

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6373 - L2 Version 4
Chandra X-Ray Center

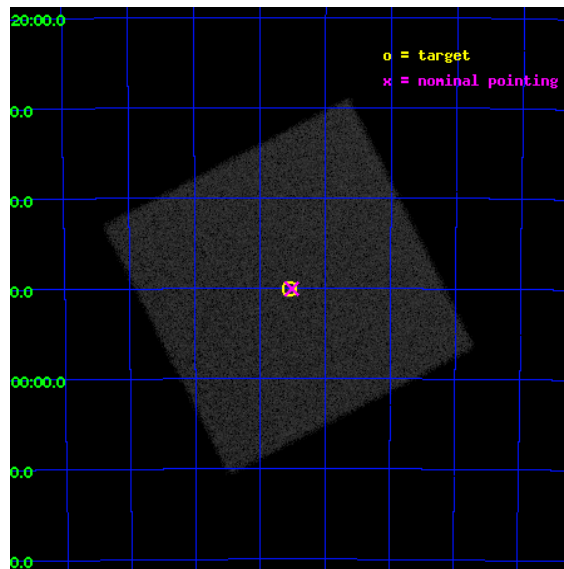
L2 Processing Date : Dec 30 2012

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1 Front

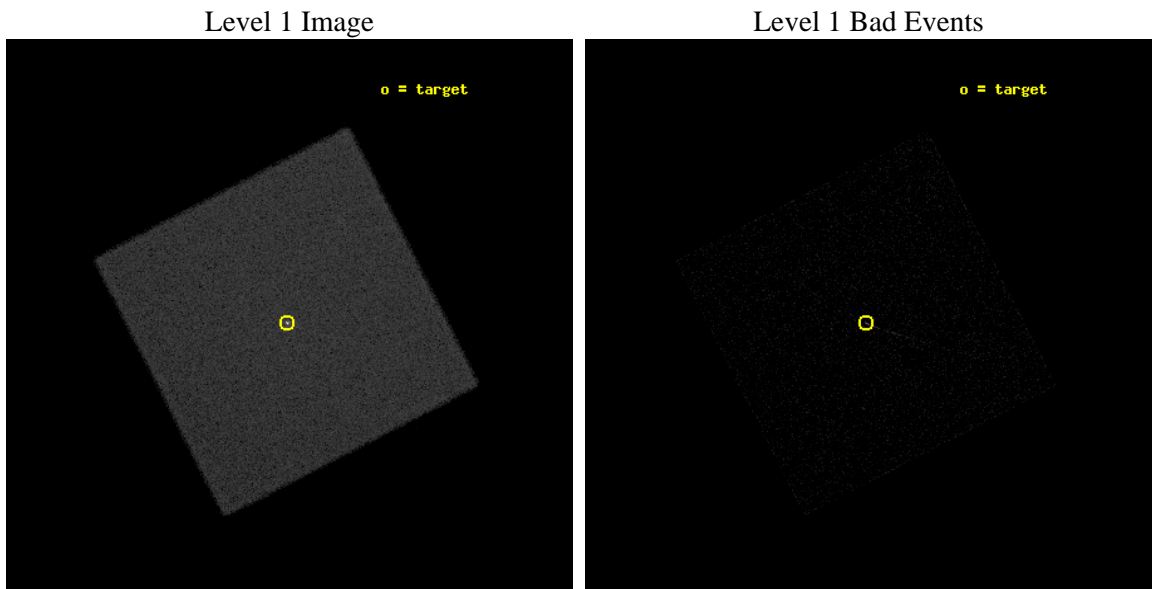
seq_num	200370	Sequence number
obs_id	6373	Observation id
title	HRC Imaging of the `Fainted' Primary of the Alpha Centauri System	
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.885833	Observer's specified target RA [deg]
dec_targ	-60.834889	Observer's specified target Dec [deg]
ra_nom	219.87775852524	Nominal RA [deg]
dec_nom	-60.834542481305	Nominal Dec [deg]
roll_nom	197.89225413718	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5187.7814890444	[s]
liveltime	5148.6841285149	Ontime multiplied by DTCOR
l2events	218742	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	5187.7814890444	[s]
caldbver	4.5.5	 	l1events	399820	Number of level 1 events
date	2012-12-30T20:07:39	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

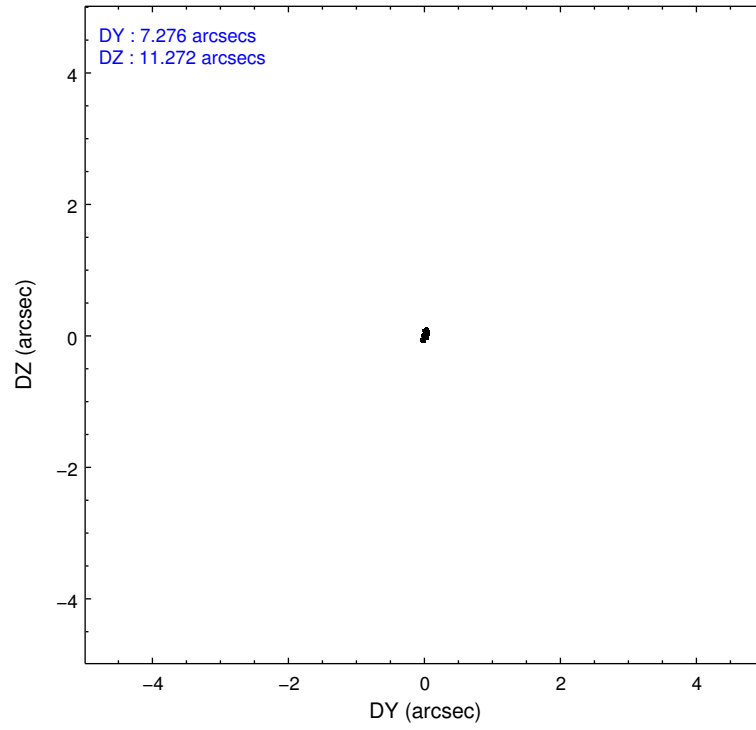
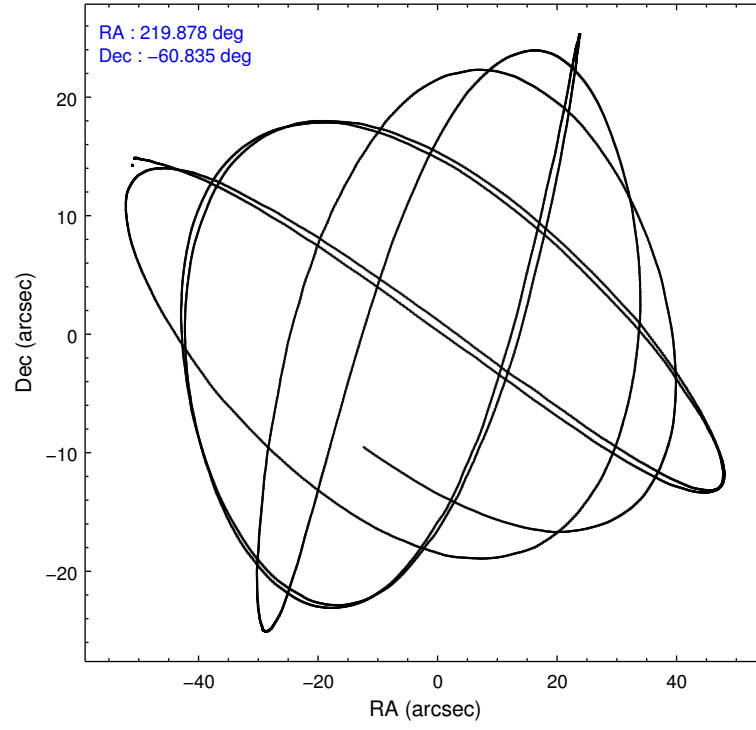
	segment 0
level 1 events	399820
rejected events	79565
rejected %	19%

