

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6375 - L2 Version 5
Chandra X-Ray Center

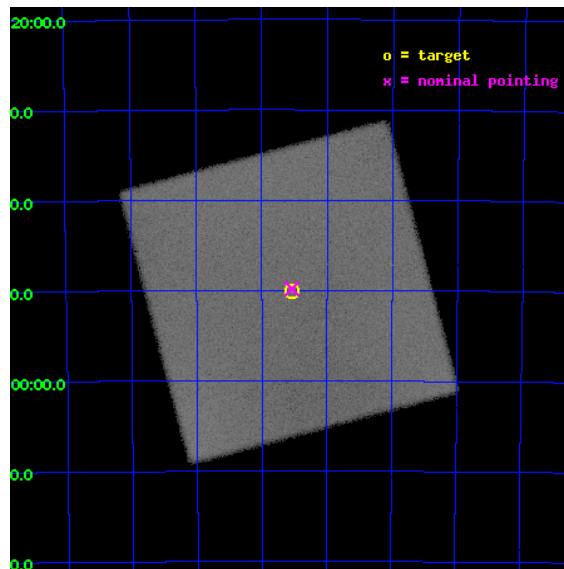
L2 Processing Date : Aug 11 2012

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1 Front

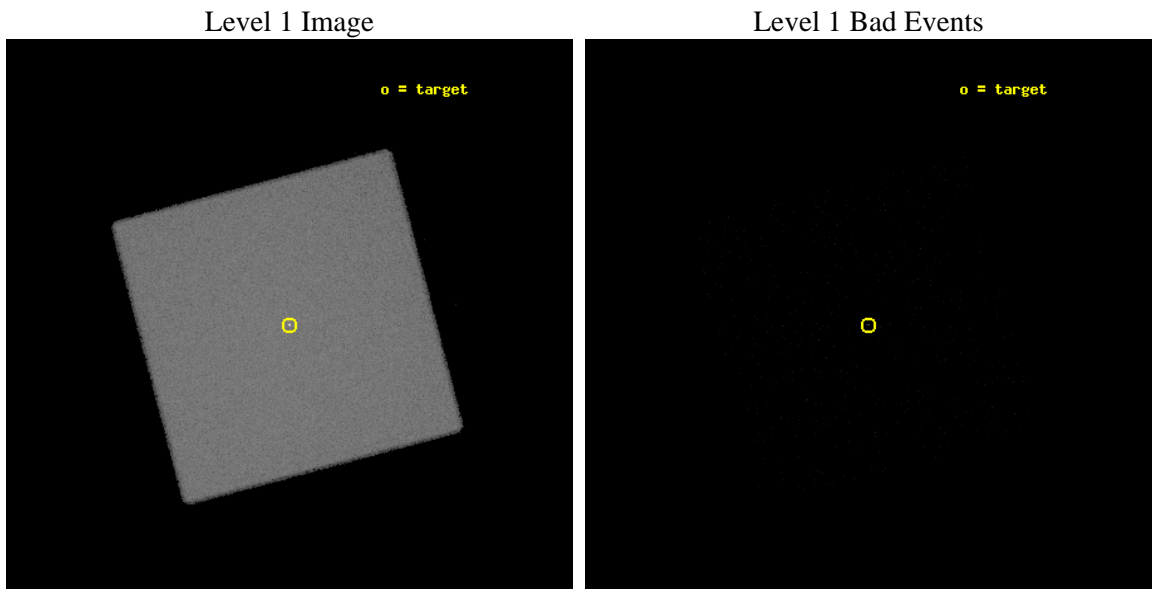
seq_num	200372	Sequence number
obs_id	6375	Observation id
title	HRC Imaging of the `Fainted' Primary of the Alpha Centauri System	
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.885833	Observer's specified target RA [deg]
dec_targ	-60.834889	Observer's specified target Dec [deg]
ra_nom	219.88448973518	Nominal RA [deg]
dec_nom	-60.830456555024	Nominal Dec [deg]
roll_nom	120.19387527254	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5150.8814937472	[s]
liveltime	2673.4820952668	Ontime multiplied by DTCOR
l2events	681030	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	3	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5150.8814937472	[s]
caldbver	4.5.1.1	 	l1events	1207334	Number of level 1 events
date	2012-08-11T15:57:35	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

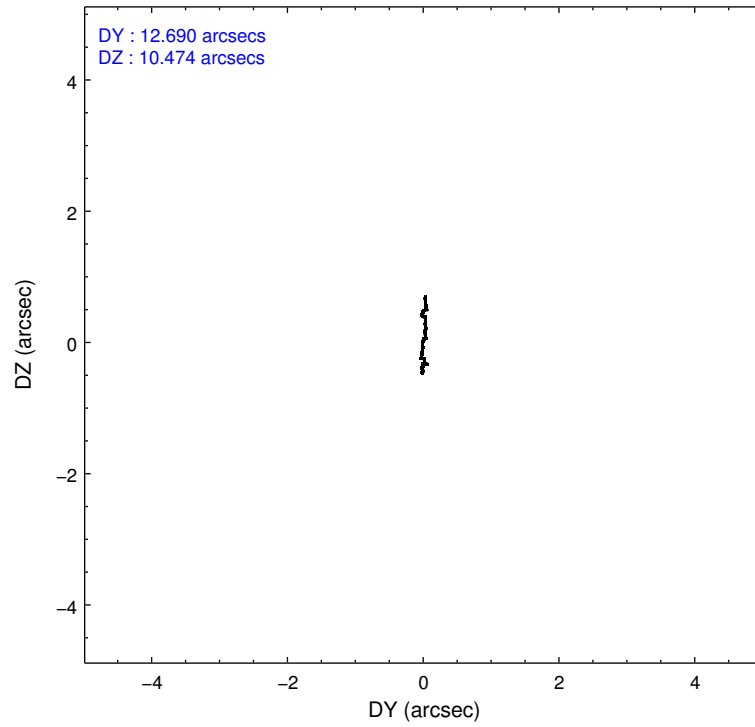
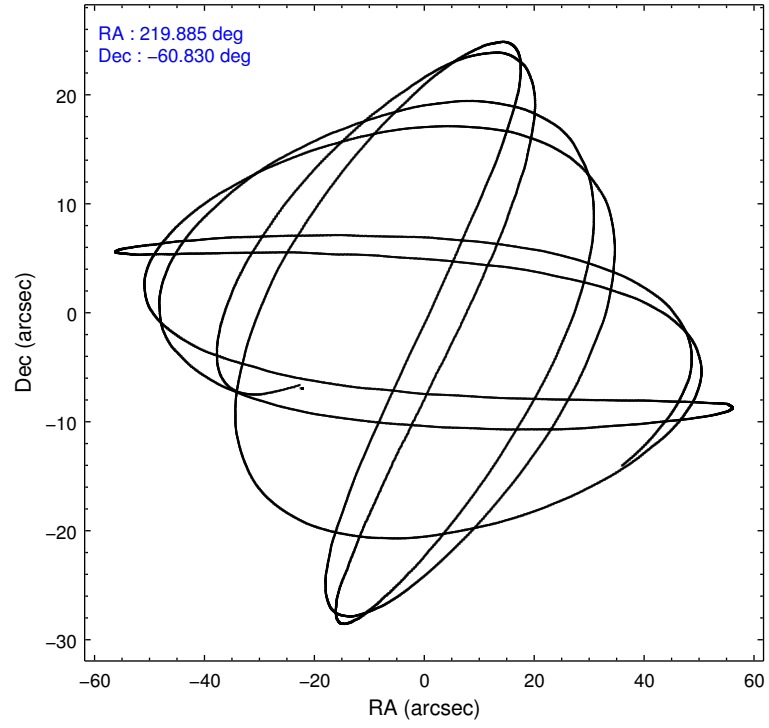
	segment 0
level 1 events	1207334
rejected events	258039
rejected %	21%

