dec_nom	-42.317803360747	Nominal Dec [deg]
roll_nom	246.70207539766	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1170.5500706434	[s]
livetime	1156.1178782484	Ontime multiplied by DTCOR
l2events	122764	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	10.8.1	Processing system revision	ontime	1170.5500706434	[s]
caldbver	4.8.4.2	 	l1events	269467	Number of level 1 events
date	2019-10-30T13:16:45	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

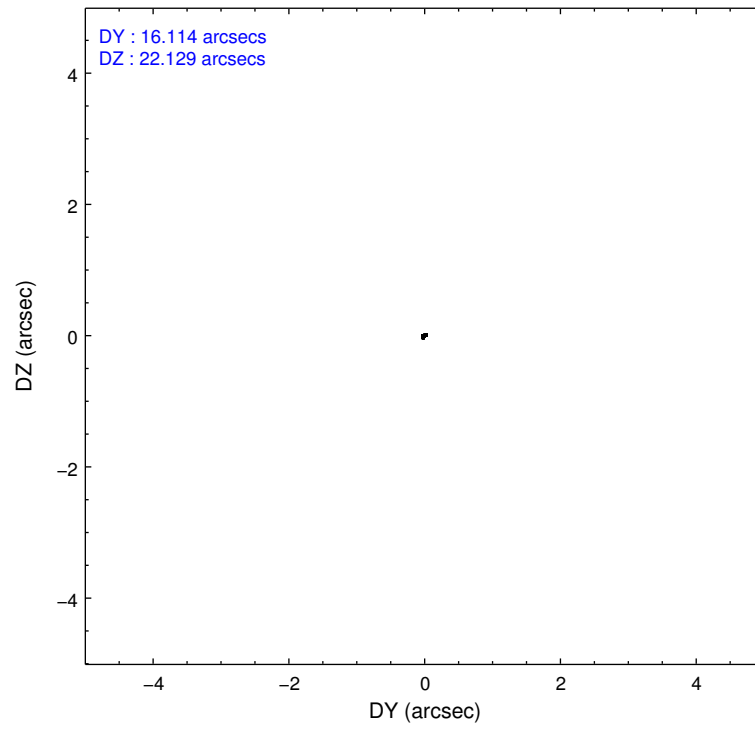
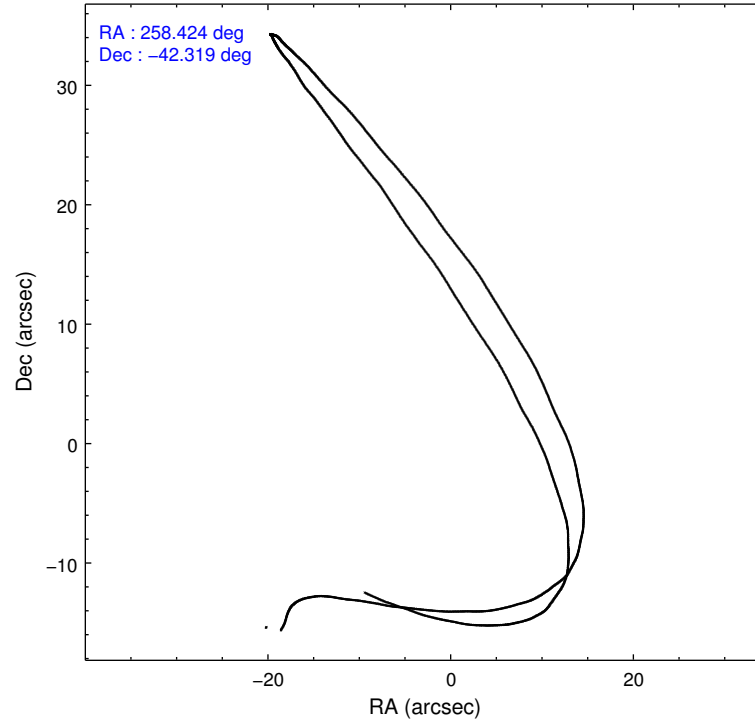
	segment 0
level 1 events	269467
rejected events	119369
rejected %	44%