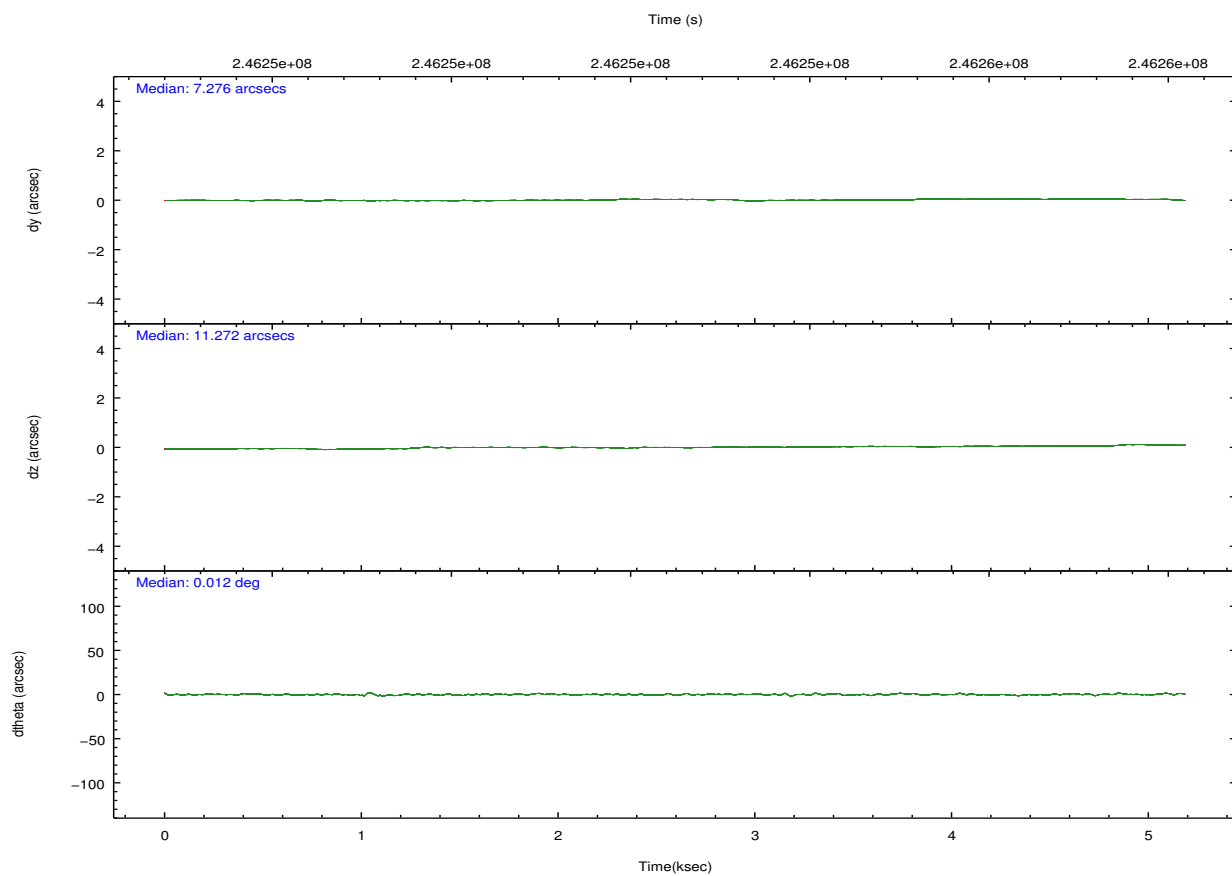
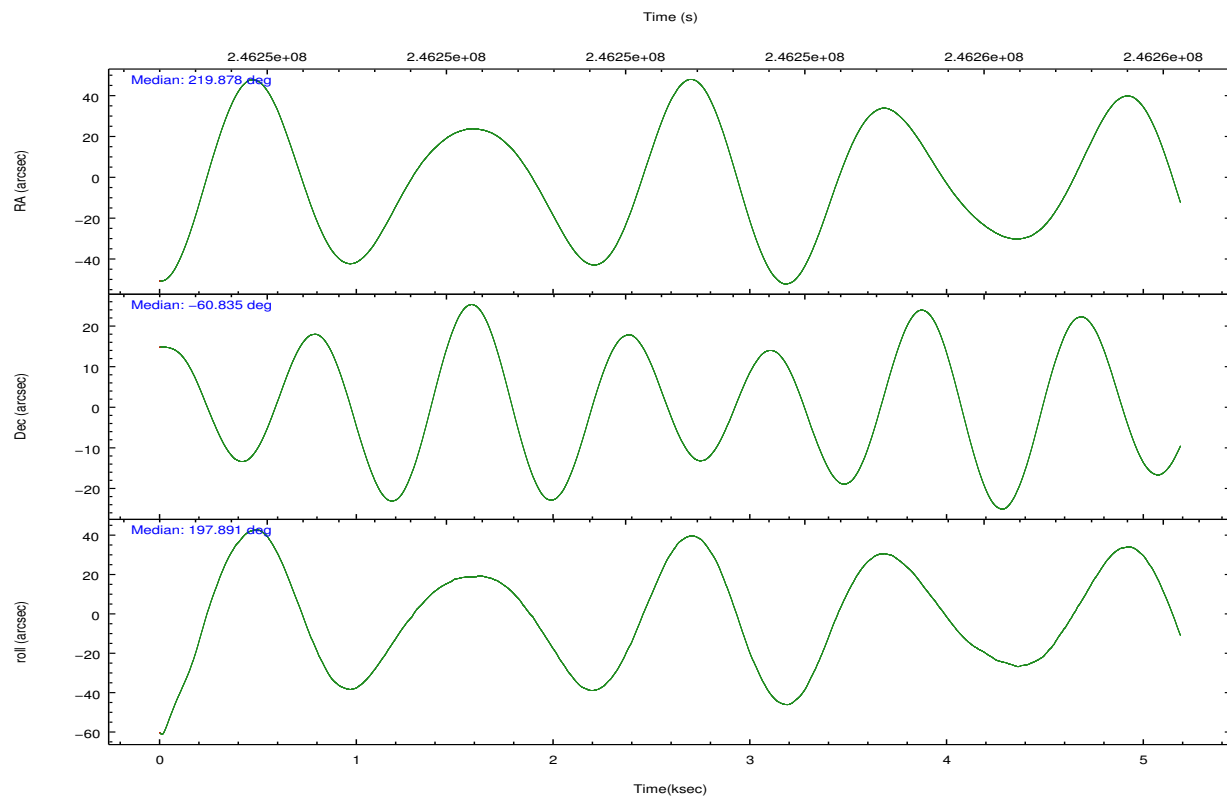
2.2 Compared Parameters

