

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12506 - L2 Version 3
Chandra X-Ray Center

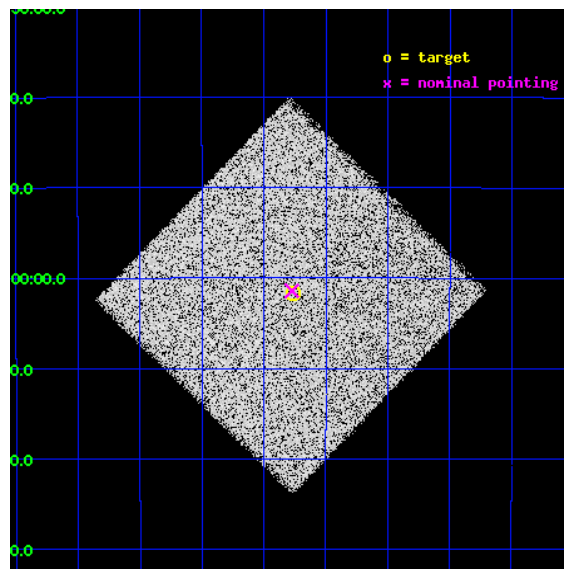
L2 Processing Date : Jul 27 2012

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1 Front

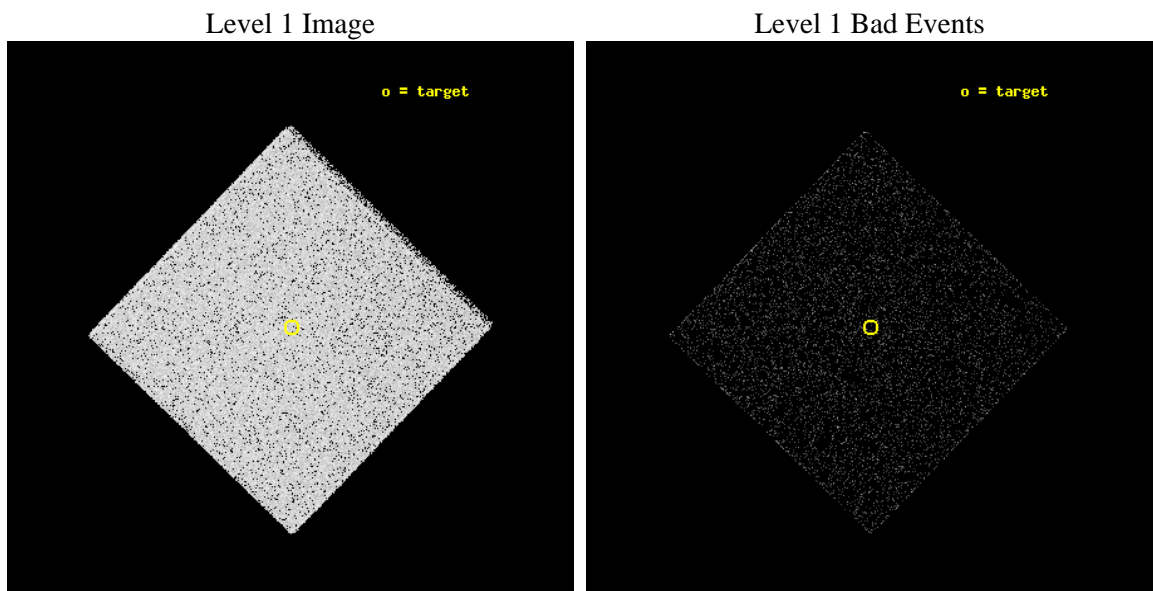
seq_num	401247	Sequence number
obs_id	12506	Observation id
title	Refining the positions of soft gamma-ray sources with Chandra	Prop
observer	Dr. Arash Bodaghee	Principal investigator
object	IGR J17597-2201	Source name
ra_targ	269.940417	Observer's specified target RA [deg]
dec_targ	-22.0275	Observer's specified target Dec [deg]
ra_nom	269.94337758654	Nominal RA [deg]
dec_nom	-22.023726153656	Nominal Dec [deg]
roll_nom	89.071506268875	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1120.581307888	[s]
livetime	1109.1243264014	Ontime multiplied by DTCOR
l2events	77809	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	8.4.5	Processing system revision	ontime	1120.581307888	[s]
caldbver	4.5.1	 	l1events	248144	Number of level 1 events
date	2012-07-27T20:13:43	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

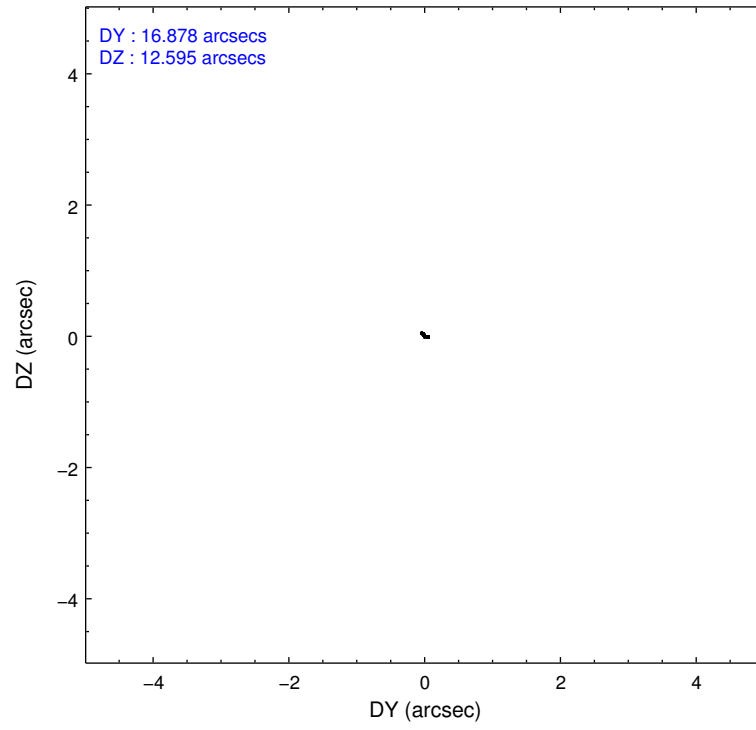
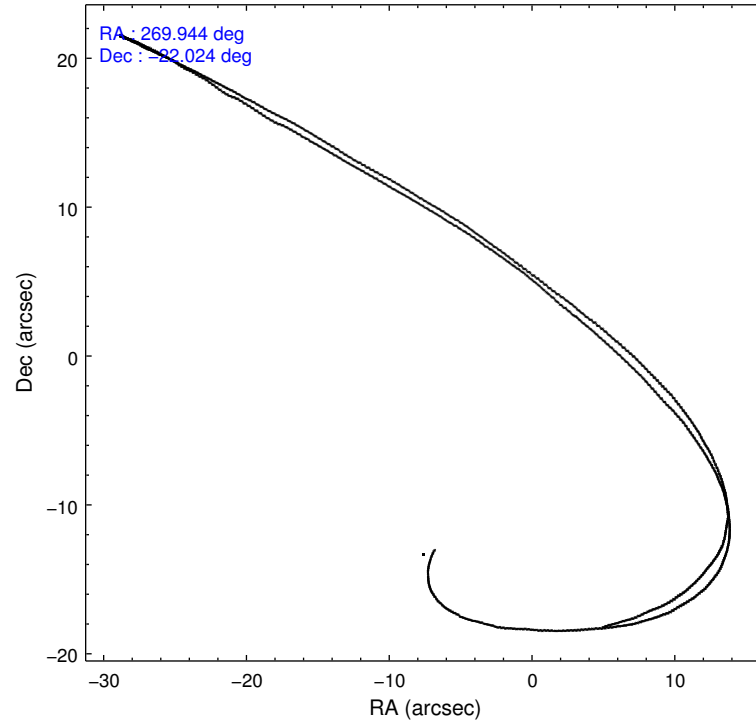
	segment 0
level 1 events	248144
rejected events	138165
rejected %	55%

