

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12497 - L2 Version 3
Chandra X-Ray Center

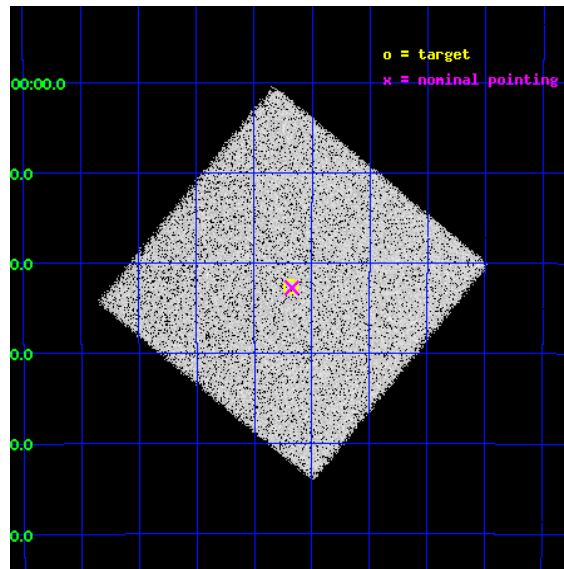
L2 Processing Date : Jul 28 2012

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1 Front

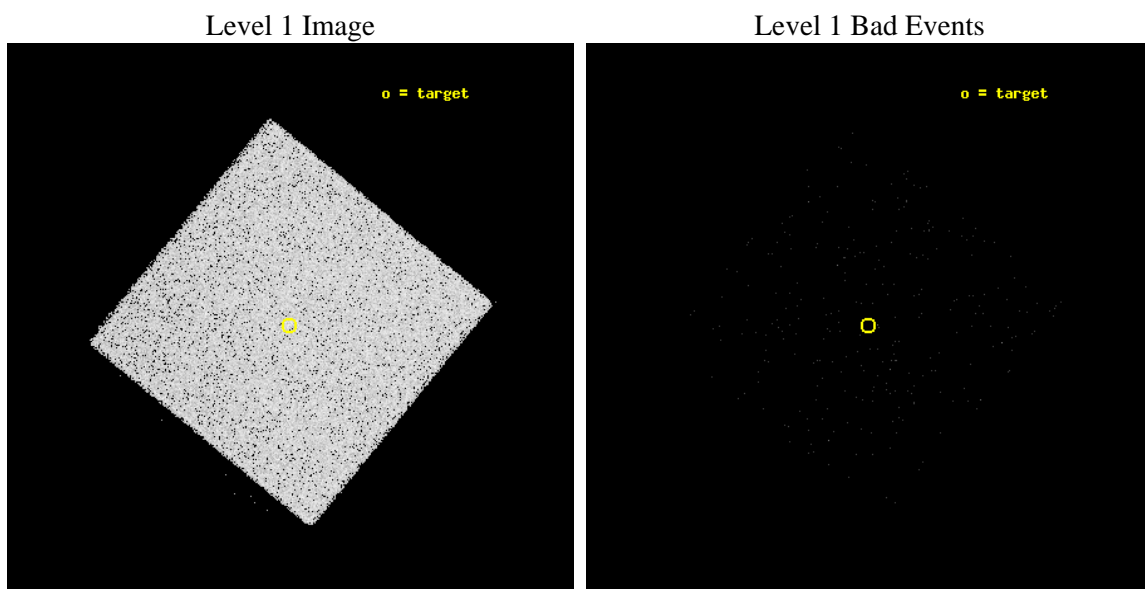
seq_num	401238	Sequence number
obs_id	12497	Observation id
title	PRECISE CHANDRA LOCALIZATION OF FAINT PERSISTENT X-RAY SOURCES NEAR THE GALACTIC PLANE	Proposal title
observer	Dr. Alexander Lutovinov	Principal investigator
object	IGR J17427-3018	Source name
ra_targ	265.67	Observer's specified target RA [deg]
dec_targ	-30.377	Observer's specified target Dec [deg]
ra_nom	265.66843400325	Nominal RA [deg]
dec_nom	-30.379430157067	Nominal Dec [deg]
roll_nom	264.40780505823	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1679.9750882983	[s]
livetime	1664.5386279394	Ontime multiplied by DTCOR
l2events	108454	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	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1679.9750882983	[s]
caldbver	4.5.1	 	l1events	165285	Number of level 1 events
date	2012-07-28T05:14:09	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

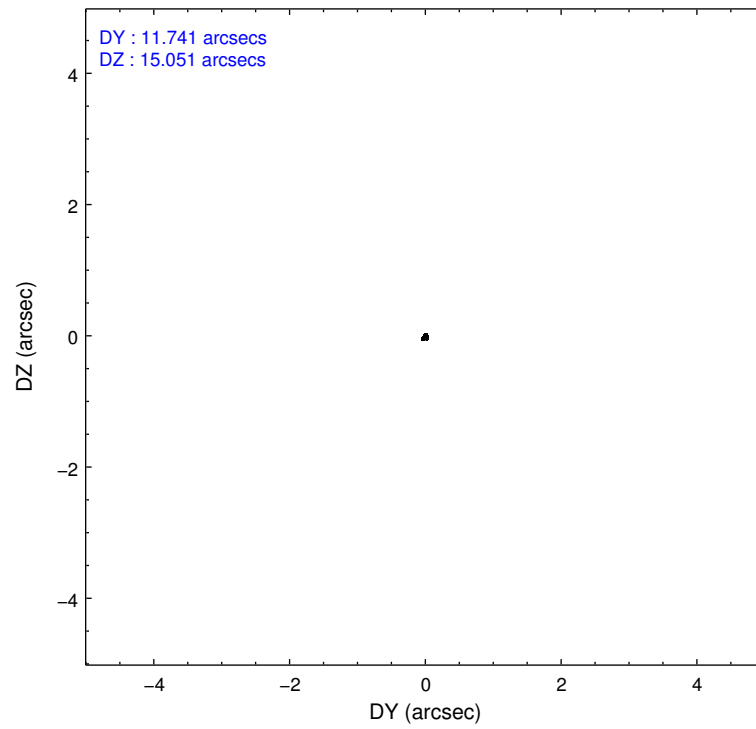
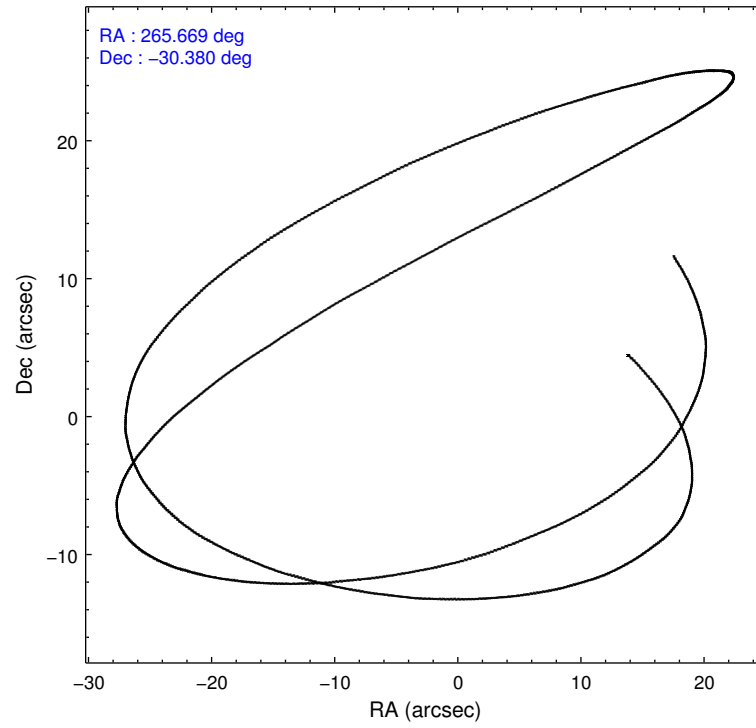
	segment 0
level 1 events	165285
rejected events	14137
rejected %	8%