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	219.913615	219.877758525243
[deg] Pointing Dec	-60.814025	-60.83454248130484
[deg] Pointing Roll	198.019083	197.8922541371833
[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)	246250845.184000	246249900.604
Observation start date	2005-10-21T02:59:41	2005-10-21T02:45:00
[s] Observation end time (MET)	246255845.184000	246256403.7168
Observation end date	2005-10-21T04:23:01	2005-10-21T04:33:23

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

2.3 Aspect



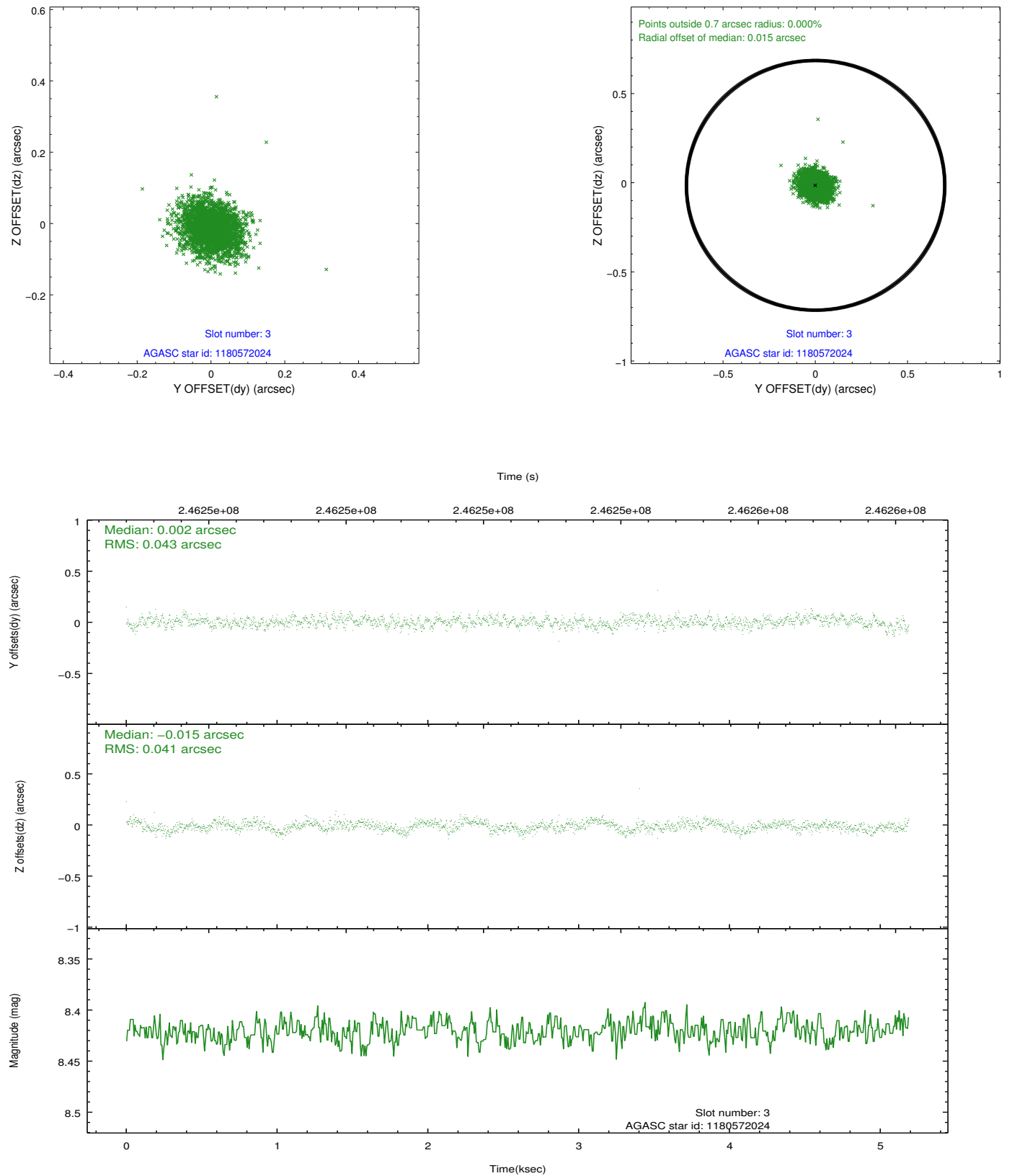


Slot Statistics

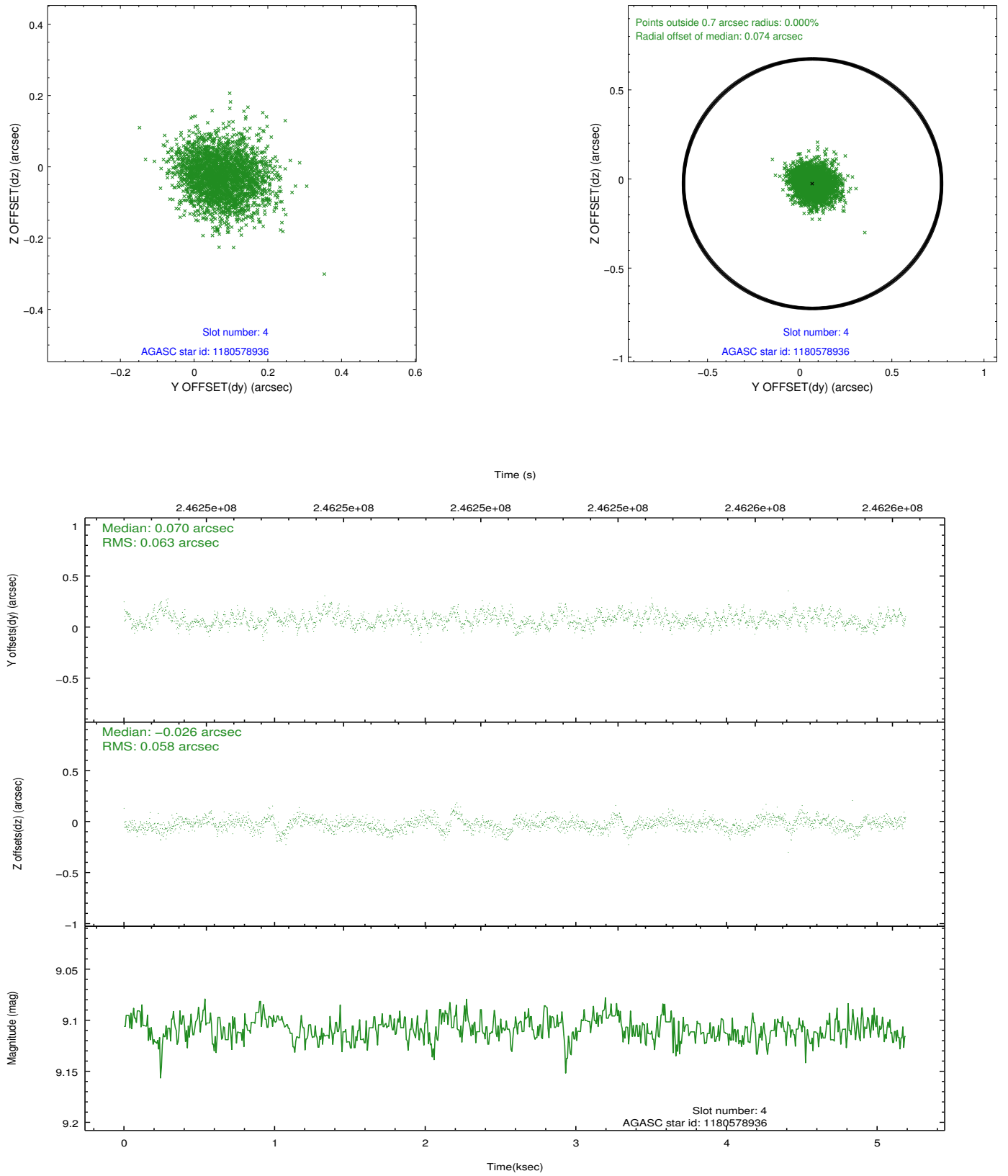
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1266	-0.035	-0.057	0.006	0.010	0.000000	0.000000	-762.98	-1299.26
