

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7619 - L2 Version 4
Chandra X-Ray Center

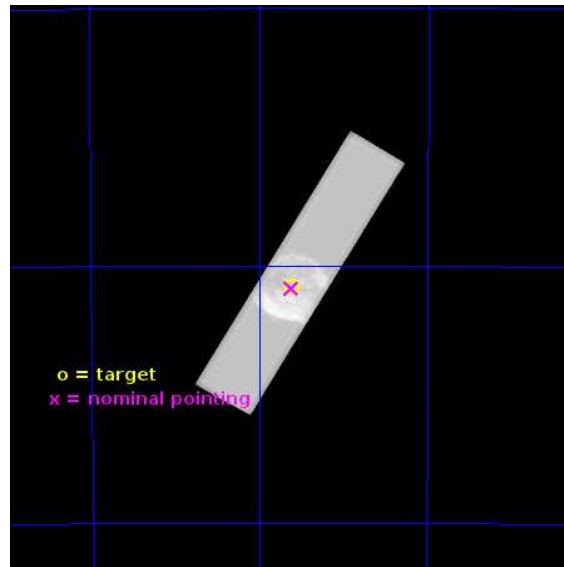
L2 Processing Date : Jun 29 2013

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1 Front

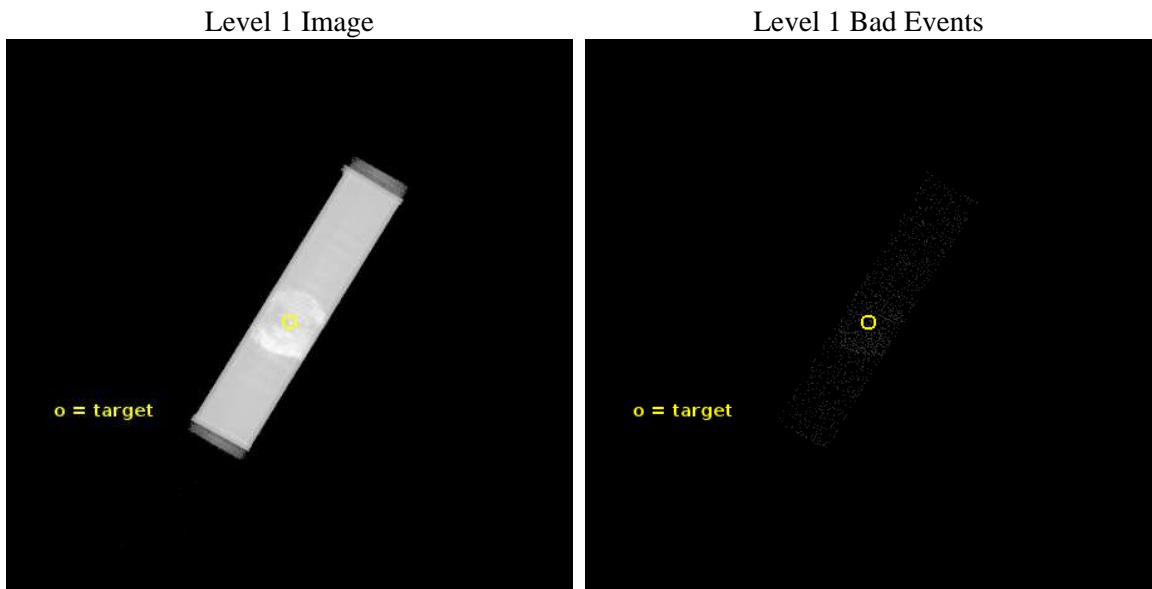
seq_num	500749	Sequence number
obs_id	7619	Observation id
title	A search for fast periodicity in the enigmatic X-ray source inside RCW103.	Proposal title
observer	Dr. Andrea De Luca	Principal investigator
object	1E 161348-5055	Source name
ra_targ	244.400833	Observer's specified target RA [deg]
dec_targ	-51.040278	Observer's specified target Dec [deg]
ra_nom	244.40458779085	Nominal RA [deg]
dec_nom	-51.044416400929	Nominal Dec [deg]
roll_nom	300.50932781731	Nominal Roll [deg]
revision	4	Processing version of data
ontime	78181.878731608	[s]
livetime	77668.081874237	Ontime multiplied by DTCOR
l2events	5805219	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	78000.000000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	78181.878741622	[s]
caldsver	4.5.7	 	l1events	7566592	Number of level 1 events
date	2013-06-29T06:25:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 1	segment 2	segment 3
level 1 events	6725	7559850	17
rejected events	74	66121	6
rejected %	1%	0%	35%

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	244.363780	244.4045877908519
[deg] Pointing Dec	-51.031540	-51.0444164009288
[deg] Pointing Roll	300.410266	300.5093278173106
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	299796982.184000	299796033.80752
Observation start date	2007-07-02T20:55:17	2007-07-02T20:40:33
[s] Observation end time (MET)	299874982.184000	299876189.83636
Observation end date	2007-07-03T18:35:17	2007-07-03T18:56:29

