

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1166 - L2 Version 4
Chandra X-Ray Center

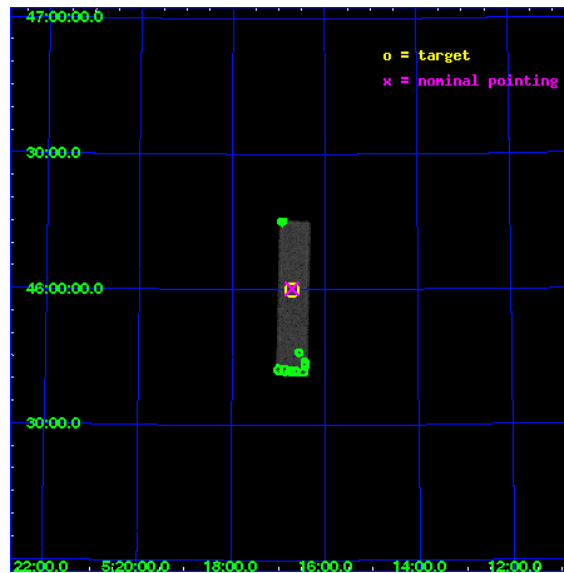
L2 Processing Date : Jan 13 2010

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1 Front

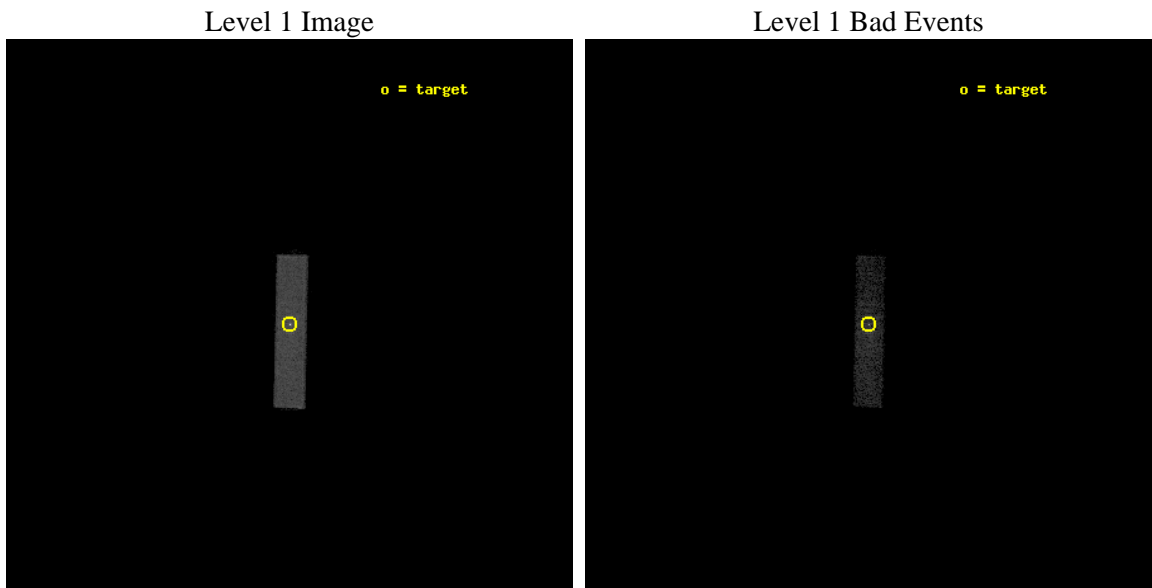
seq_num	280116	Sequence number
obs_id	1166	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	CAPELLA	Source name
ra_targ	79.17625	Observer's specified target RA
dec_targ	45.997889	Observer's specified target Dec
ra_nom	79.177814727388	Nominal RA
dec_nom	46.003421168981	Nominal Dec
roll_nom	91.180086648751	Nominal Roll
revision	4	Processing version of data
ontime	722.88127595186	[s]
livetime	717.10521822615	Ontime multiplied by DTCOR
l2events	37973	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	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	722.88127595186	[s]
caldbver	4.1.5	 	l1events	53001	Number of level 1 events
date	2010-01-13T04:43:17	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

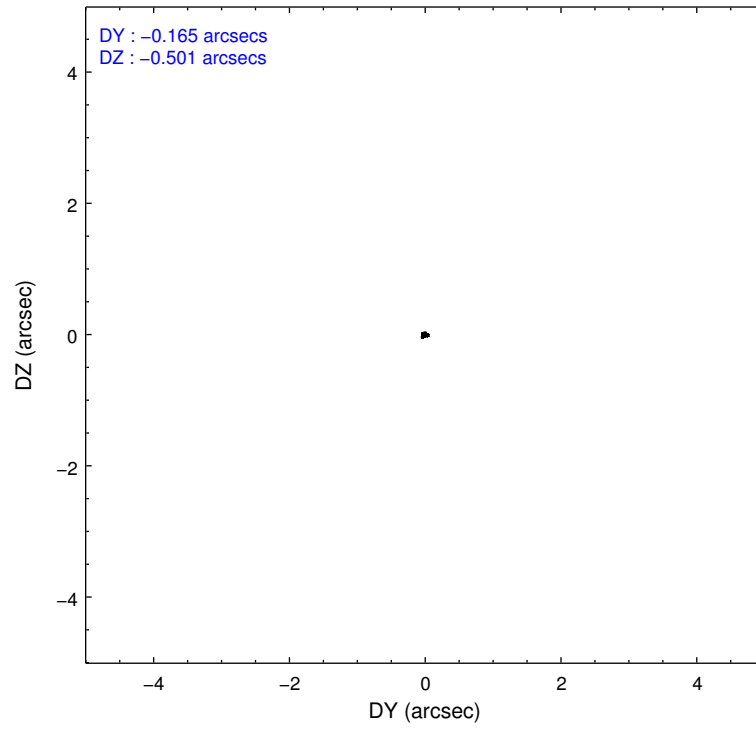
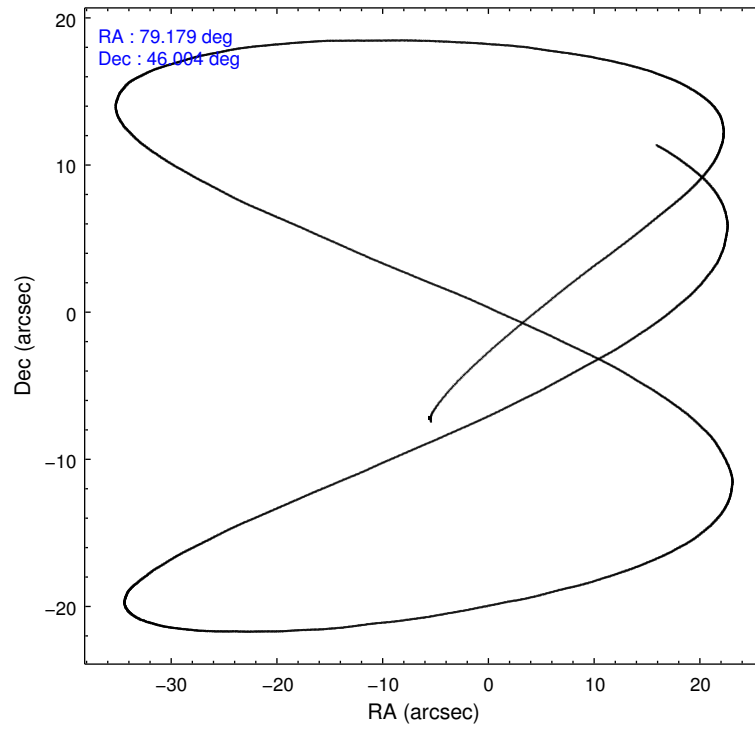
	segment 1	segment 2	segment 3
level 1 events	0	53001	0
rejected events	0	12949	0
rejected %	0%	24%	0%