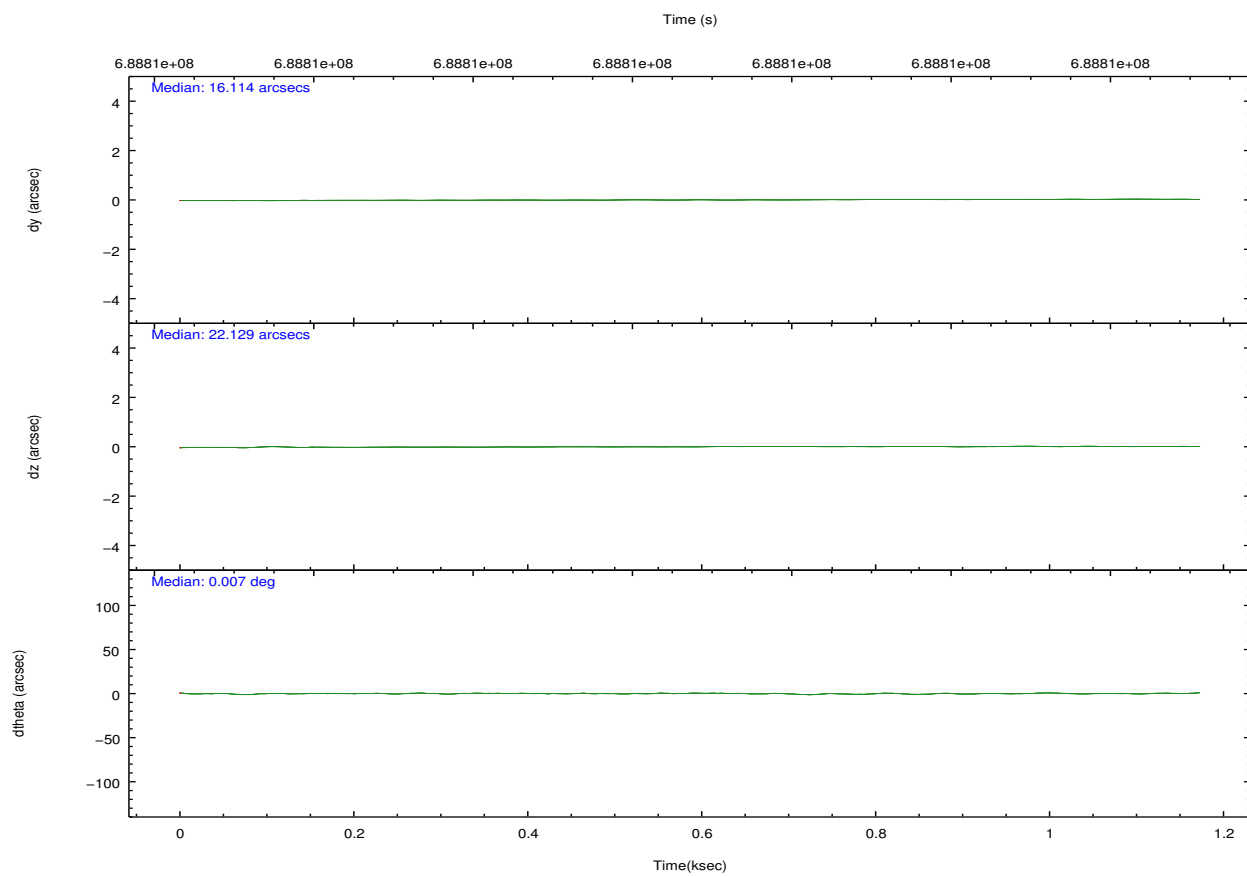
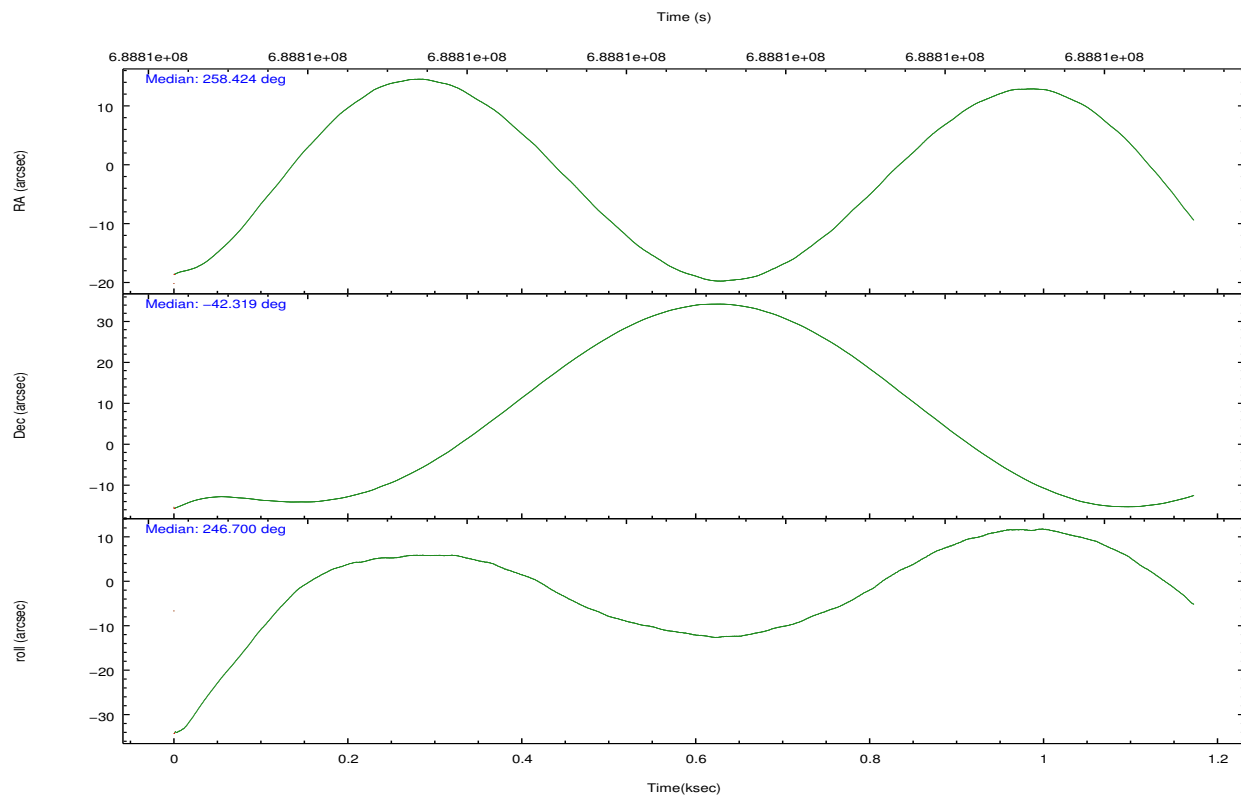
2.2 Compared Parameters

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	258.417581	258.4239240612305
[deg] Pointing Dec	-42.289862	-42.31780336074684
[deg] Pointing Roll	246.793522	246.7020753976576
[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)	688805864.184000	688804798.0659
Observation start date	2019-10-30T06:56:35	2019-10-30T06:39:58
[s] Observation end time (MET)	688806864.184000	688807888.44109
Observation end date	2019-10-30T07:13:15	2019-10-30T07:31:28