1	FID	HRC-I-2	7.03	1266	0.091	-0.037	0.007	0.011	0.000000	0.000000	849.17	-1301.92
2	FID	HRC-I-4	7.04	1266	0.060	0.002	0.006	0.009	0.000000	0.000000	1280.70	1001.83
3	GUIDE	1180572024	8.42	2532	0.002	-0.015	0.063	0.101	220.930377	-60.981487	-1496.97	1135.56
4	GUIDE	1180578936	9.11	2531	0.070	-0.026	0.090	0.148	220.919358	-61.155393	-1276.54	1722.08
5	GUIDE	1180589152	9.28	2531	-0.080	-0.031	0.095	0.151	219.760705	-61.382926	884.52	1866.98
6	GUIDE	1180603392	9.27	2531	-0.013	0.006	0.118	0.190	221.526441	-61.206550	-2210.36	2242.34
7	GUIDE	1180612104	9.01	2529	0.022	0.063	0.074	0.120	220.502279	-60.631704	-1189.98	-297.36

2.4 Star Slots

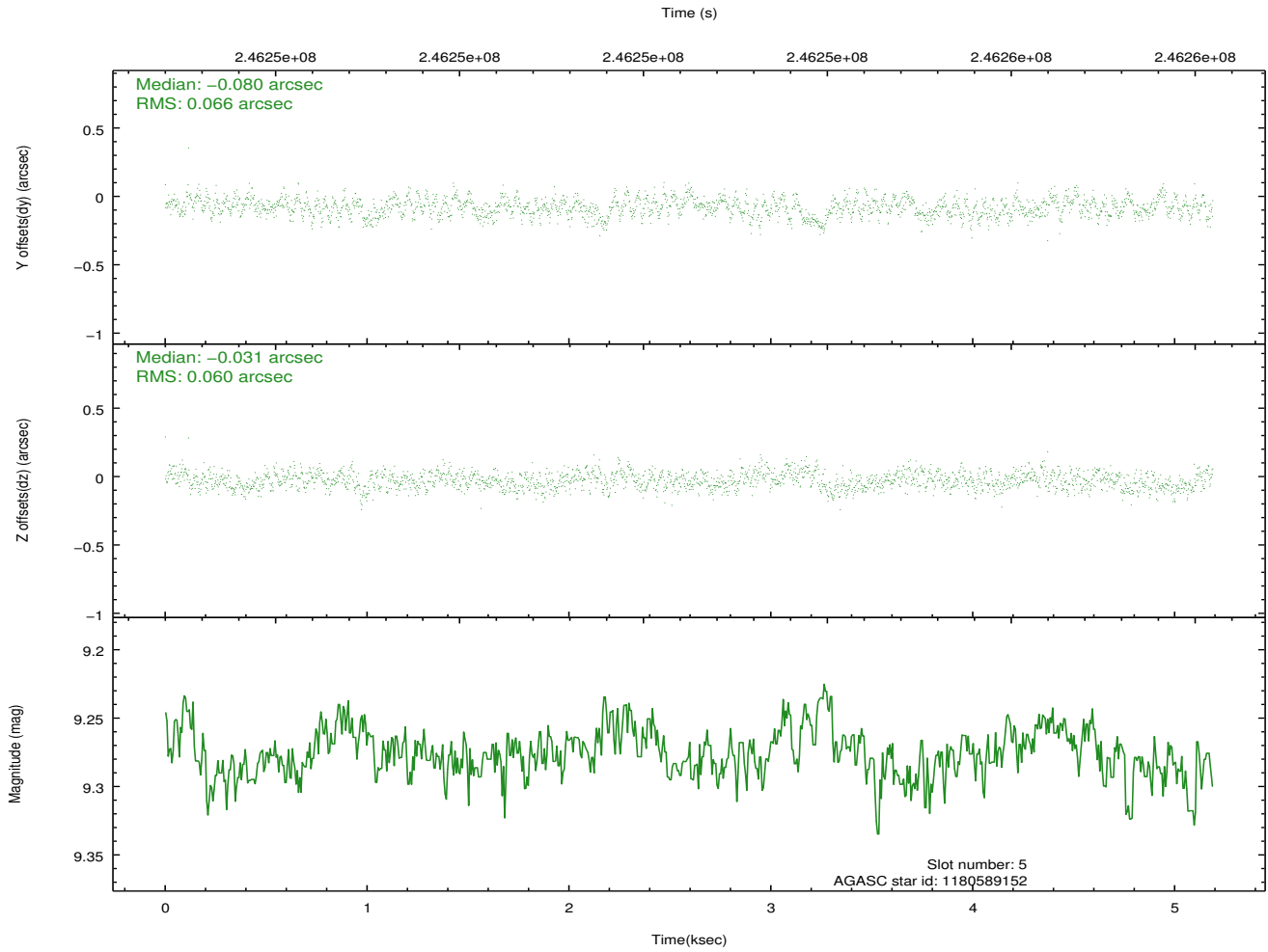
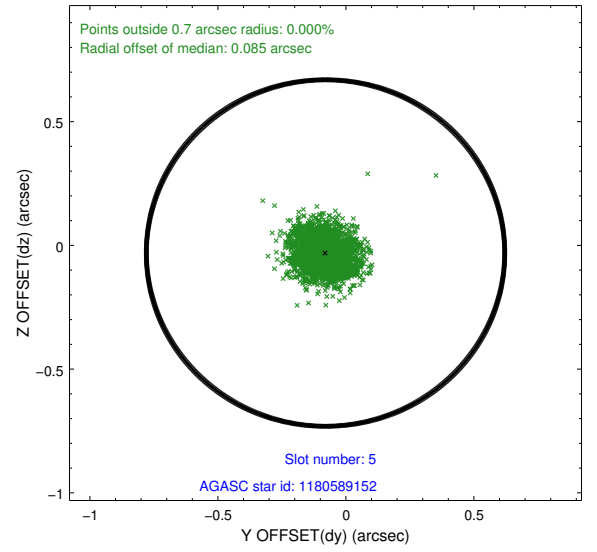
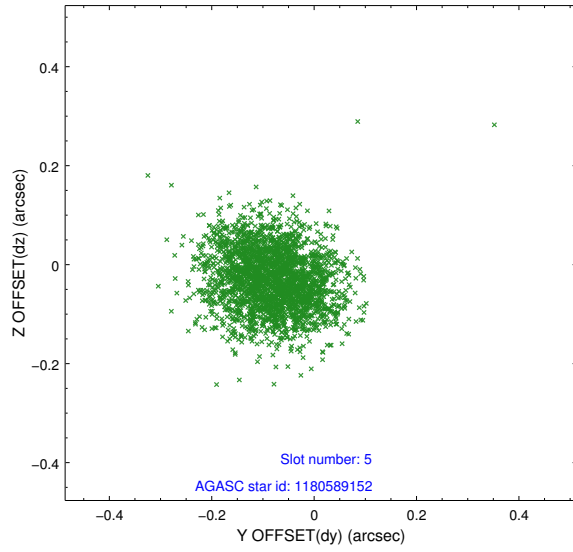
2.4.1 Slot 3