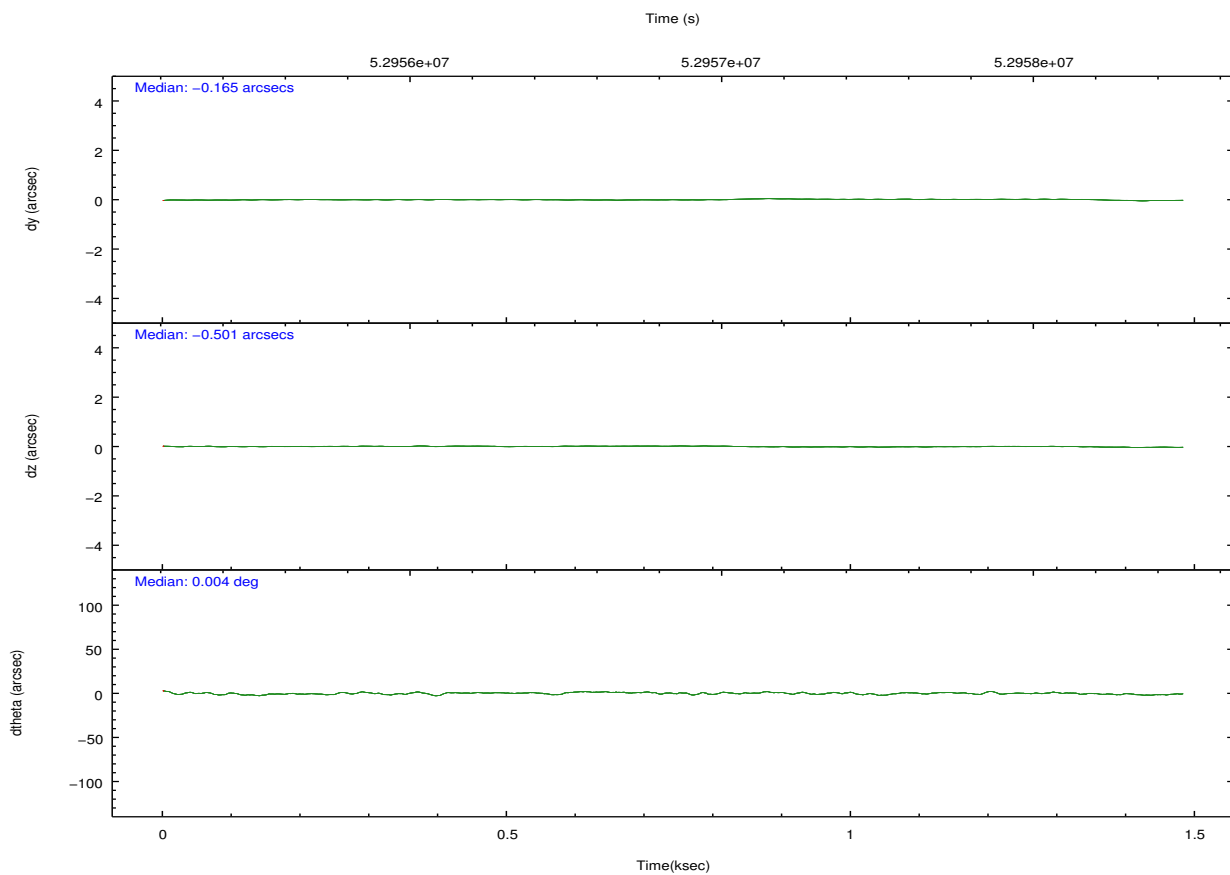
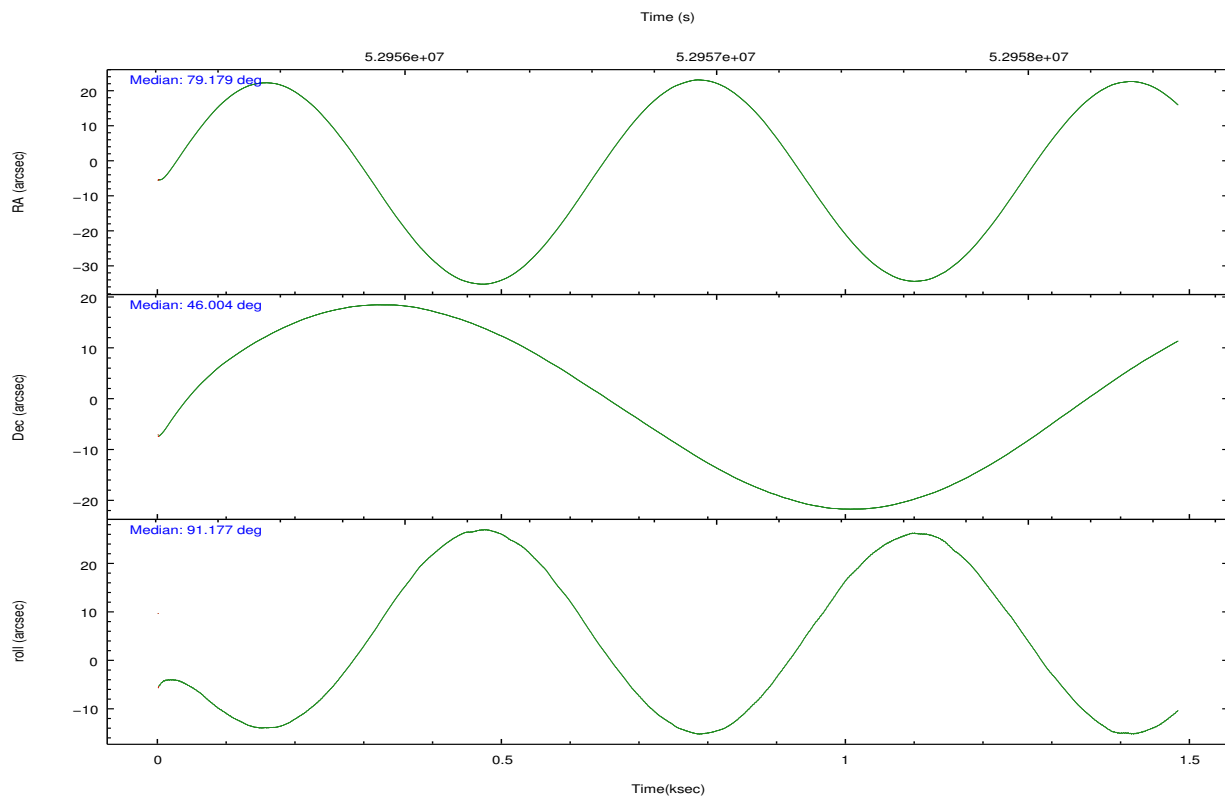
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	79.199329	79.17781472738761
Pointing Dec	45.978858	46.00342116898076
Pointing Roll	91.097351	91.18008664875114
SIM focus pos (mm)	-1.429586	-1.370509375638239
SIM defocus (mm)	0.1037507710433287	0.1628272637660579
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	52956664.184000	52955443.315061
Observation start date	1999-09-05T22:10:00	1999-09-05T21:50:43
Observation end time	52957664.184000	52957797.227645
Observation end date	1999-09-05T22:26:40	1999-09-05T22:29:57