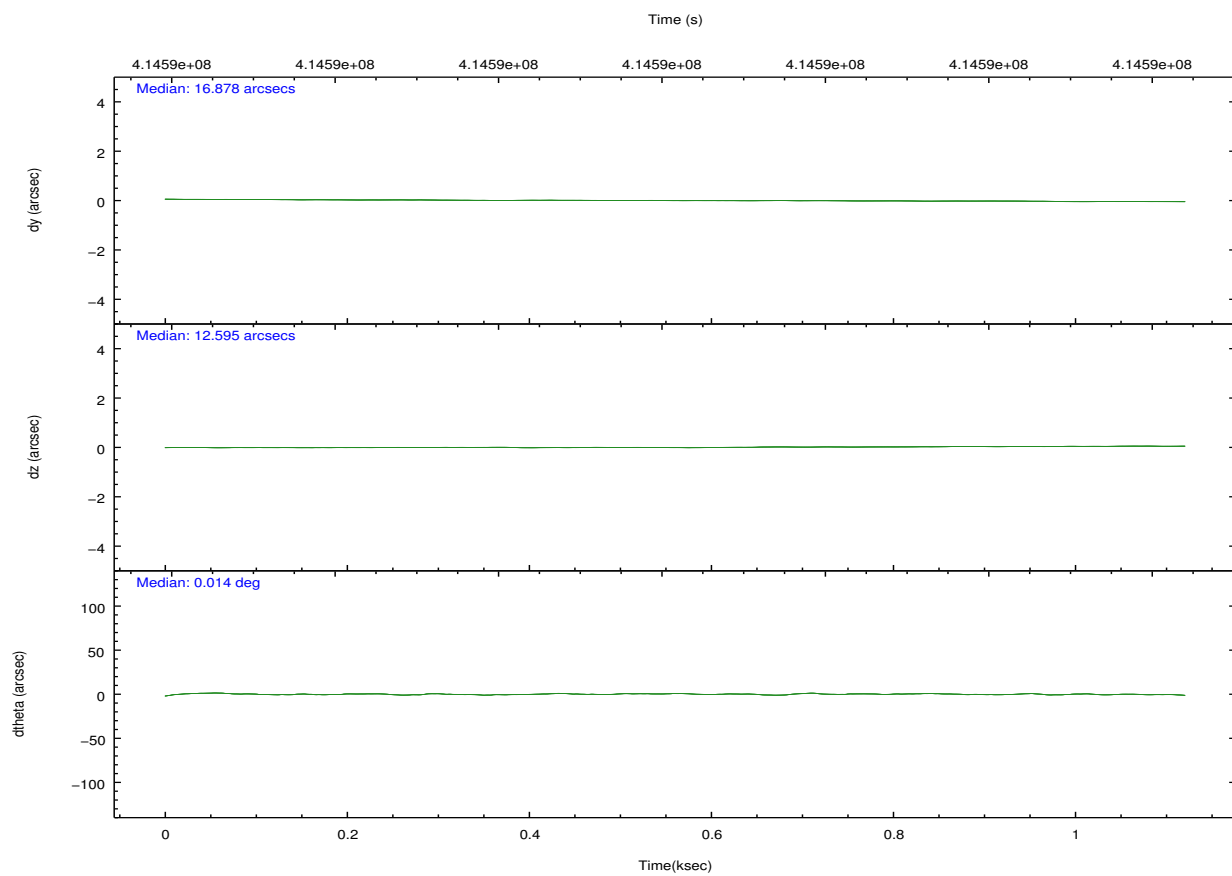
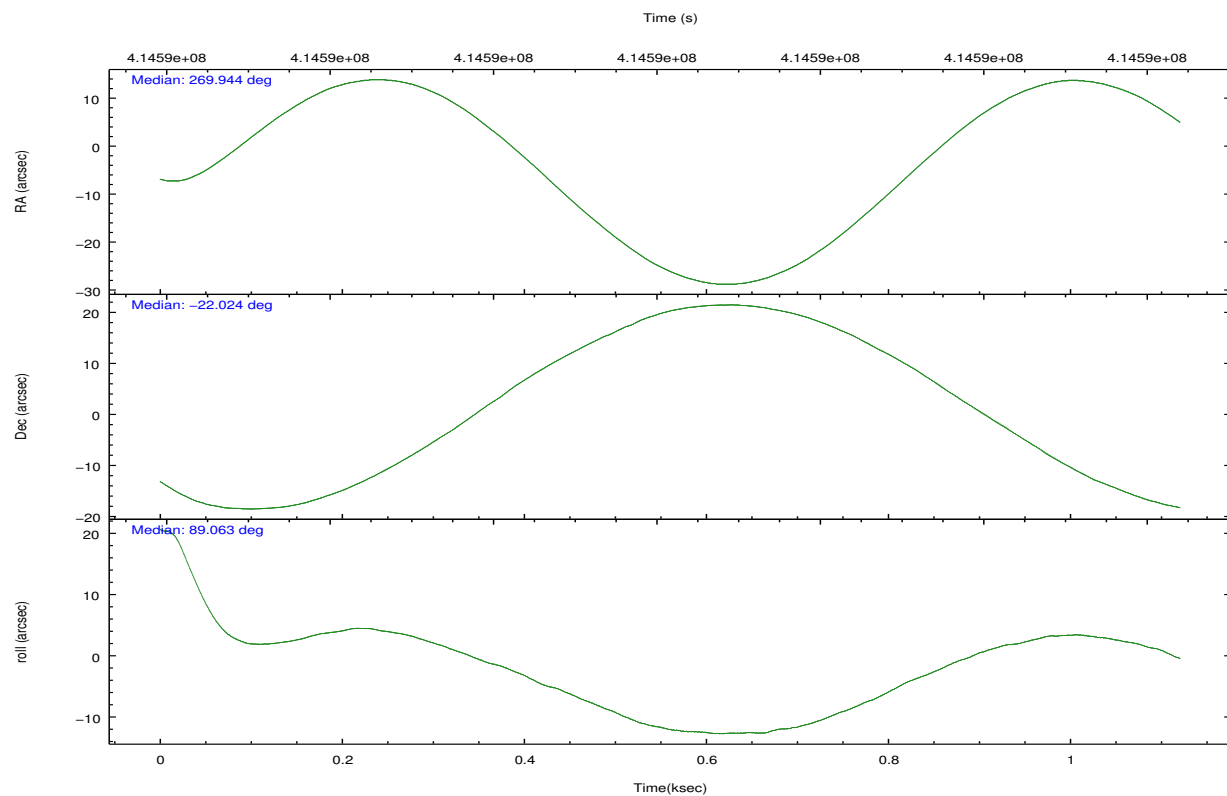
2.2 Compared Parameters