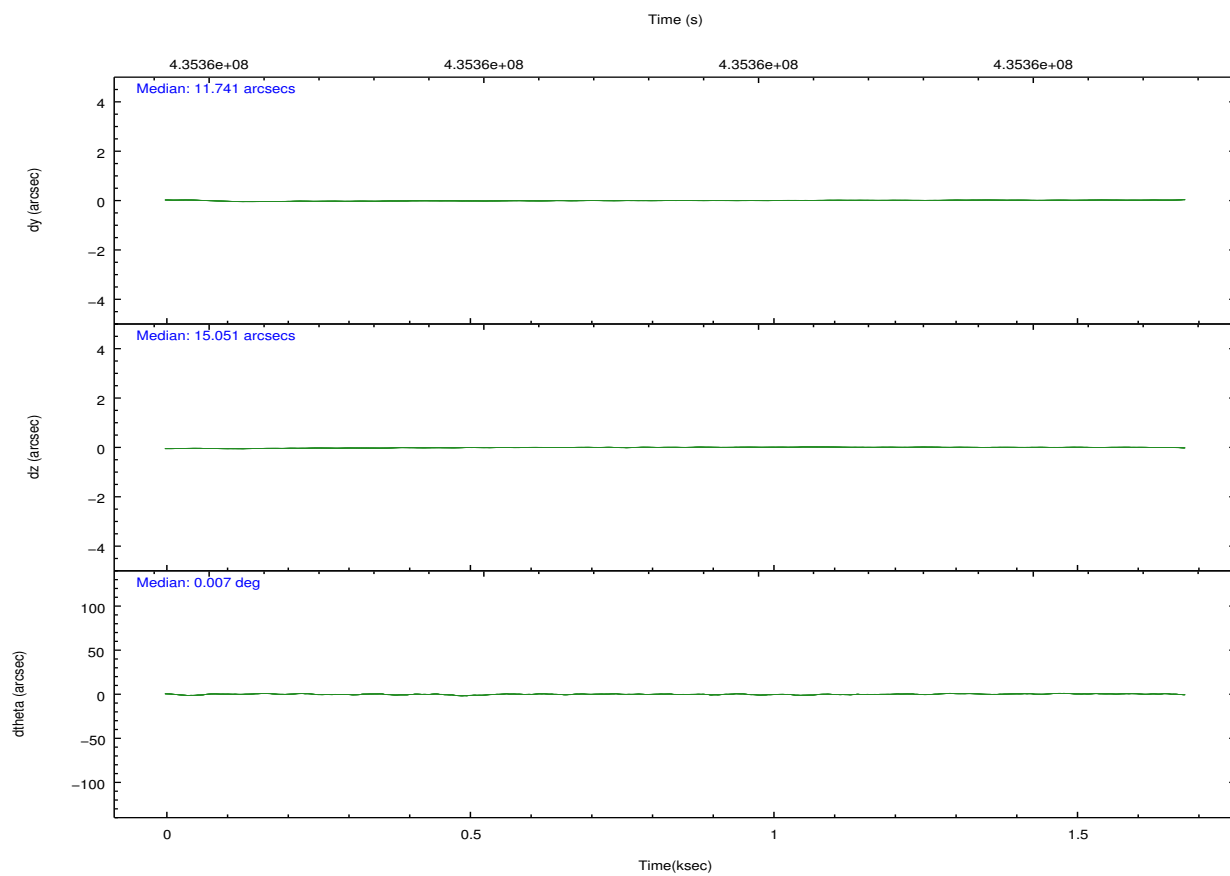
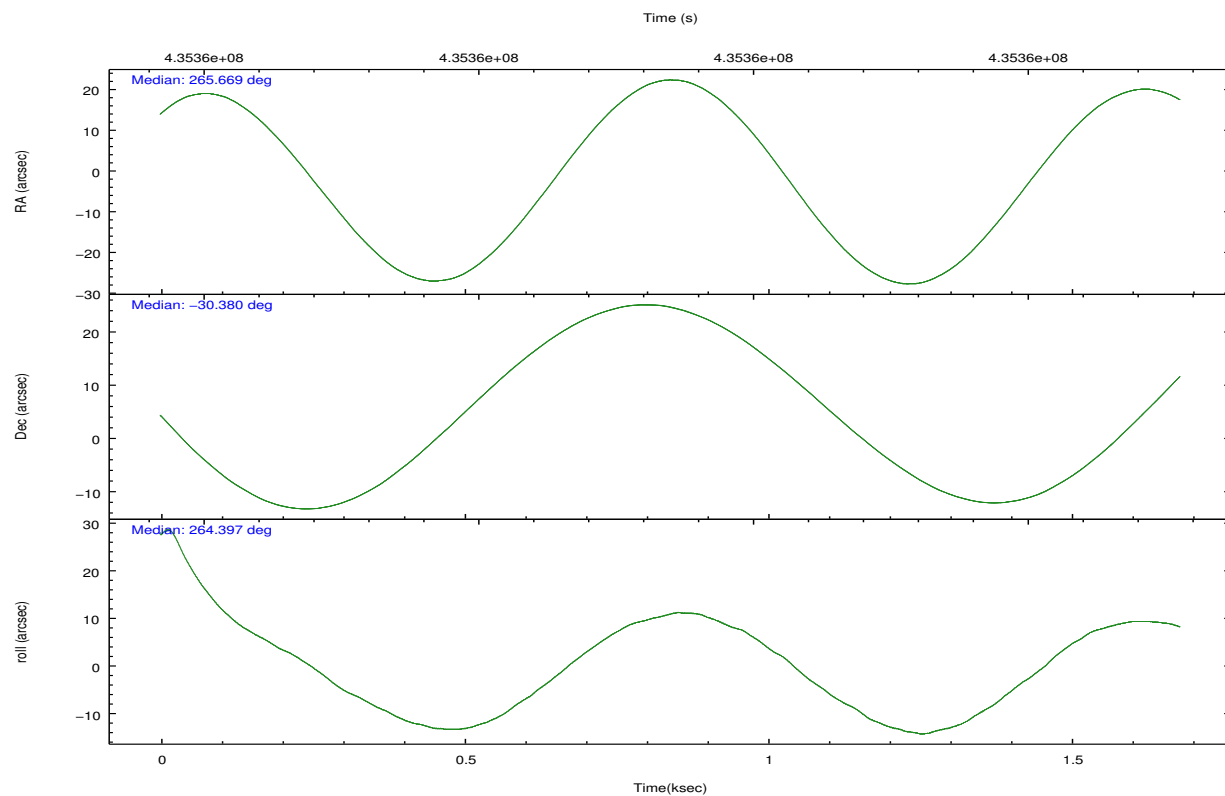
2.2 Compared Parameters