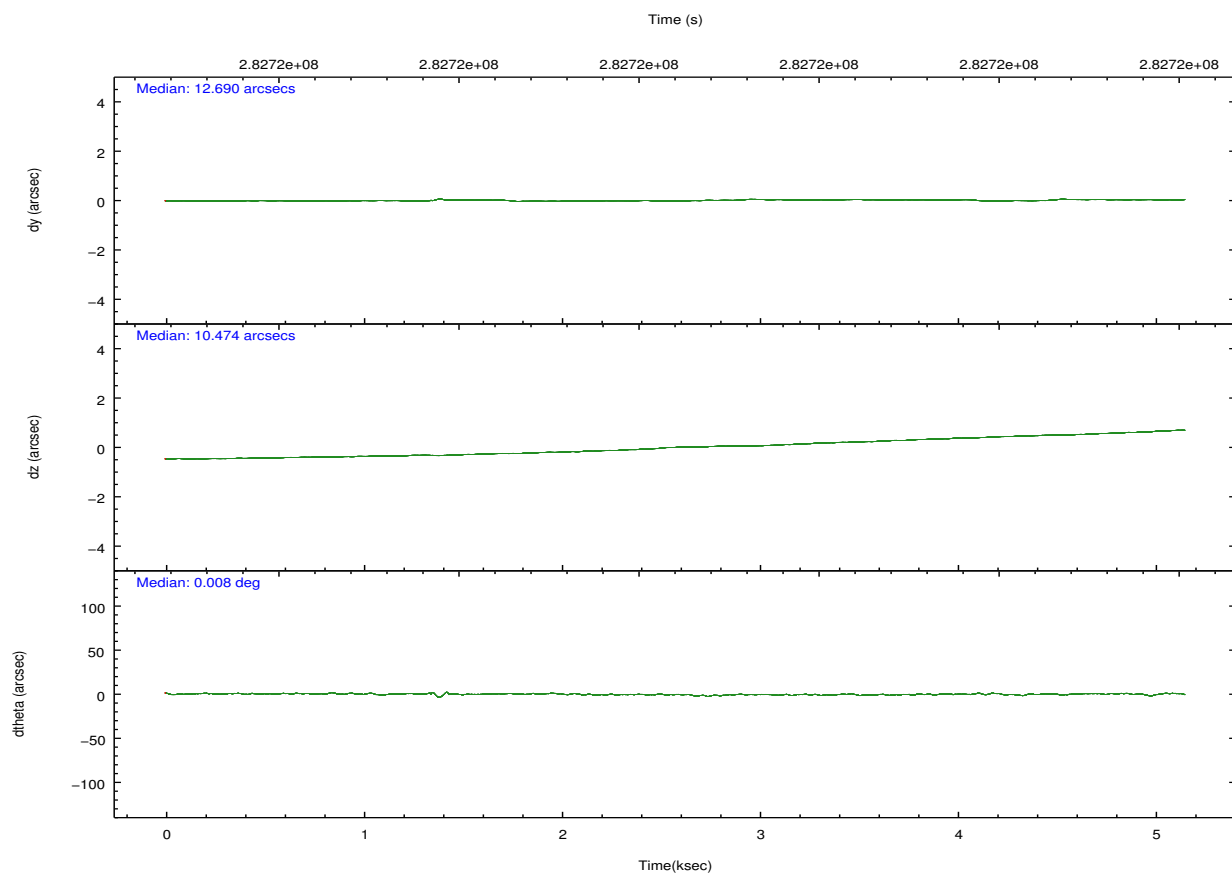
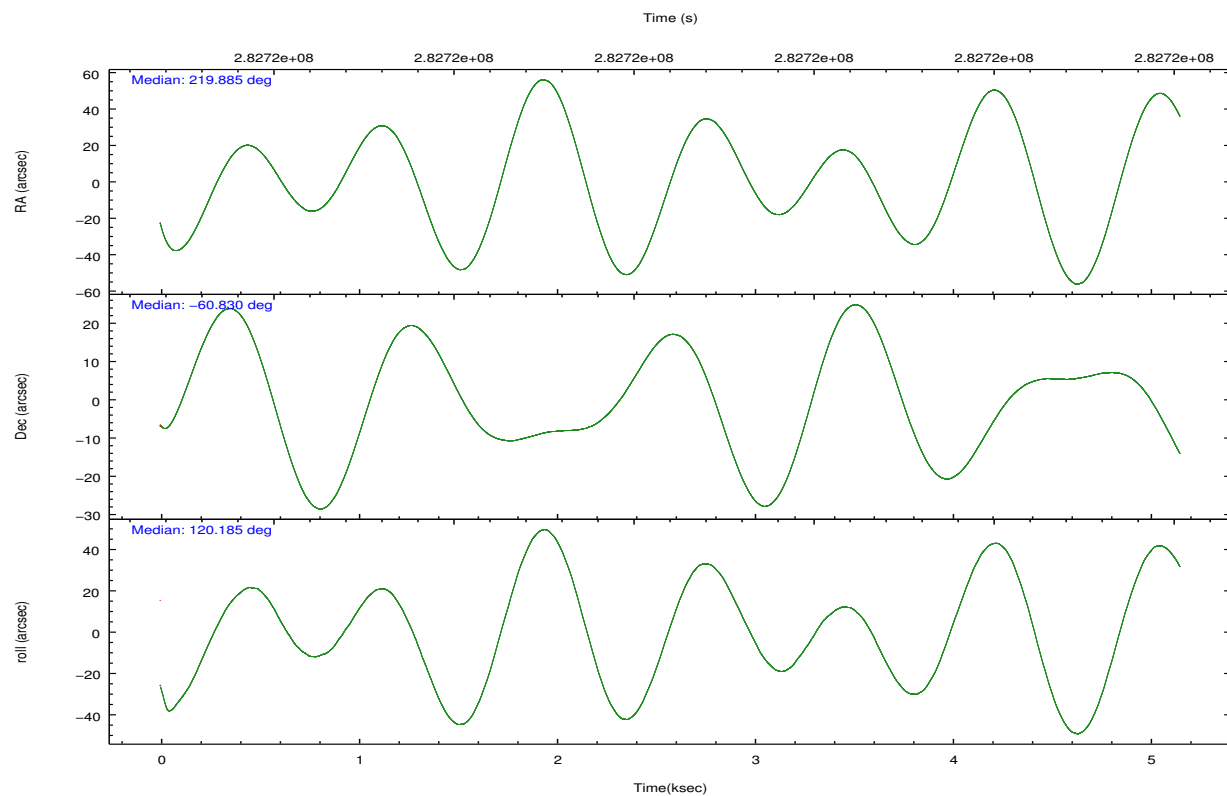
2.2 Compared Parameters