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



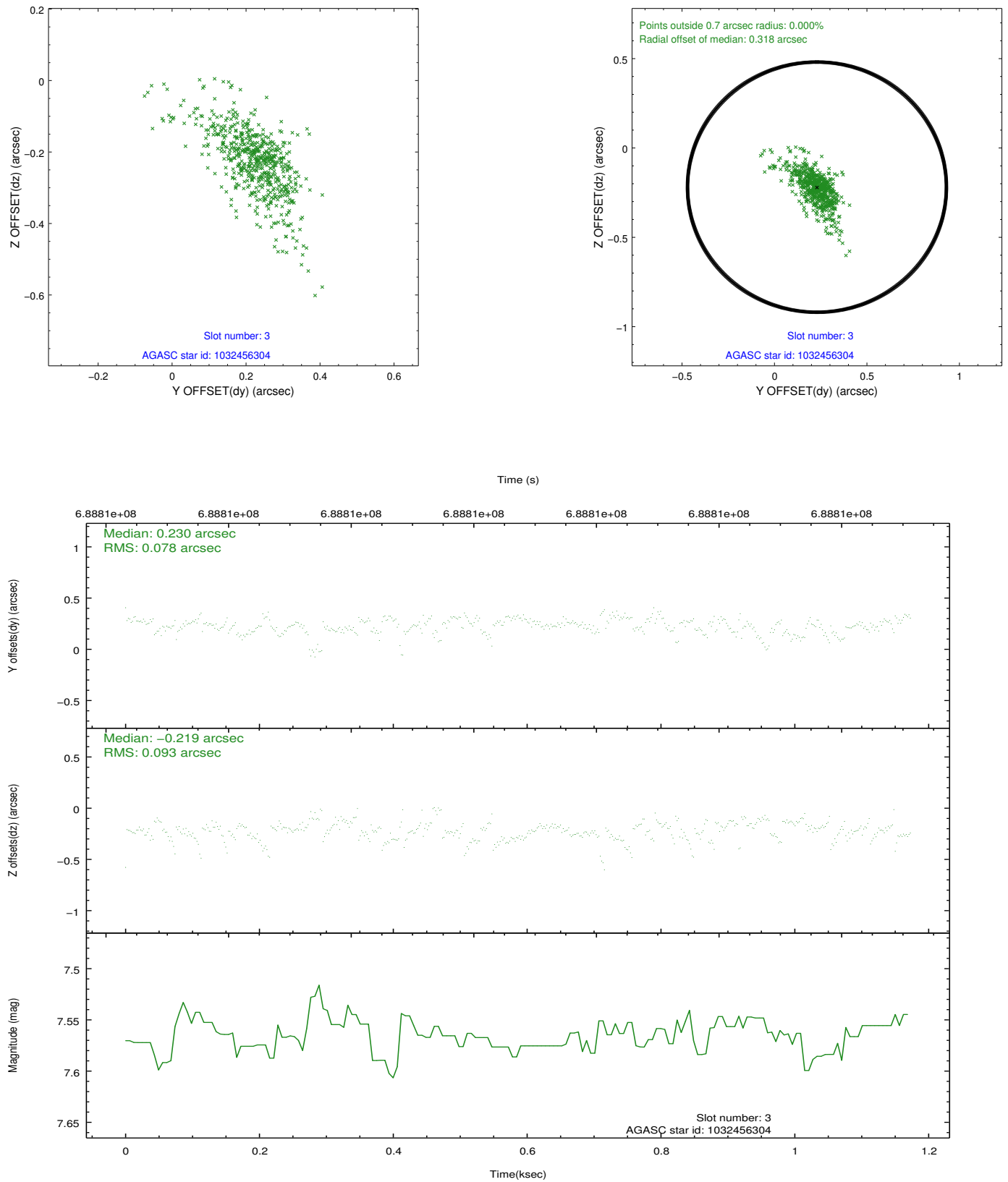


Slot Statistics

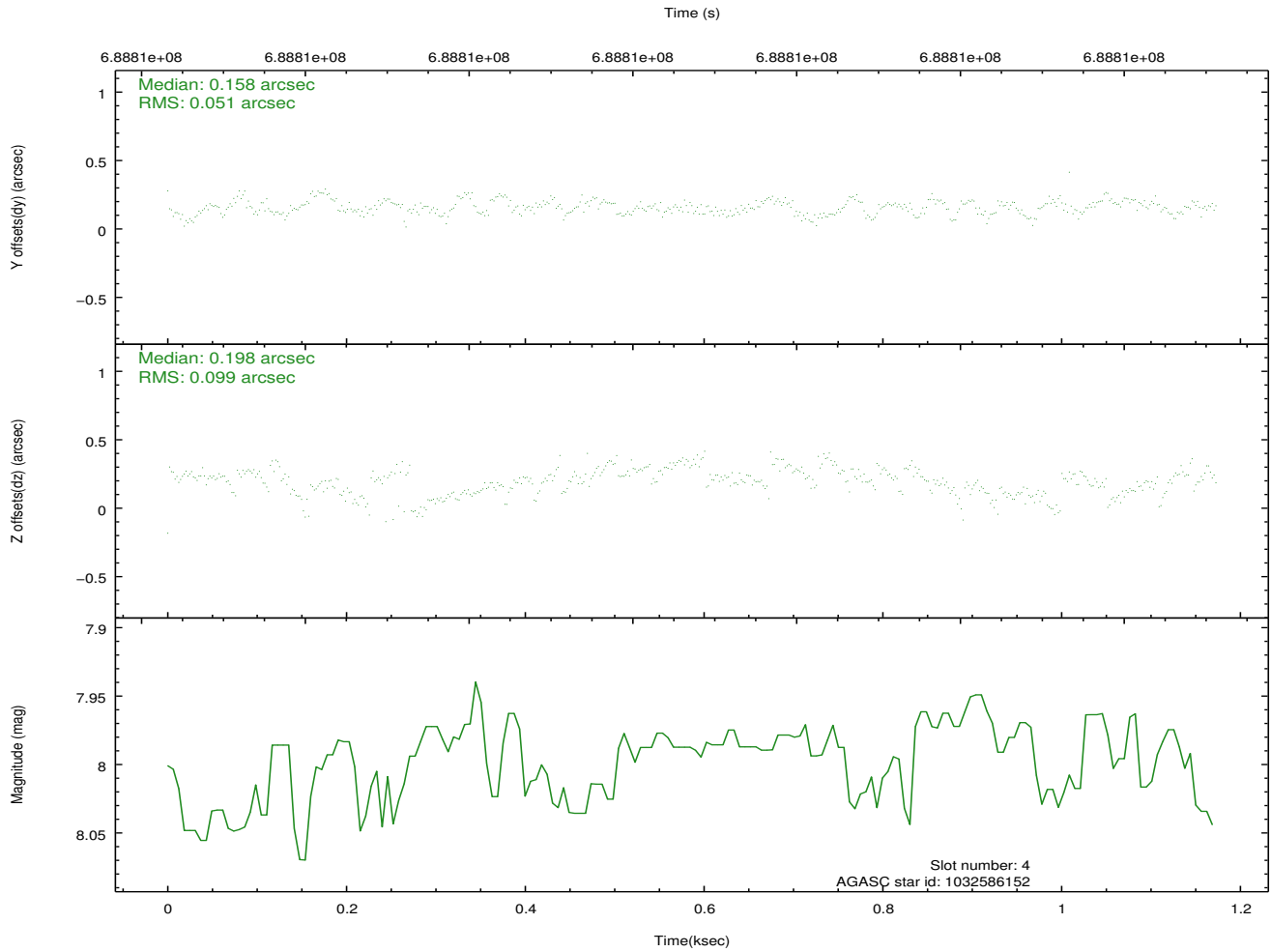
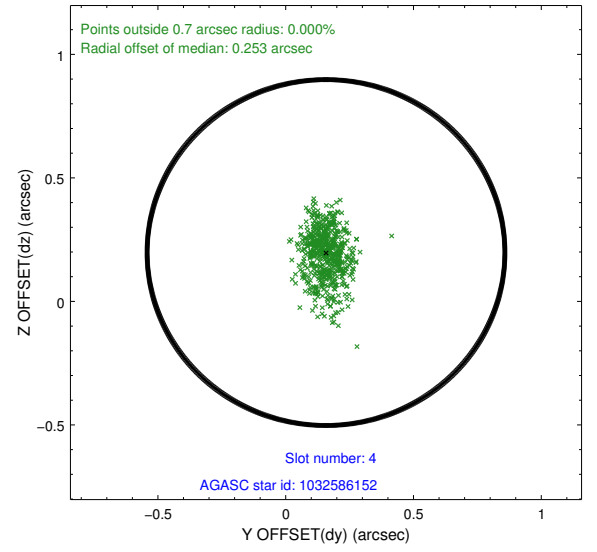
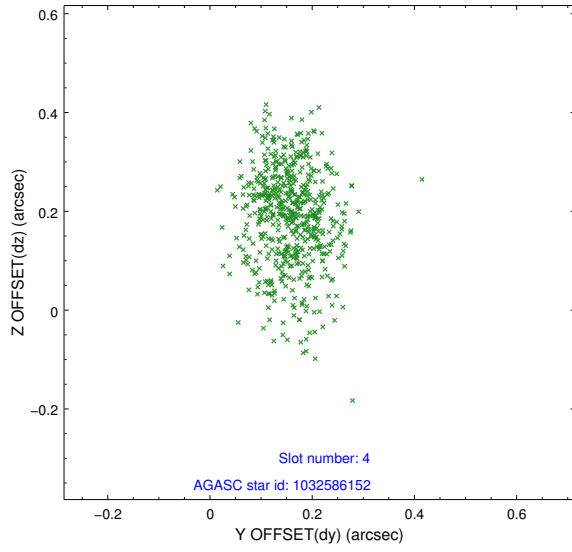
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-2	7.13	287	1.000	0.104	-0.209	0.008	0.016	0.000000	0.000000	840.84	-1312
1	FID		HRC-I-3	7.19	286	1.000	-0.461	0.062	0.007	0.012	0.000000	0.000000	-1197.98	989
2	FID		HRC-I-4	7.13	287	1.000	0.475	0.060	0.007	0.014	0.000000	0.000000	1267.12	995
3	GUIDE	used	1032456304	7.57	573	1.000	0.230	-0.219	0.115	0.252	257.339696	-42.413313	1554.07	-2454
4	GUIDE	used	1032586152	7.99	573	1.000	0.158	0.198	0.115	0.205	257.775367	-41.698189	-1269.26	-2430
5	GUIDE	used	1032589688	7.96	573	1.000	-0.422	-0.396	0.111	0.206	258.847071	-42.483253	190.71	1315
6	GUIDE	used	1032595312	7.85	573	1.000	-0.058	0.384	0.106	0.169	258.471474	-41.686149	-2054.63	-723
7	GUIDE	used	1032587336	8.27	571	1.000	0.109	0.060	0.094	0.156	258.349780	-42.077831	-634.32	-471