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	269.957017	269.9433775865434
[deg] Pointing Dec	-22.047058	-22.02372615365615
[deg] Pointing Roll	89.171826	89.07150626887501
[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)	414589976.184000	414588780.76065
Observation start date	2011-02-20T11:51:50	2011-02-20T11:33:00
[s] Observation end time (MET)	414590976.184000	414591318.66078
Observation end date	2011-02-20T12:08:30	2011-02-20T12:15:18

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

2.3 Aspect



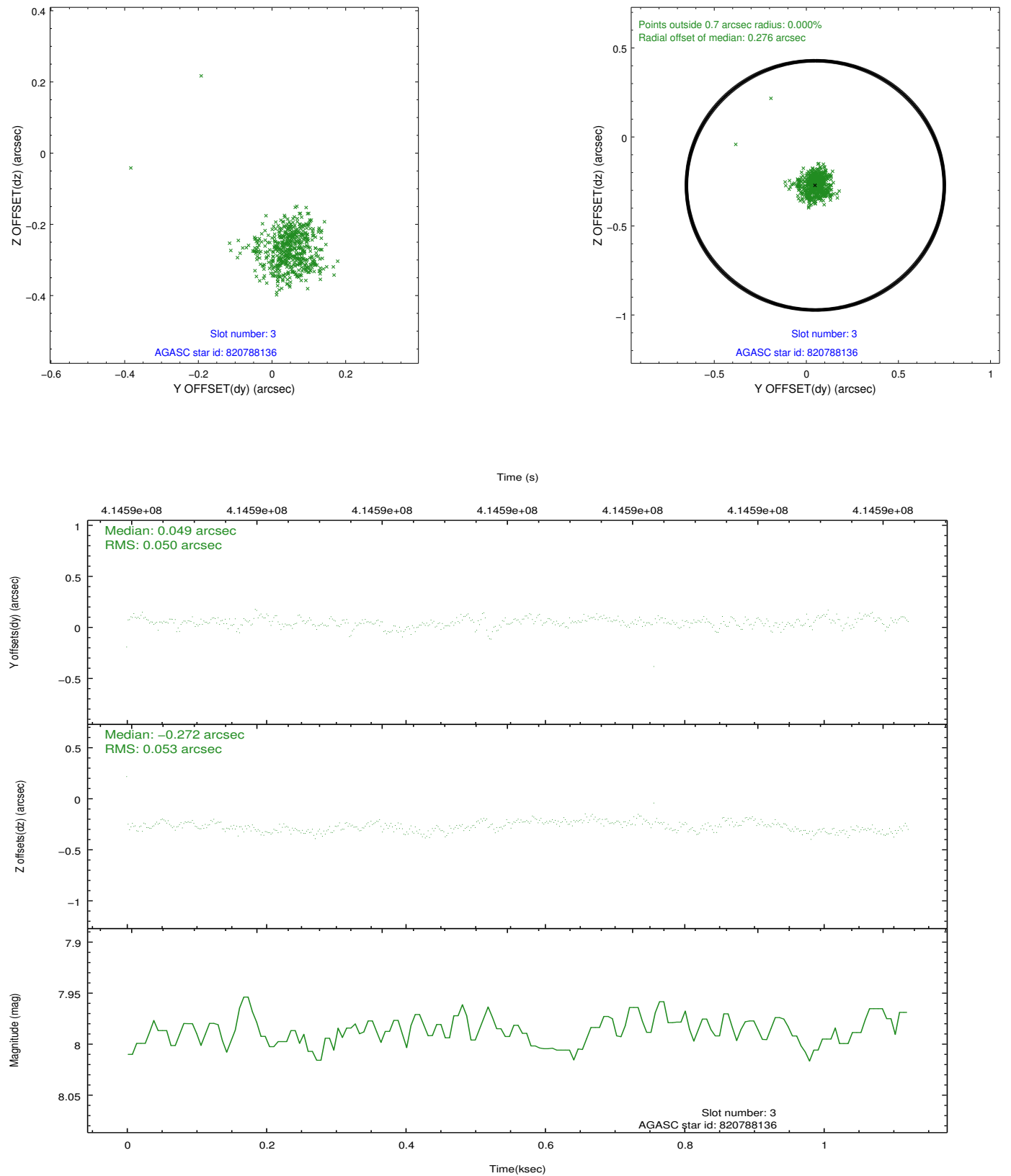


Slot Statistics

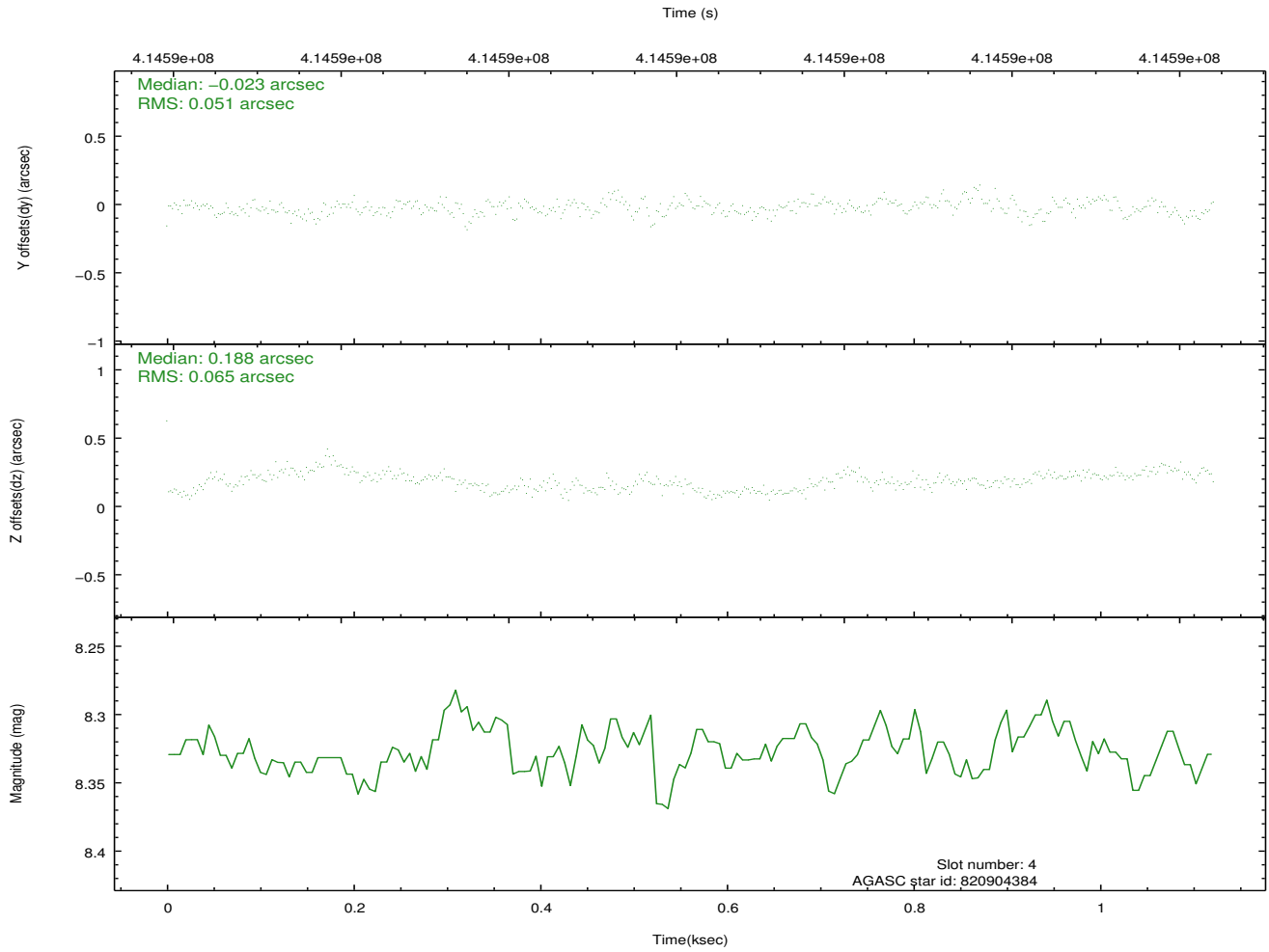
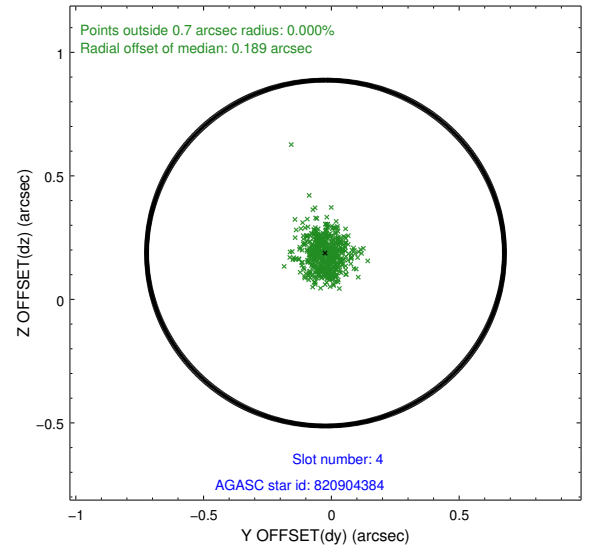
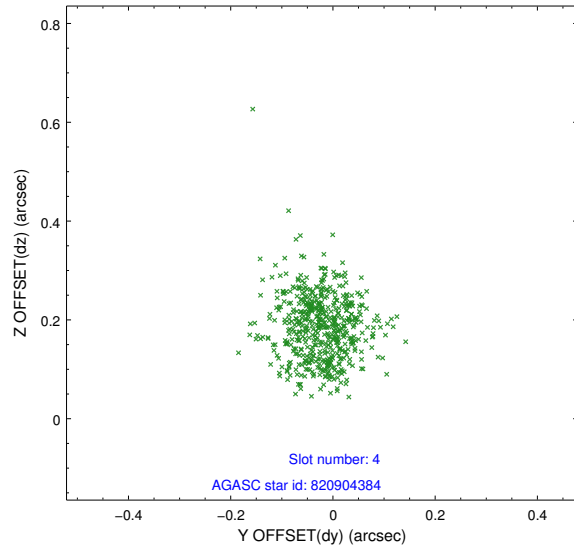
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	274	-0.115	-0.026	0.005	0.009	0.000000	0.000000	-772.98	-1300.57
1	FID	HRC-I-2	7.00	274	0.189	-0.086	0.007	0.010	0.000000	0.000000	837.13	-1307.10
2	FID	HRC-I-4	6.97	274	0.042	0.020	0.005	0.009	0.000000	0.000000	1273.25	996.68
3	GUIDE	820788136	7.99	548	0.049	-0.272	0.073	0.112	269.432922	-22.233732	-699.88	1740.45
4	GUIDE	820904384	8.33	548	-0.023	0.188	0.087	0.135	270.591600	-21.963127	327.94	-2106.46
5	GUIDE	820915424	8.93	548	-0.280	0.198	0.108	0.179	270.577591	-22.329480	-989.80	-2080.60
6	GUIDE	820924960	8.28	547	0.070	0.126	0.106	0.164	270.663174	-21.508592	1966.26	-2336.12
7	GUIDE	896673568	7.25	547	0.193	-0.224	0.114	0.164	269.738578	-22.517547	-1700.41	701.42

