

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6232 - L2 Version 4
Chandra X-Ray Center

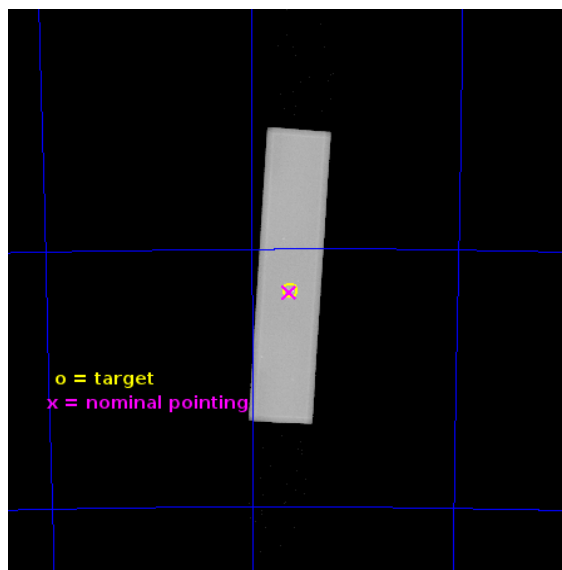
L2 Processing Date : Jun 29 2013

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1 Front

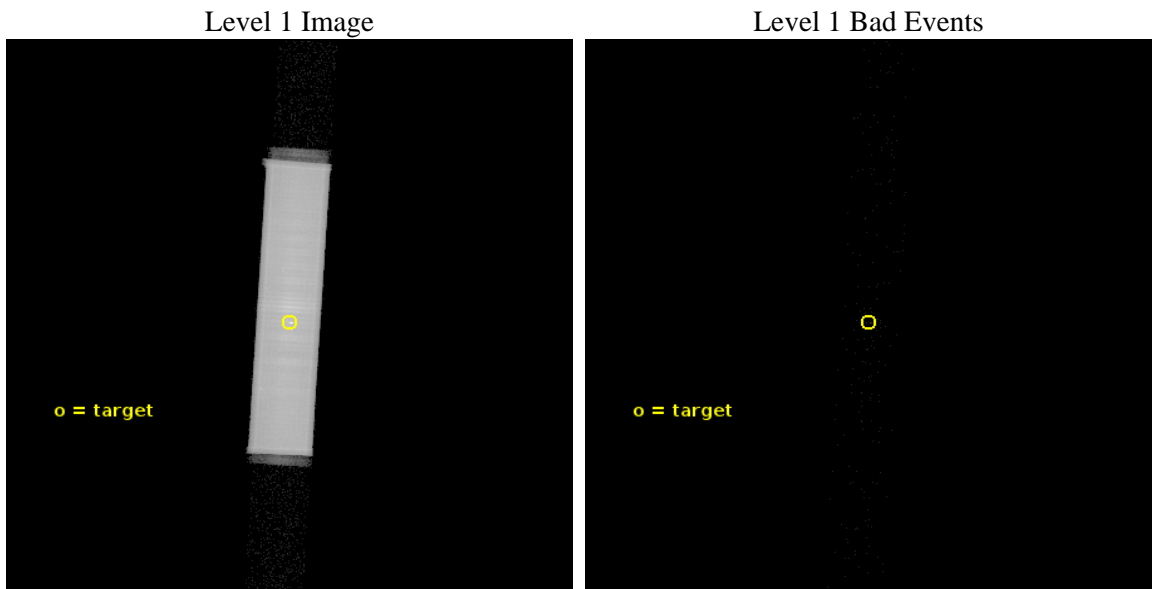
seq_num	500535	Sequence number
obs_id	6232	Observation id
title	Search for Sub-Millisecond Pulsars in 47 Tuc	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	47 Tuc	Source name
ra_targ	6.021667	Observer's specified target RA [deg]
dec_targ	-72.080528	Observer's specified target Dec [deg]
ra_nom	6.0221600301865	Nominal RA [deg]
dec_nom	-72.085228803358	Nominal Dec [deg]
roll_nom	273.4576524043	Nominal Roll [deg]
revision	4	Processing version of data
ontime	44358.927054226	[s]
livetime	44146.310394166	Ontime multiplied by DTCOR
l2events	2178421	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	45988.168000	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	44358.927054226	[s]
caldsver	4.5.7	 	l1events	3055264	Number of level 1 events
date	2013-06-29T04:03:08	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	4906	3048850	1508
rejected events	1622	77477	1433
rejected %	33%	2%	95%