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	265.654347	265.6684340032475
[deg] Pointing Dec	-30.353760	-30.37943015706749
[deg] Pointing Roll	264.496159	264.4078050582298
[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)	435358192.184000	435357612.32098
Observation start date	2011-10-18T20:48:46	2011-10-18T20:40:12
[s] Observation end time (MET)	435359692.184000	435360517.68363
Observation end date	2011-10-18T21:13:46	2011-10-18T21:28:37

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

2.3 Aspect



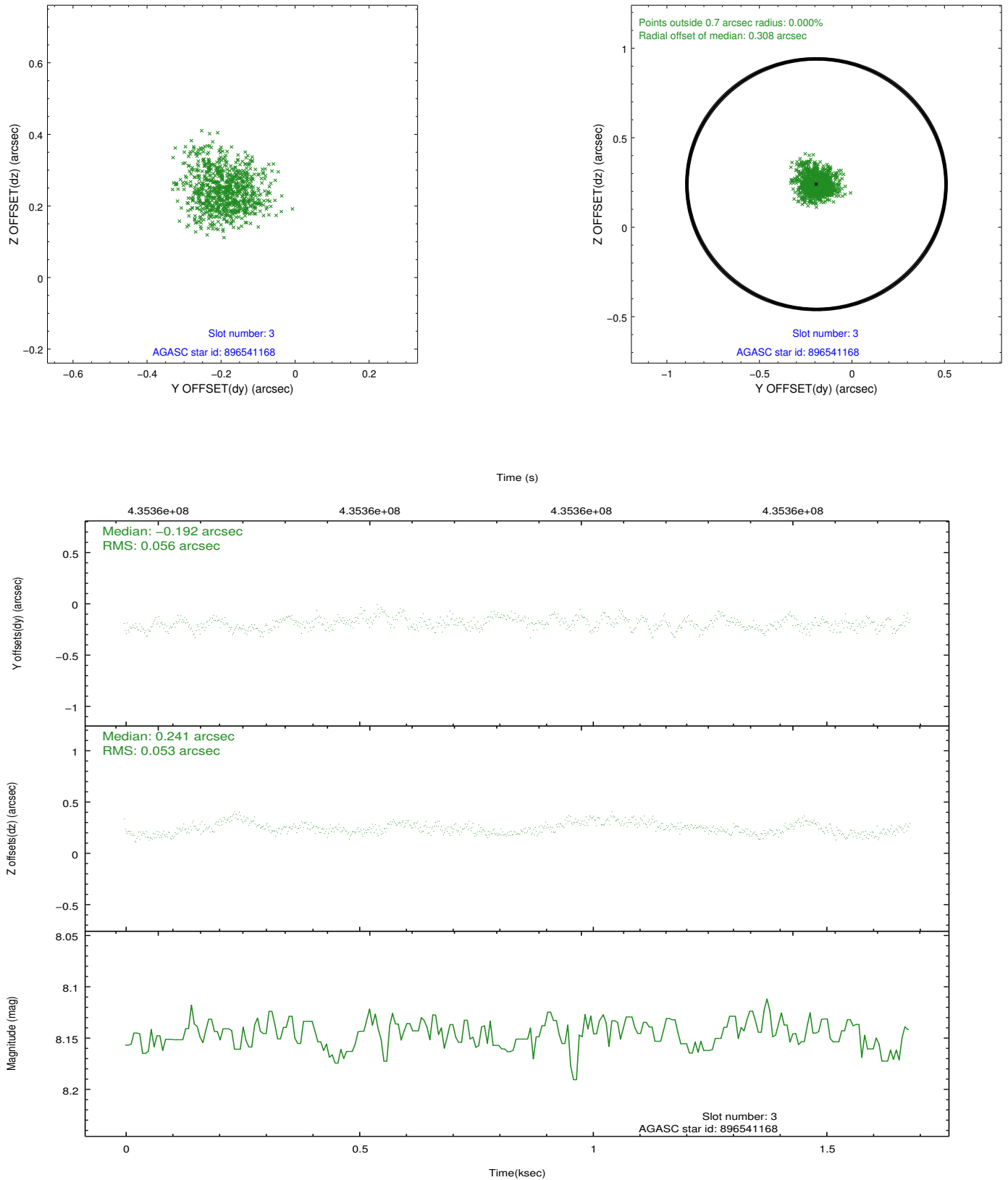


Slot Statistics

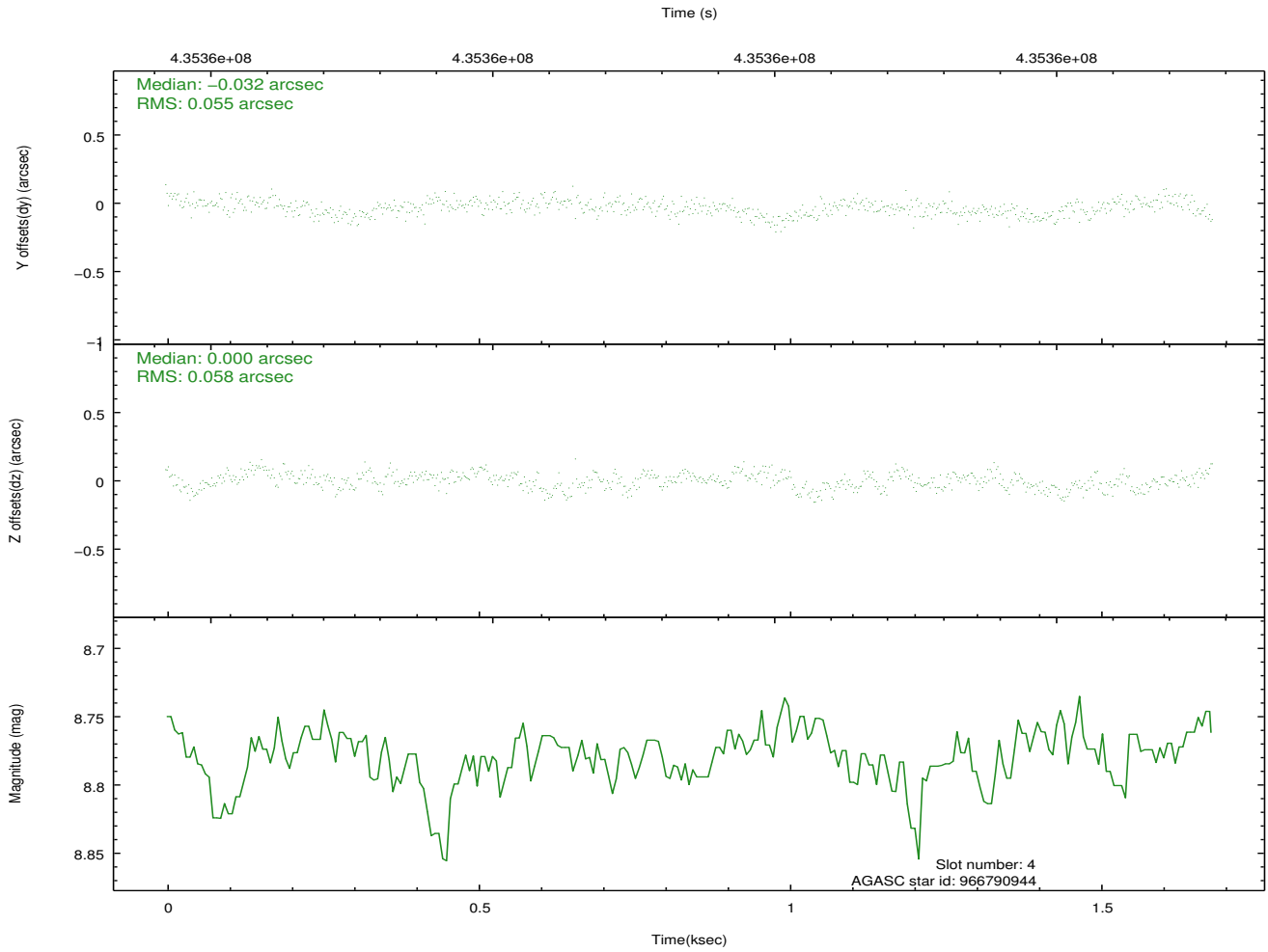
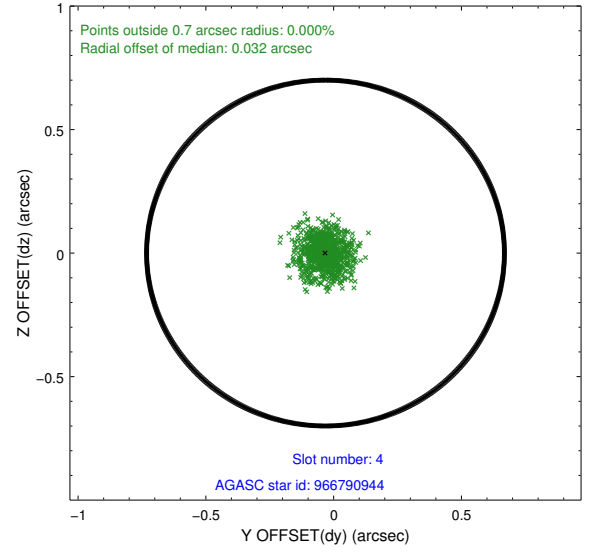
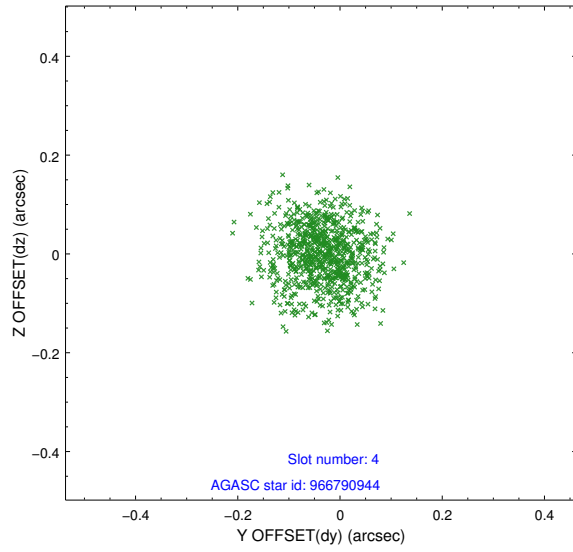
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.05	410	0.099	-0.106	0.006	0.011	0.000000	0.000000	845.31	-1304.78
1	FID	HRC-I-3	7.10	410	-0.171	0.040	0.006	0.012	0.000000	0.000000	-1194.06	998.28
2	FID	HRC-I-4	7.03	410	0.189	-0.020	0.005	0.009	0.000000	0.000000	1272.60	1001.48
3	GUIDE	896541168	8.15	820	-0.192	0.241	0.083	0.133	266.319970	-29.850801	-1999.69	1893.97
4	GUIDE	966790944	8.78	820	-0.032	0.000	0.086	0.134	265.185568	-30.443091	456.81	-1416.14
5	GUIDE	966918832	8.72	817	-0.130	0.118	0.084	0.151	266.278876	-30.183148	-796.06	1872.98
6	GUIDE	966919304	8.42	821	0.043	-0.198	0.076	0.122	265.660763	-30.717261	1296.08	146.17
7	GUIDE	966793072	9.12	820	0.313	-0.163	0.108	0.181	264.914127	-30.893007	2157.86	-2090.36