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	219.933619	219.8844897351775
[deg] Pointing Dec	-60.843684	-60.83045655502428
[deg] Pointing Roll	120.332289	120.1938752725353
[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)	282718769.184000	282717158.582
Observation start date	2006-12-17T04:58:24	2006-12-17T04:32:38
[s] Observation end time (MET)	282723769.184000	282724530.38235
Observation end date	2006-12-17T06:21:44	2006-12-17T06:35:30

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

2.3 Aspect



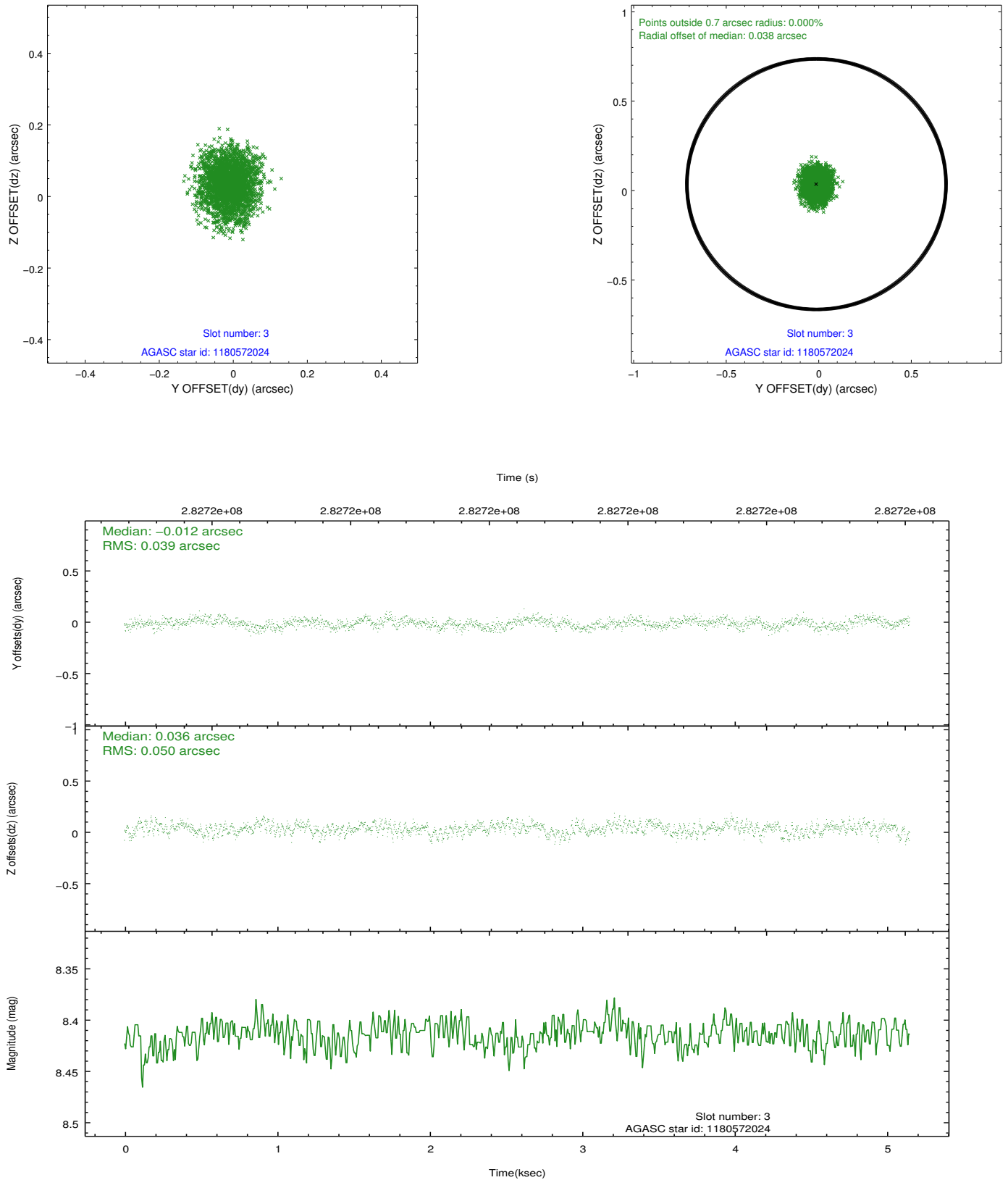


Slot Statistics

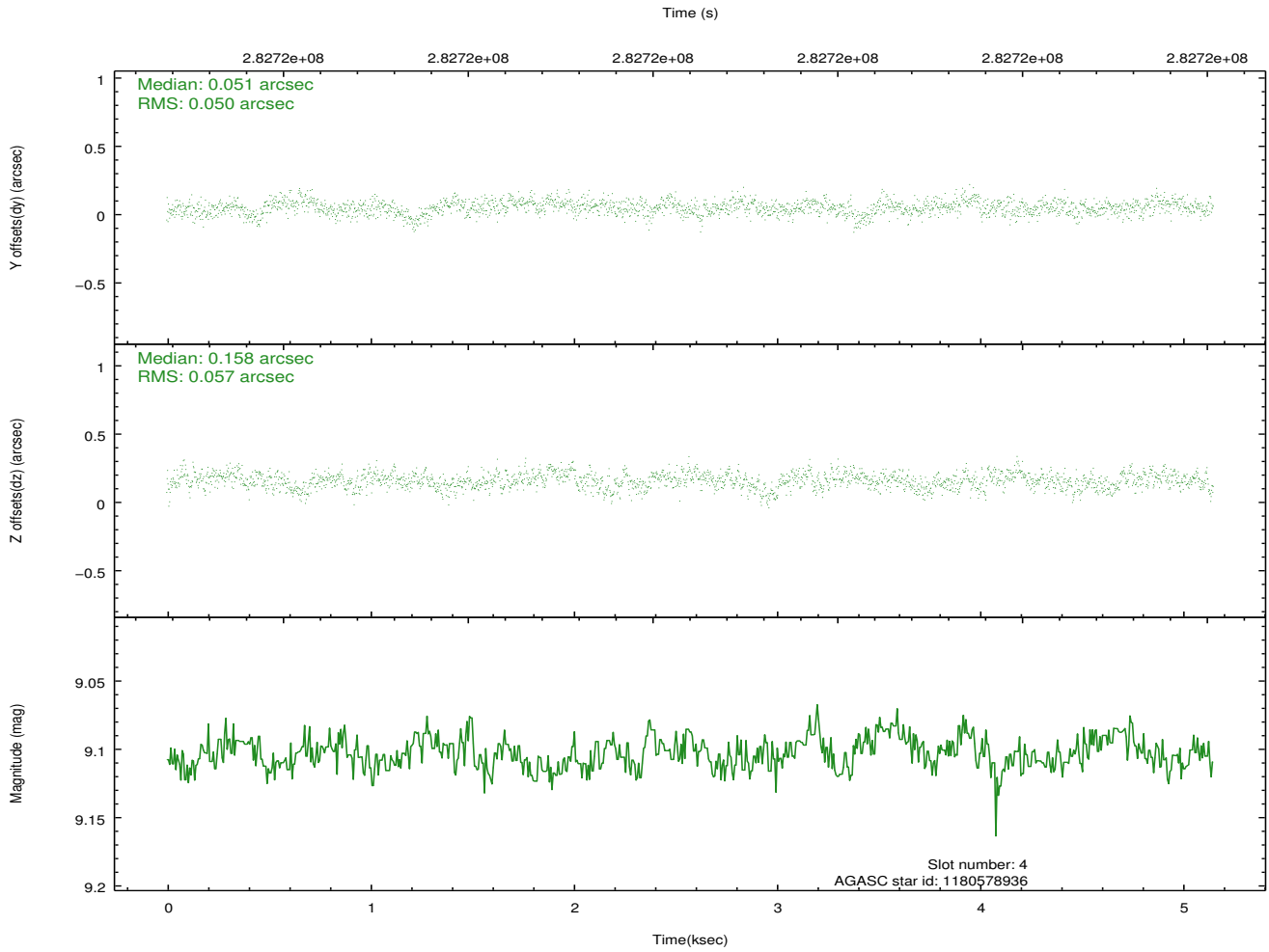
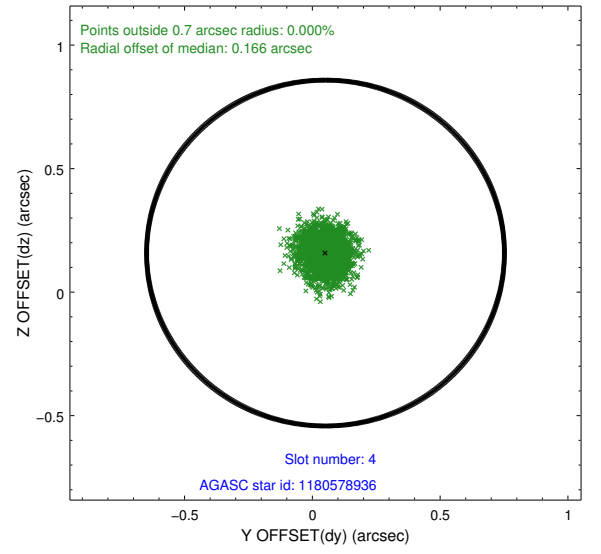
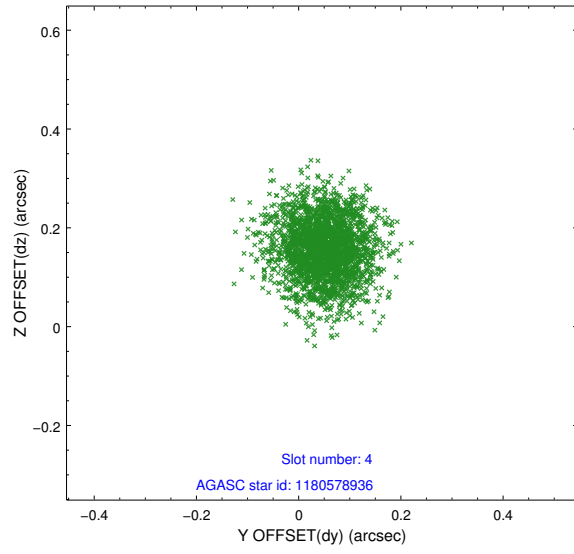
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1257	-0.067	0.016	0.009	0.014	0.000000	0.000000	-768.49	-1298.43
1	FID	HRC-I-2	7.01	1257	0.168	-0.065	0.007	0.013	0.000000	0.000000	843.77	-1301.09
2	FID	HRC-I-3	7.05	1257	0.018	-0.040	0.011	0.018	0.000000	0.000000	-1196.25	1005.03
3	GUIDE	1180572024	8.41	2513	-0.012	0.036	0.068	0.109	220.930377	-60.981487	-1319.02	-1244.36
4	GUIDE	1180578936	9.10	2512	0.051	0.158	0.081	0.133	220.919358	-61.155393	-1845.11	-904.09
5	GUIDE	1180579504	9.60	2485	-0.014	-0.100	0.112	0.182	219.500103	-61.658654	-2161.94	2122.76
6	GUIDE	1180589152	9.28	2513	0.065	-0.162	0.085	0.138	219.760705	-61.382926	-1526.91	1239.32
7	GUIDE	1180612104	8.99	2512	-0.088	0.074	0.081	0.132	220.502279	-60.631704	146.83	-1248.17