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	5.967186	6.022160030186541
[deg] Pointing Dec	-72.062148	-72.08522880335812
[deg] Pointing Roll	273.338000	273.4576524043003
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	252394936.184000	252393503.86283
Observation start date	2005-12-31T05:41:12	2005-12-31T05:18:23
[s] Observation end time (MET)	252440924.184000	252442742.81511
Observation end date	2005-12-31T18:27:40	2005-12-31T18:59:02

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

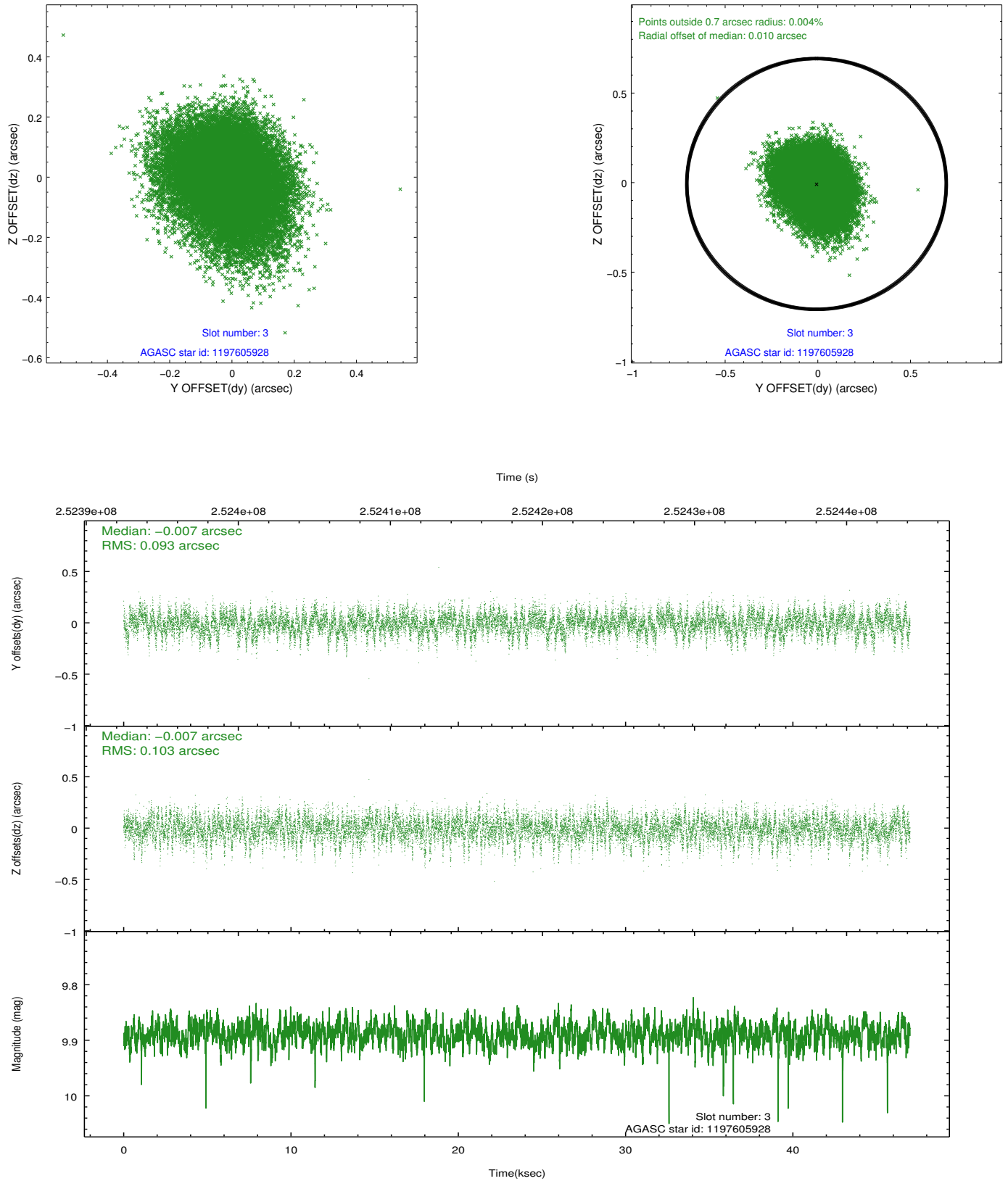
2.3 Aspect

Slot Statistics

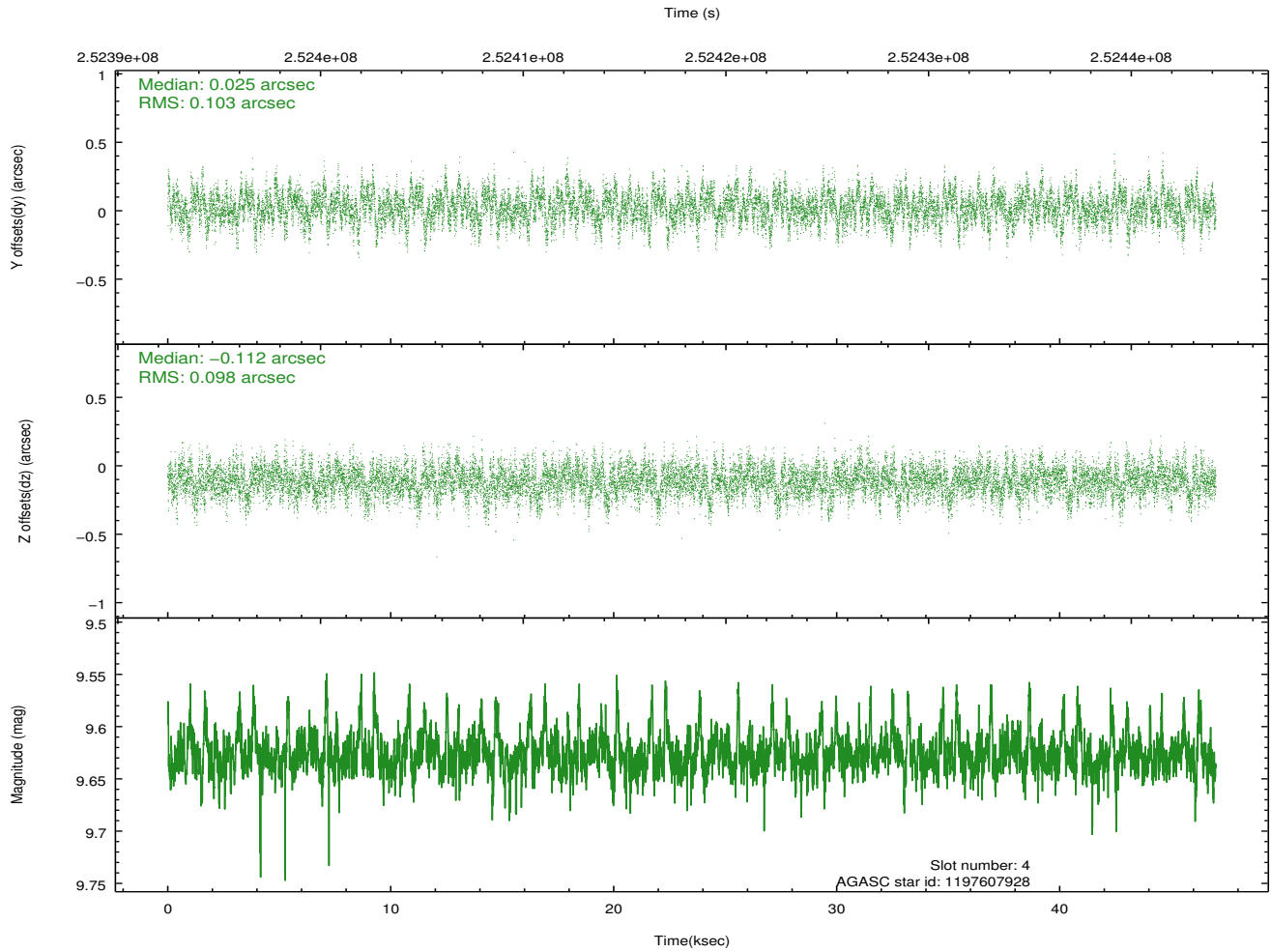
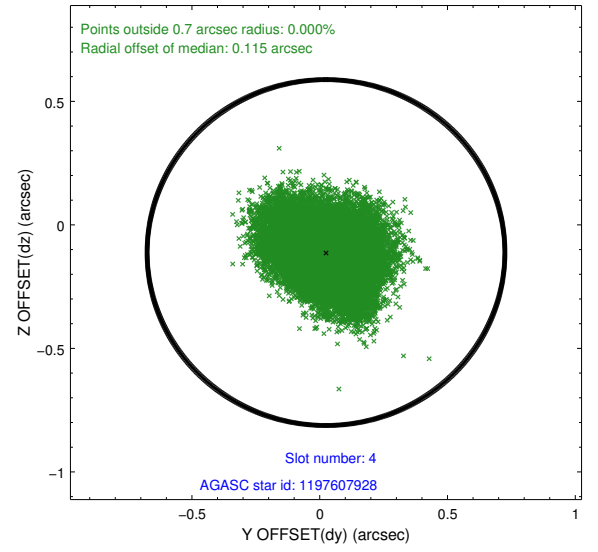
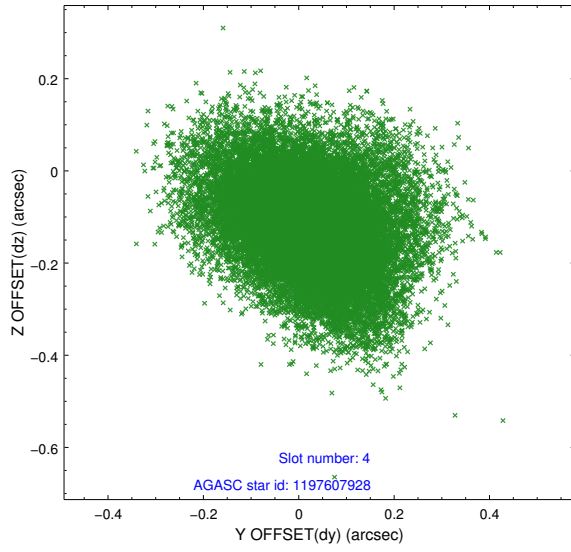
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	11465	0.142	-0.122	0.019	0.070	0.000000	0.000000	-1162.64	-460.41
1	FID	HRC-S-2	7.00	11465	0.138	-0.109	0.013	0.020	0.000000	0.000000	1236.91	-453.05
2	FID	HRC-S-3	7.01	11465	0.111	-0.074	0.026	0.082	0.000000	0.000000	-1165.29	569.15
3	GUIDE	1197605928	9.89	22870	-0.007	-0.007	0.147	0.243	4.361277	-72.423732	1221.81	-1819.43
4	GUIDE	1197607928	9.63	22906	0.025	-0.112	0.151	0.252	7.837743	-72.165759	524.53	2035.21
5	GUIDE	1197620848	10.04	22900	0.052	-0.046	0.181	0.294	3.913465	-71.739620	-1254.07	-2247.02
6	GUIDE	1197617752	10.28	22899	0.027	0.216	0.181	0.288	4.480632	-72.284129	723.58	-1672.86
7	GUIDE	1197621088	9.90	22870	-0.086	-0.044	0.171	0.284	3.823480	-72.180366	330.04	-2383.14