2.4 Star Slots

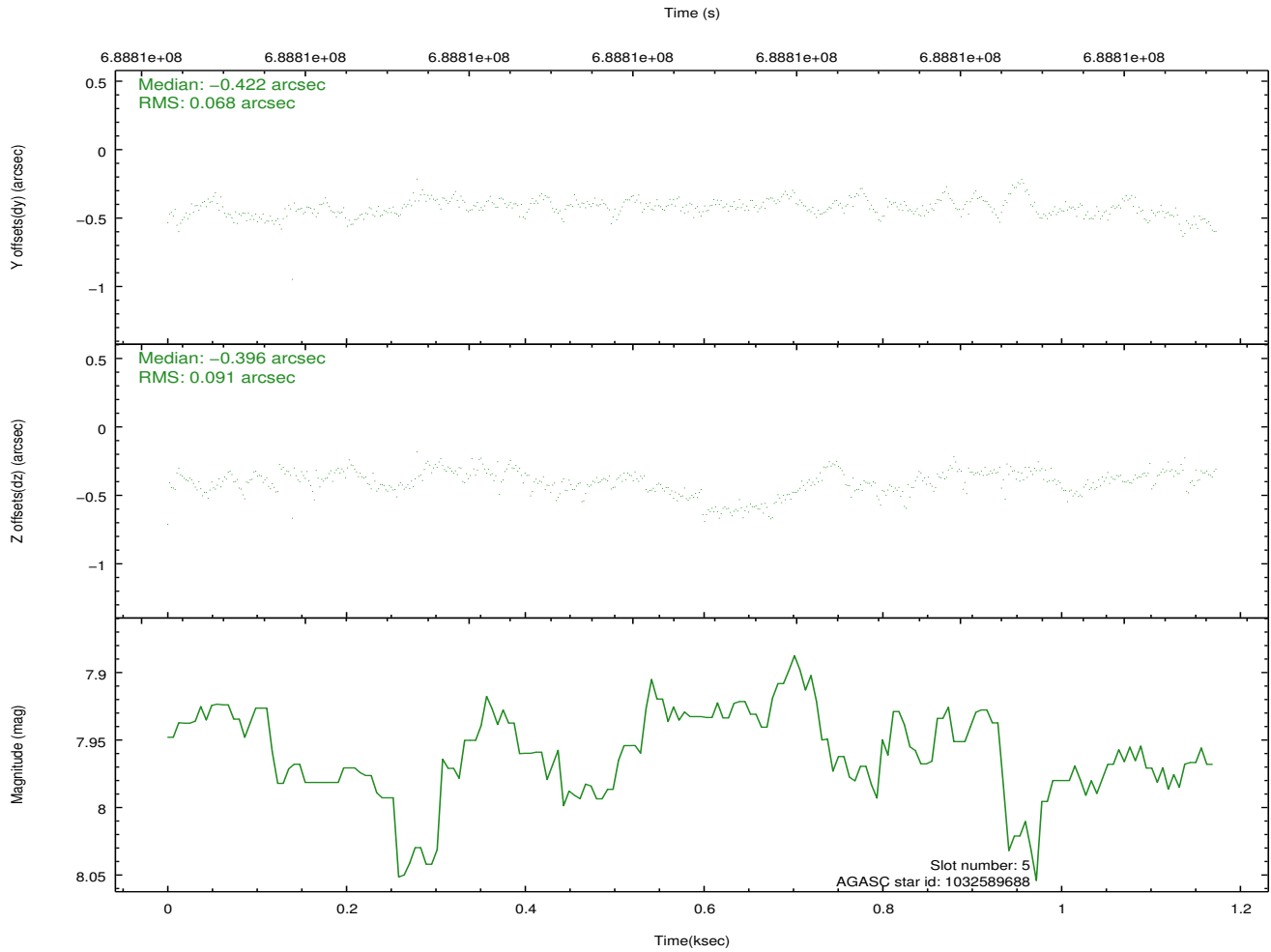
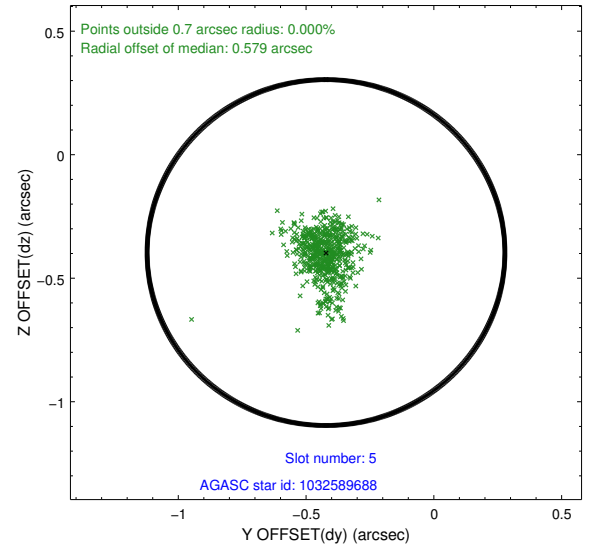
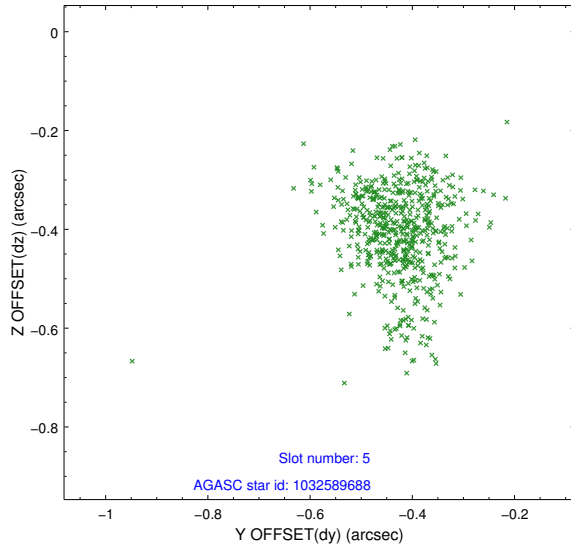
2.4.1 Slot 3