2.4 Star Slots

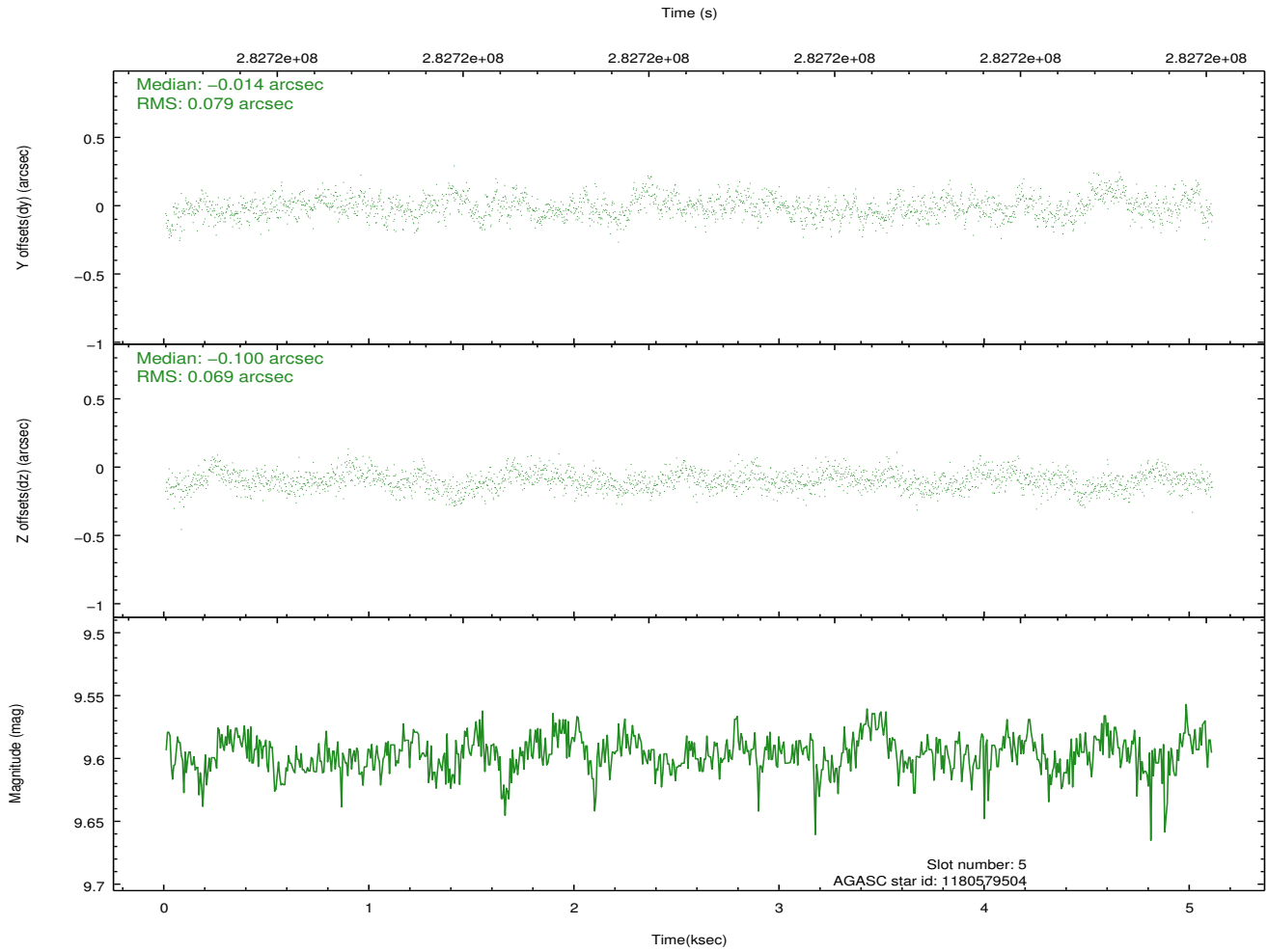
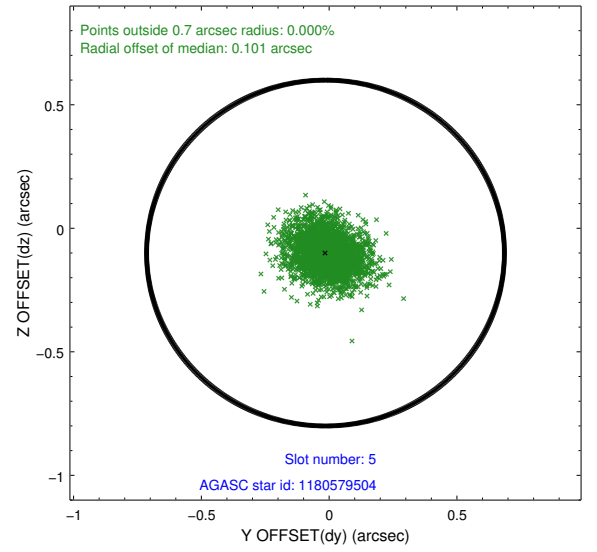
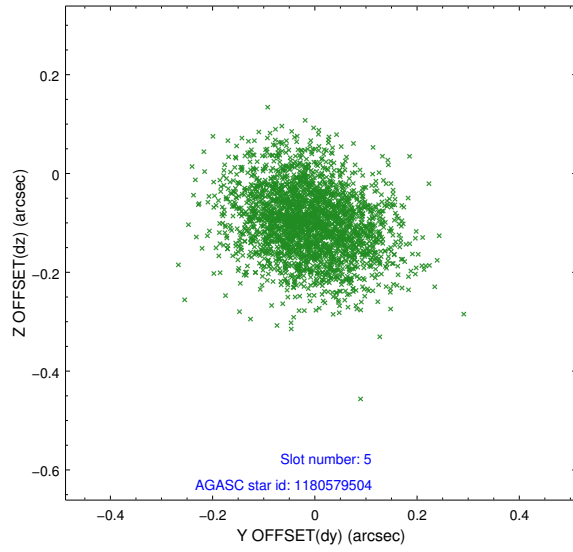
2.4.1 Slot 3



