

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1980 - L2 Version 5
Chandra X-Ray Center

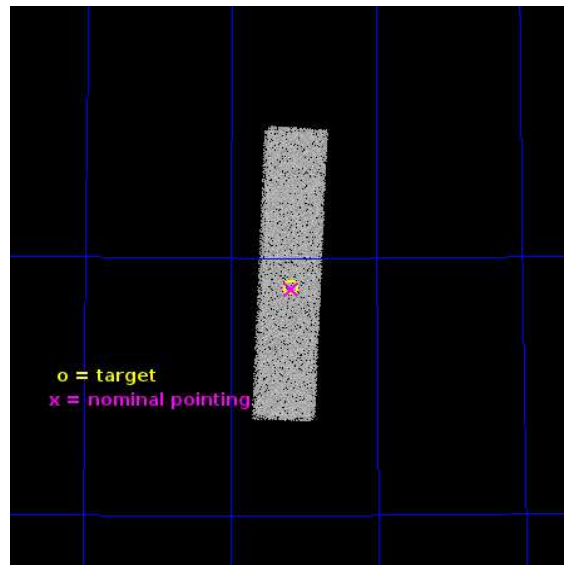
L2 Processing Date : Jun 28 2013

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1 Front

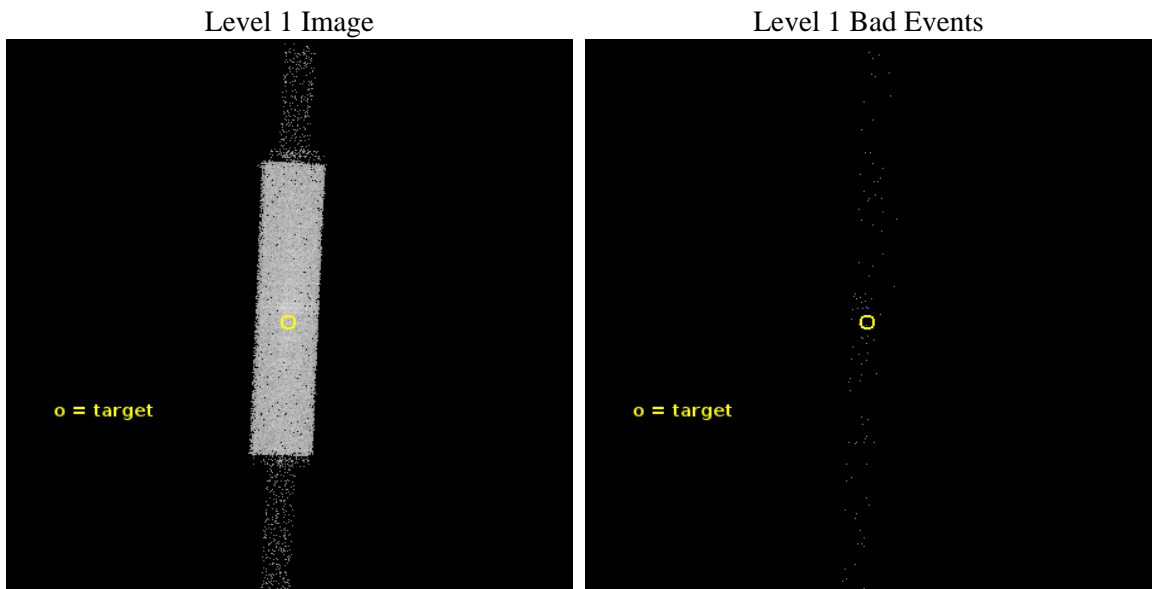
seq_num	500157	Sequence number
obs_id	1980	Observation id
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXSJ1639+5656	Source name
ra_targ	249.794583	Observer's specified target RA [deg]
dec_targ	56.943611	Observer's specified target Dec [deg]
ra_nom	249.79258176902	Nominal RA [deg]
dec_nom	56.939118533293	Nominal Dec [deg]
roll_nom	272.34261838757	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1142.1062951386	[s]
livetime	1138.5551534678	Ontime multiplied by DTCOR
l2events	33936	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	10	Processing system revision	ontime	1142.1062951386	[s]
caldbver	4.5.7	 	l1events	76980	Number of level 1 events
date	2013-06-28T23:17:53	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

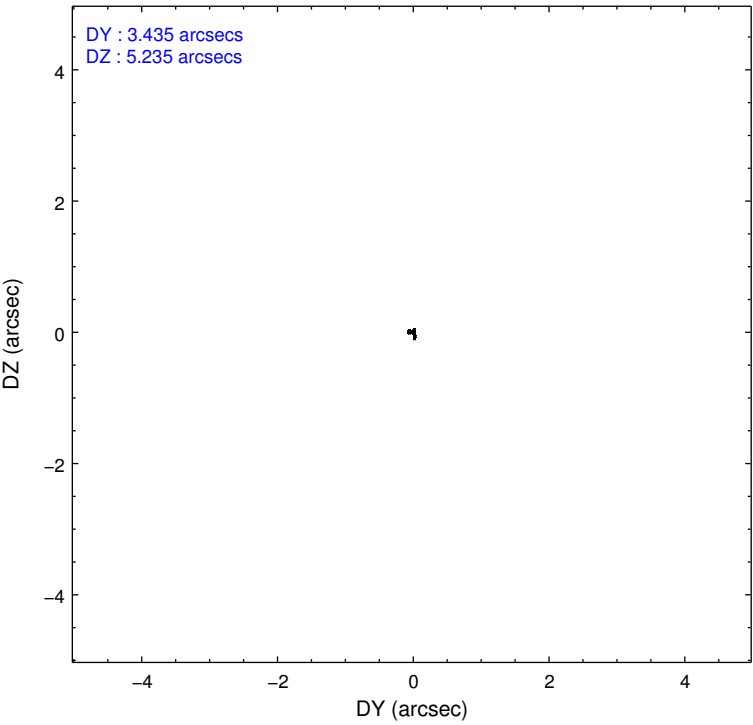
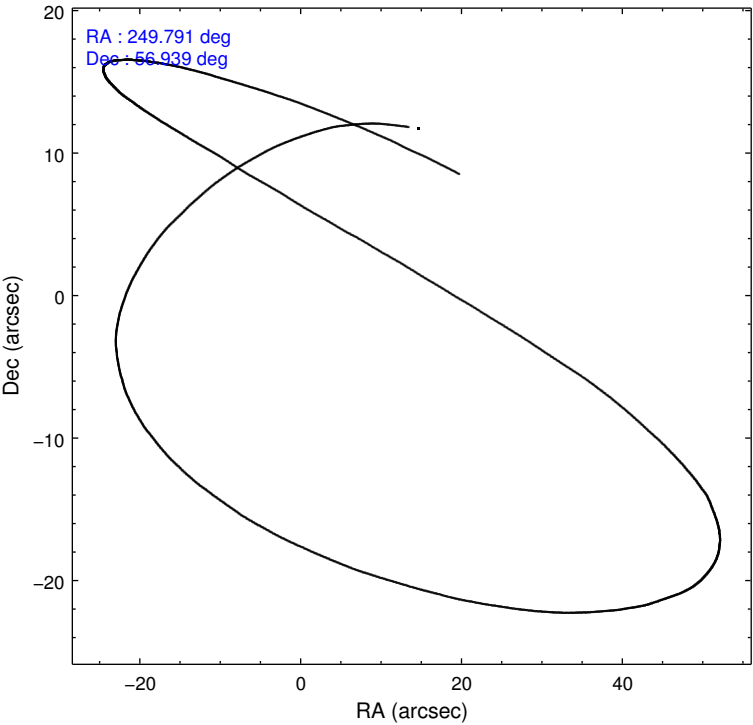
	segment 1	segment 2	segment 3
level 1 events	1992	73180	1808
rejected events	1901	21484	1807
rejected %	95%	29%	99%