2.4 Star Slots

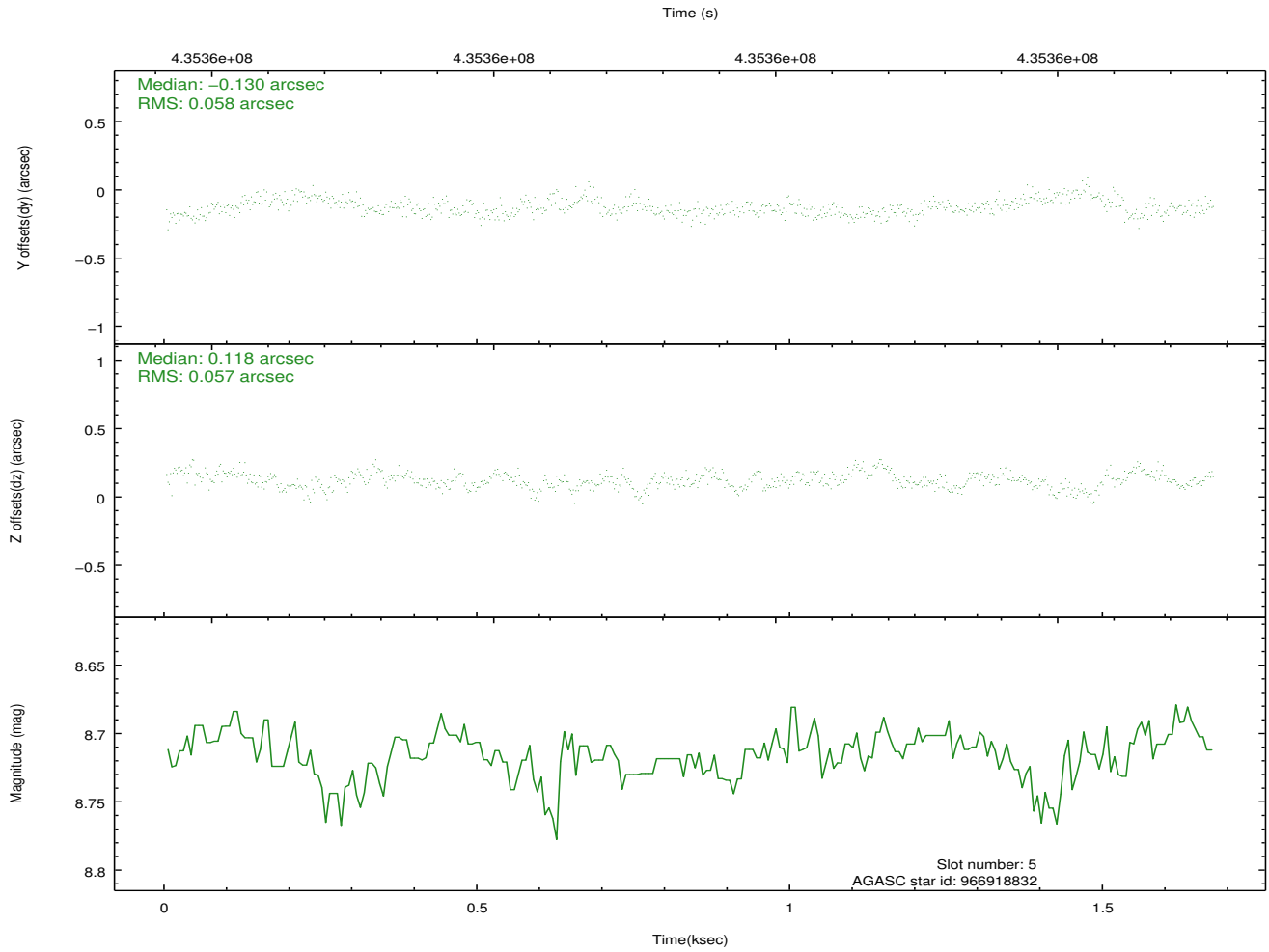
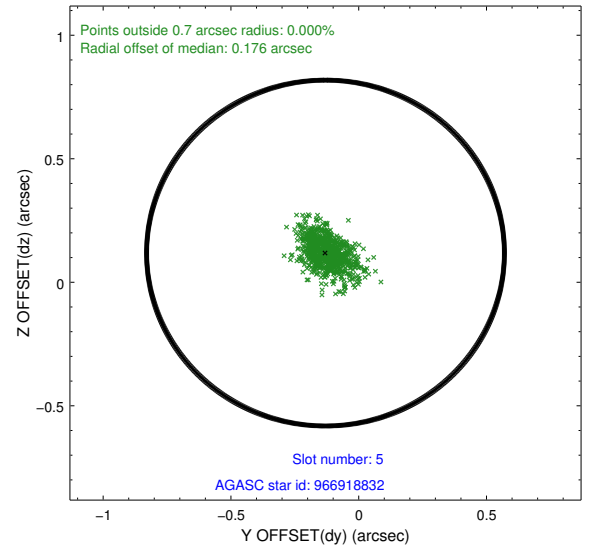
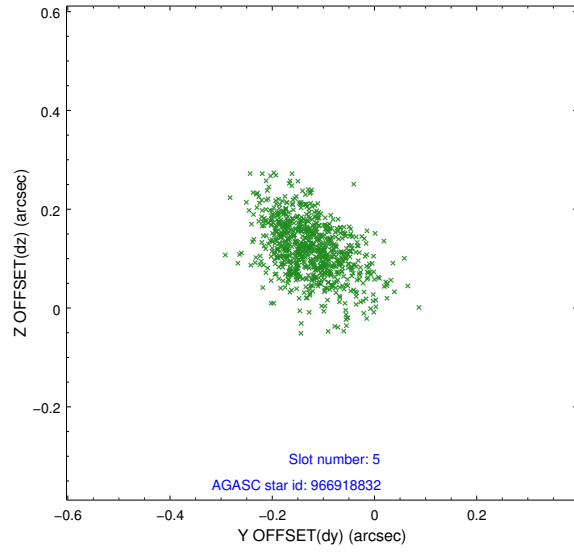