2.4 Star Slots

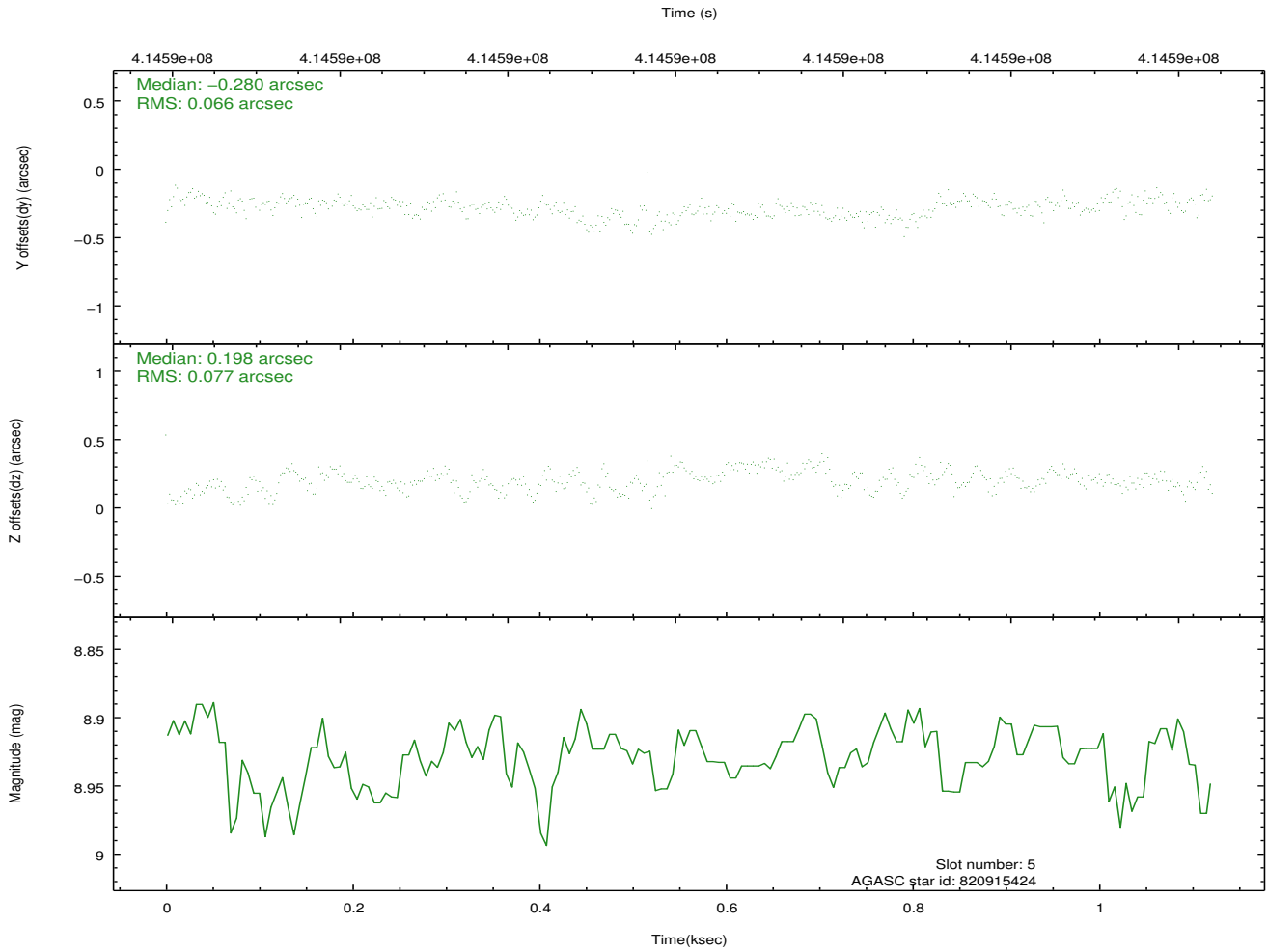
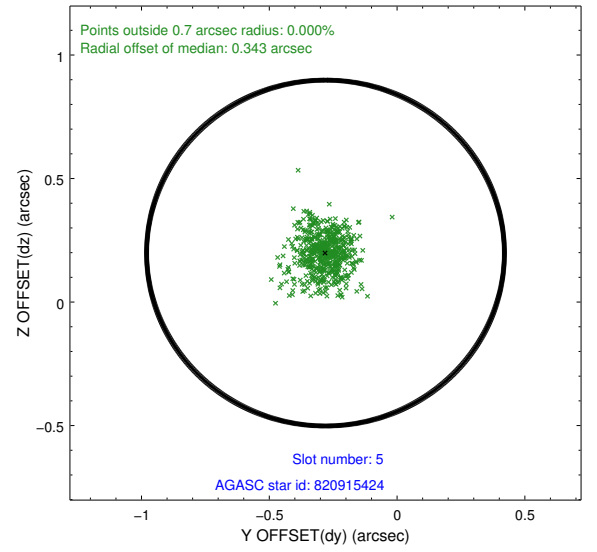
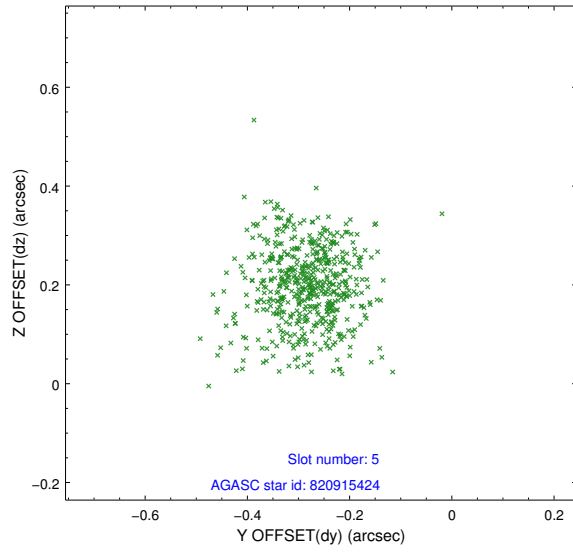