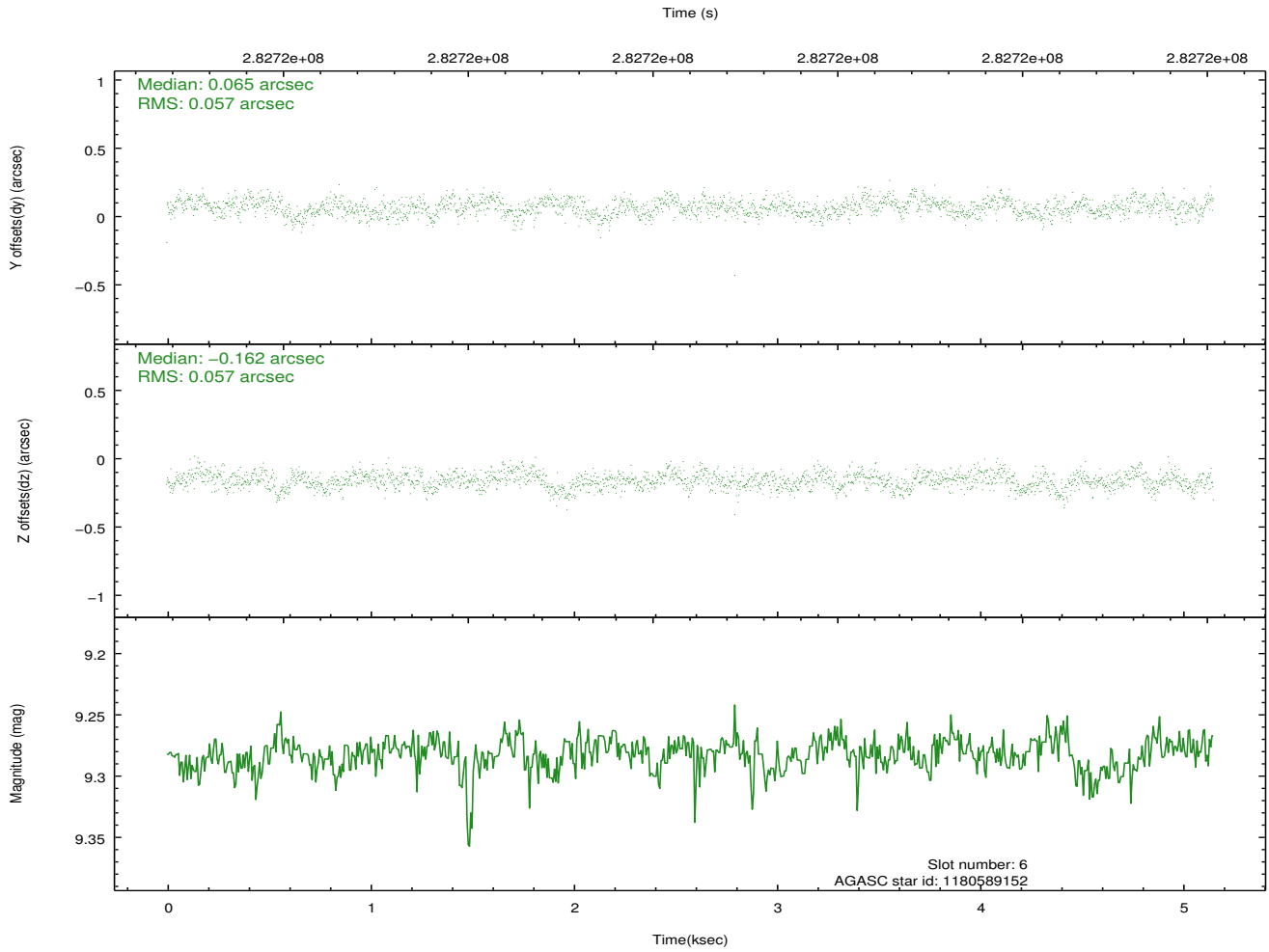
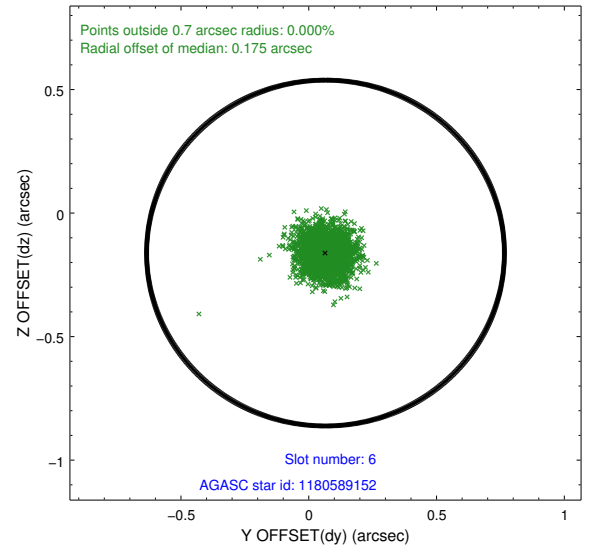
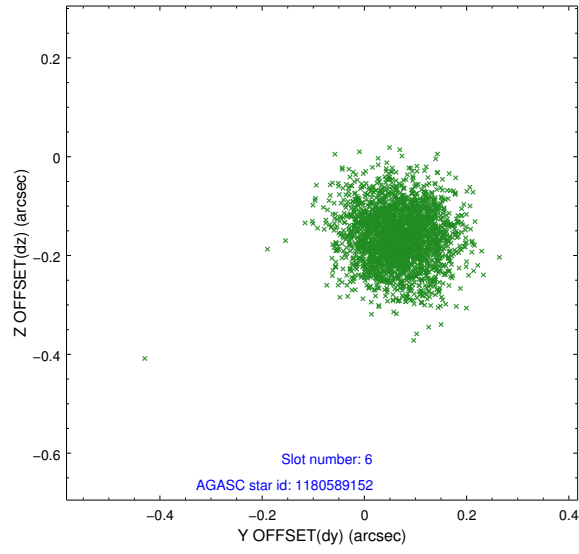
2.4.2 Slot 4