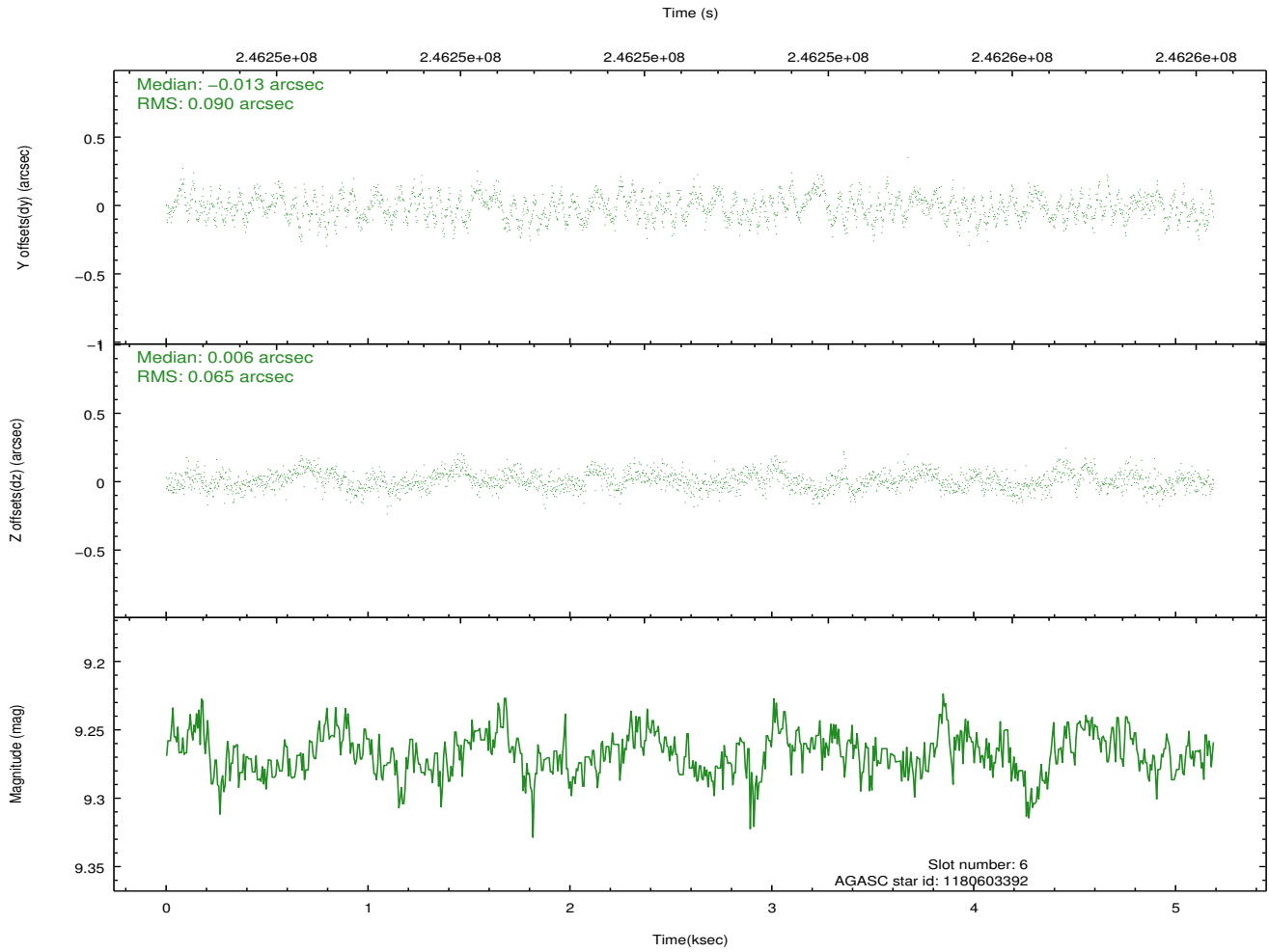
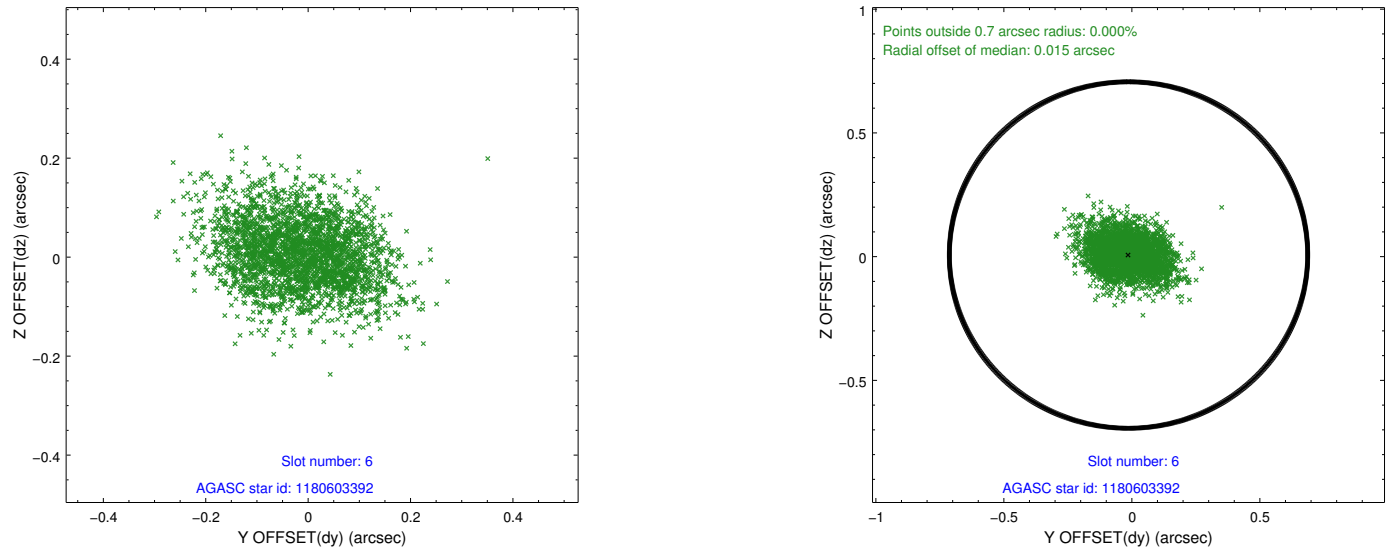
2.4.2 Slot 4