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



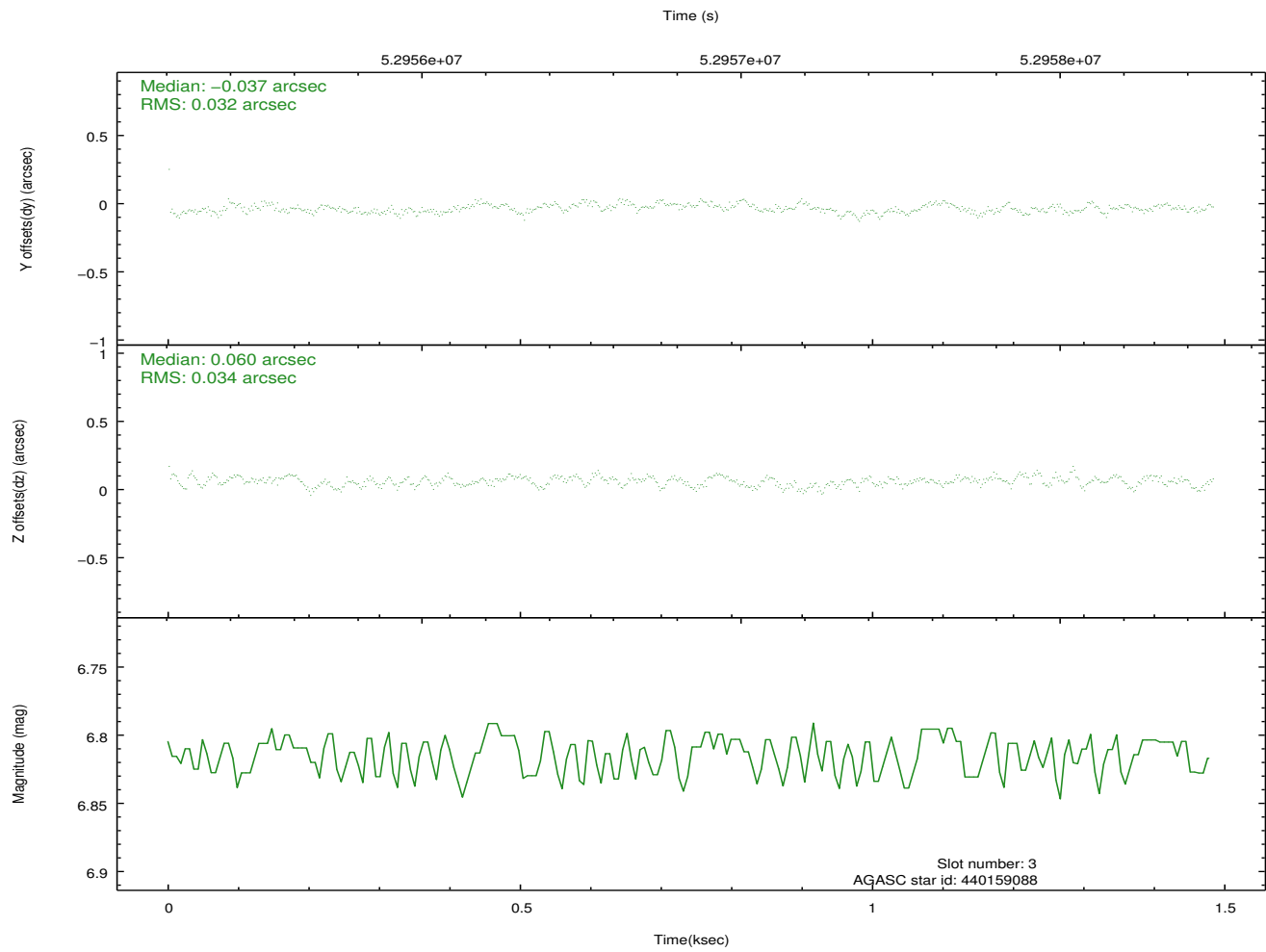
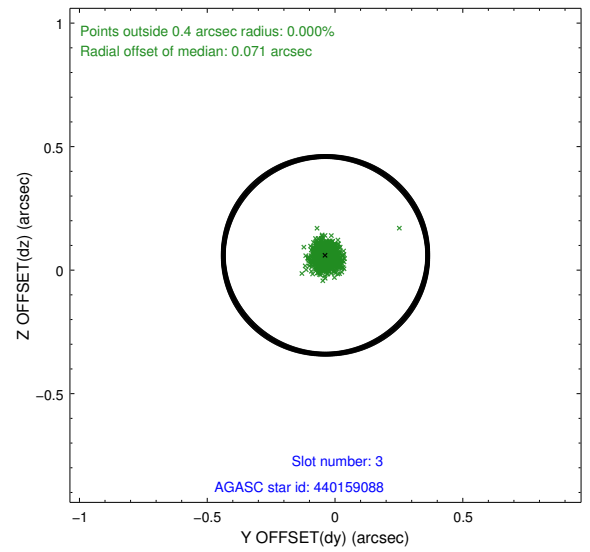
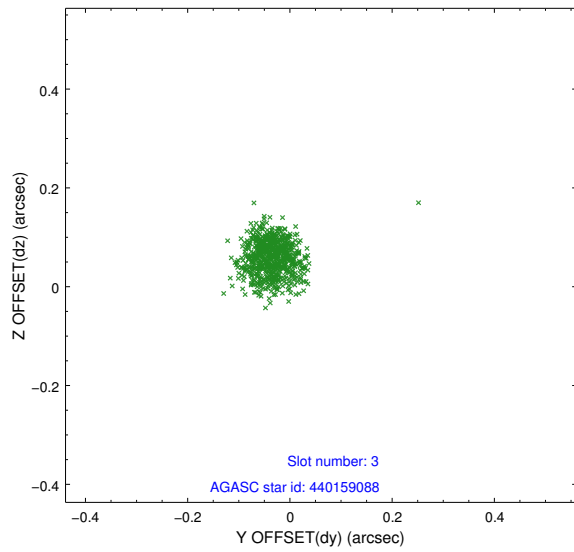