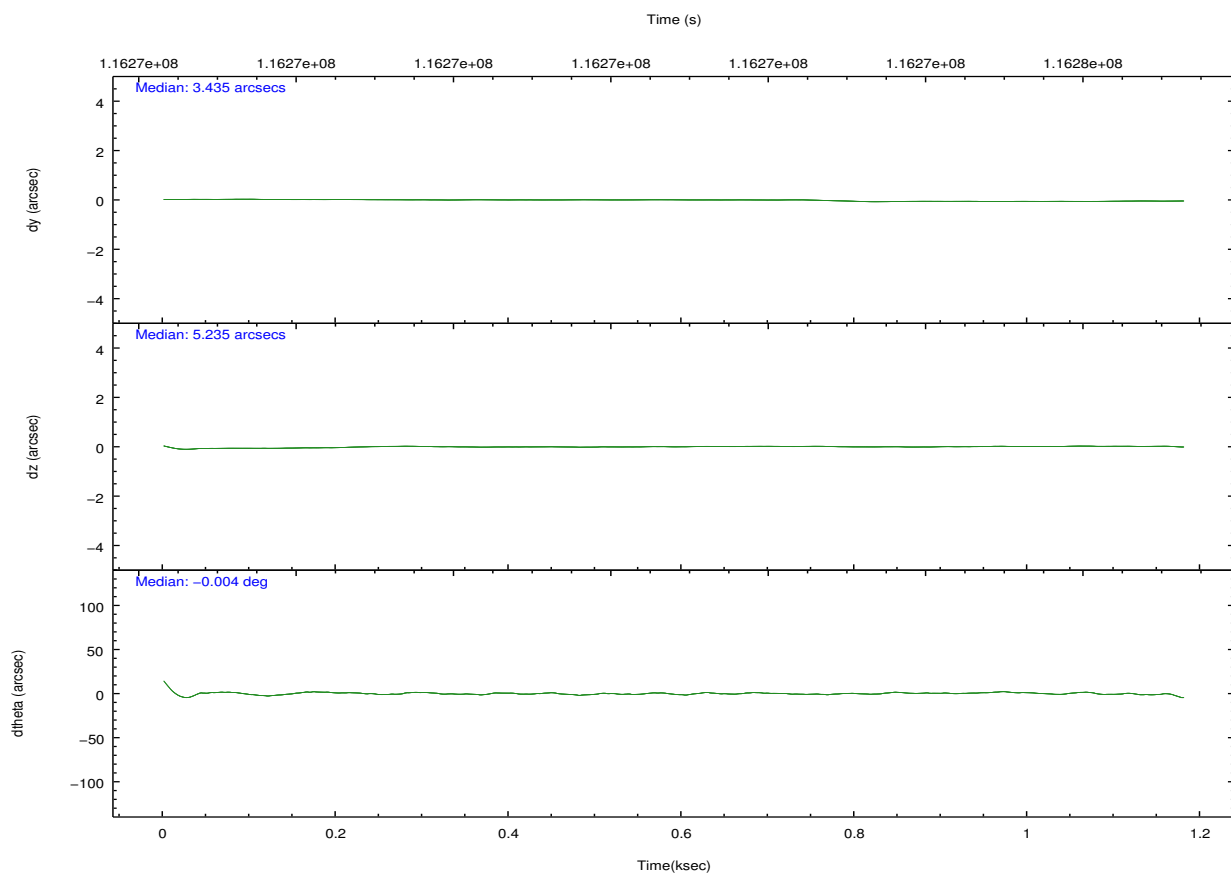
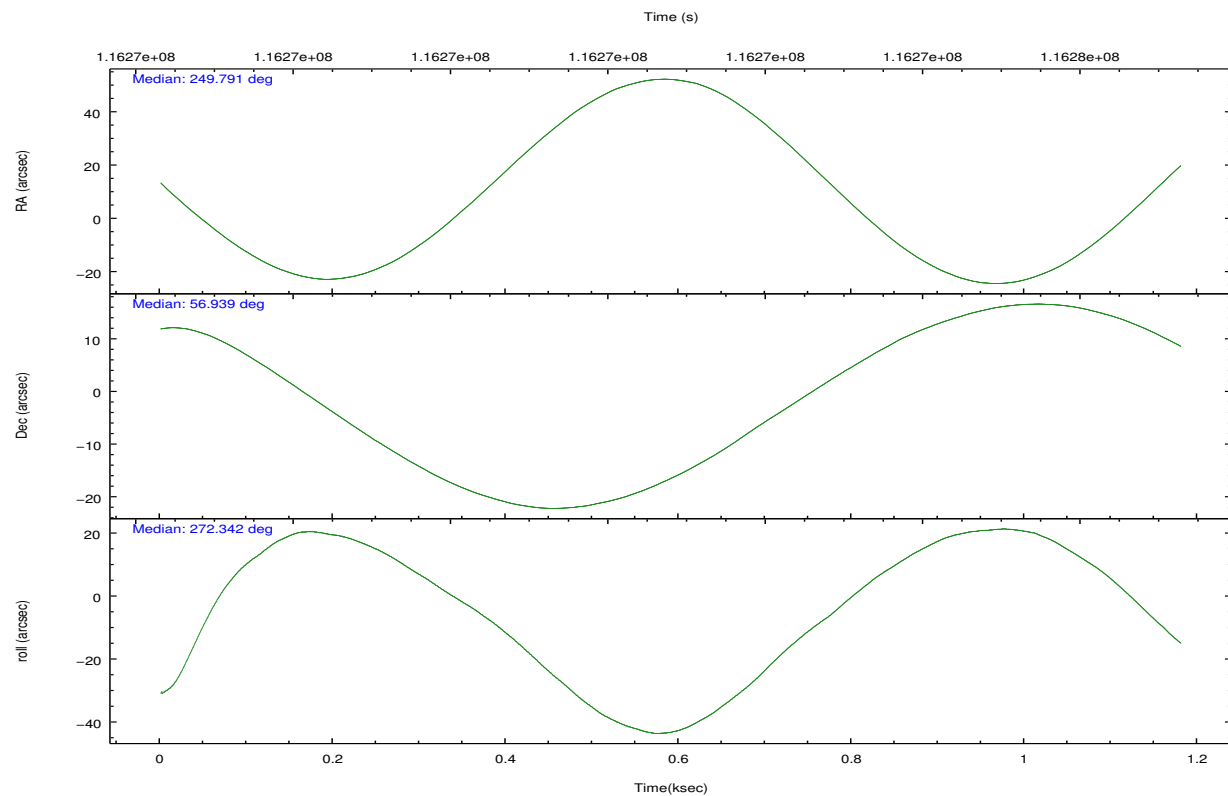
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	249.764456	249.7925817690218
[deg] Pointing Dec	56.962317	56.93911853329296
[deg] Pointing Roll	272.299102	272.3426183875668
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	116274070.184000	116273425.72772
Observation start date	2001-09-07T18:20:06	2001-09-07T18:10:25
[s] Observation end time (MET)	116275070.184000	116276658.06535
Observation end date	2001-09-07T18:36:46	2001-09-07T19:04:18