2.4.1 Slot 3



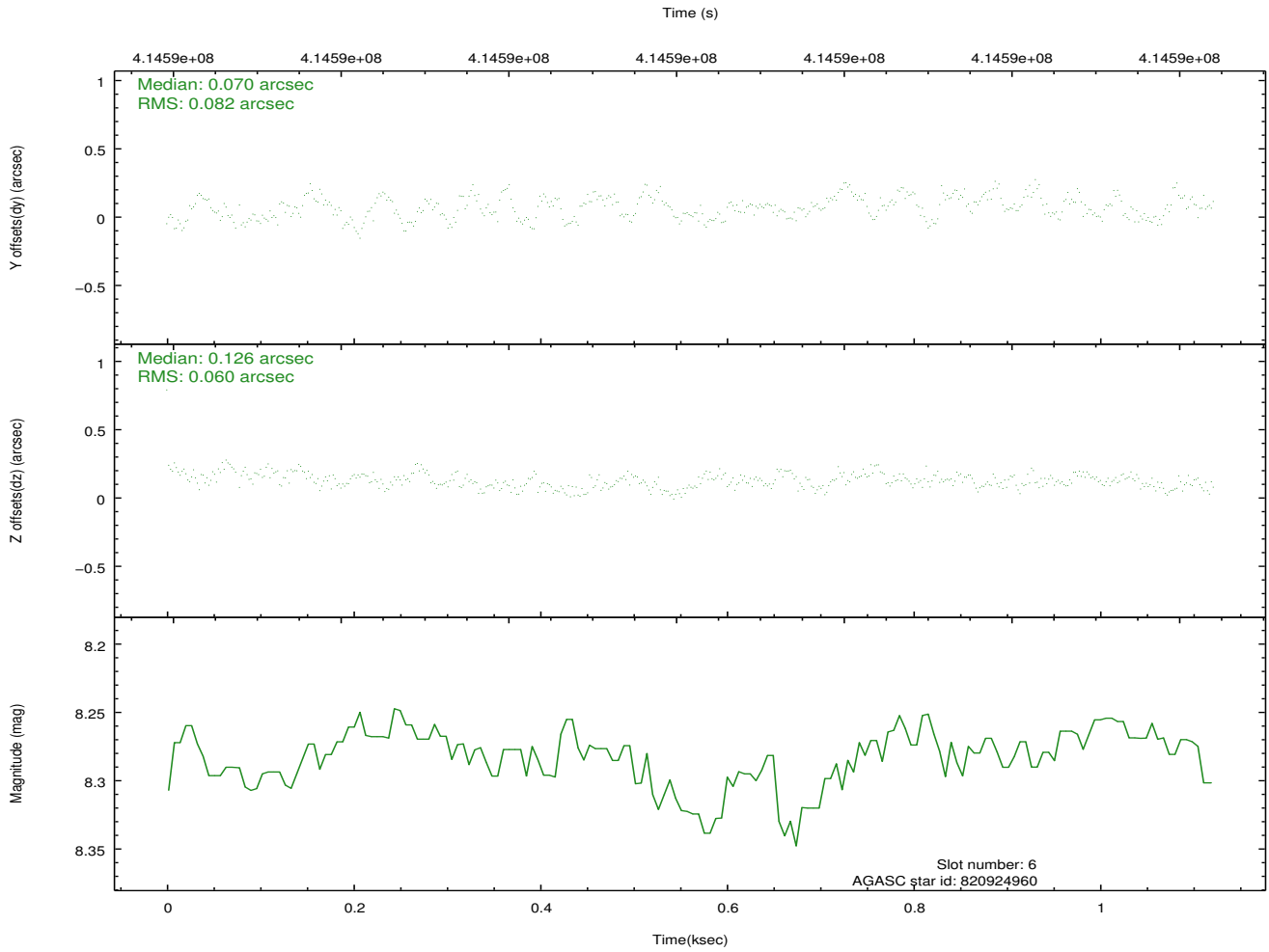
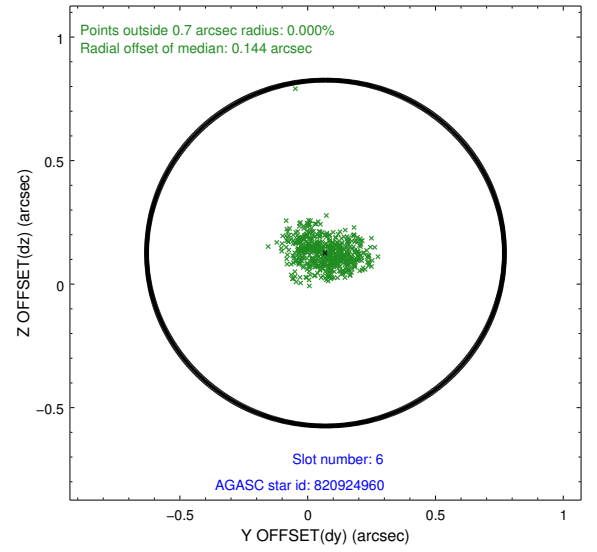
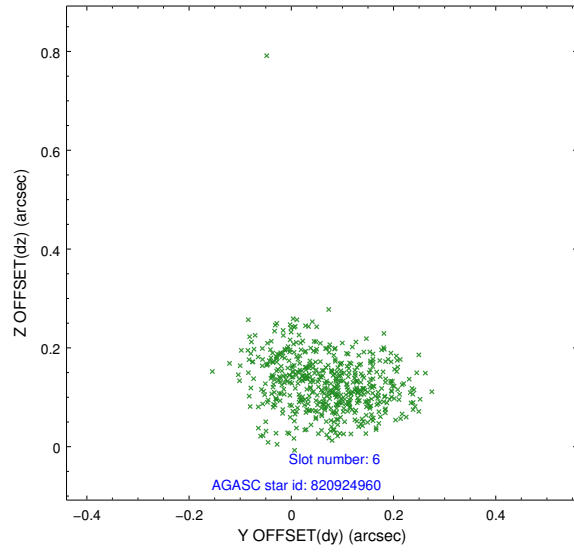
2.4.2 Slot 4