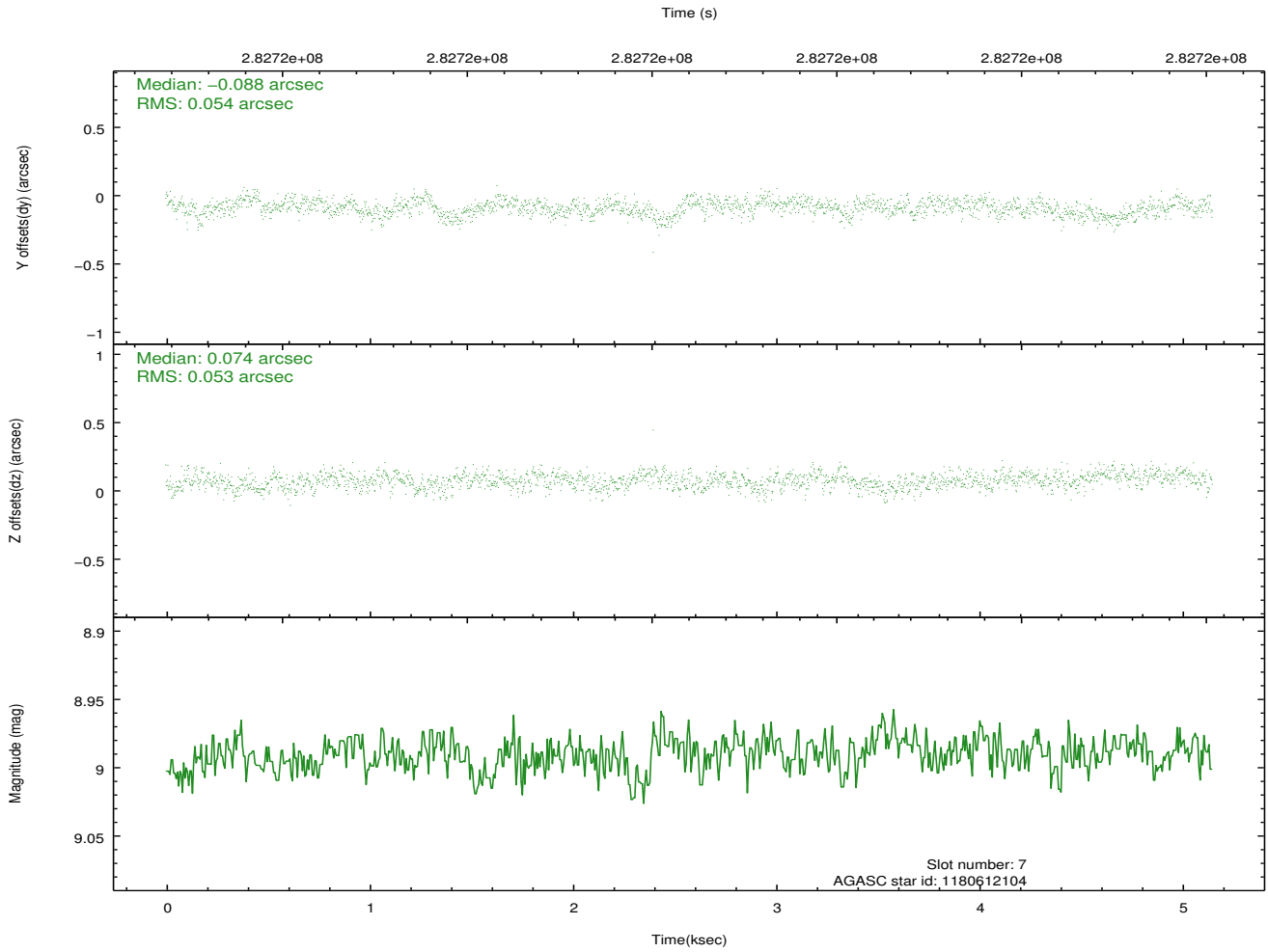
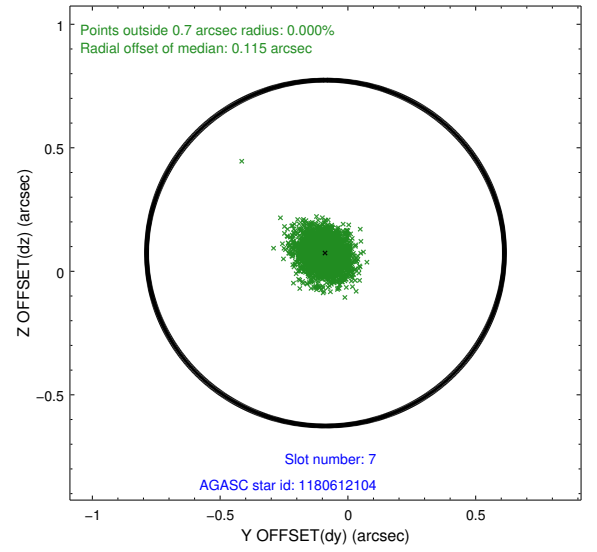
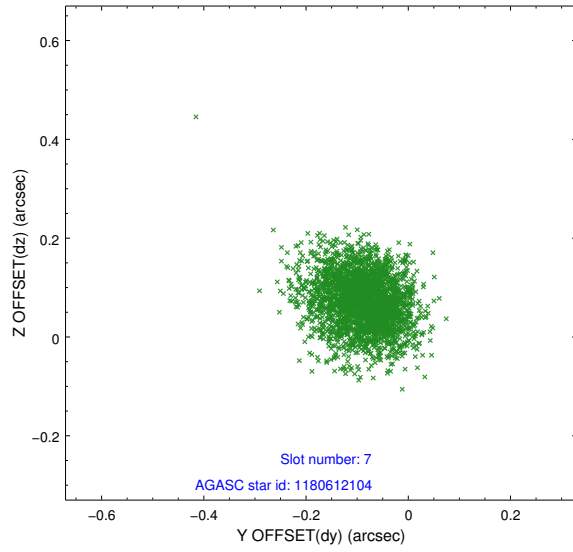
2.4.3 Slot 5