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

2.3 Aspect

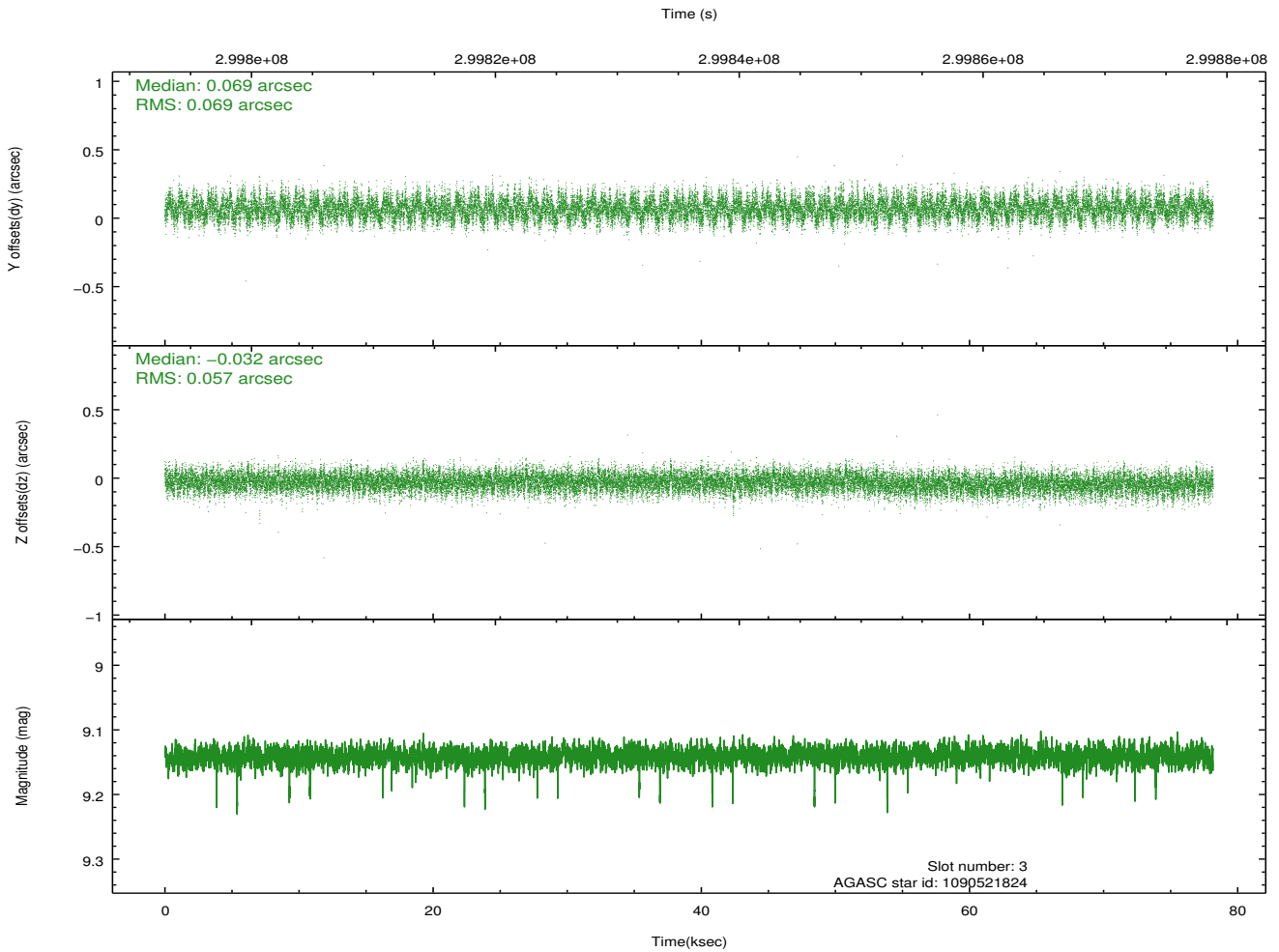
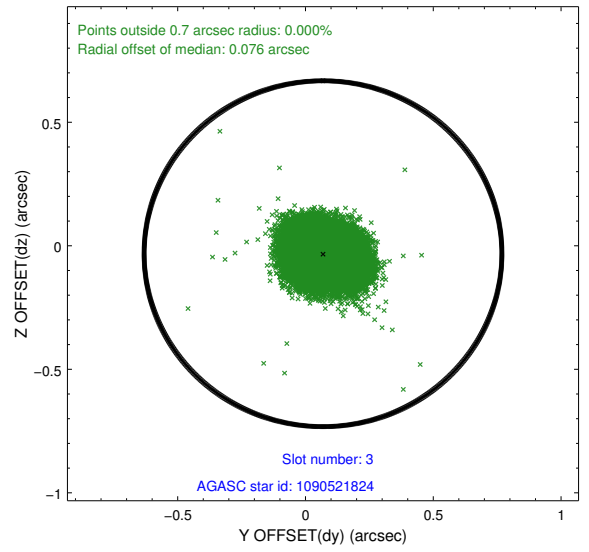
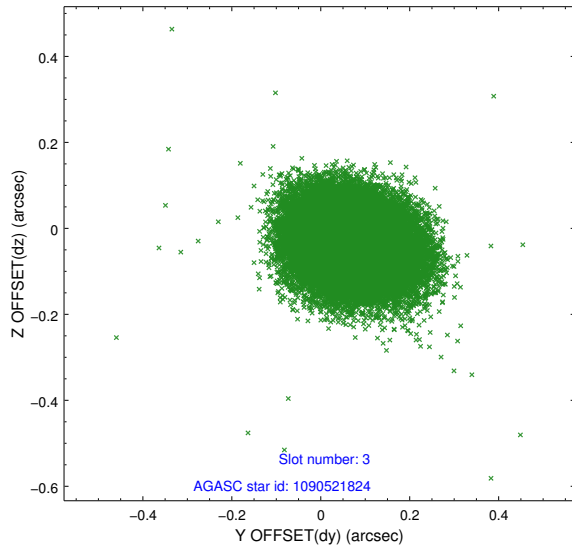
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	19068	0.038	-0.146	0.014	0.026	0.000000	0.000000	-1167.28	-461.68
1	FID	HRC-S-2	6.99	19068	0.125	-0.065	0.033	0.062	0.000000	0.000000	1232.40	-454.28
2	FID	HRC-S-4	6.95	19068	0.236	-0.093	0.030	0.058	0.000000	0.000000	1231.22	570.43
3	GUIDE	1090521824	9.14	38118	0.069	-0.032	0.095	0.154	244.711253	-50.470098	-1338.27	1708.98
4	GUIDE	1090921440	8.94	38116	-0.010	0.020	0.079	0.126	243.292741	-50.752608	-2085.16	-1604.43
5	GUIDE	1090924096	8.06	38127	0.040	-0.025	0.069	0.111	243.849549	-51.016855	-631.23	-979.50
6	GUIDE	1091057912	9.14	38099	-0.025	0.064	0.095	0.152	245.642757	-51.112070	1734.98	2333.65
7	GUIDE	1090924384	8.05	38118	-0.072	-0.022	0.063	0.101	243.330505	-50.934017	-1474.92	-1852.42