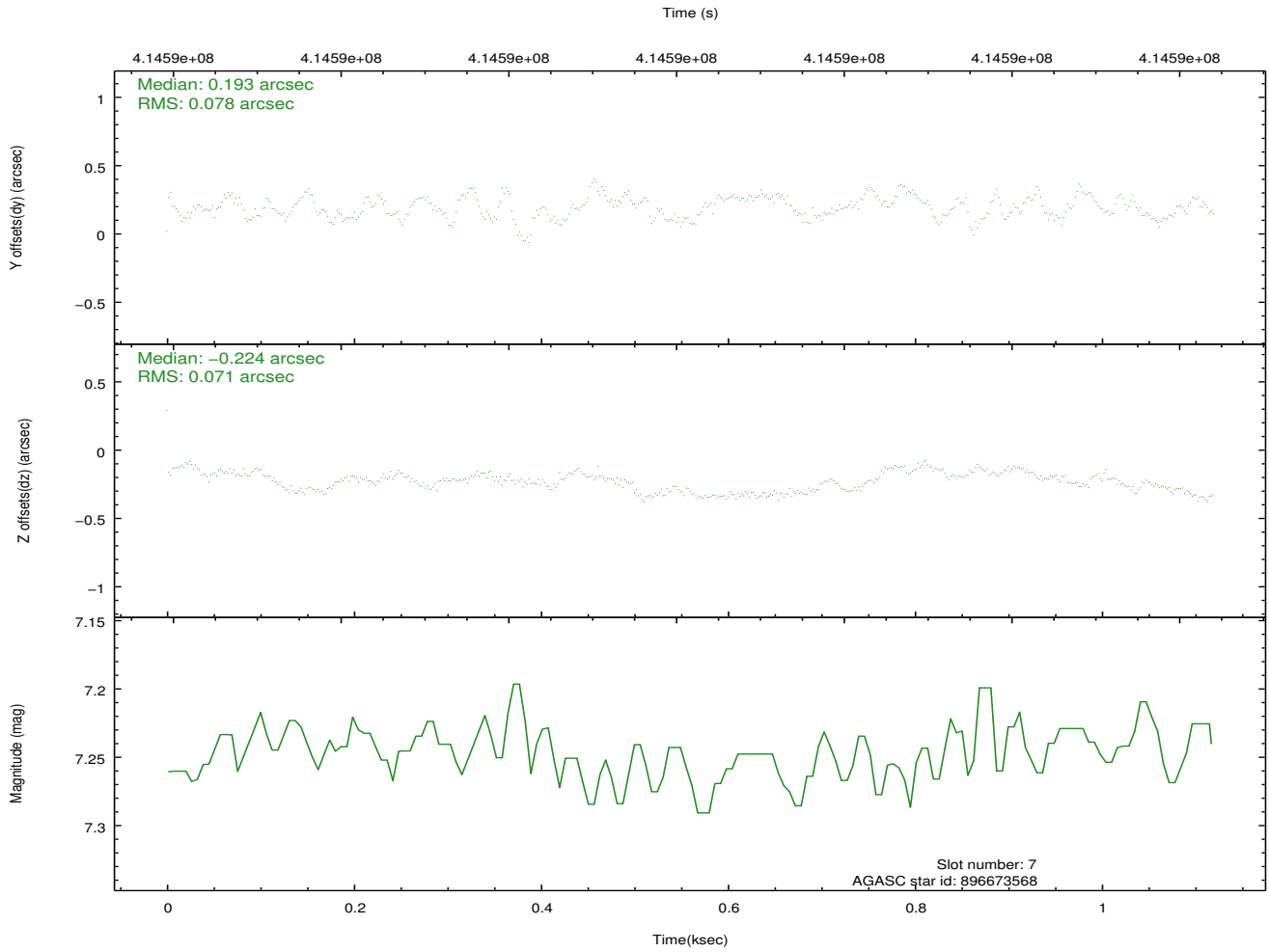
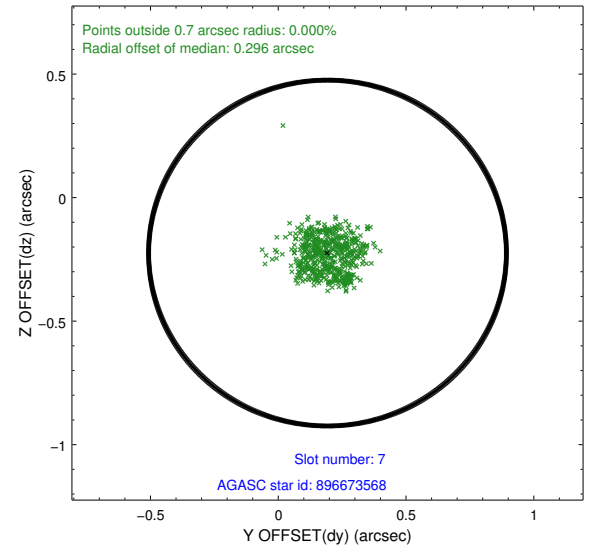
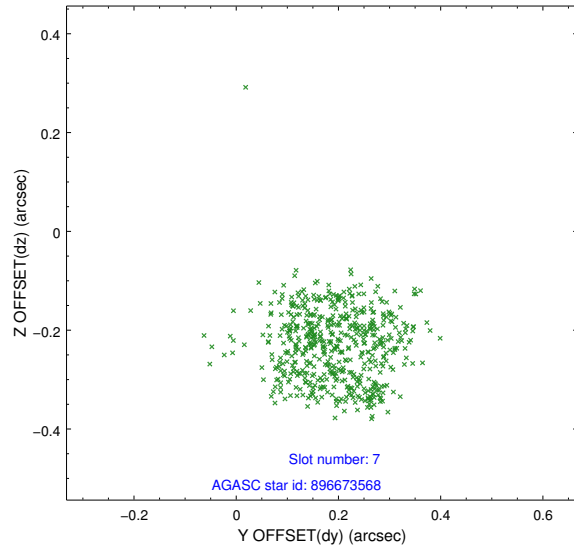
2.4.3 Slot 5