2.4.1 Slot 3



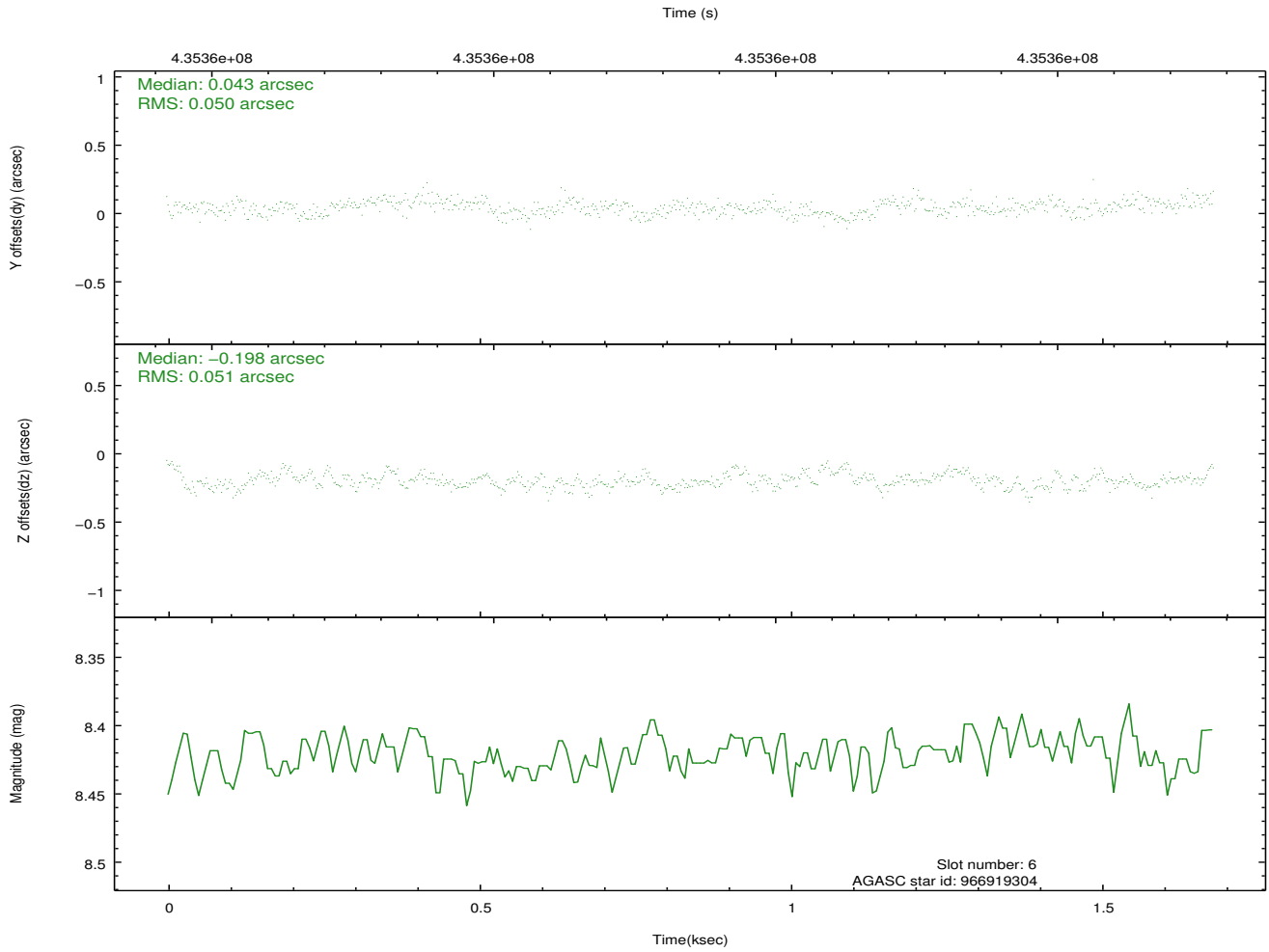
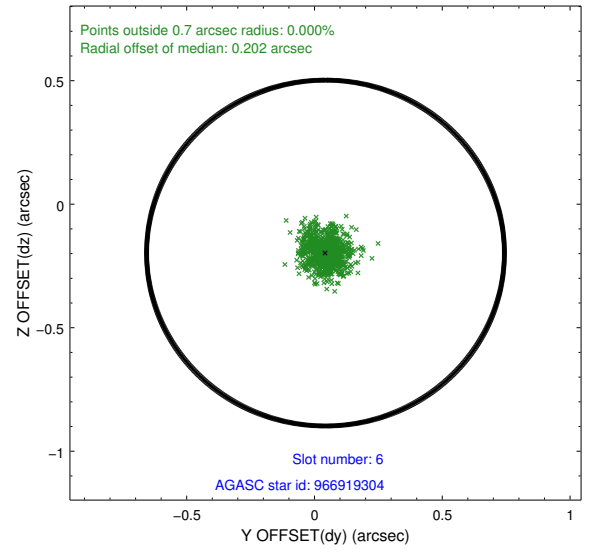
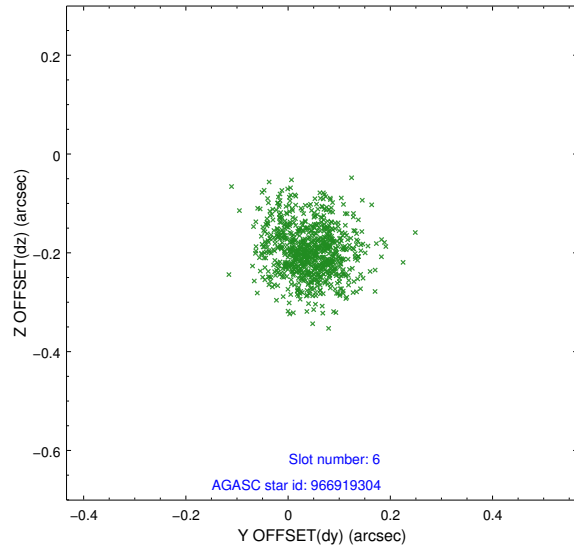
2.4.2 Slot 4