Slot Statistics

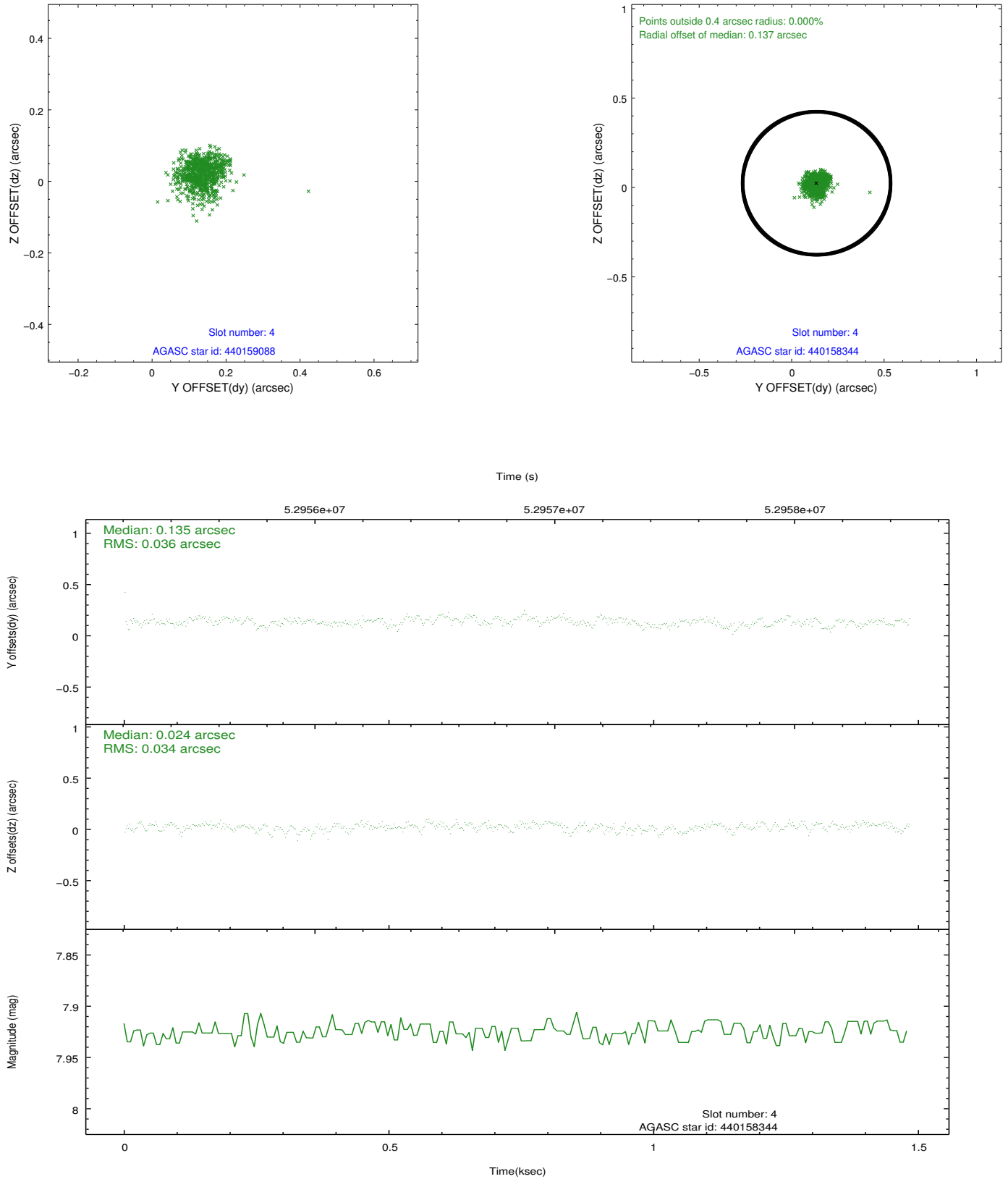
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	724	0.150	-0.066	0.007	0.010	0.000000	0.000000	-1153.87	-447.61
1	FID	HRC-S-3	7.01	724	0.088	-0.122	0.007	0.011	0.000000	0.000000	-1158.12	581.25
2	FID	HRC-S-4	6.99	724	0.149	-0.109	0.005	0.009	0.000000	0.000000	1242.93	584.94
3	GUIDE	440159088	6.81	724	-0.037	0.060	0.049	0.076	79.453034	46.128063	524.84	-640.98
4	GUIDE	440158344	7.93	723	0.135	0.024	0.051	0.082	79.344888	45.394991	-2108.46	-326.48
5	GUIDE	440149808	8.54	724	-0.054	-0.083	0.055	0.087	78.873930	46.405955	1550.31	779.80
6	GUIDE	440145944	9.10	724	0.088	0.099	0.077	0.127	80.083717	45.428844	-2008.94	-2193.14
7	GUIDE	438440232	9.47	723	-0.133	-0.087	0.099	0.154	78.262303	46.626220	2384.13	2270.49

2.4 Star Slots

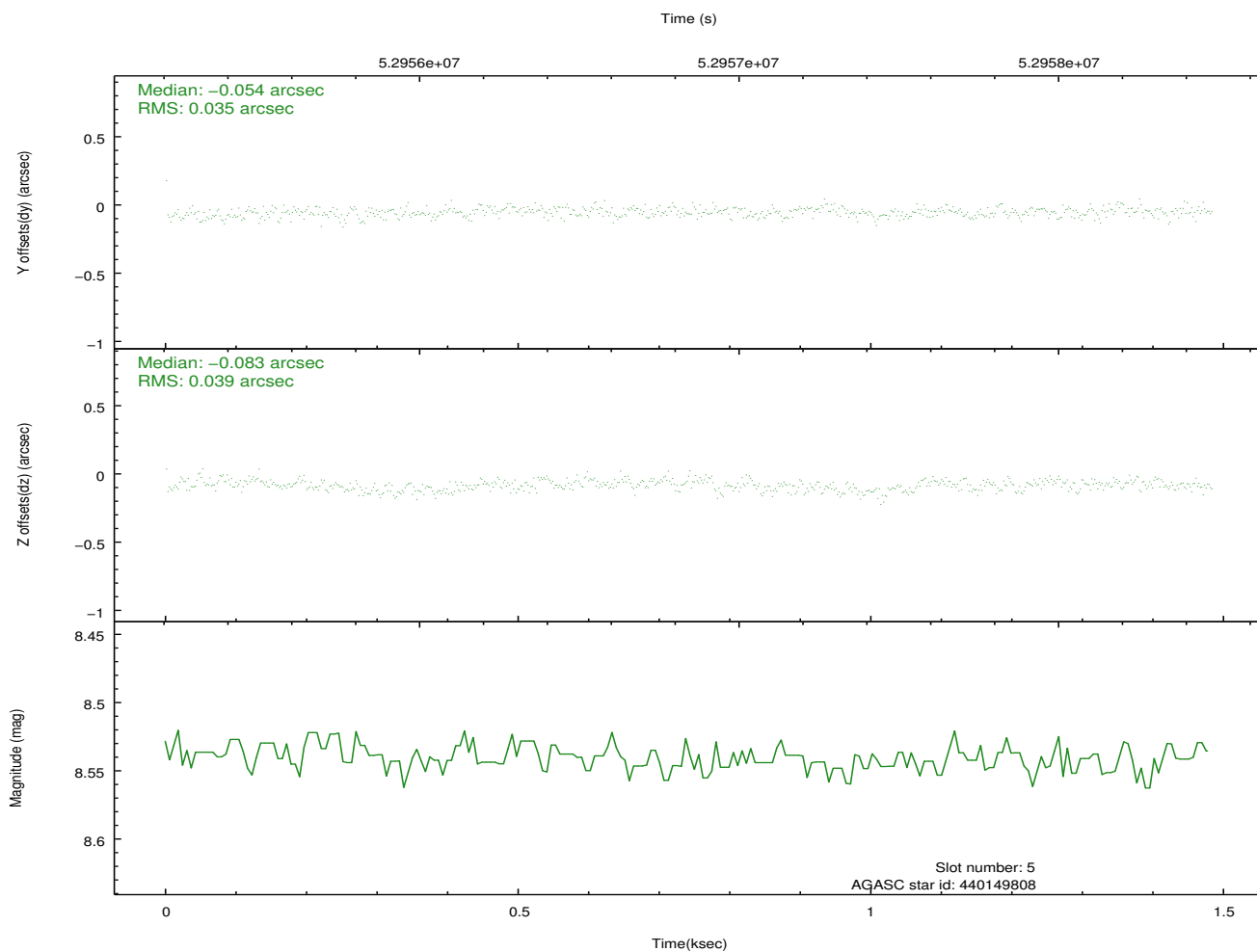
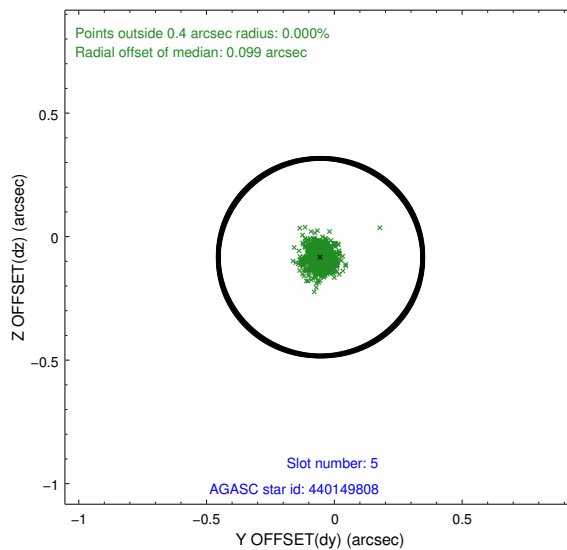
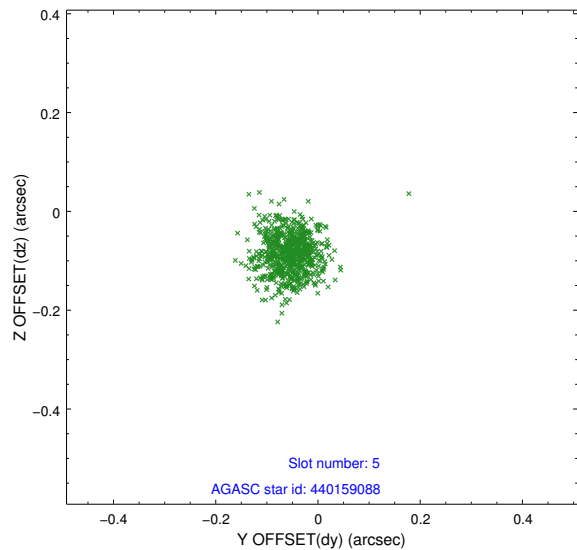
2.4.1 Slot 3