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

2.3 Aspect



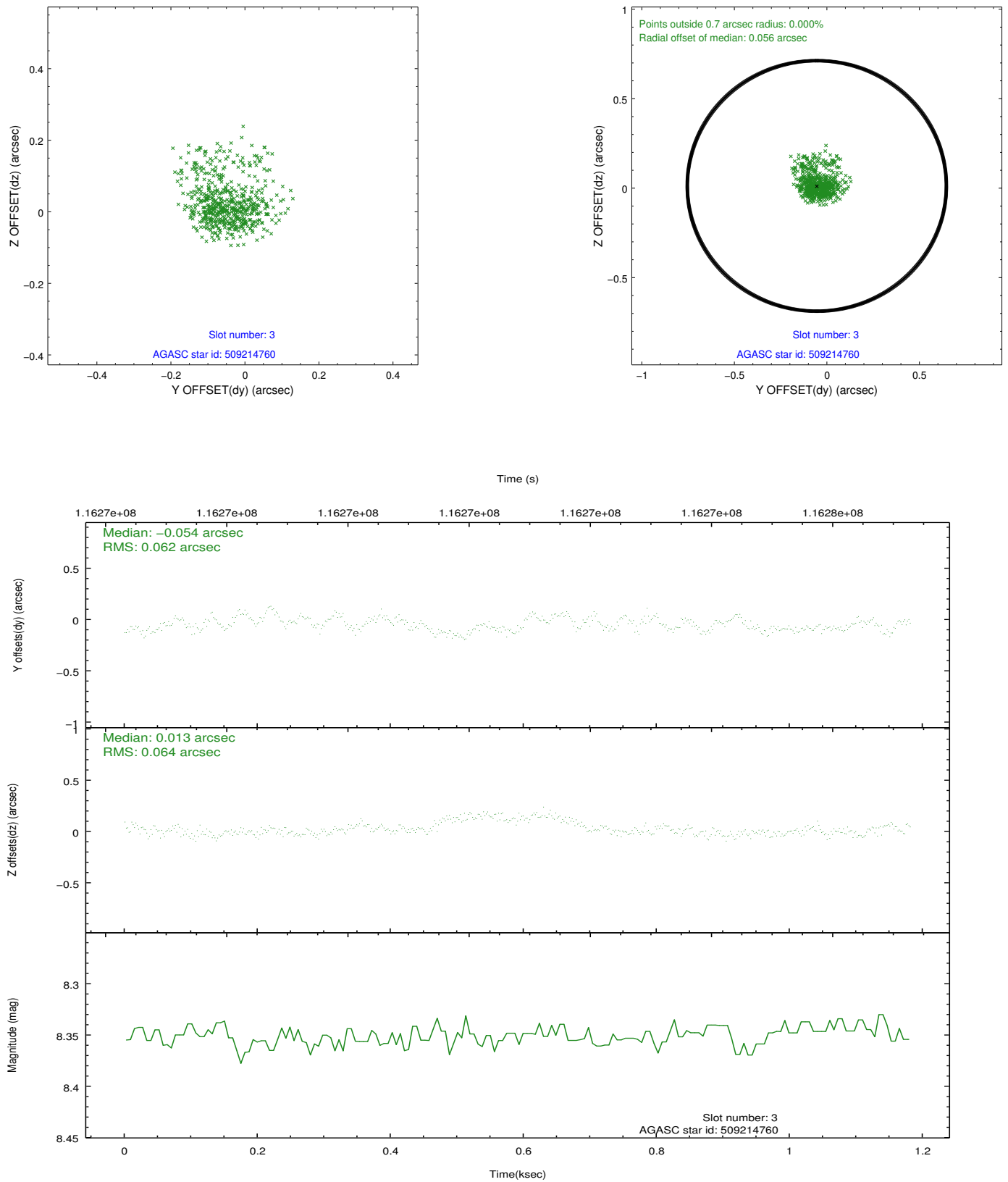


Slot Statistics

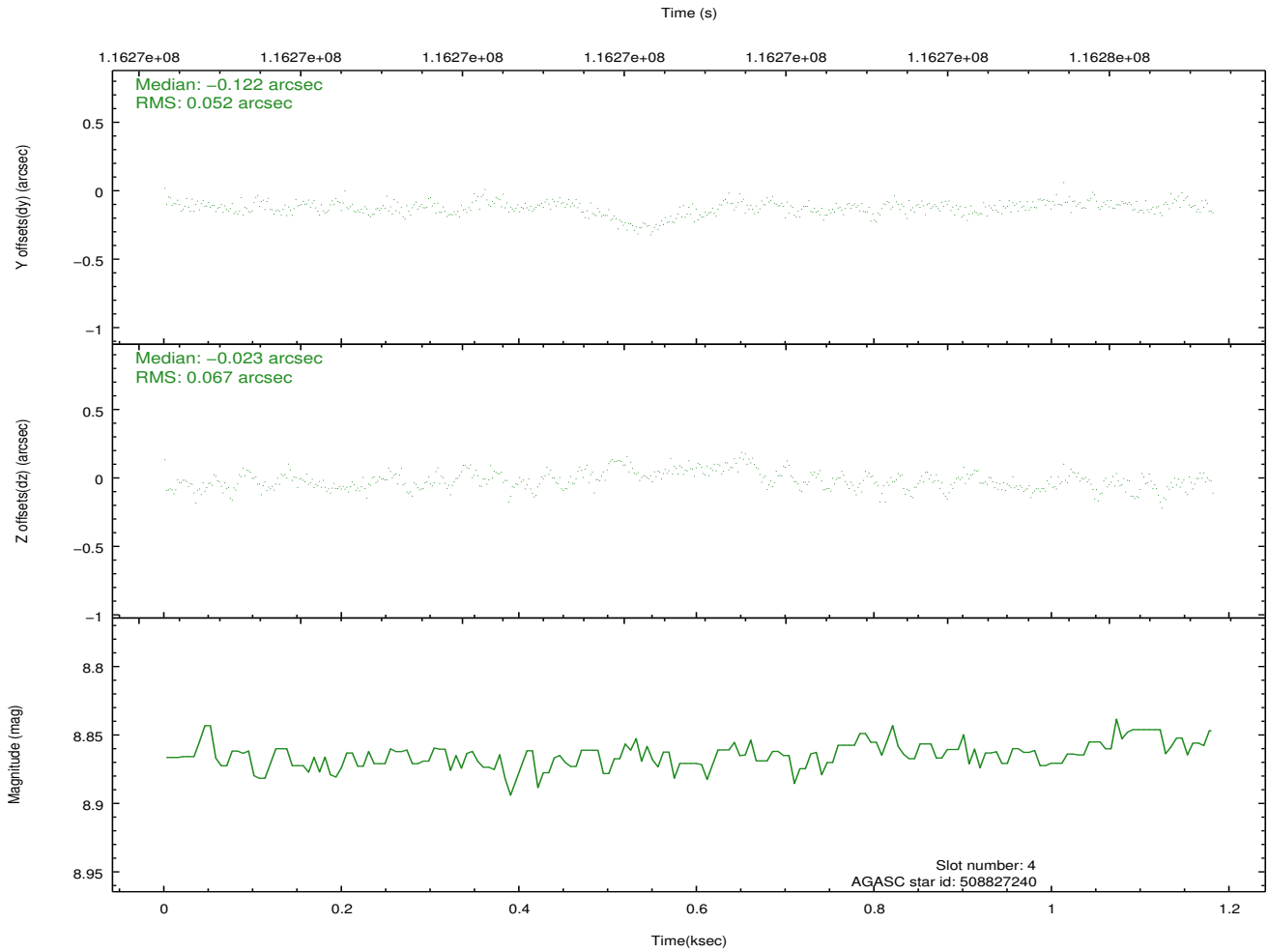
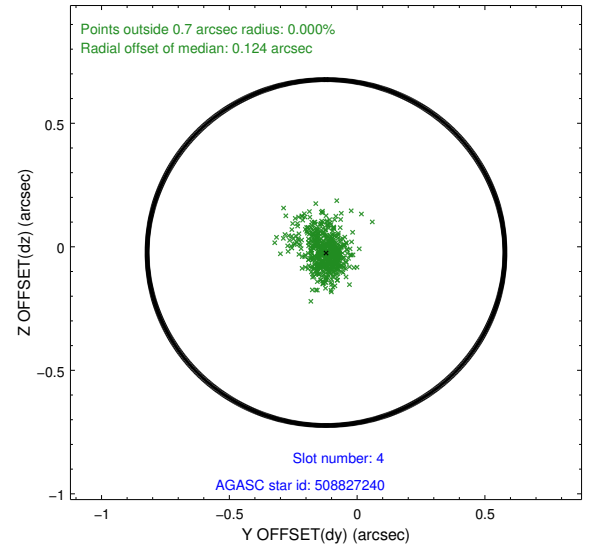
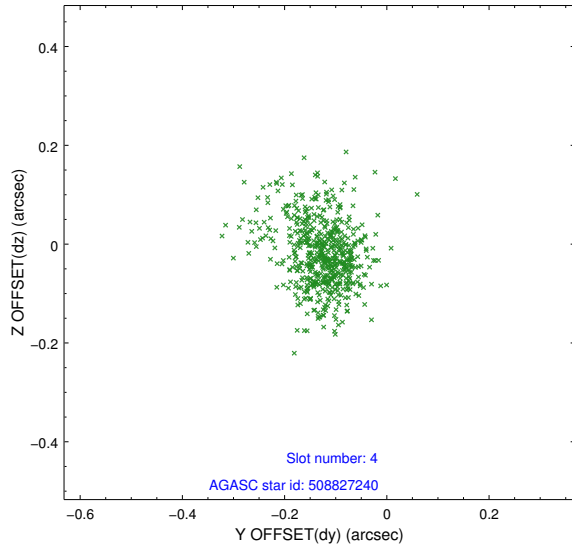
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	288	0.133	-0.154	0.005	0.010	0.000000	0.000000	-1157.46	-453.77
1	FID	HRC-S-3	6.99	288	0.148	-0.042	0.006	0.011	0.000000	0.000000	-1164.20	574.28
2	FID	HRC-S-4	7.01	288	0.107	-0.101	0.006	0.011	0.000000	0.000000	1236.69	580.39
3	GUIDE	509214760	8.35	577	-0.054	0.013	0.090	0.164	250.589992	57.556199	-2081.32	1682.86
4	GUIDE	508827240	8.86	577	-0.122	-0.023	0.085	0.161	249.041117	57.322909	-1363.46	-1345.48
5	GUIDE	508825920	9.79	575	0.021	-0.014	0.107	0.191	250.175266	57.311975	-1229.77	849.90
6	GUIDE	508829928	10.00	574	0.104	0.017	0.138	0.228	249.766112	56.499104	1665.21	-58.33
7	GUIDE	508826184	10.02	576	0.044	0.039	0.143	0.539	249.122472	57.349148	-1443.63	-1186.33