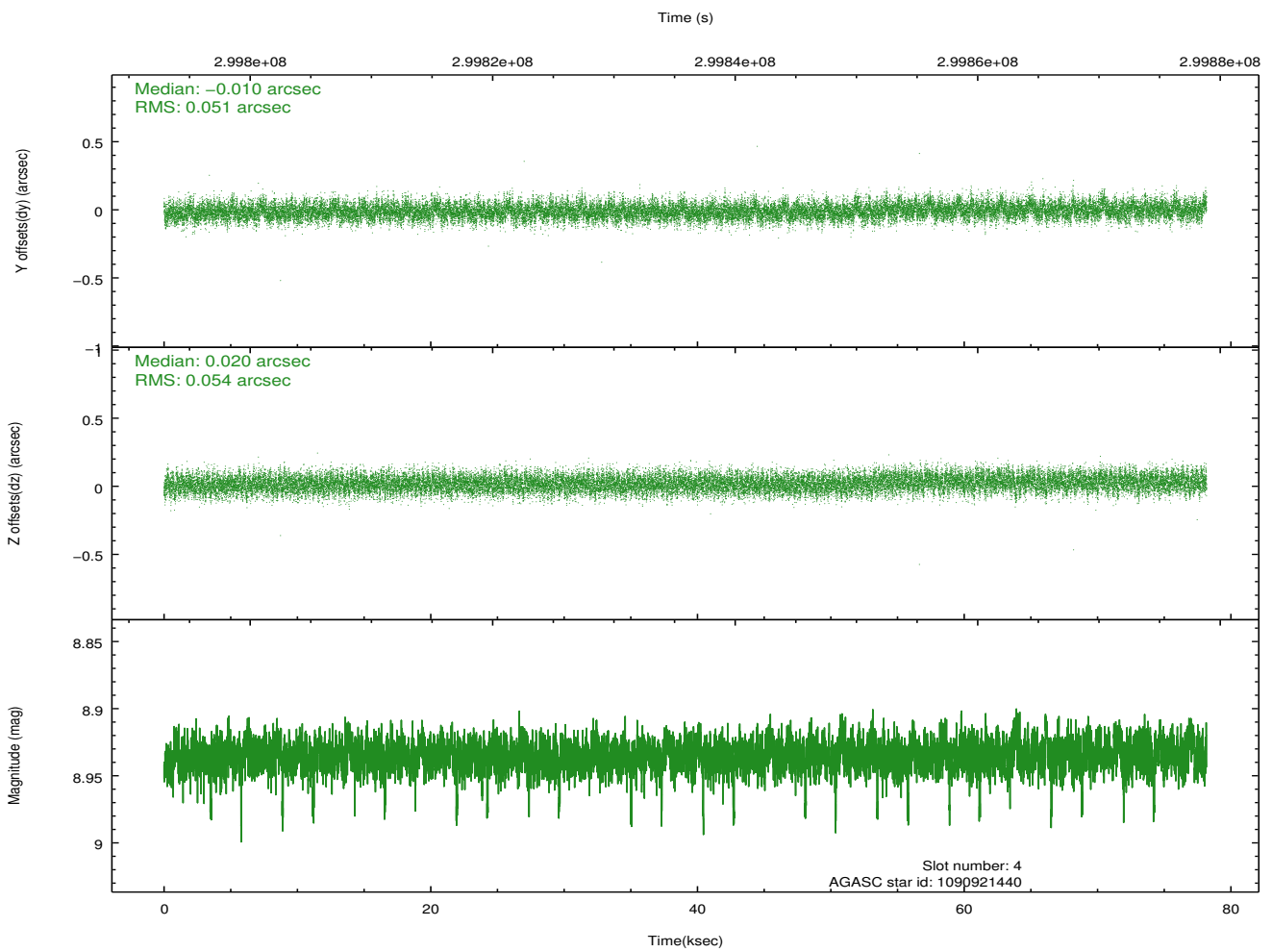
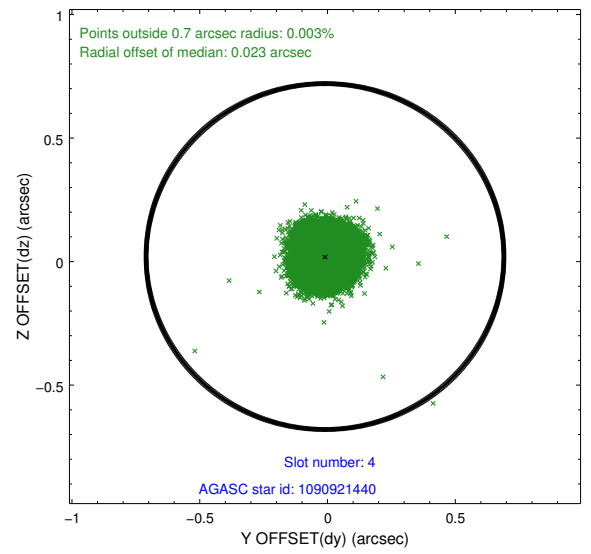
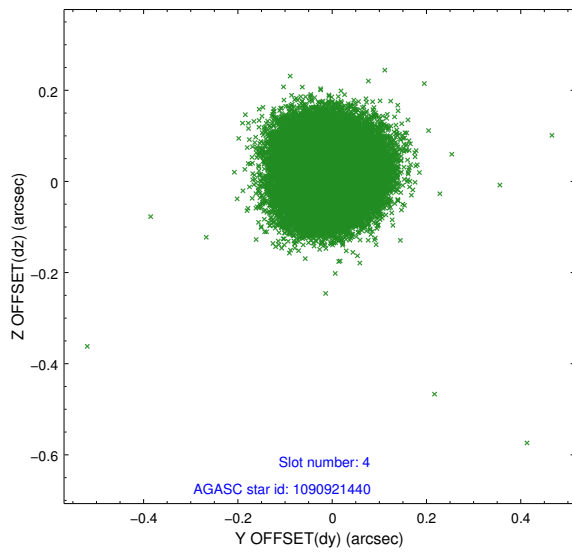
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2.4 Star Slots