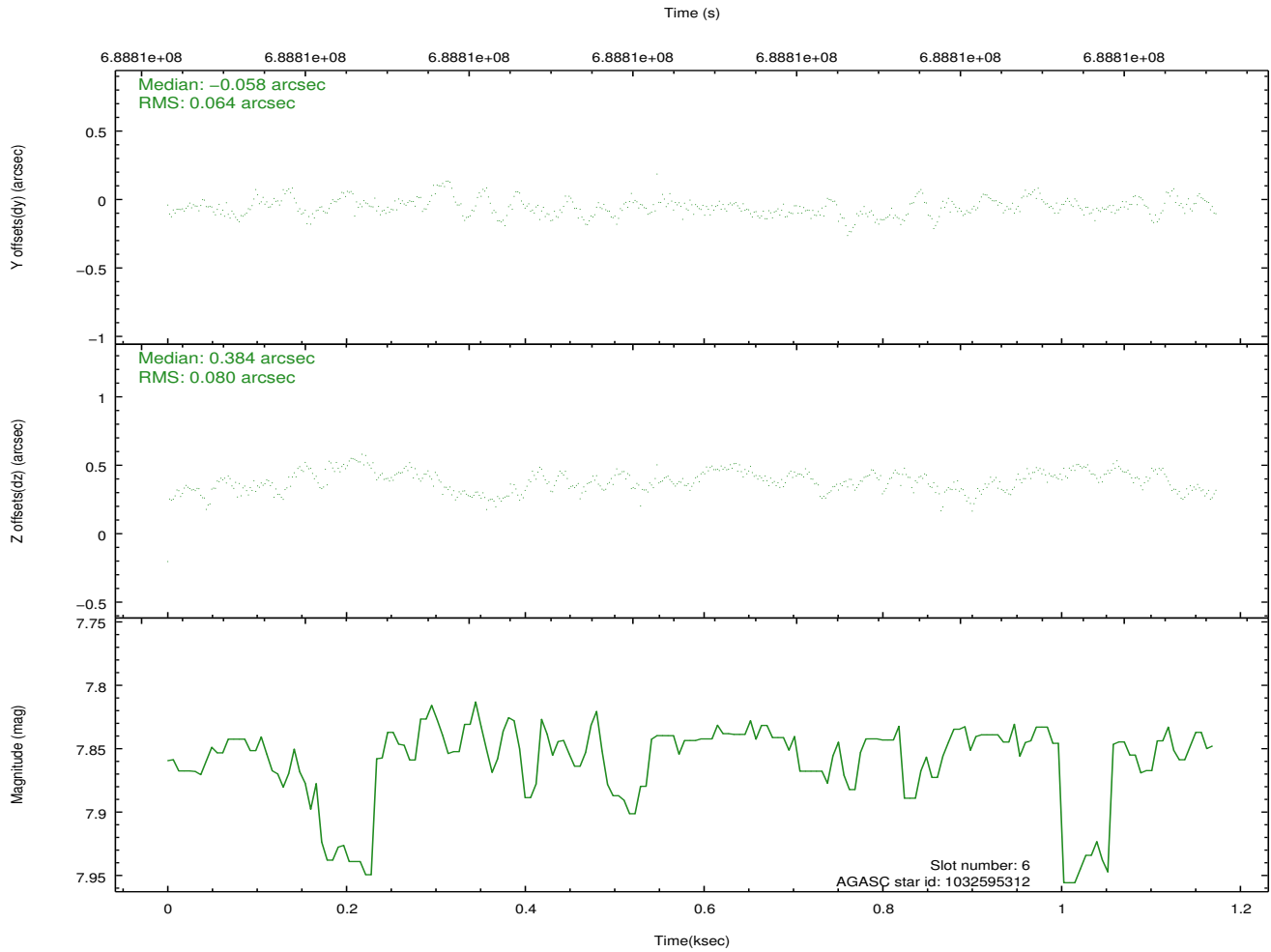
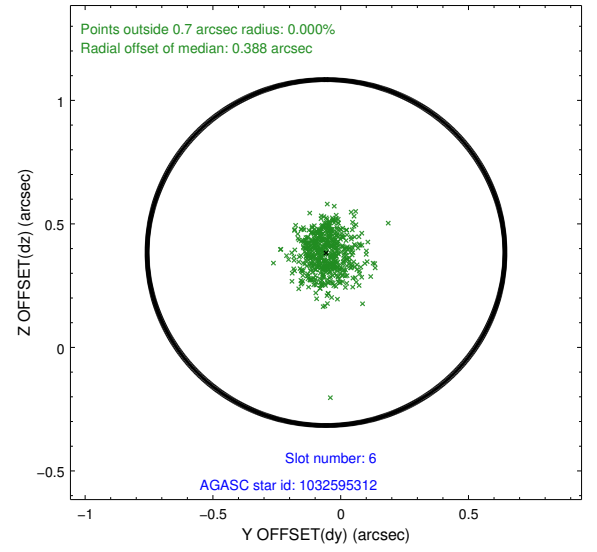
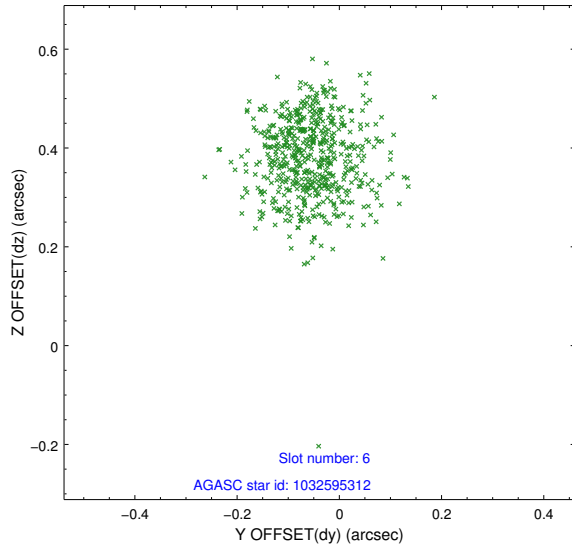
2.4.2 Slot 4