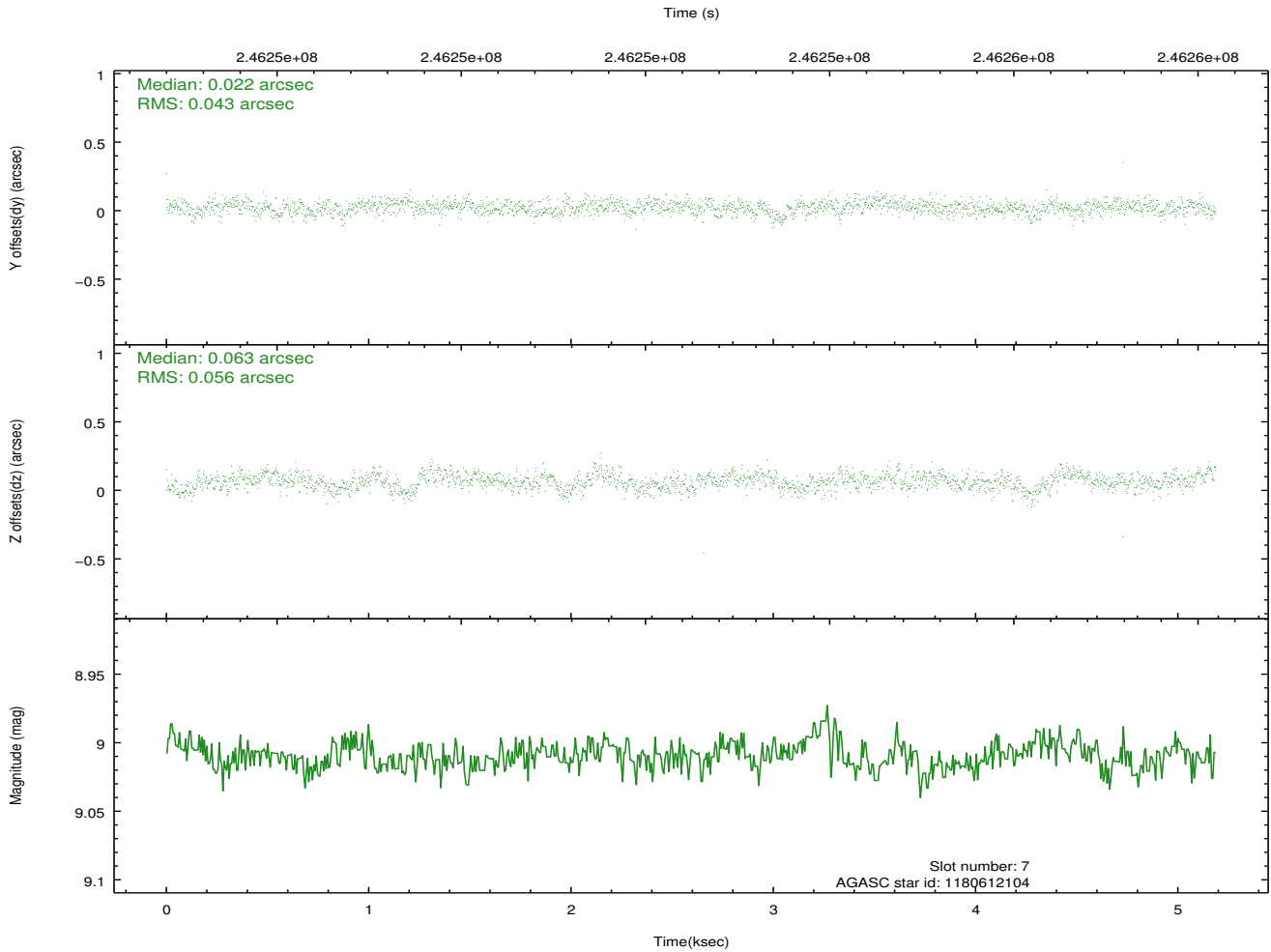
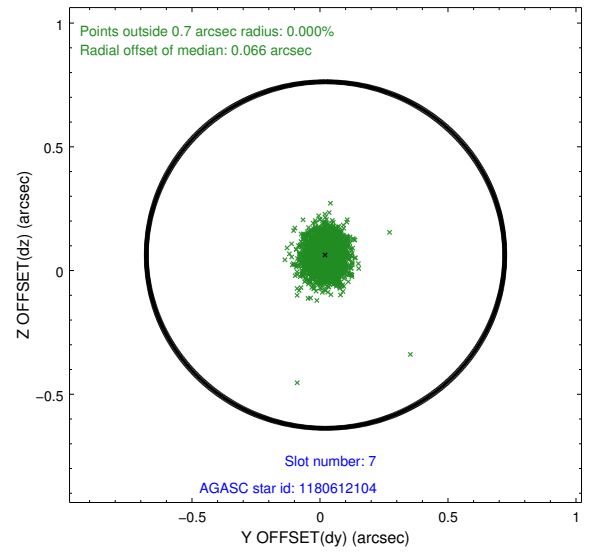
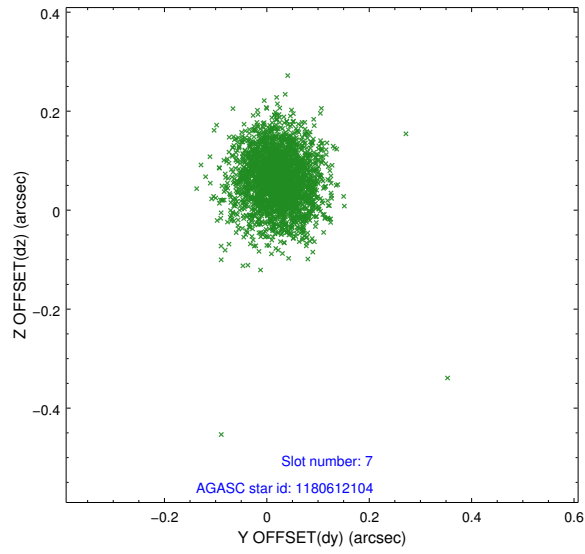
2.4.3 Slot 5