2.4 Star Slots

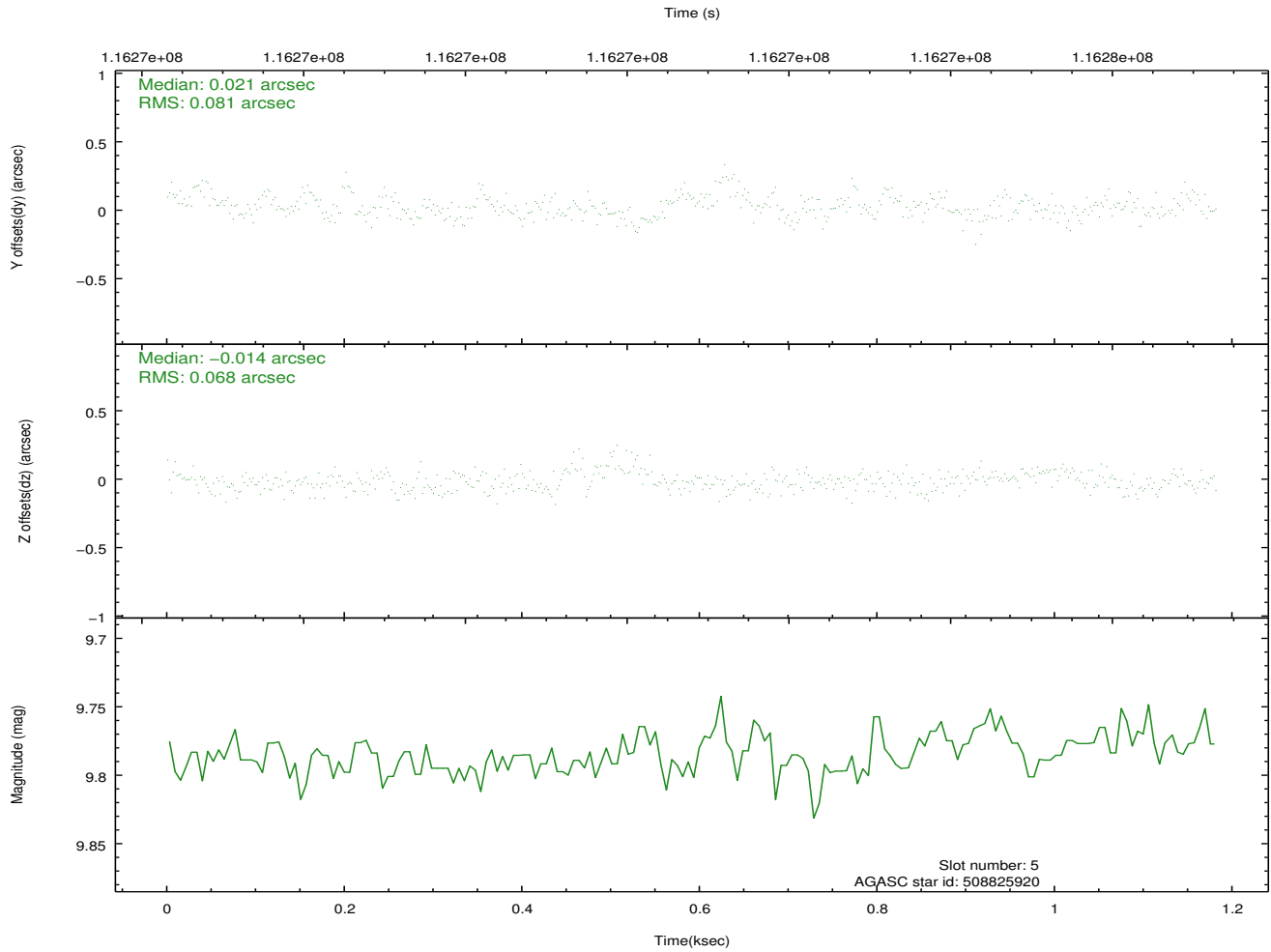
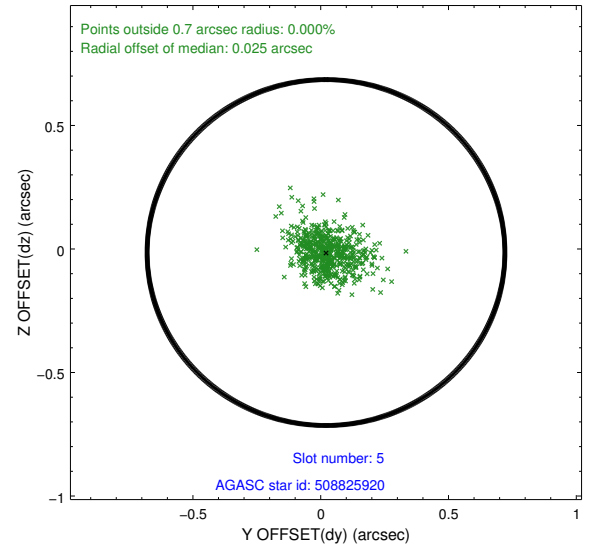
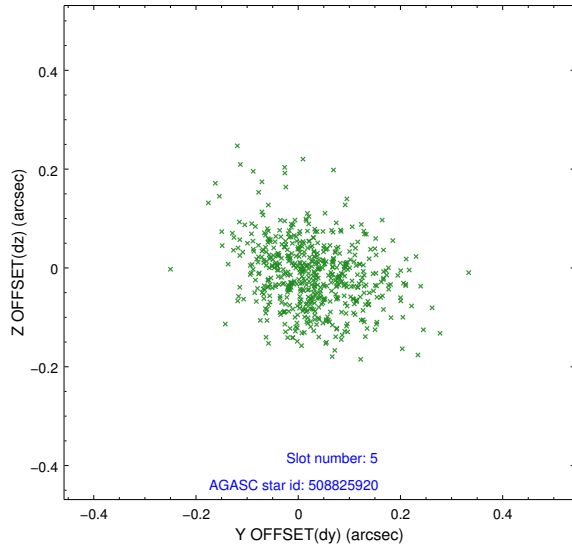
2.4.1 Slot 3