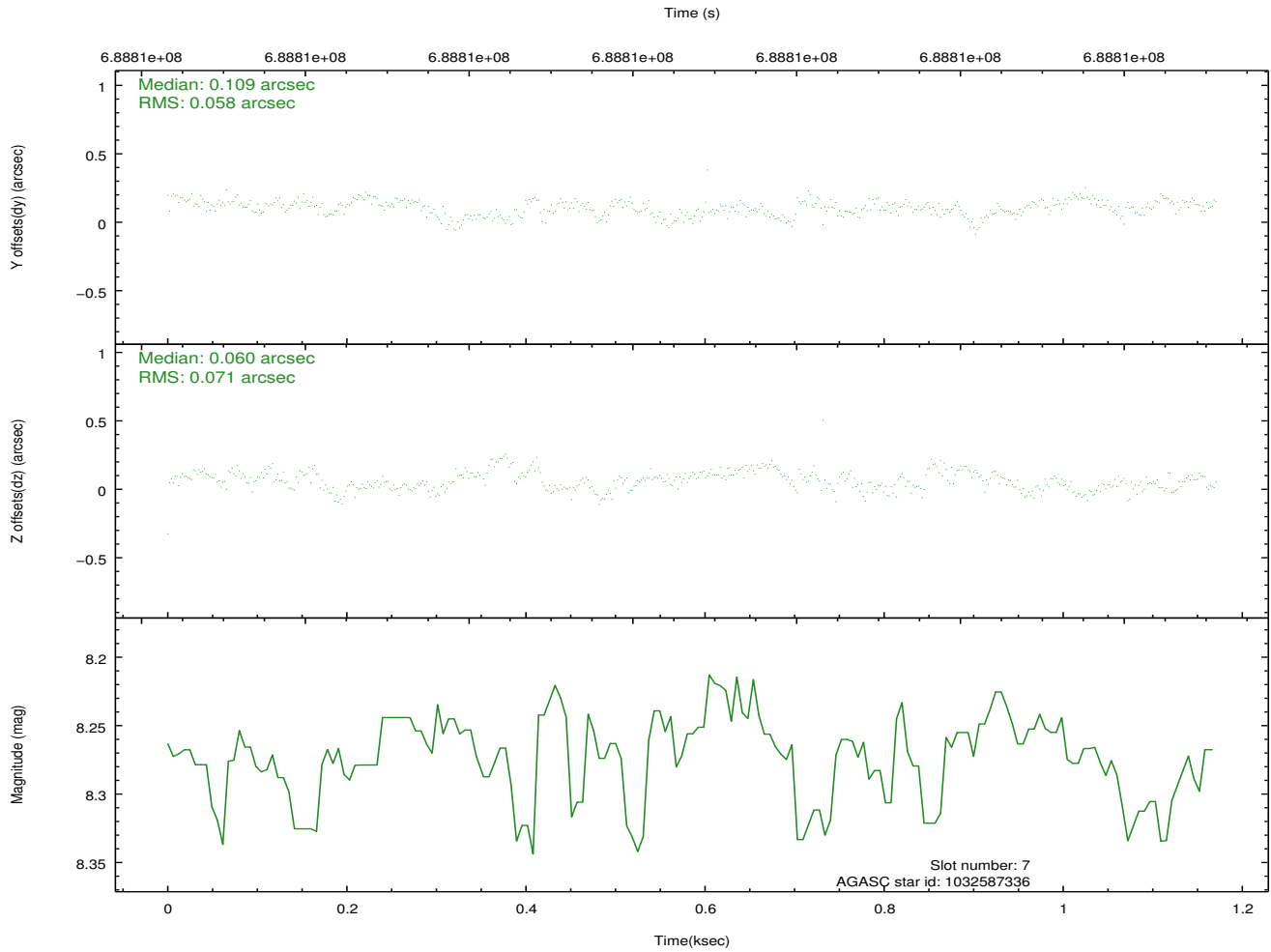
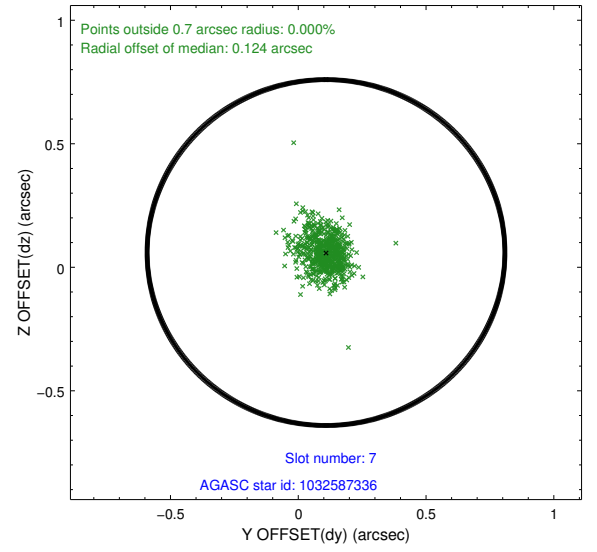
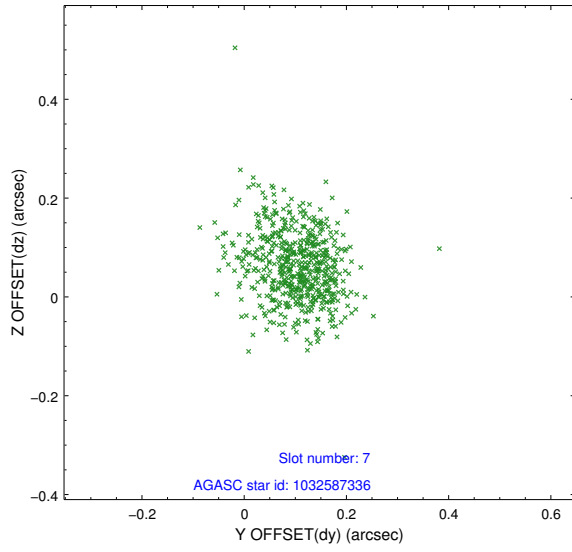
2.4.3 Slot 5