2.4.4 Slot 6

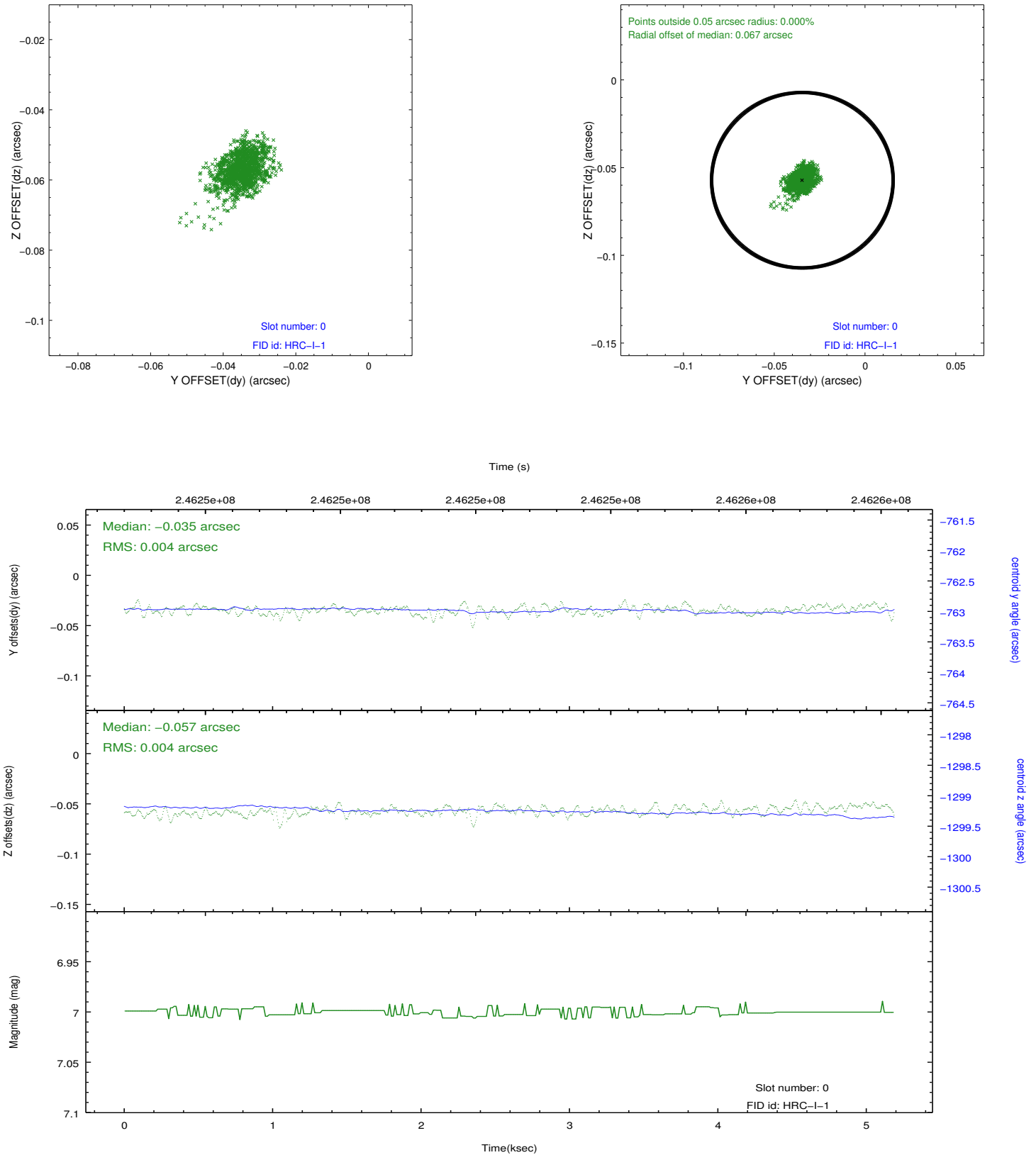


2.4.5 Slot 7

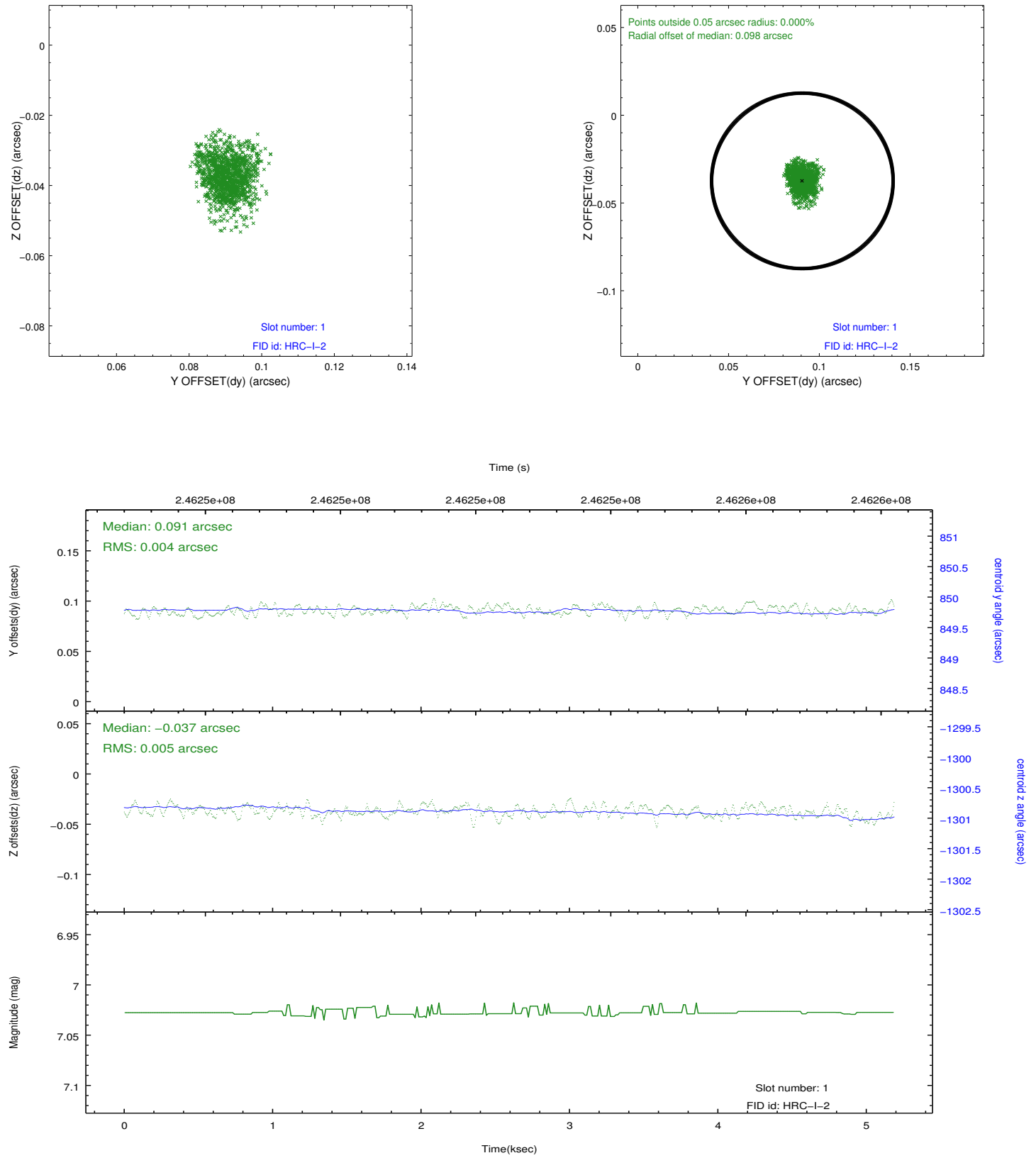


2.5 FID Slots