2.4.4 Slot 6

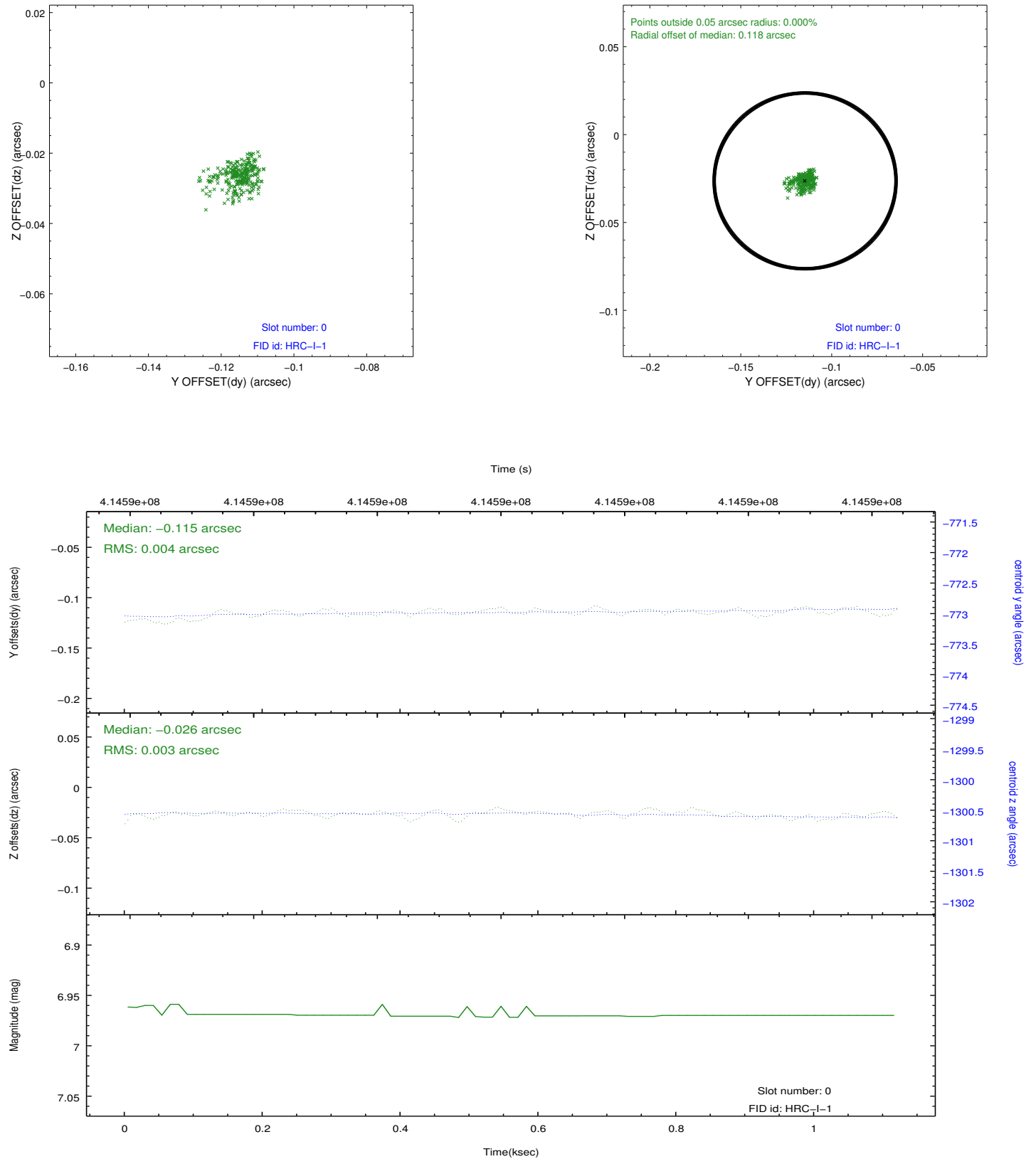


2.4.5 Slot 7

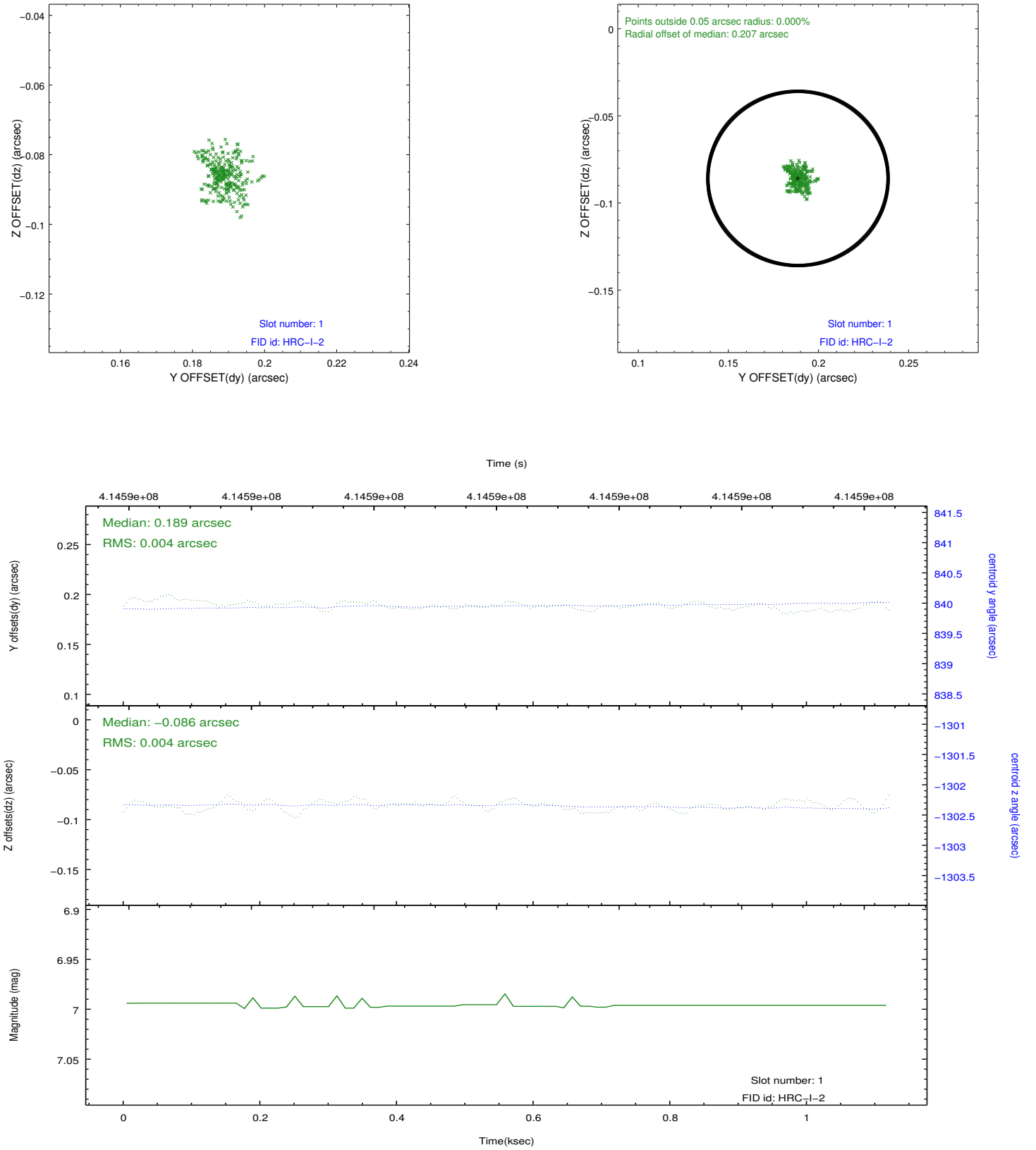


2.5 FID Slots

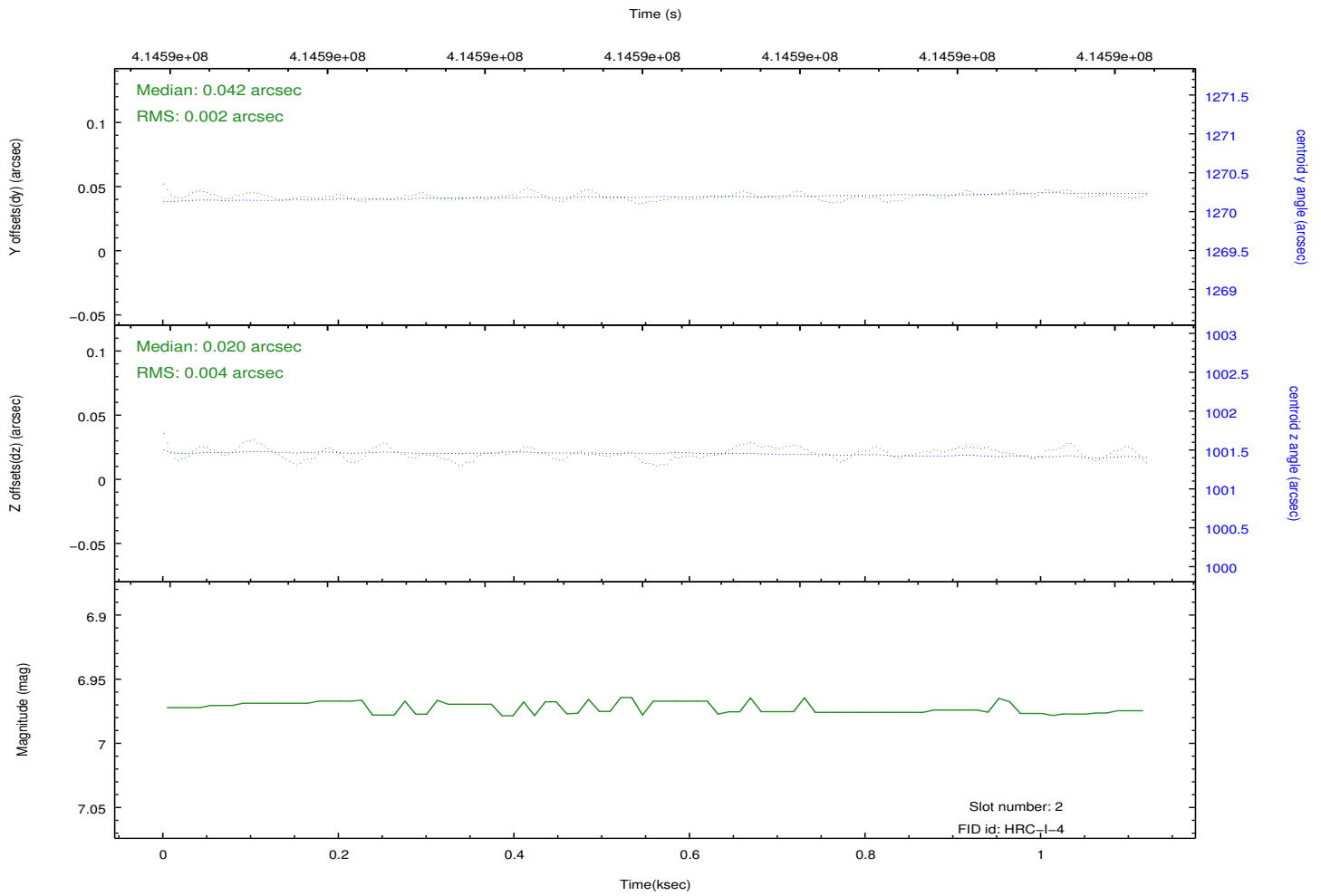