2.4.4 Slot 6

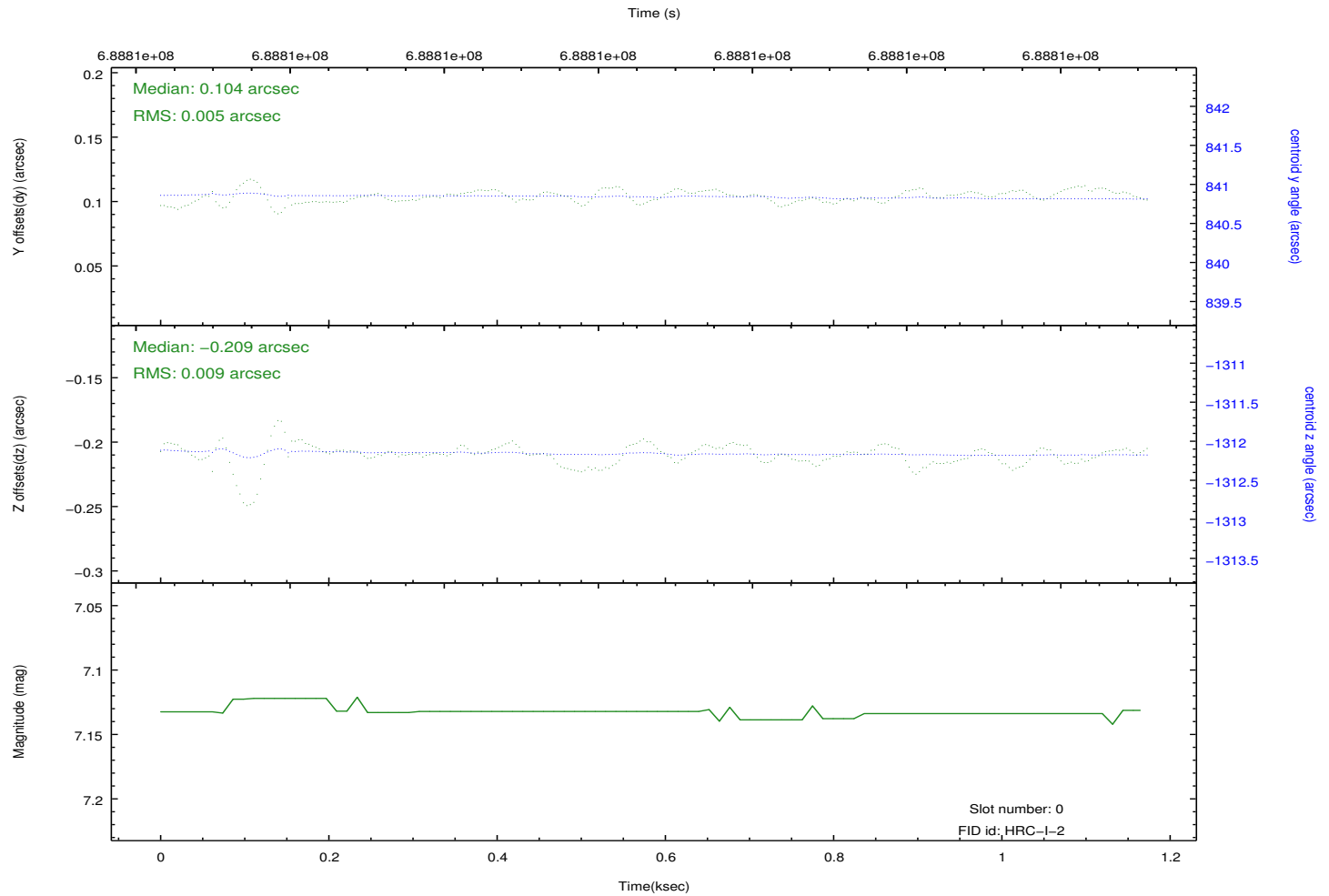
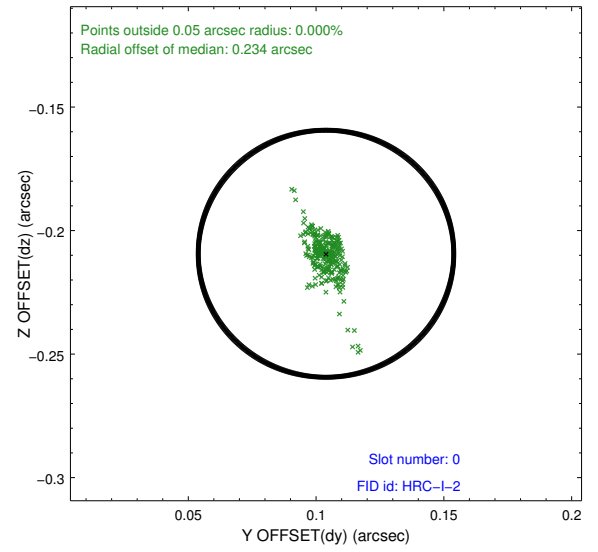
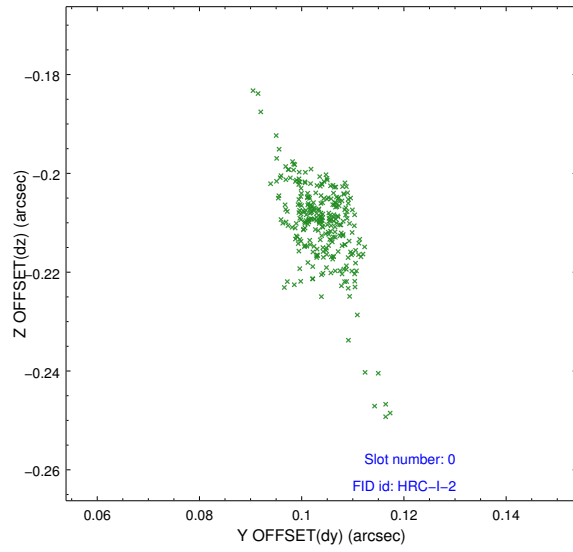