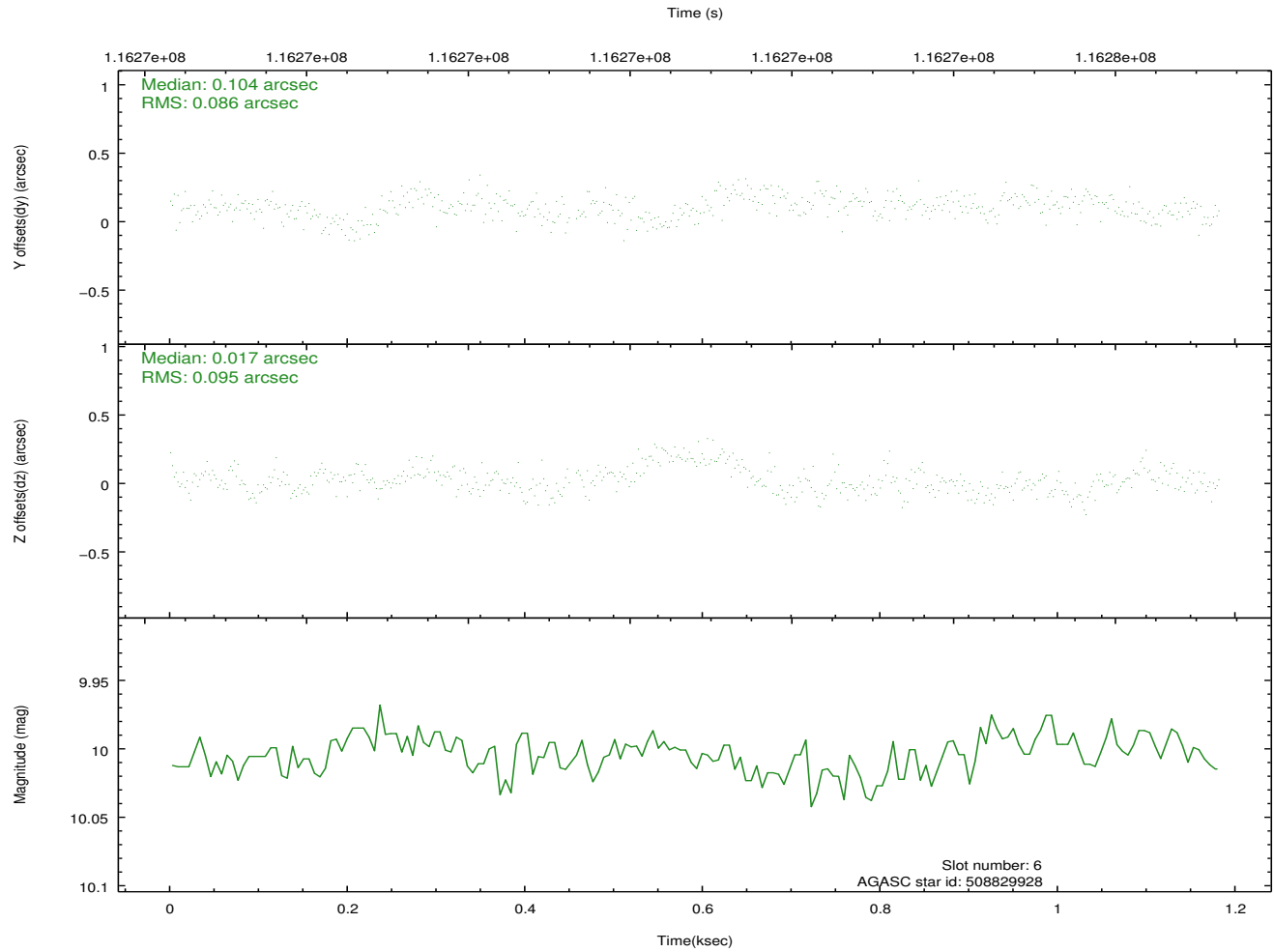
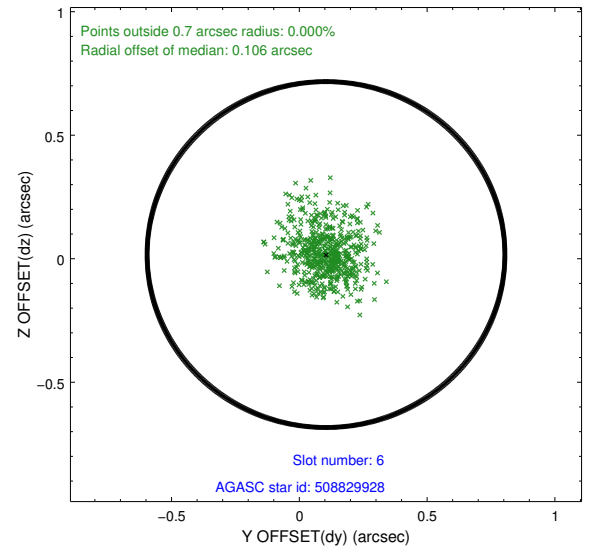
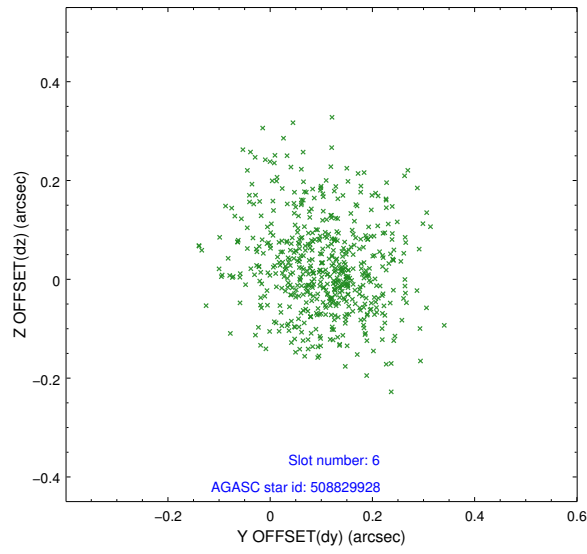
2.4.2 Slot 4