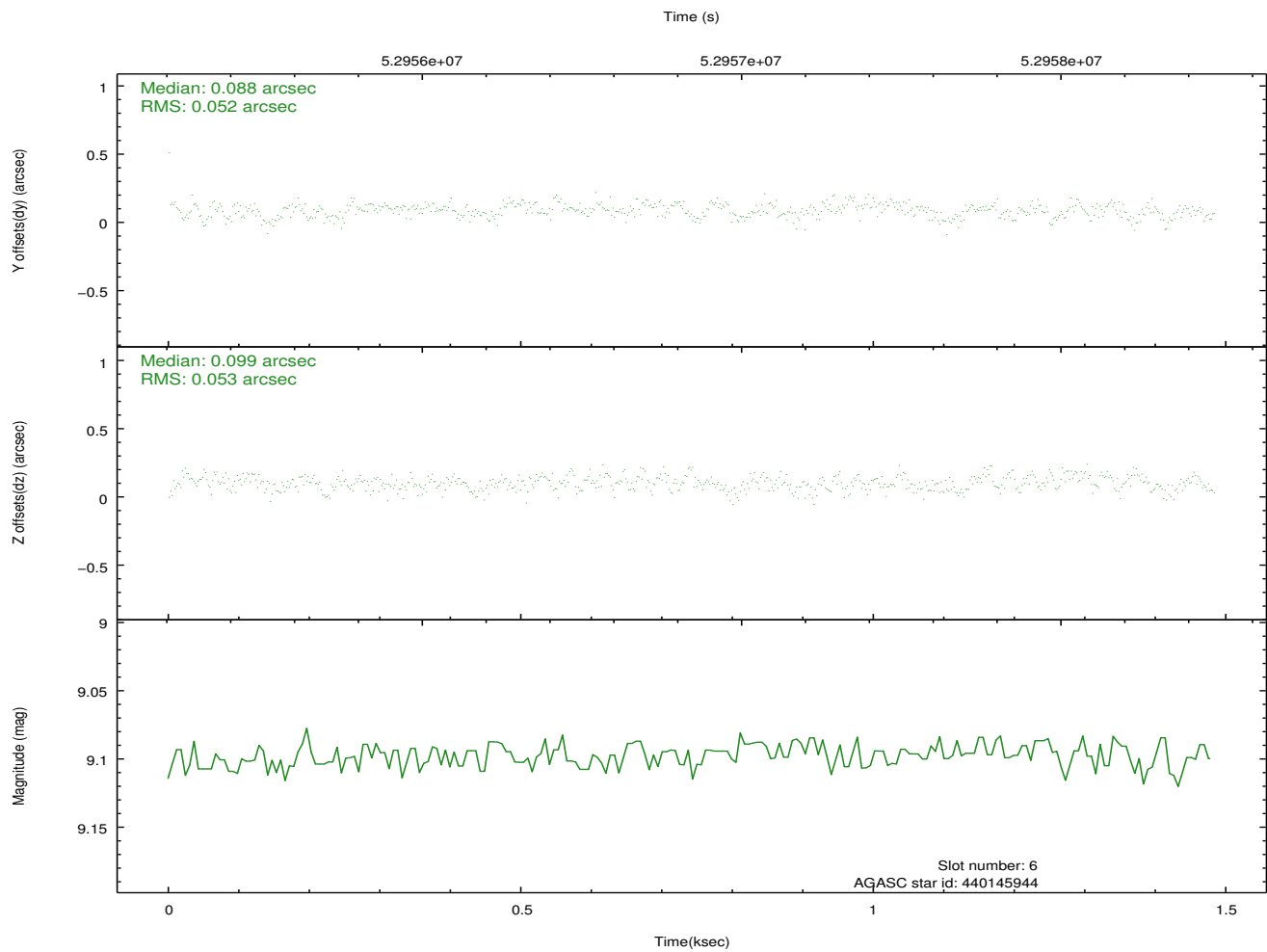
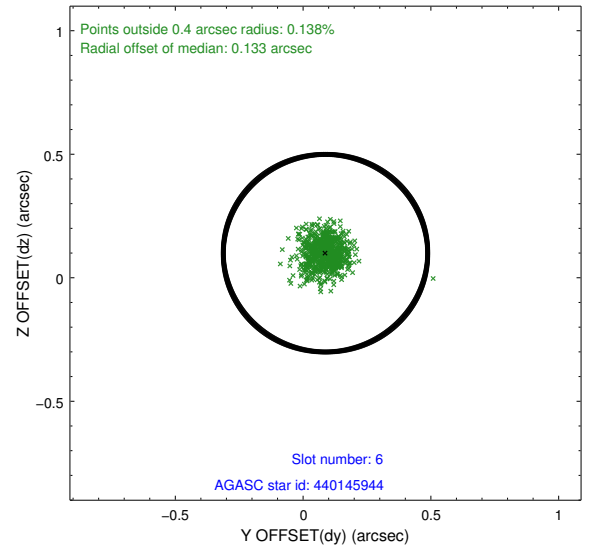
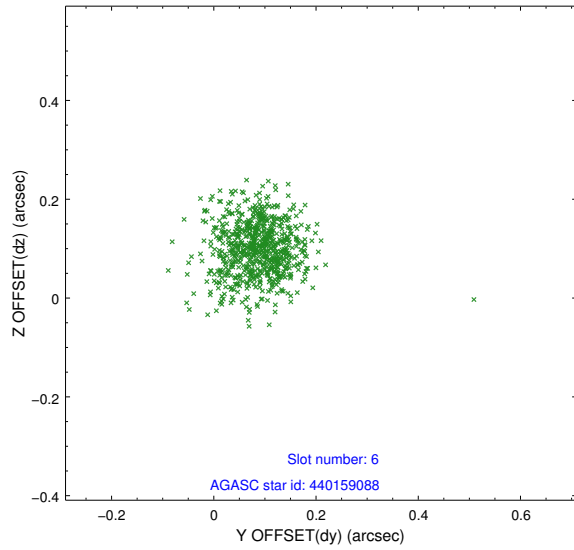
2.4.2 Slot 4