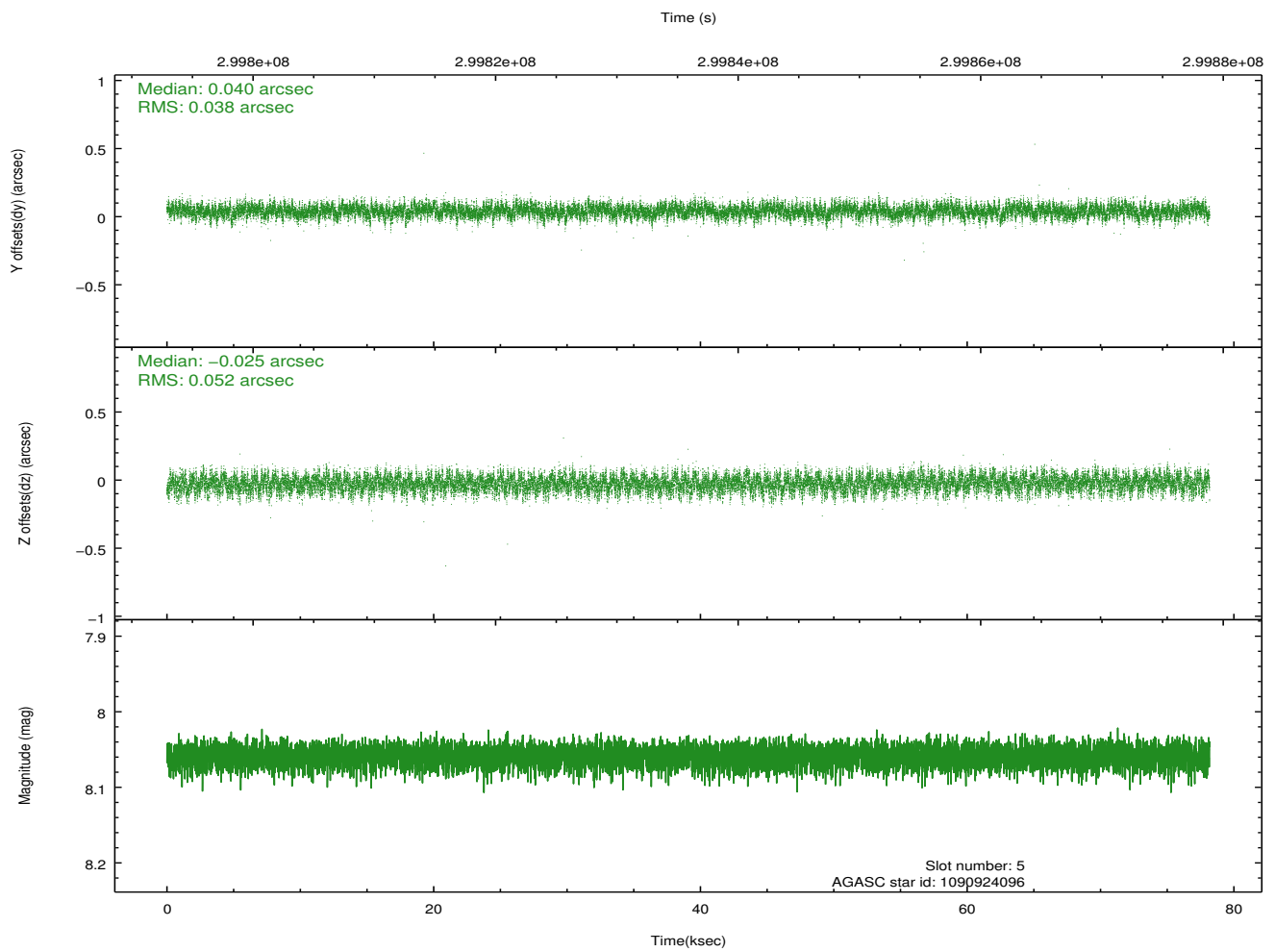
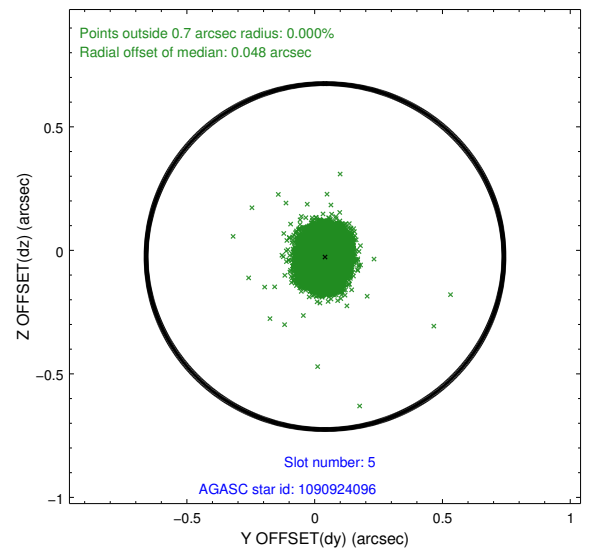
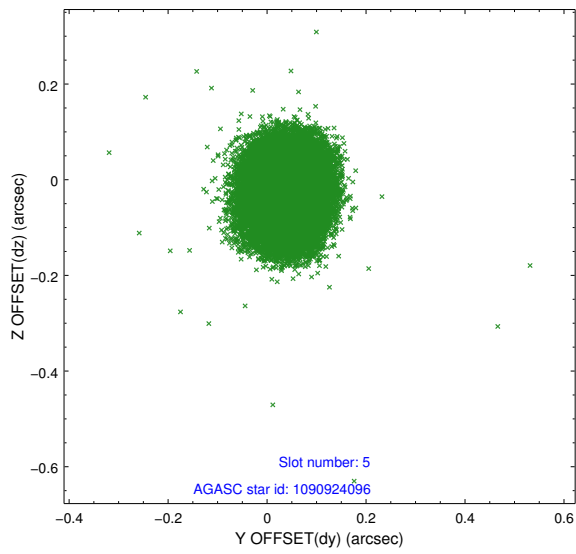
2.4.1 Slot 3