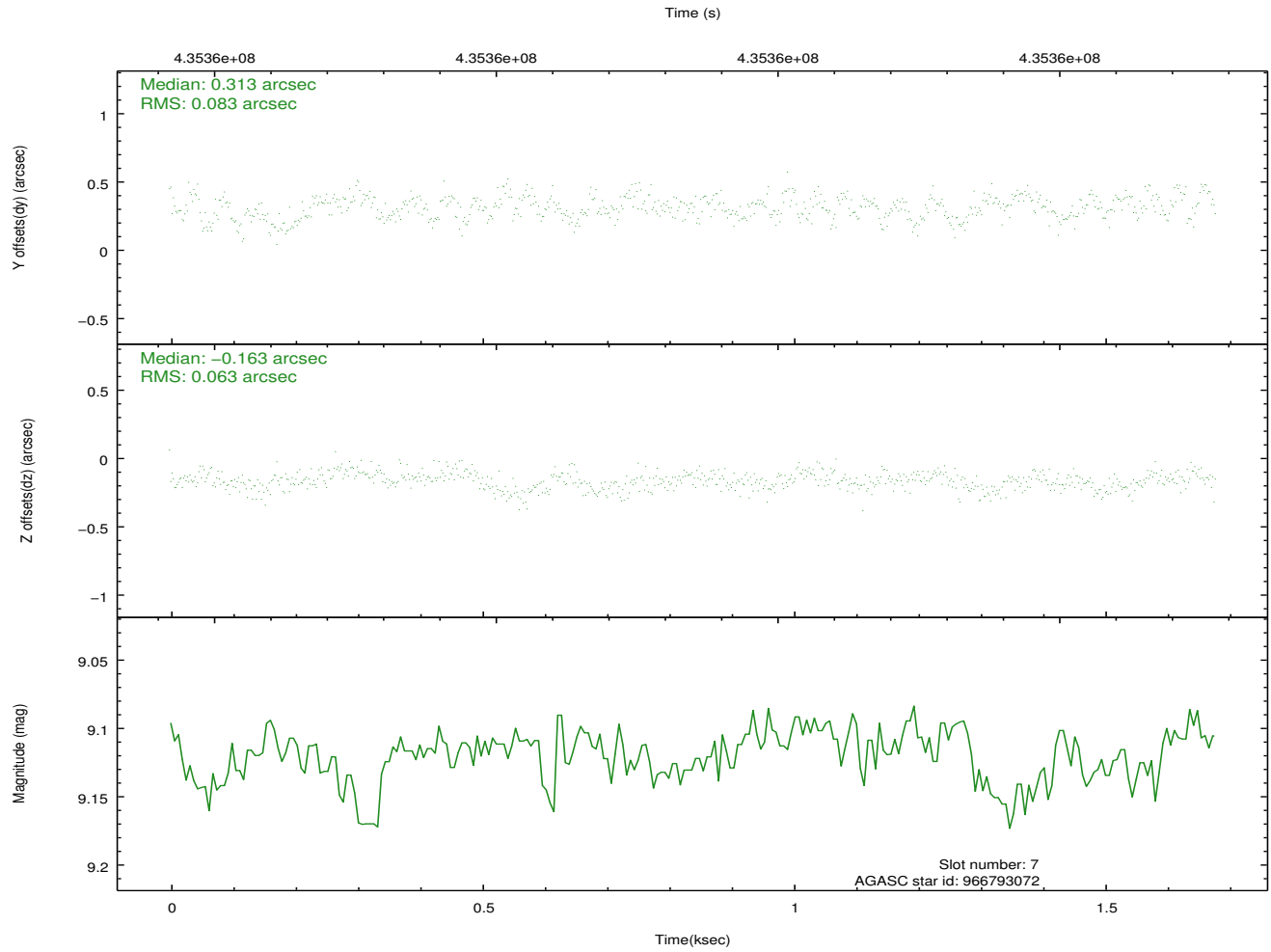
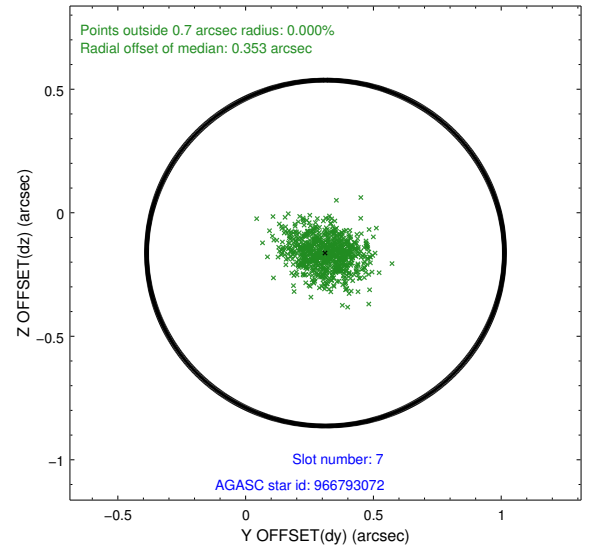
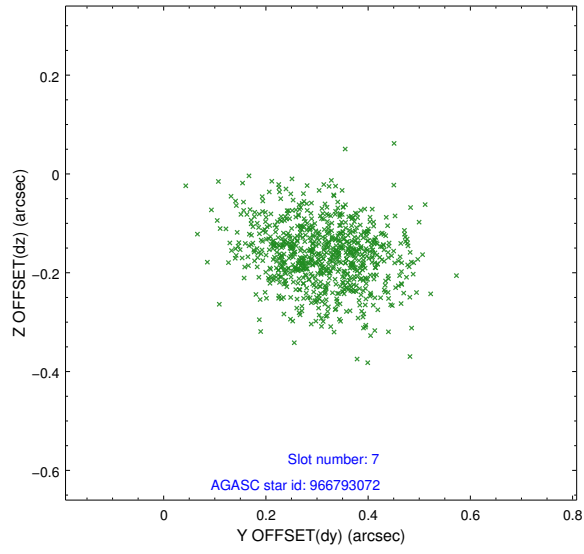
2.4.3 Slot 5