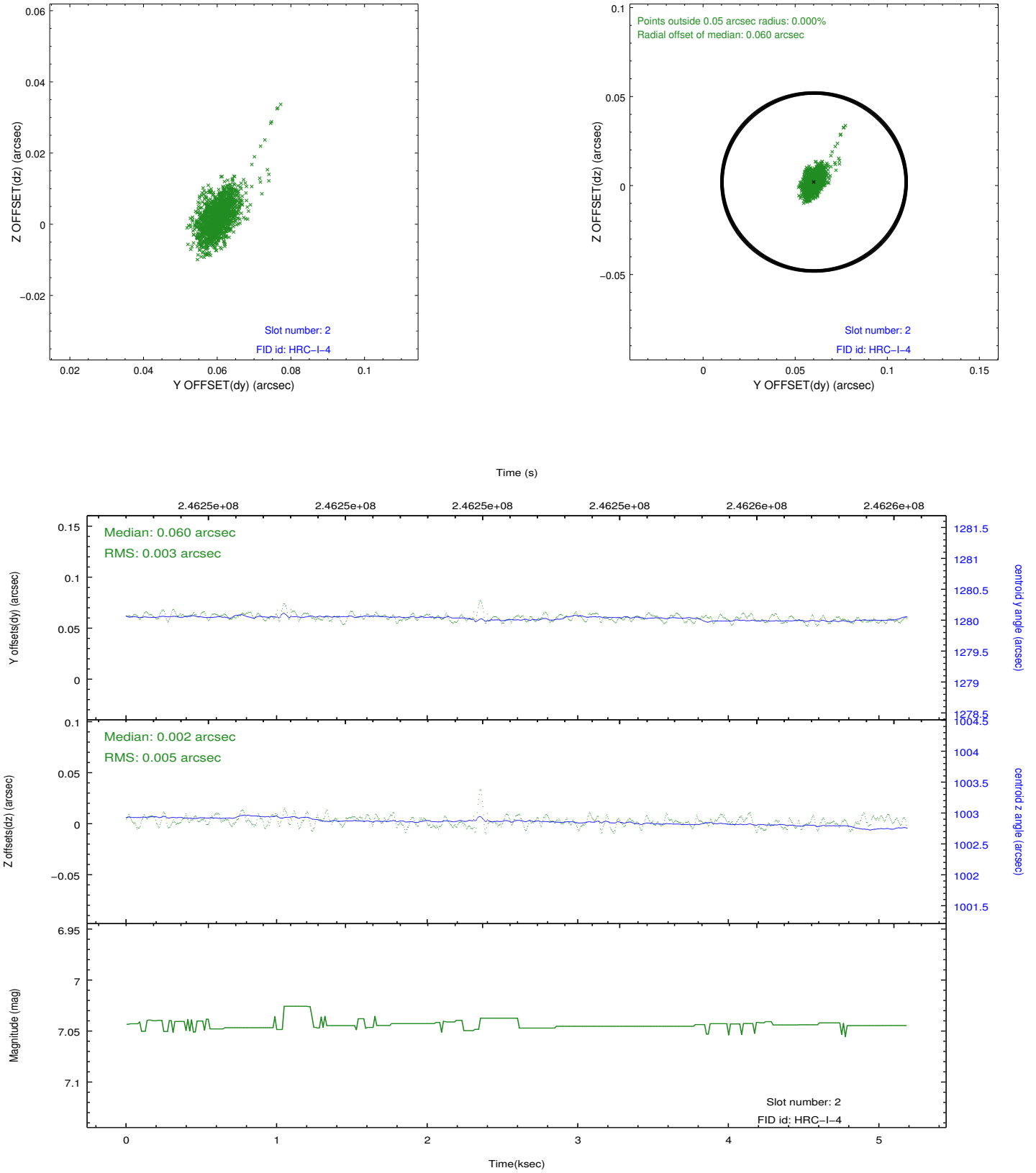
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.187781

A.2 Comments