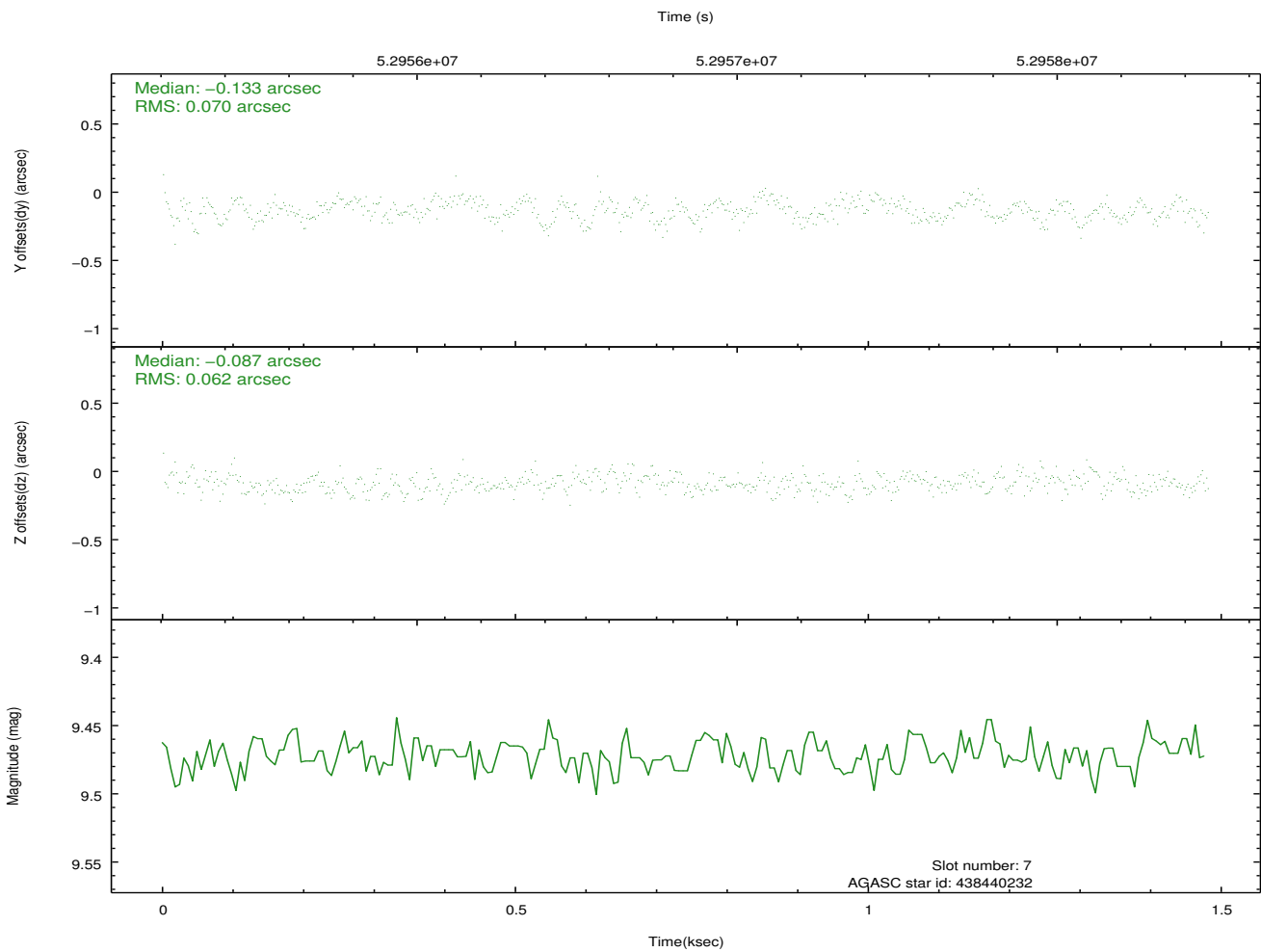
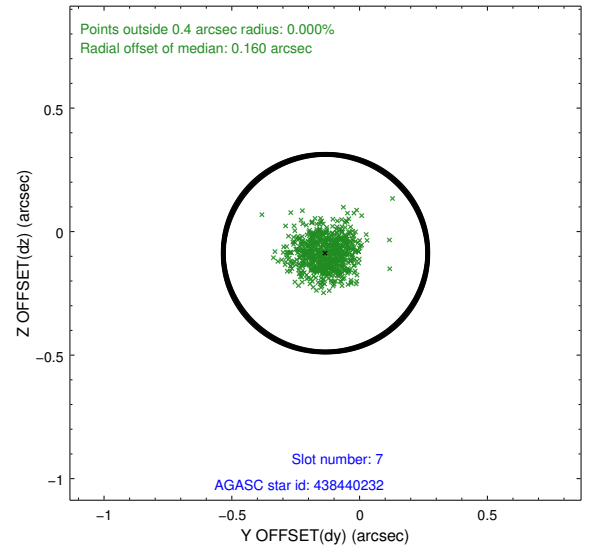
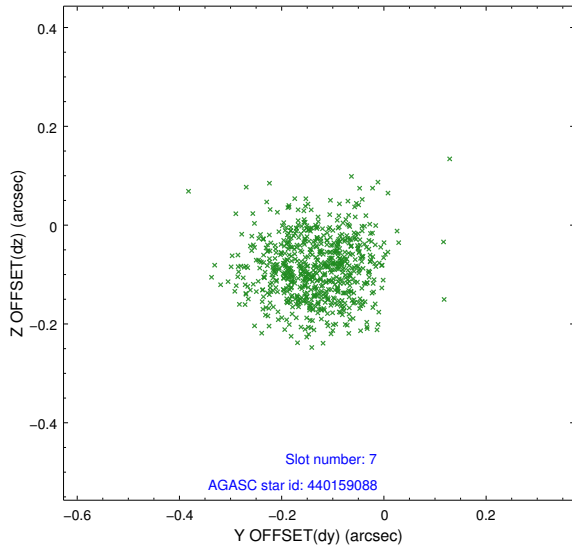
2.4.3 Slot 5