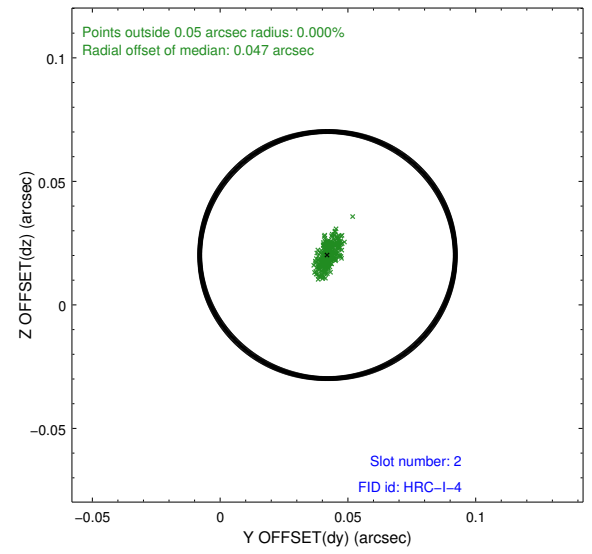
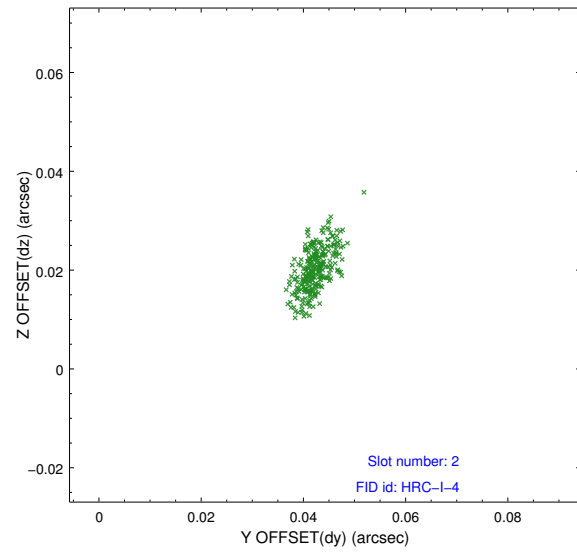
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1205813080072

A.2 Comments