2.4.4 Slot 6

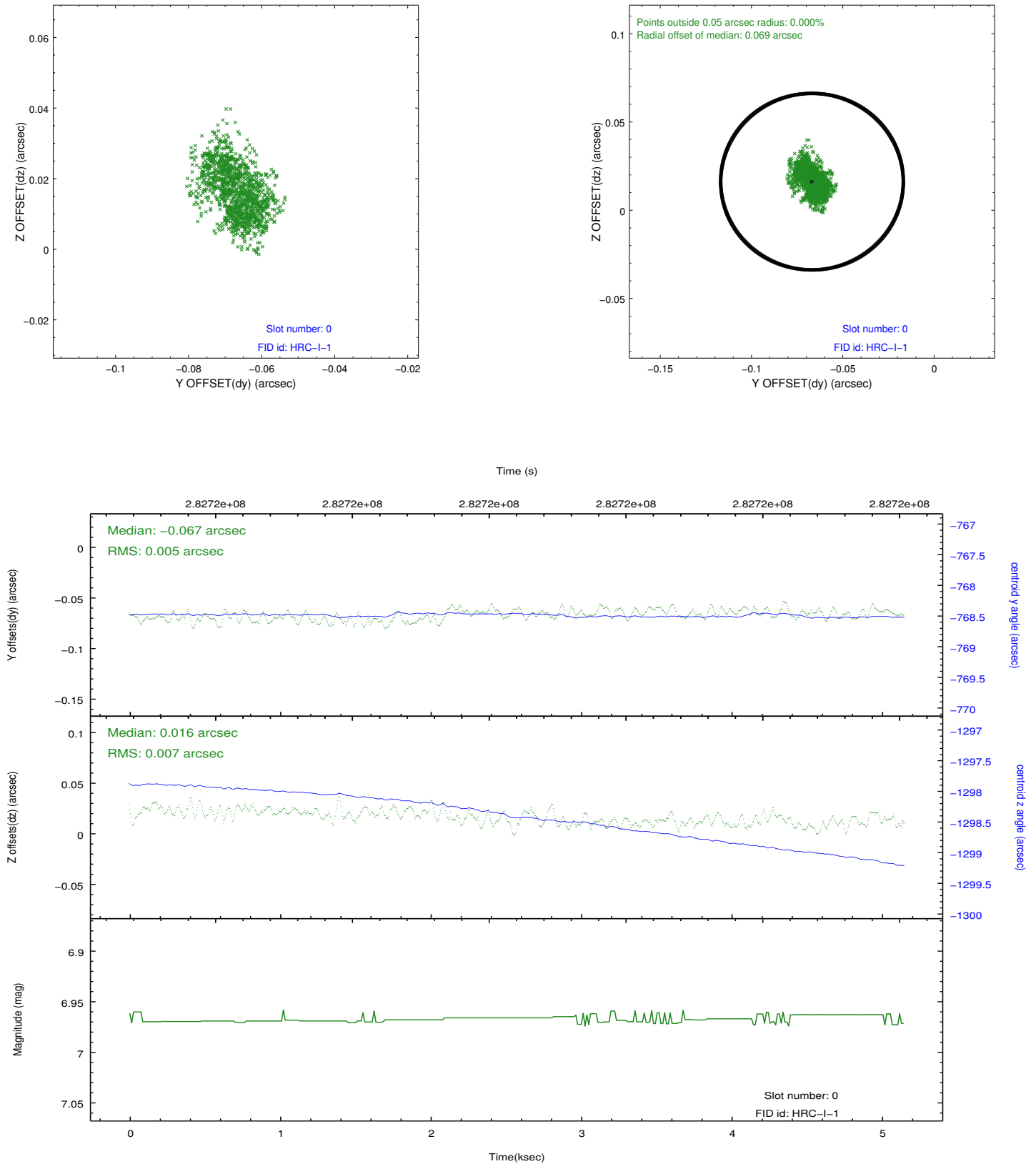


2.4.5 Slot 7

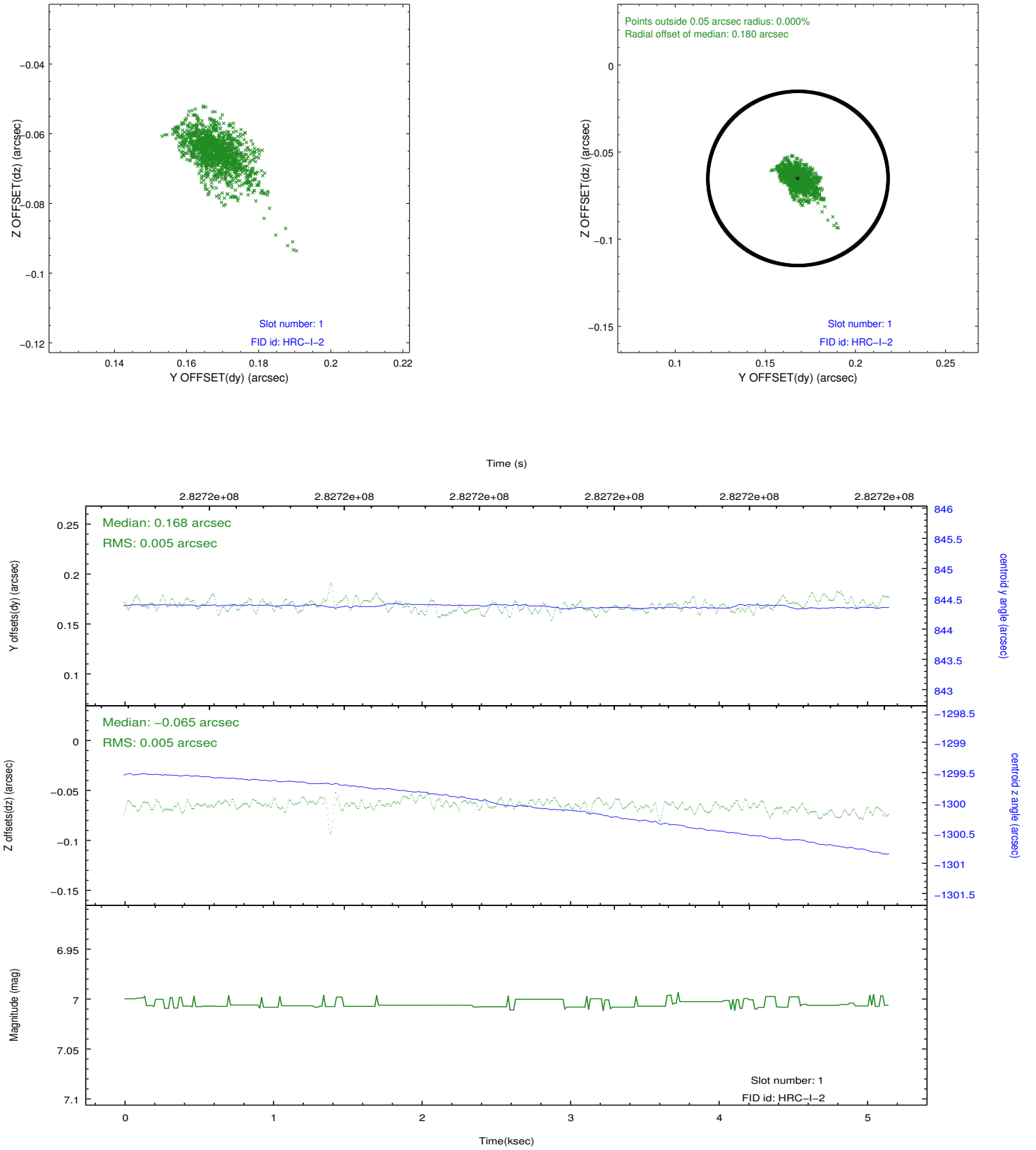


2.5 FID Slots