2.4.4 Slot 6

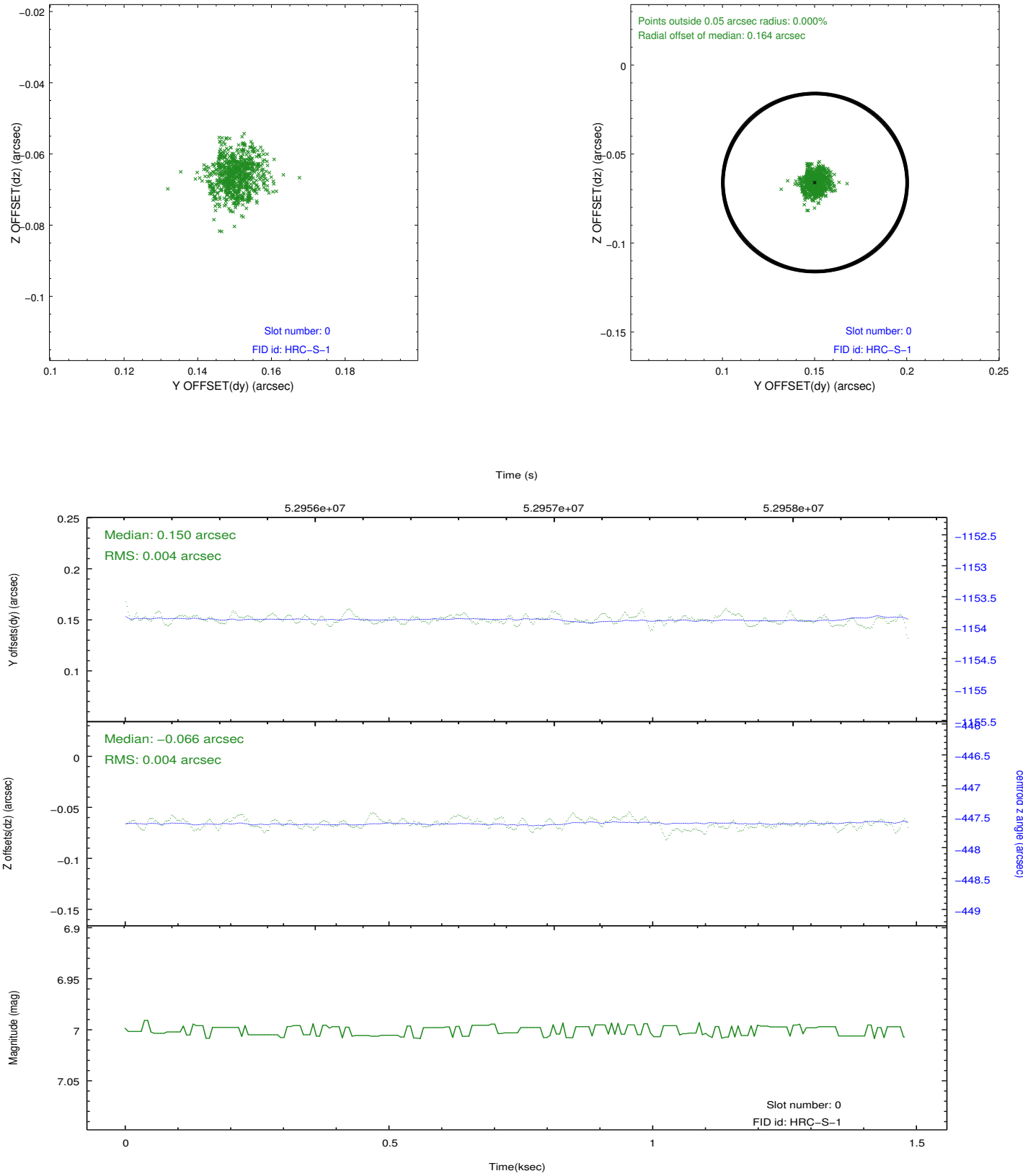


2.4.5 Slot 7

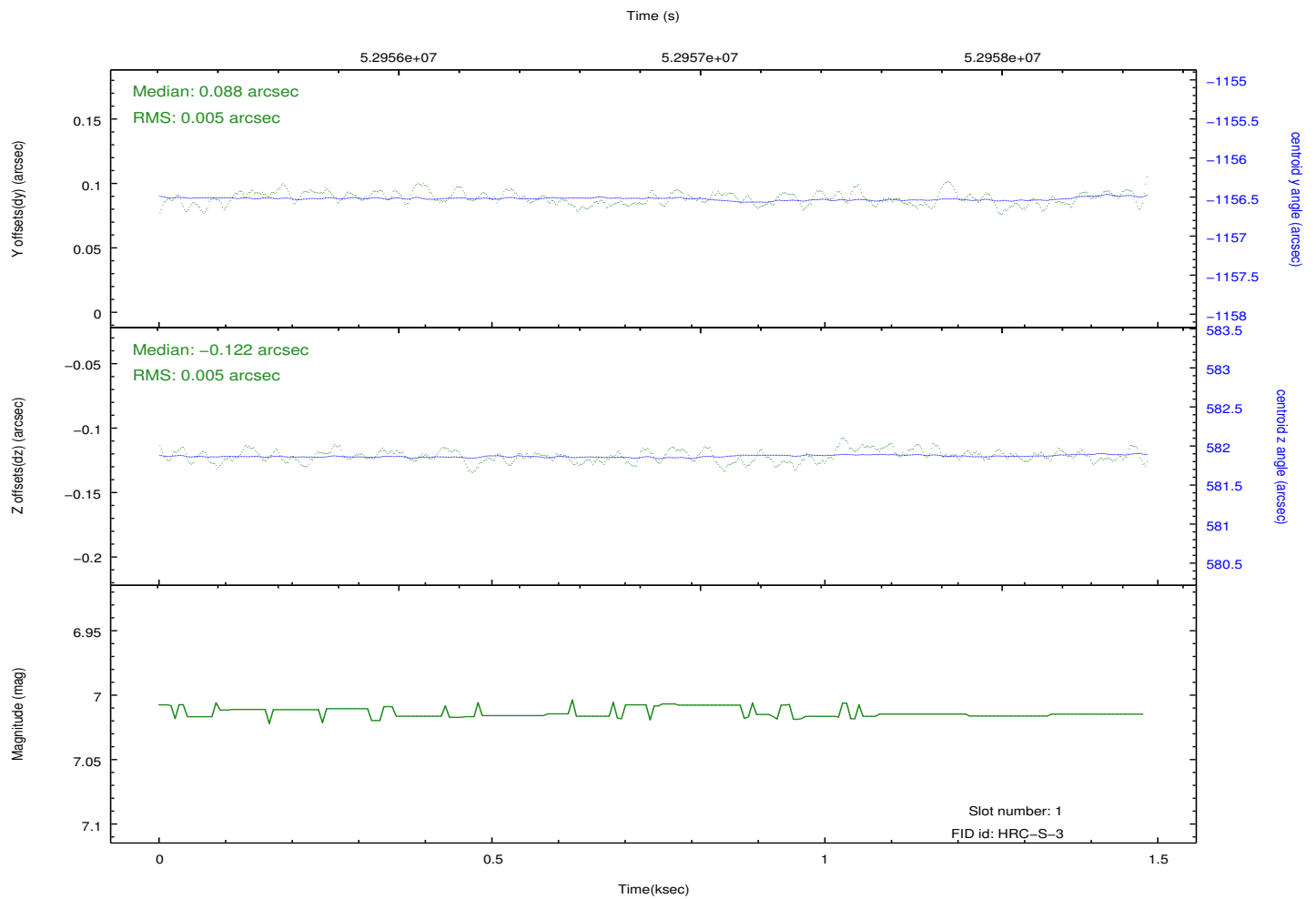
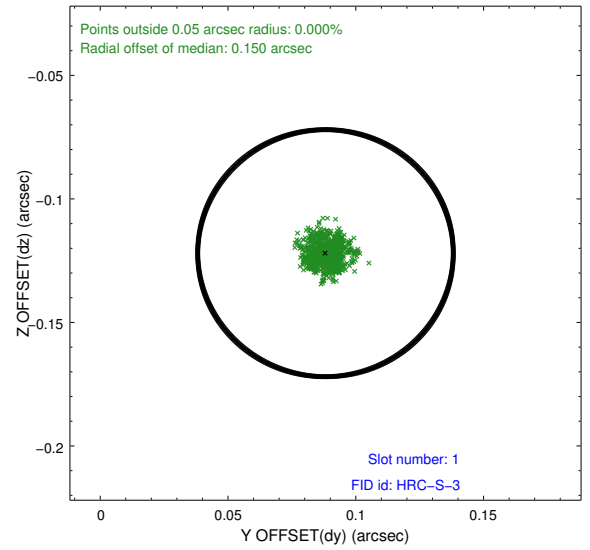
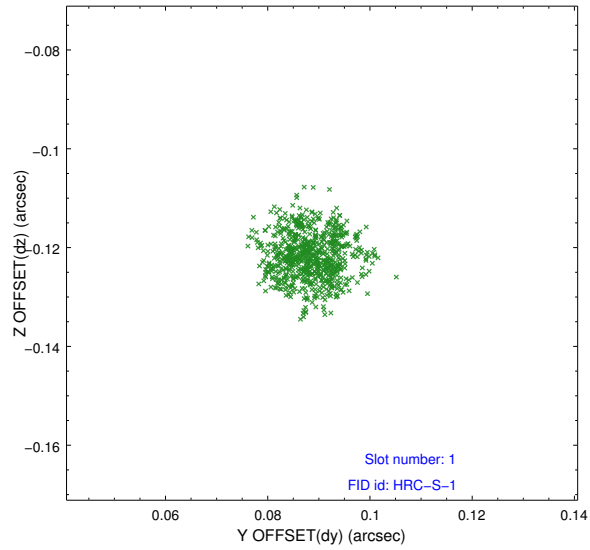