2.4.4 Slot 6

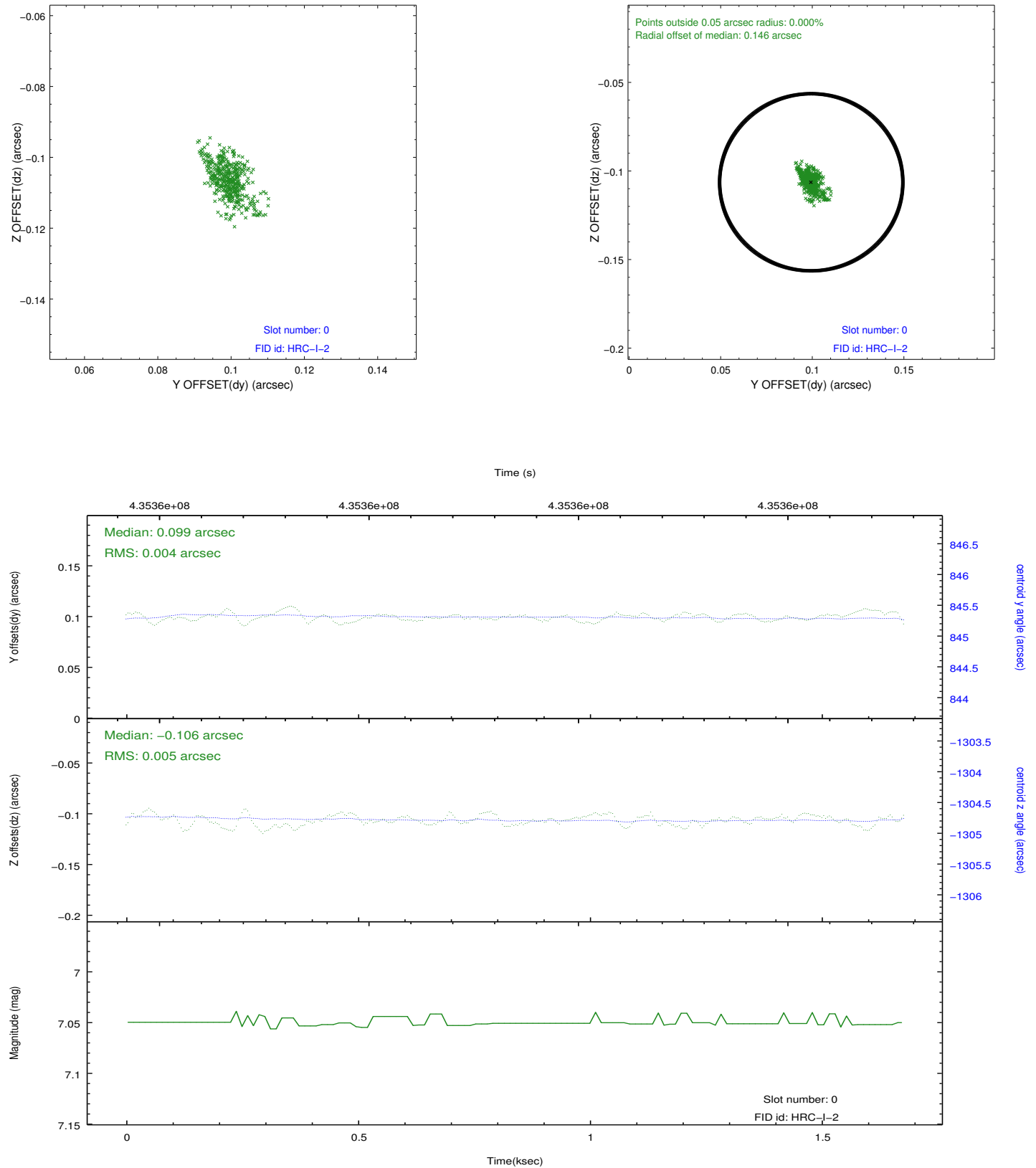


2.4.5 Slot 7

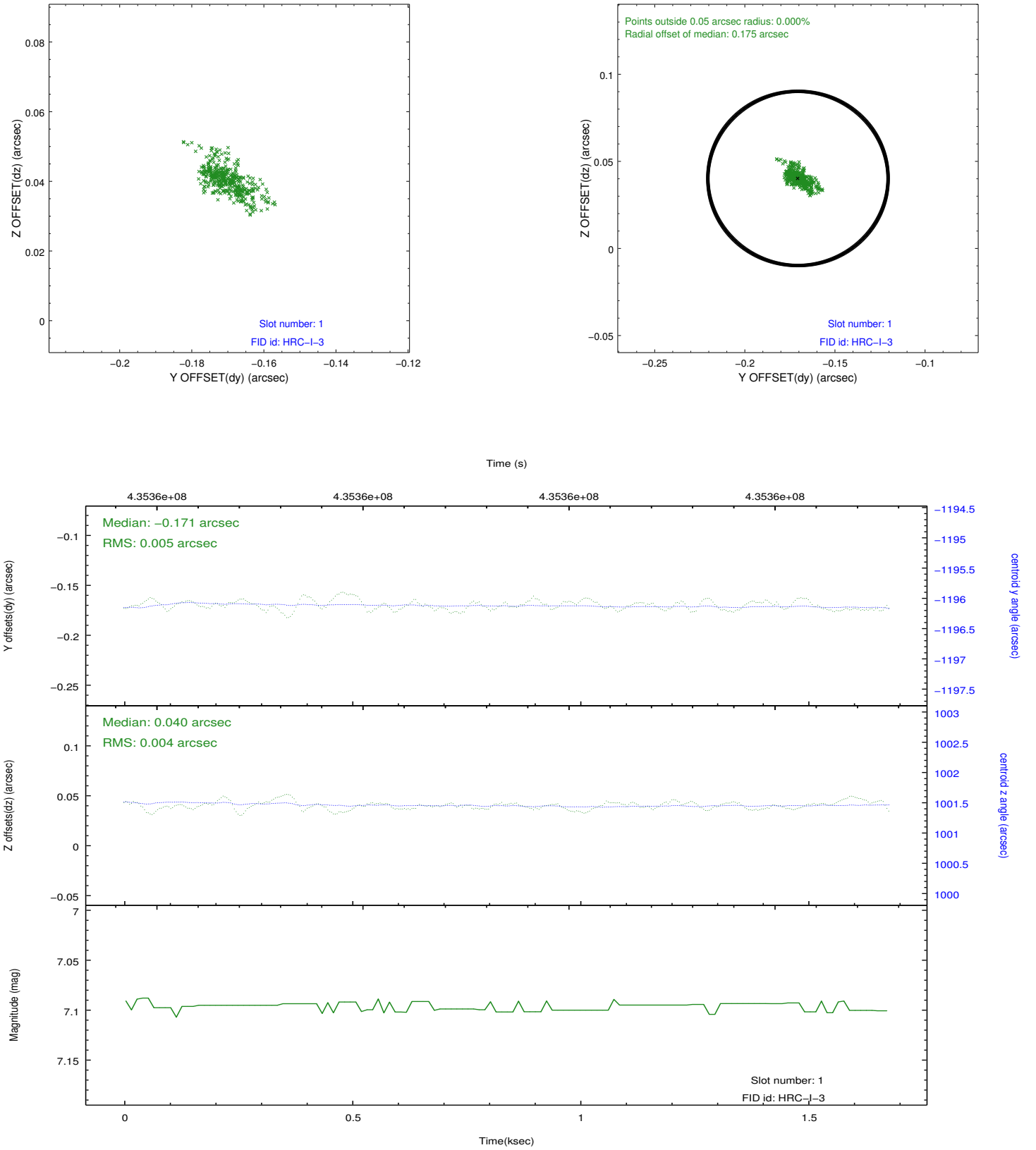


2.5 FID Slots

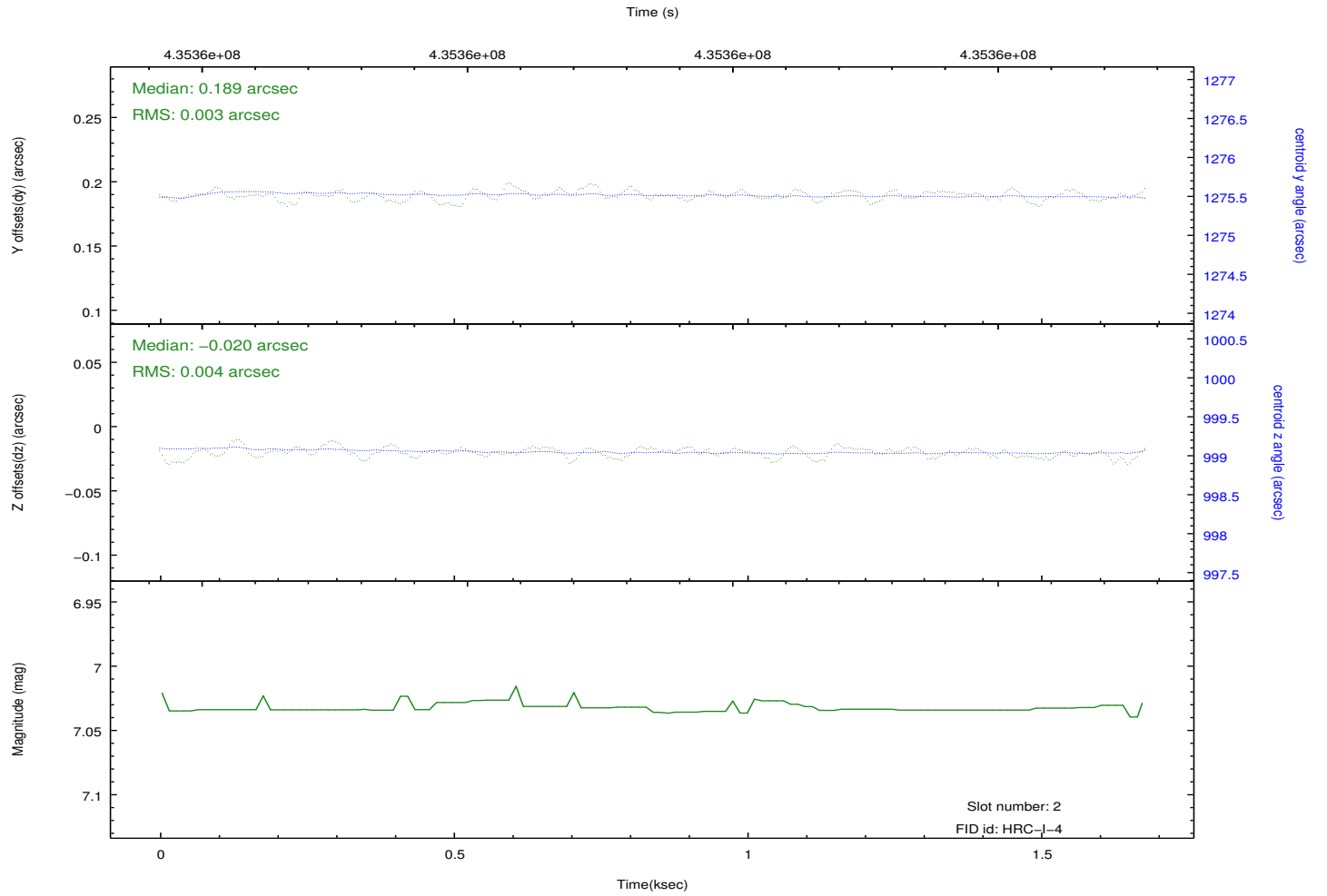