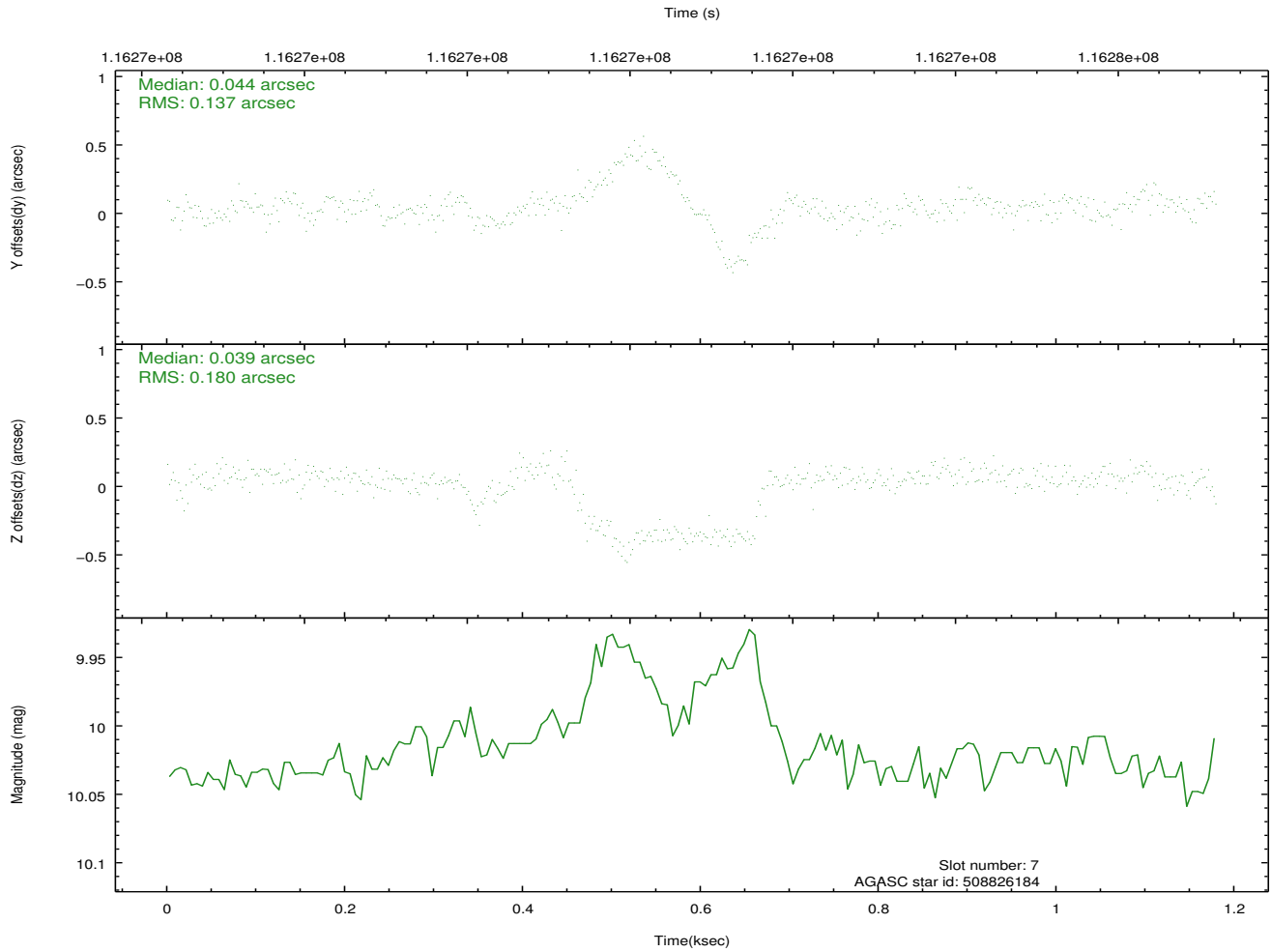
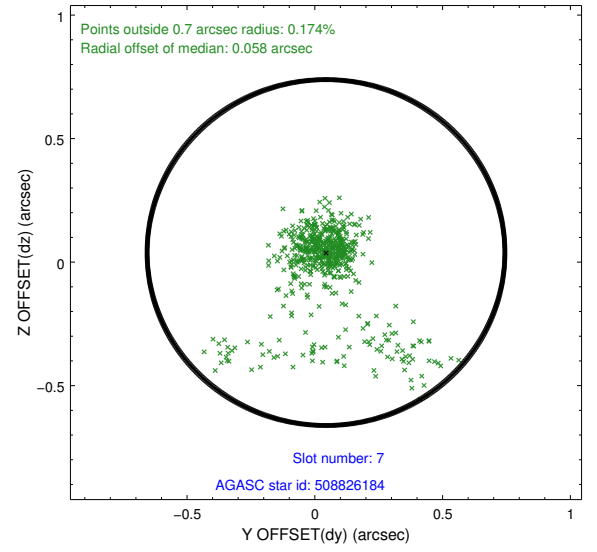
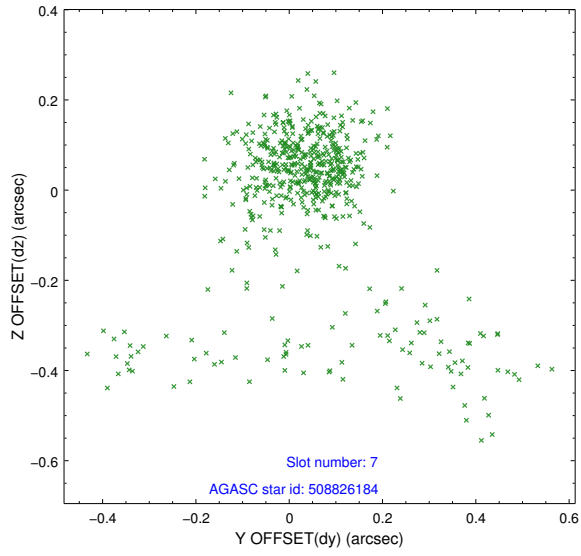
2.4.3 Slot 5