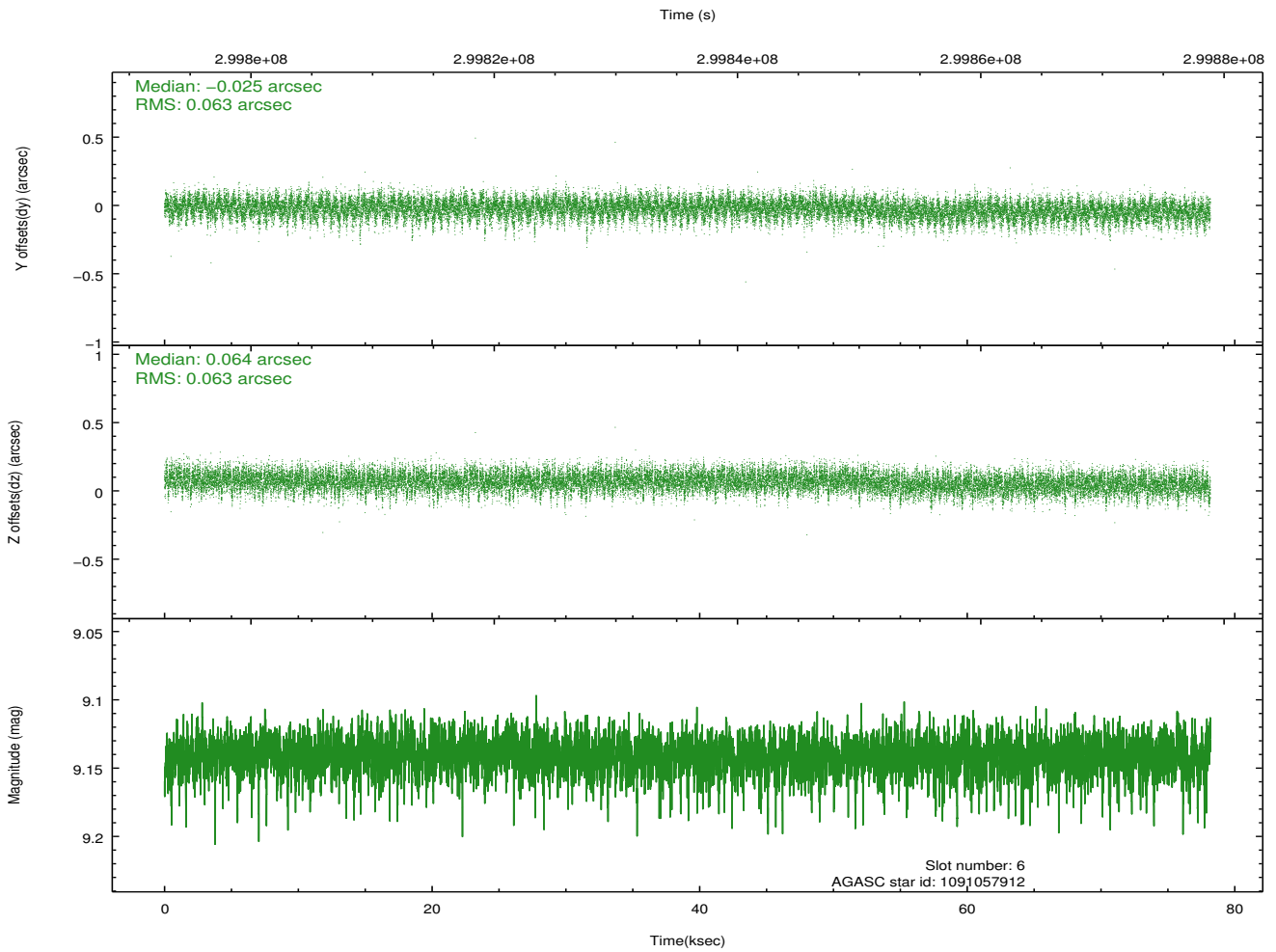
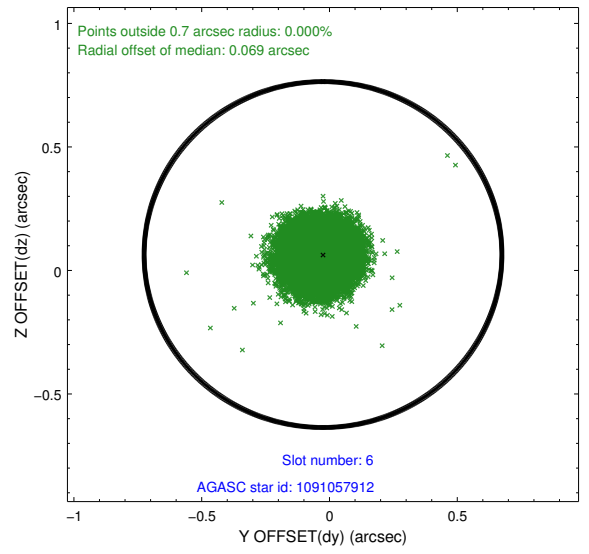
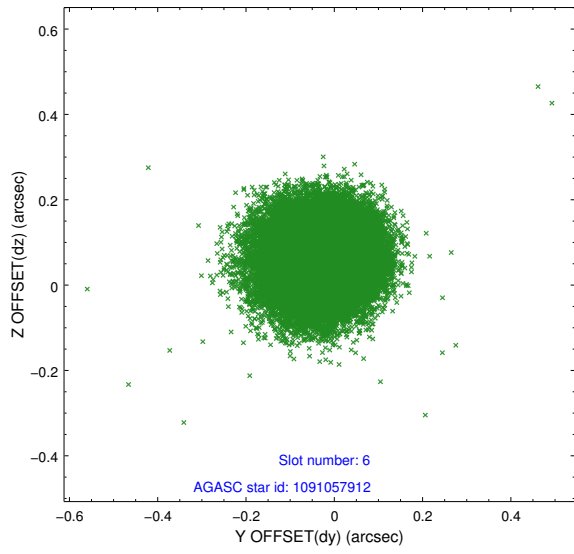
2.4.2 Slot 4