2.5 FID Slots

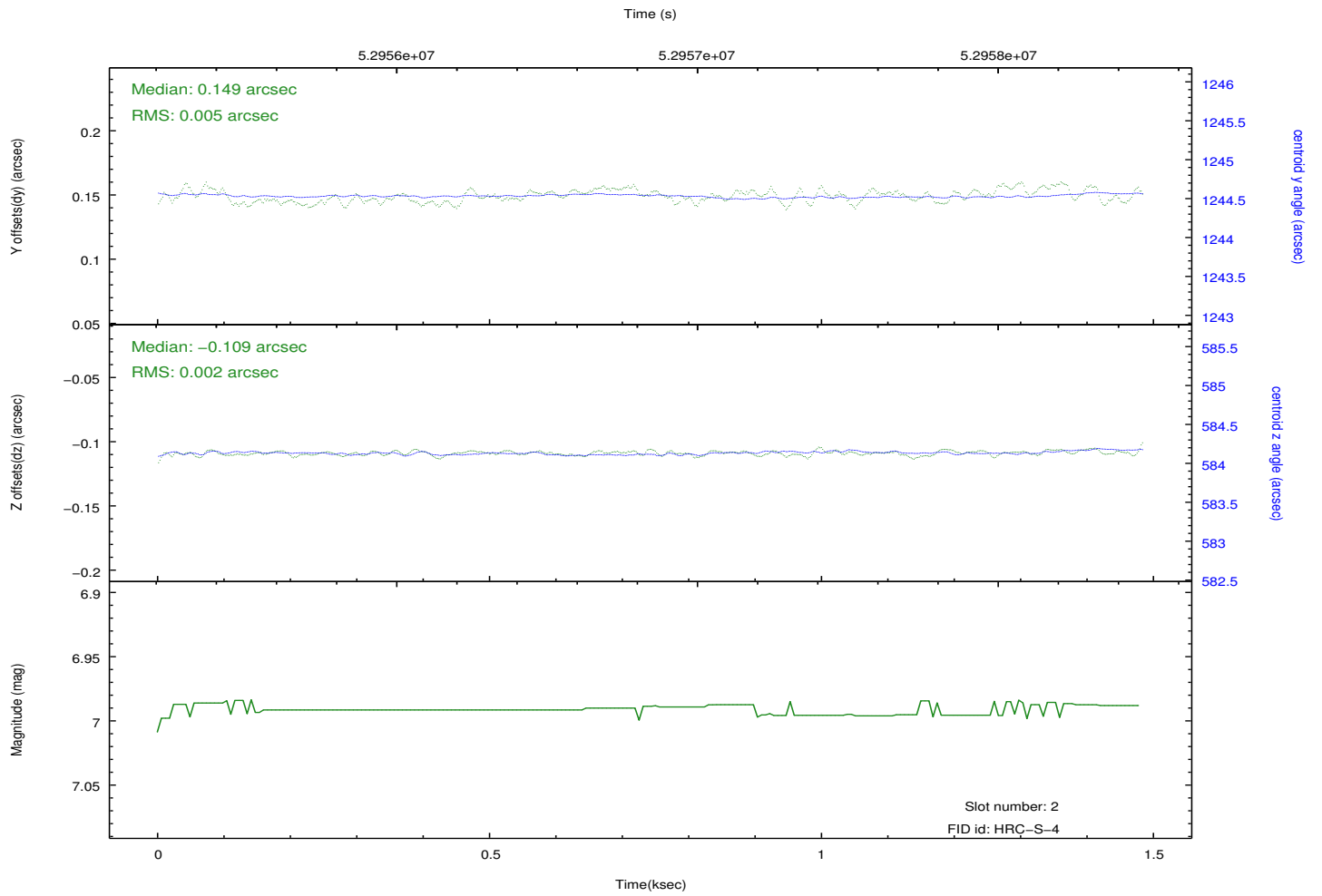
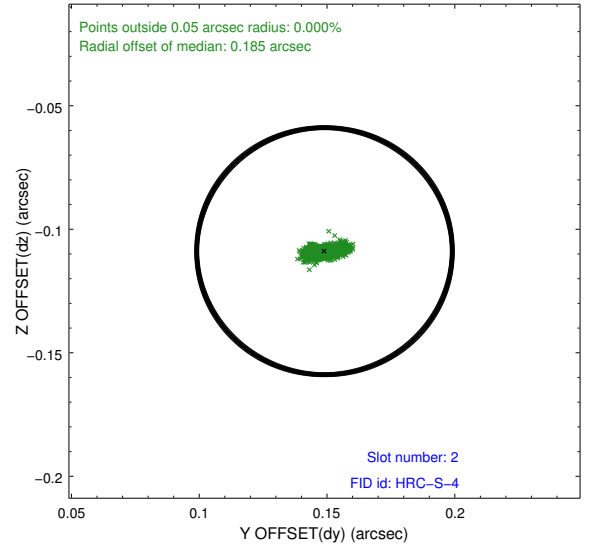
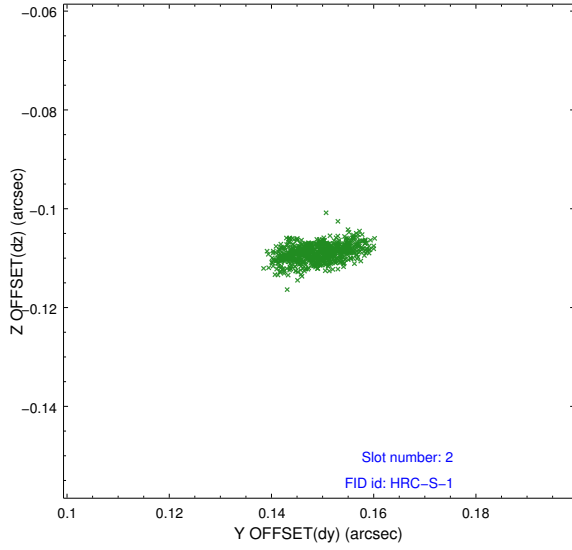
2.5.1 Slot 0



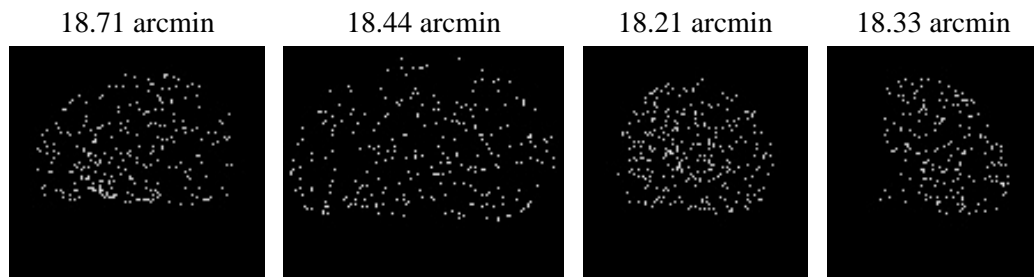
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.72

A.2 Comments