2.4.4 Slot 6

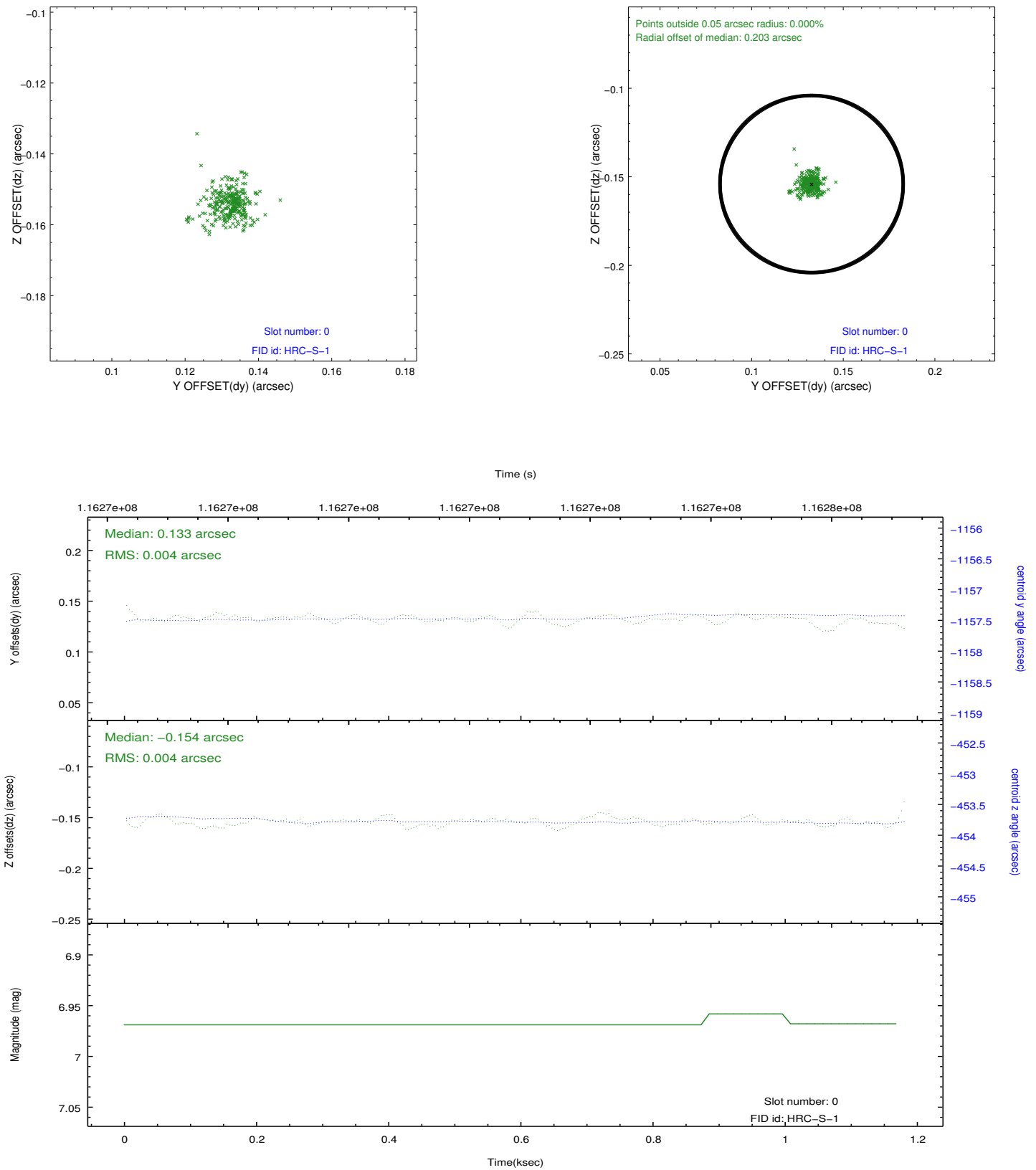


2.4.5 Slot 7

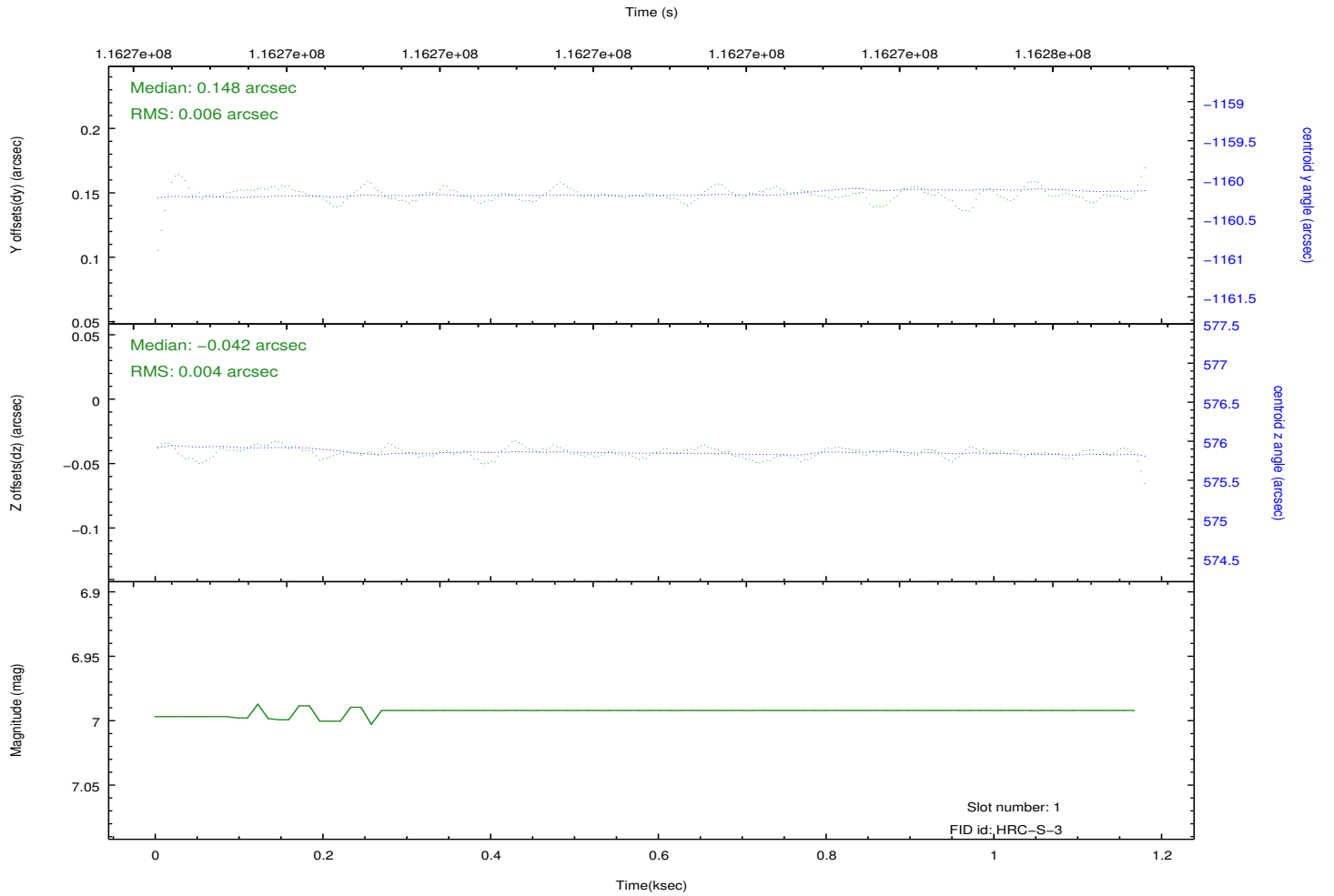
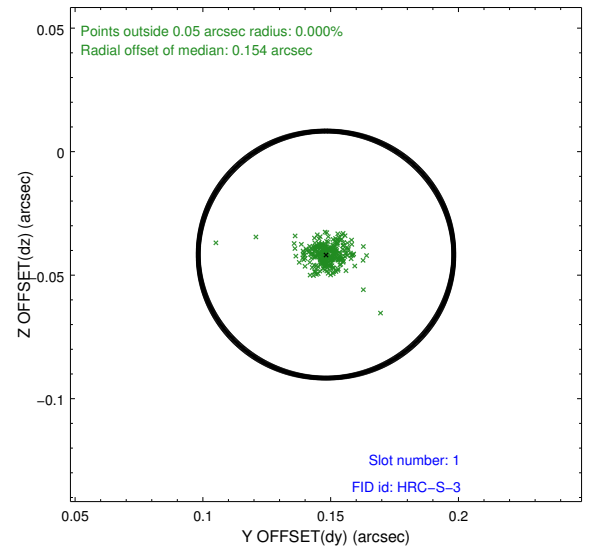
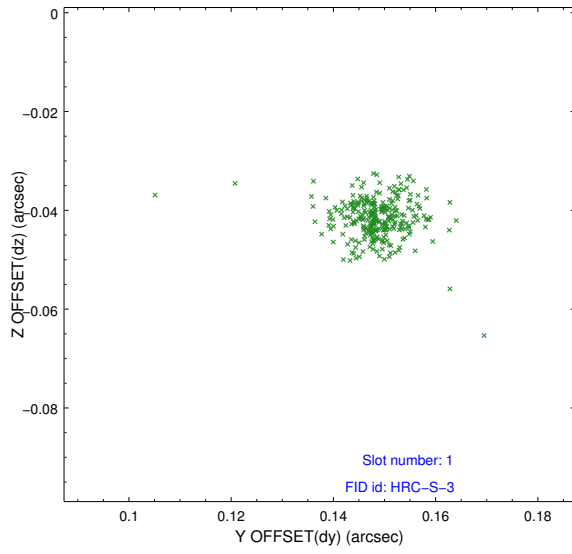