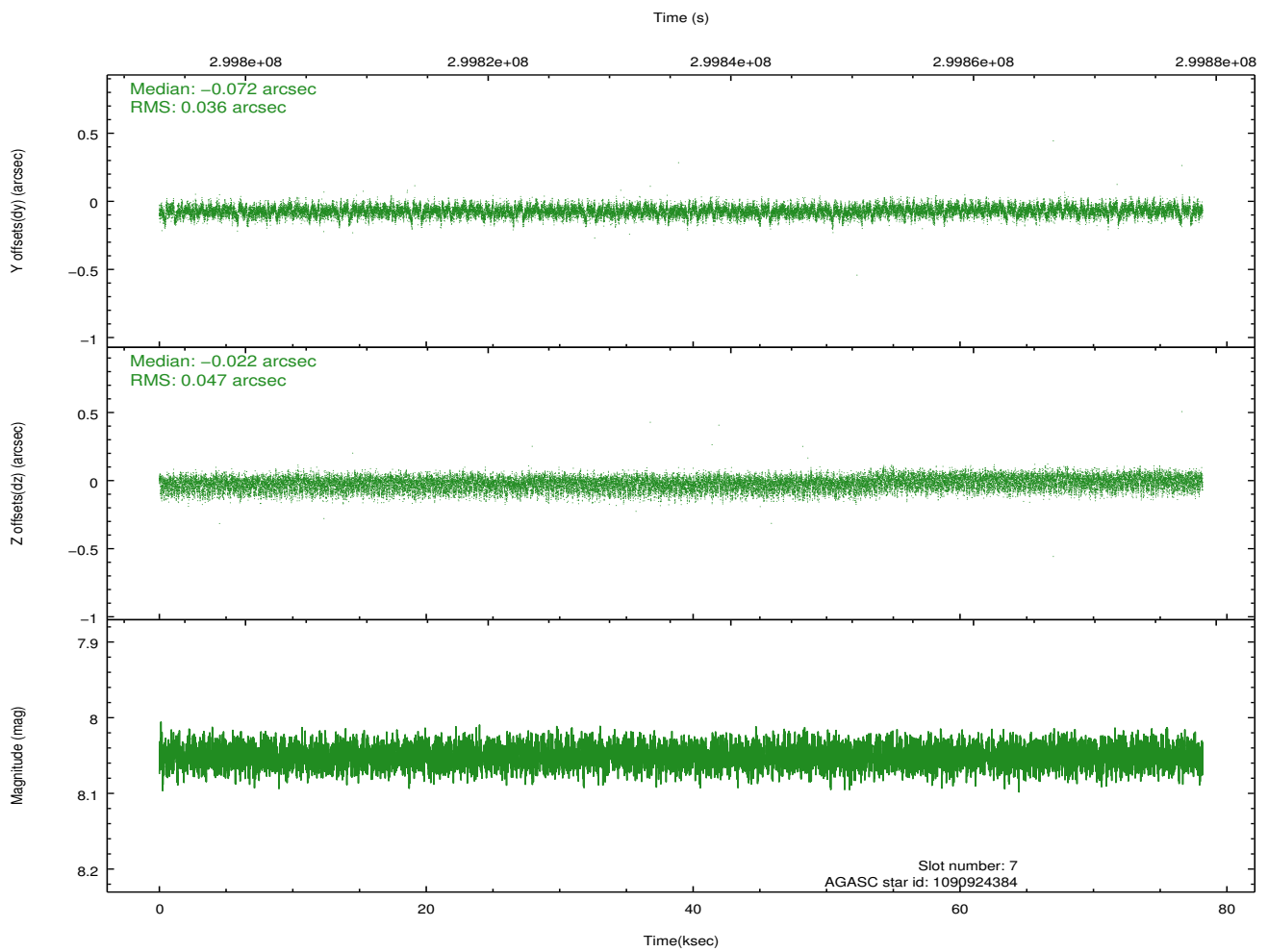
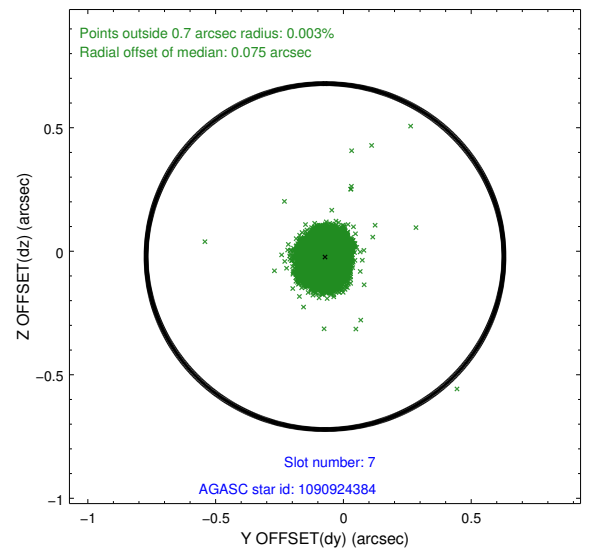
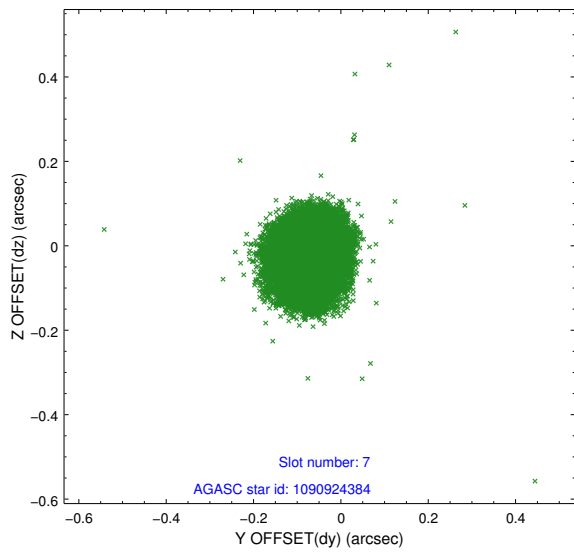
2.4.3 Slot 5