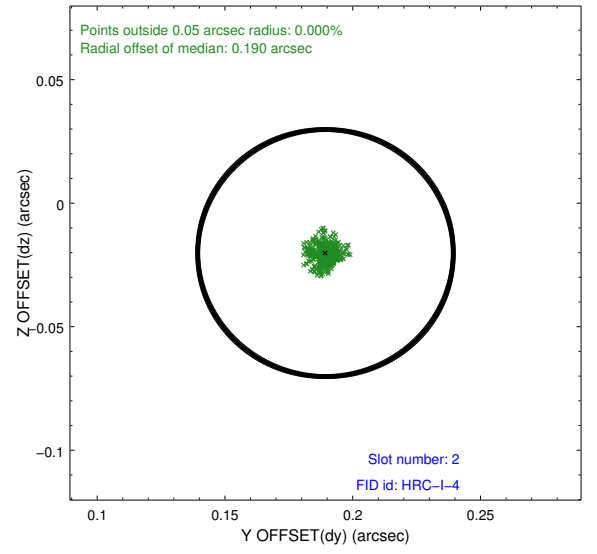
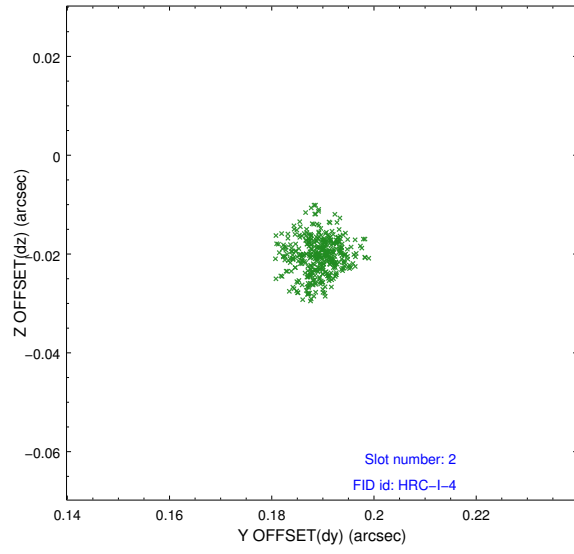
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.680231338203

A.2 Comments