2.5 FID Slots

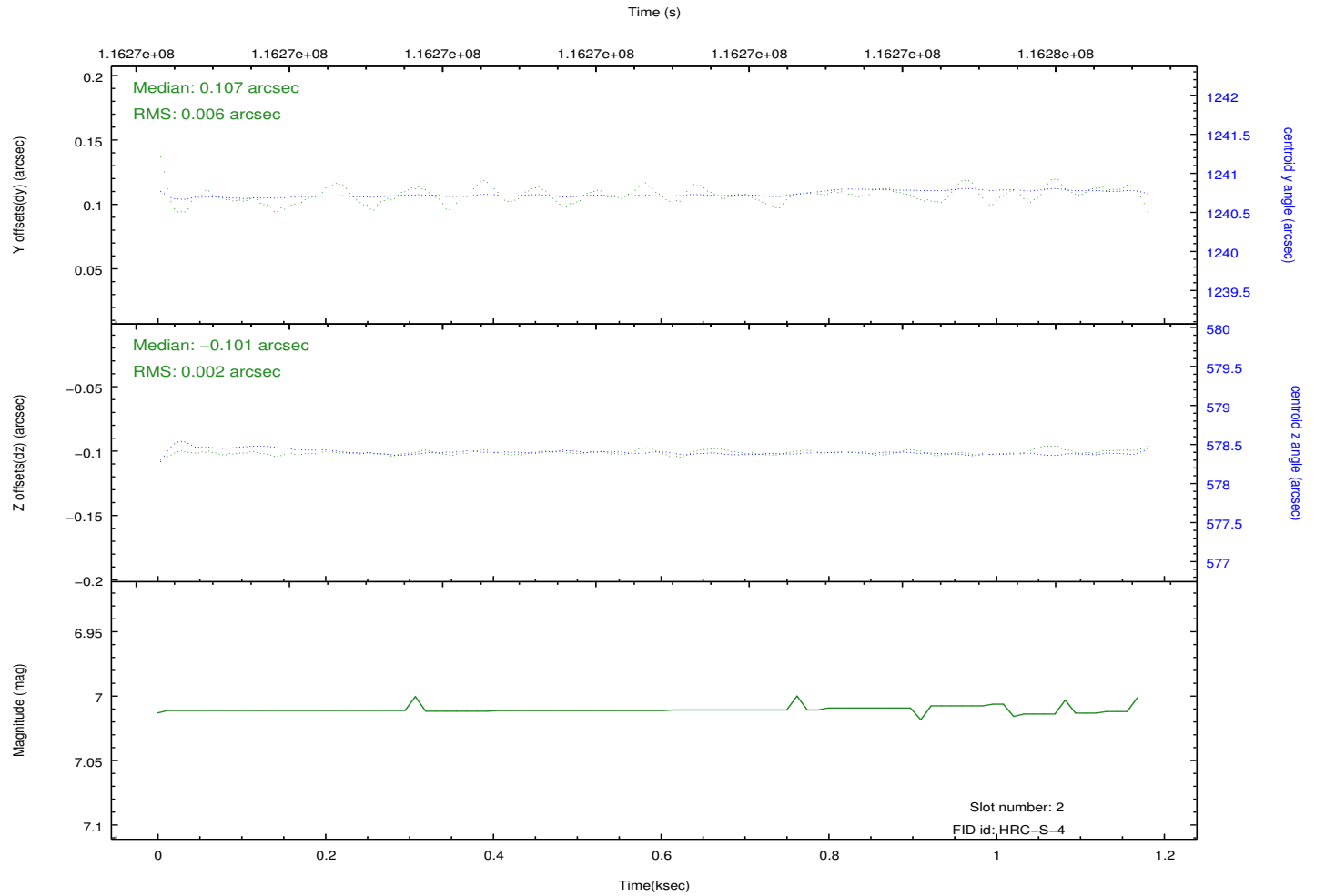
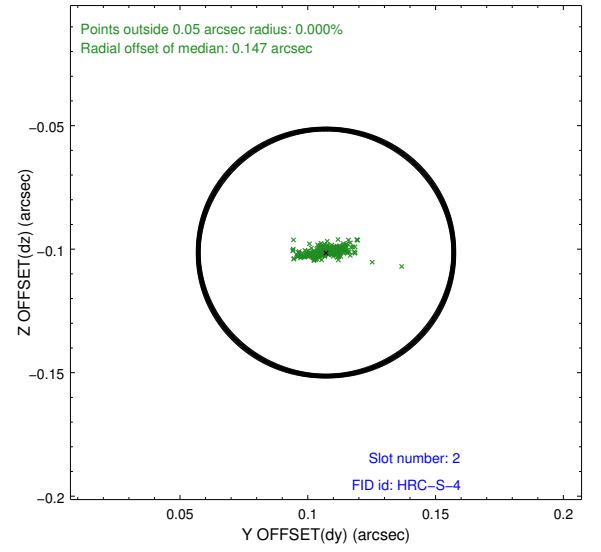
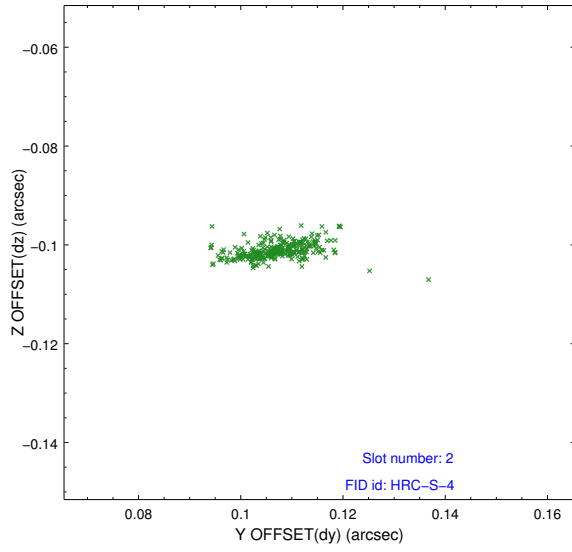
2.5.1 Slot 0



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)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.176

A.2 Comments

Charge time for this observation remains at previous value of 1.176 ksec.