2.4.5 Slot 7

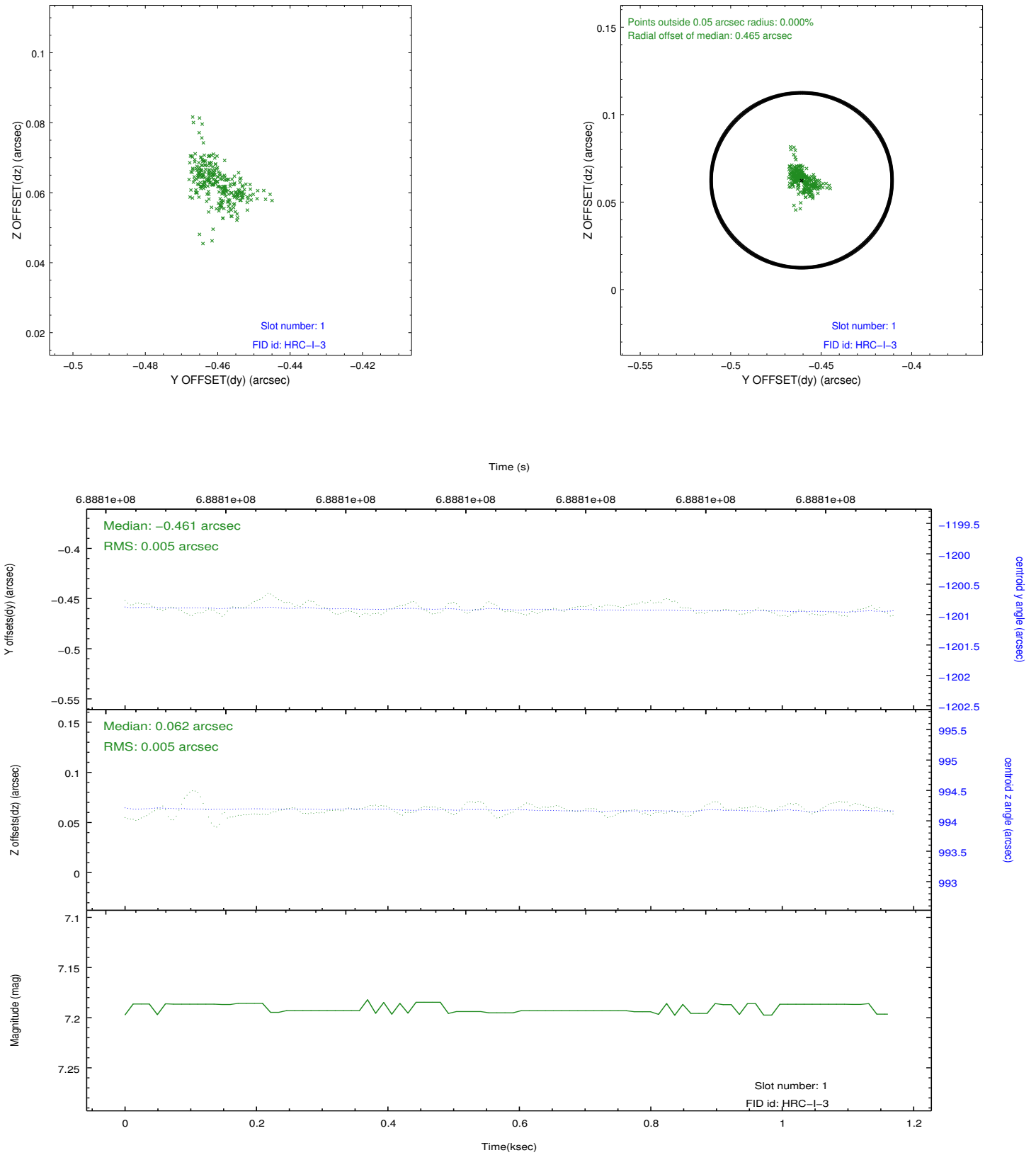


2.5 FID Slots

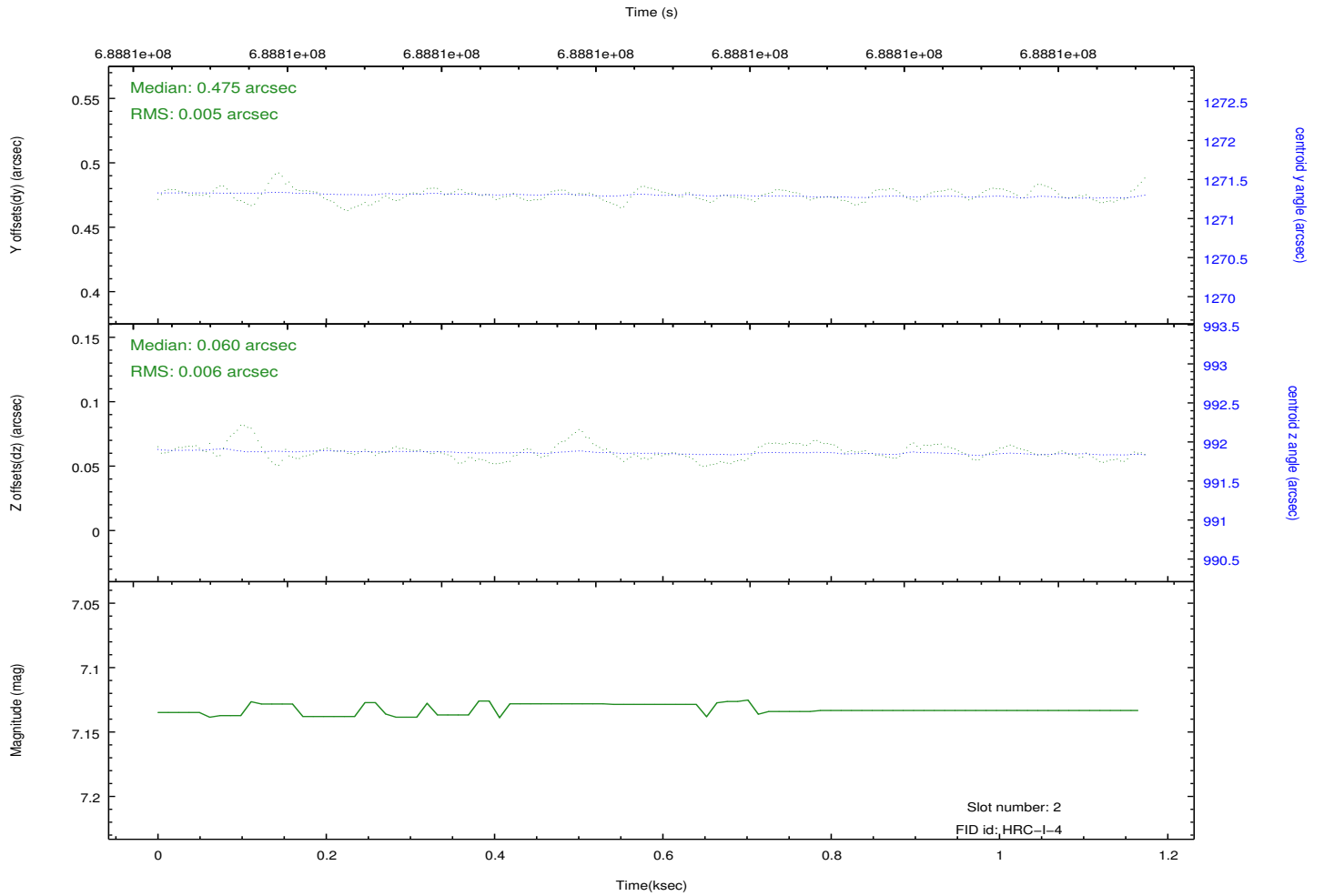
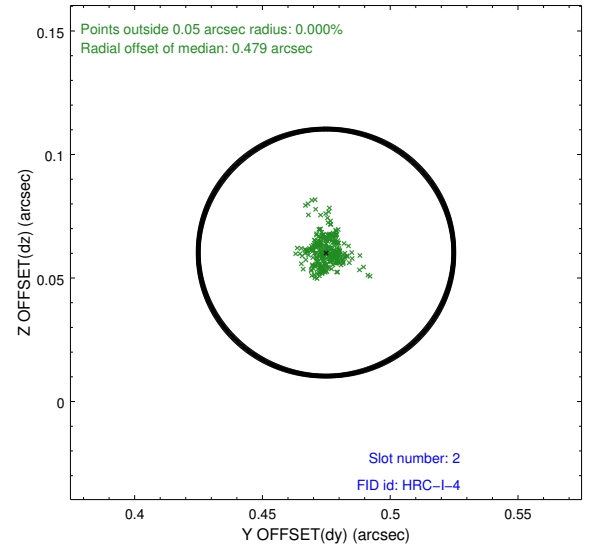
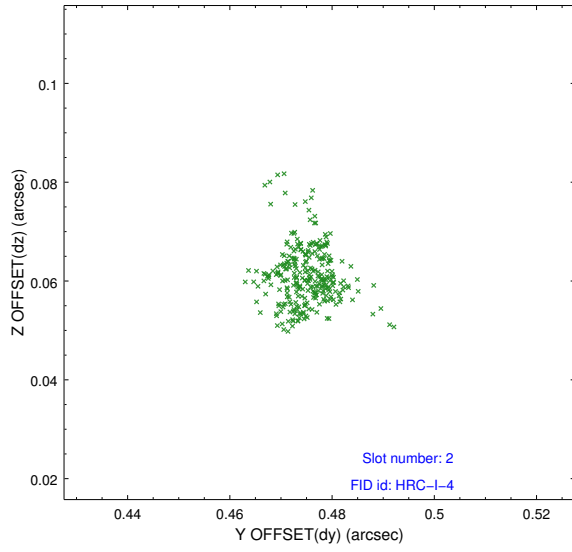
2.5.1 Slot 0



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)	2019.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1705500706434

A.2 Comments