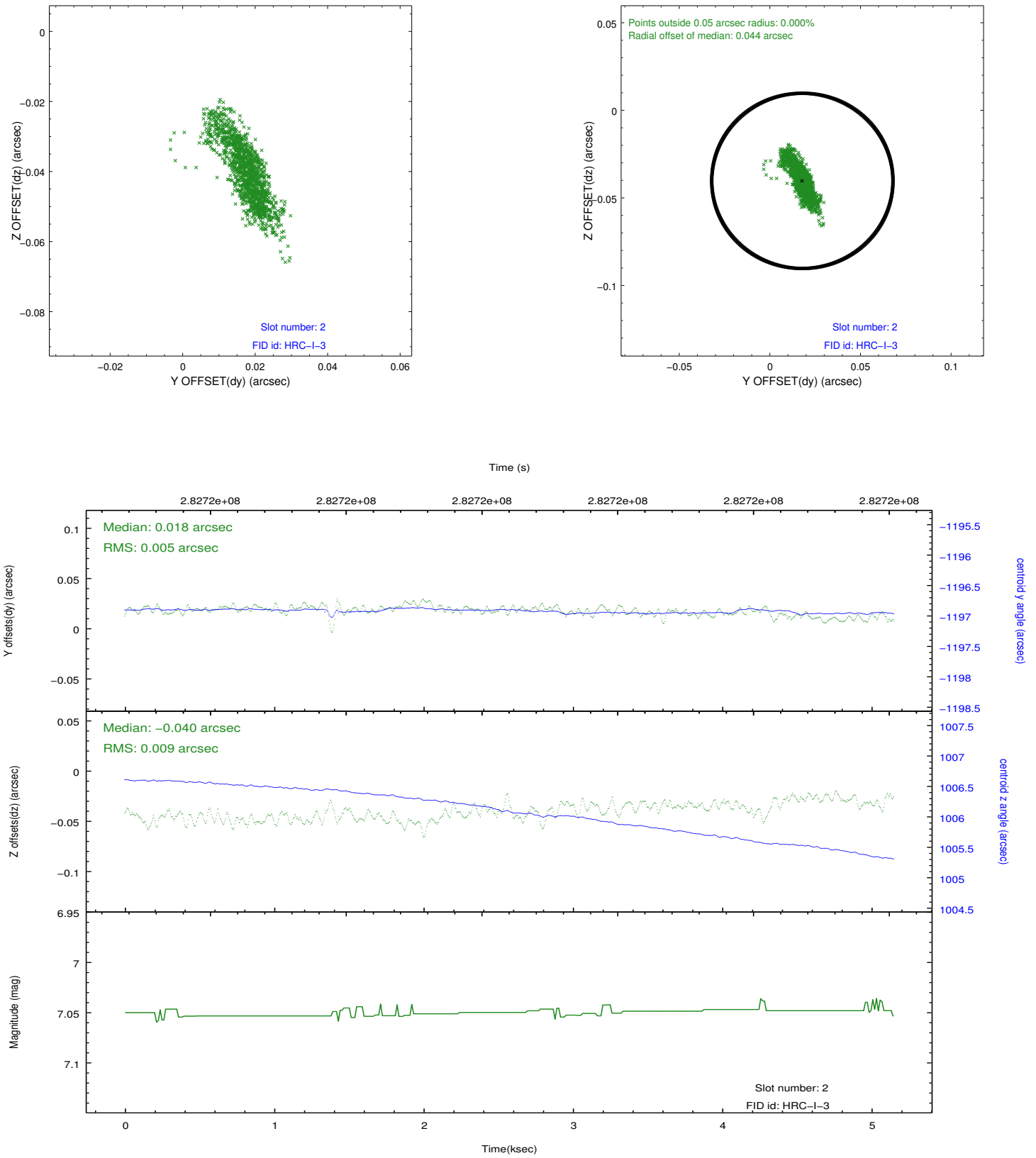
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.15088149

A.2 Comments