2.4.4 Slot 6

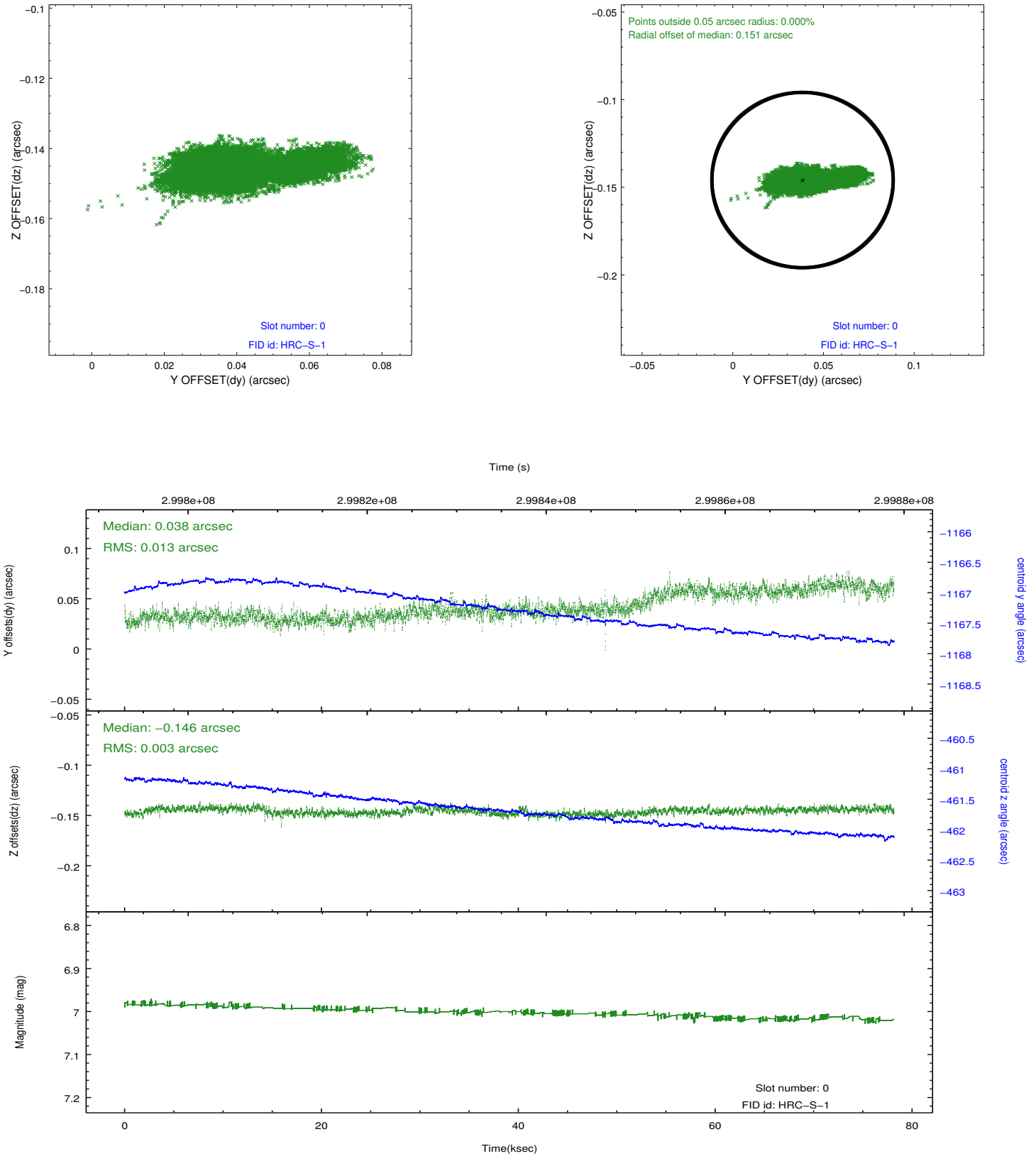


2.4.5 Slot 7

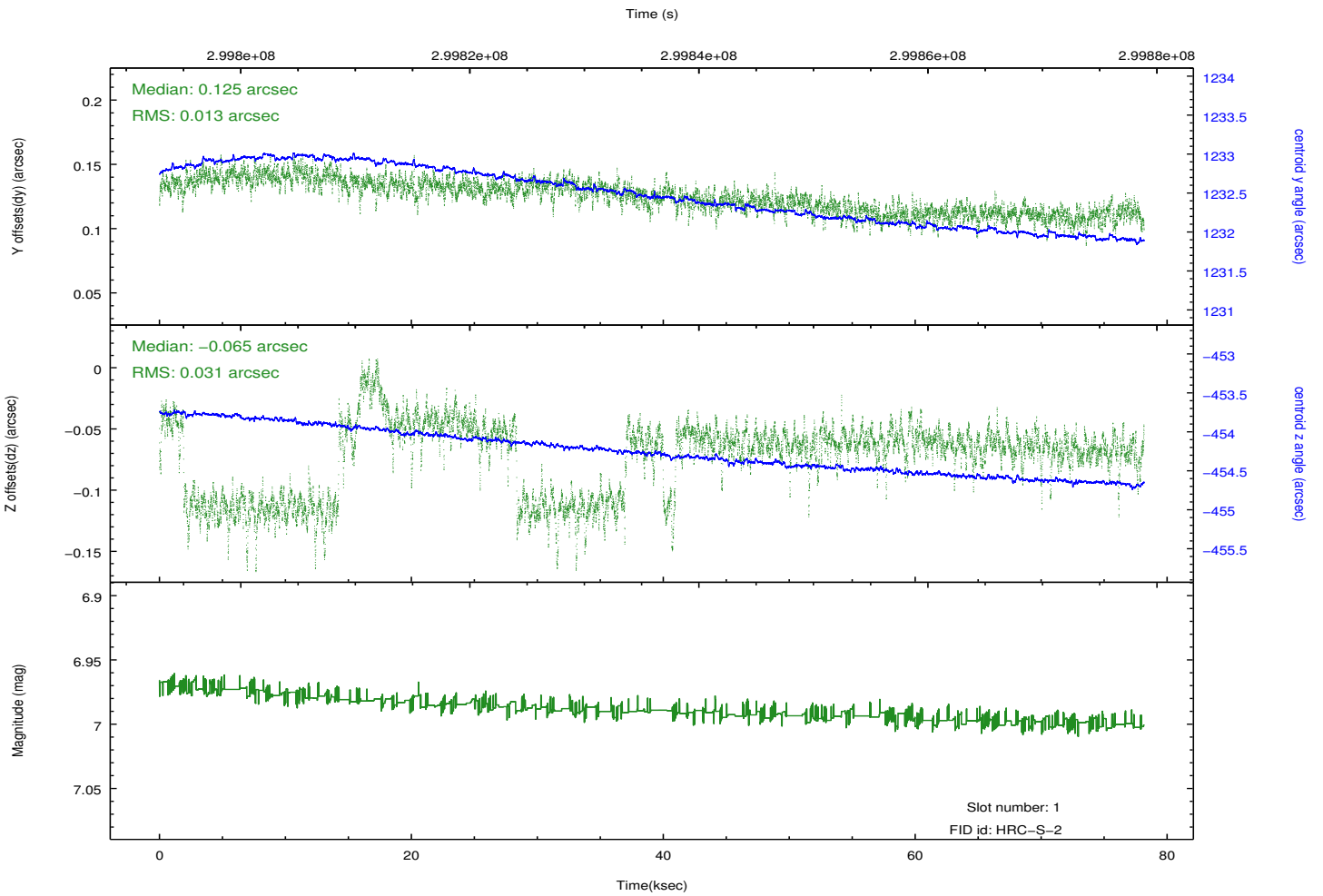
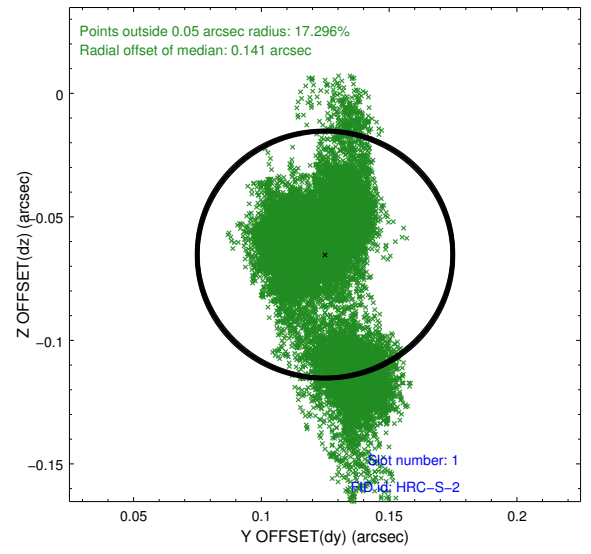
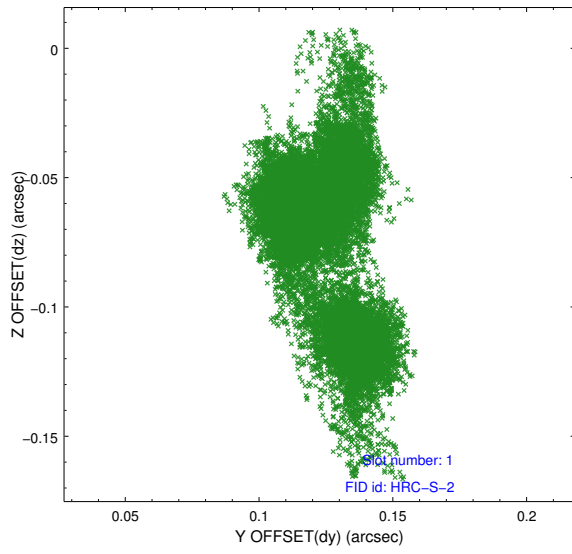


2.5 FID Slots

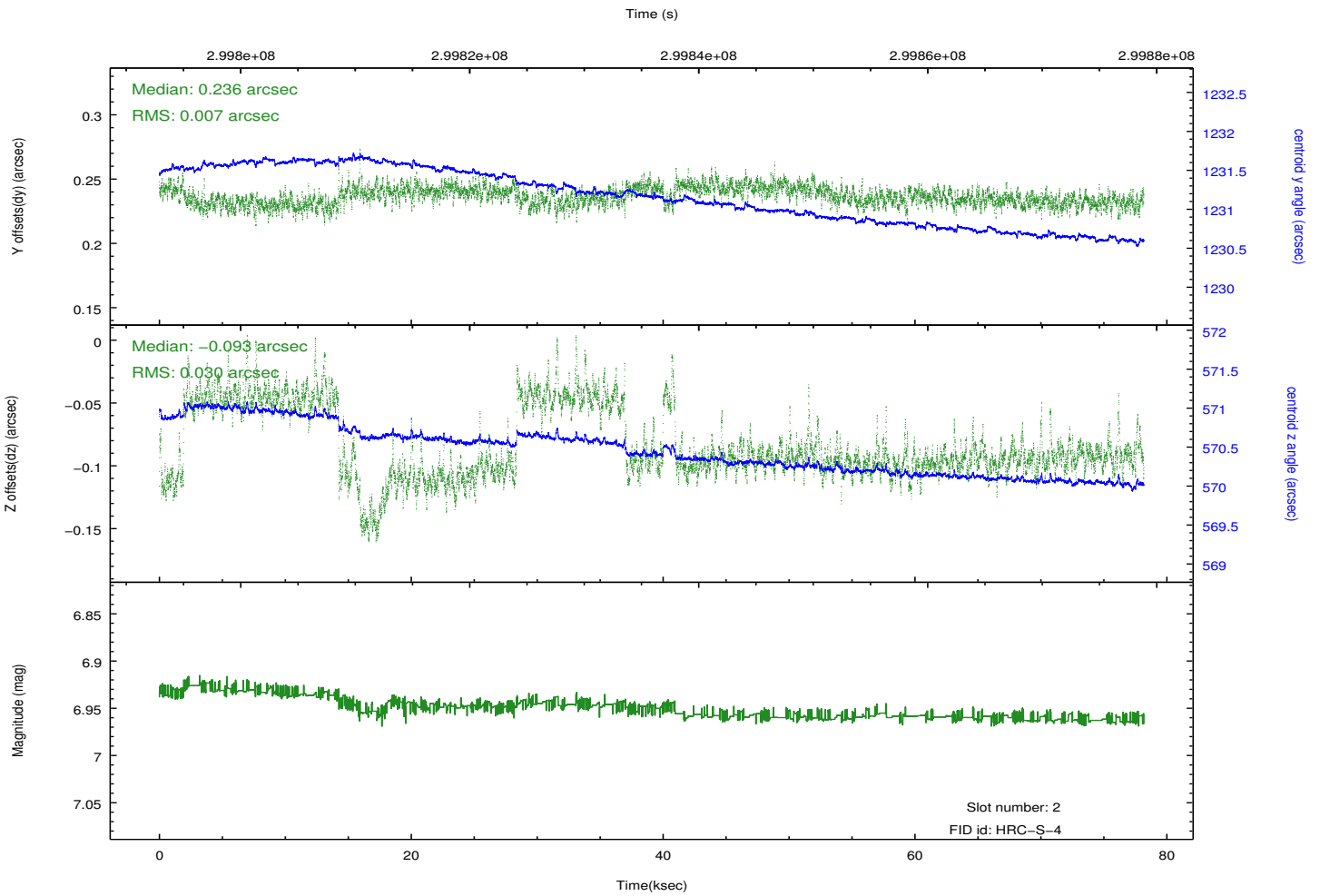
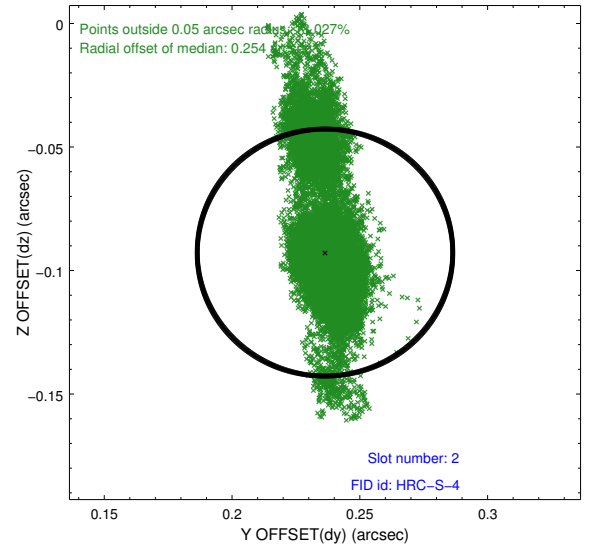
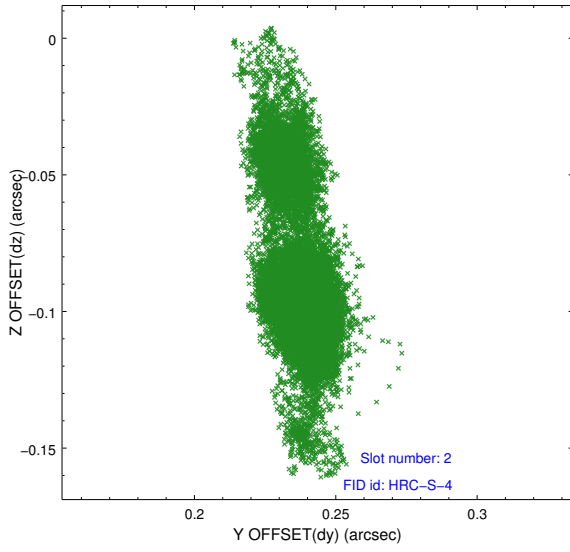
2.5.1 Slot 0



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	78.1821349

A.2 Comments