2.4 Star Slots

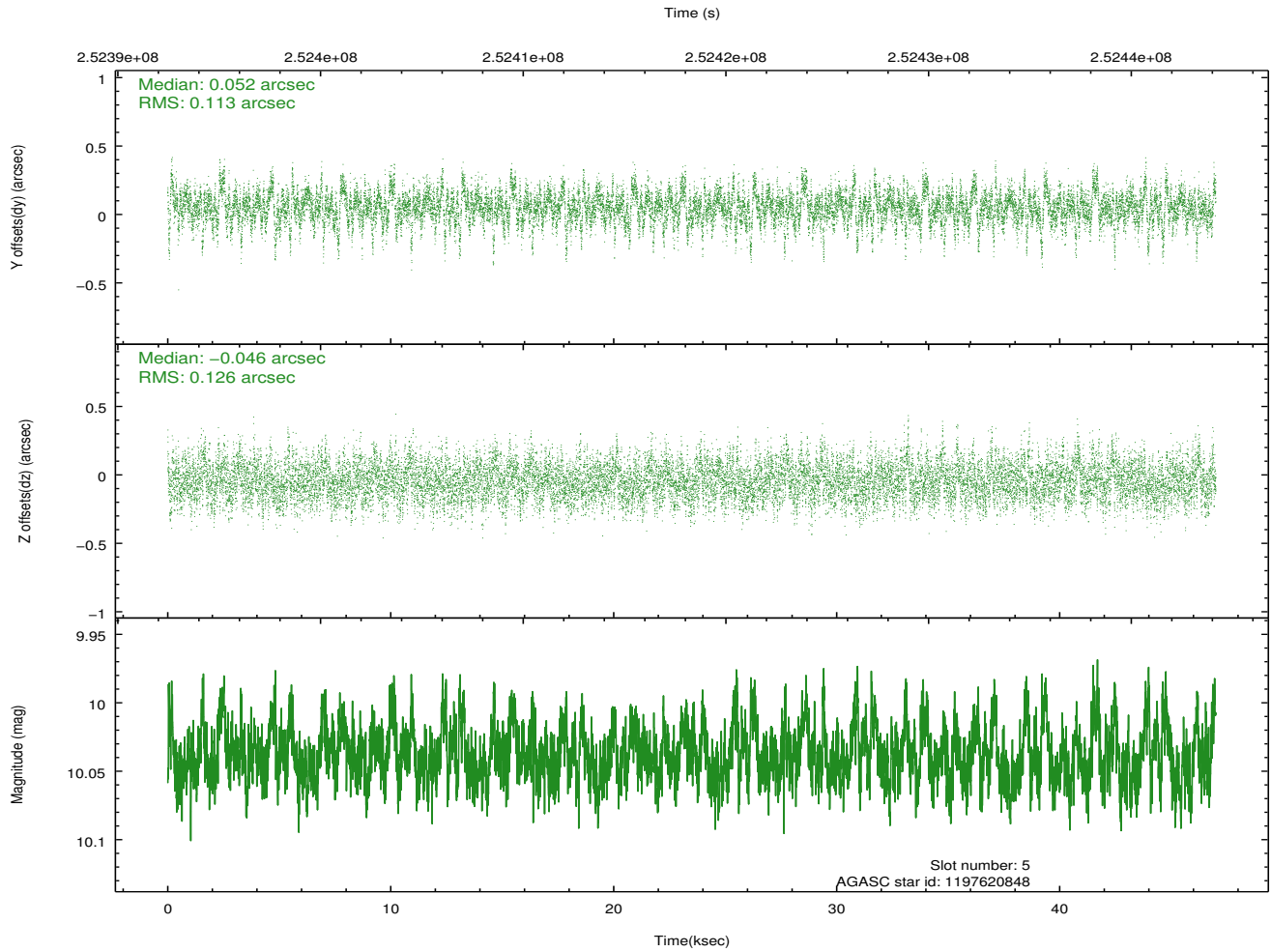
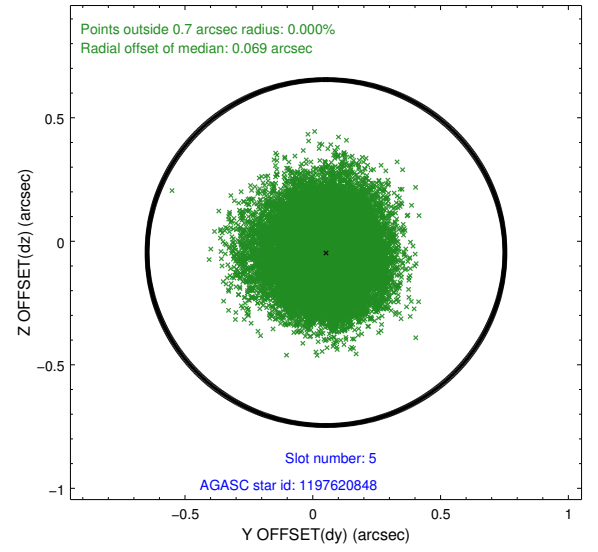
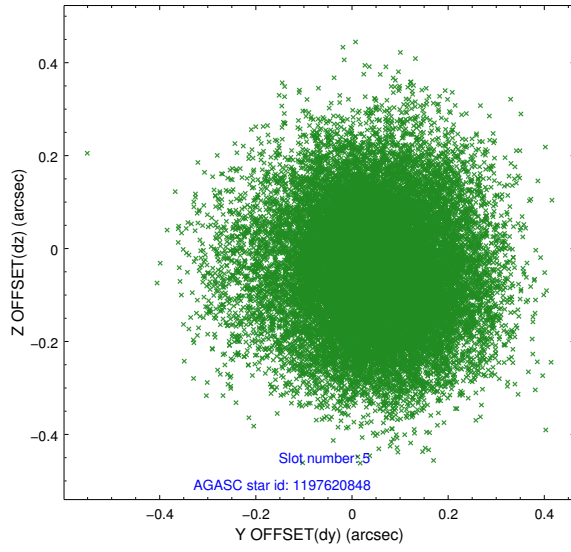
2.4.1 Slot 3



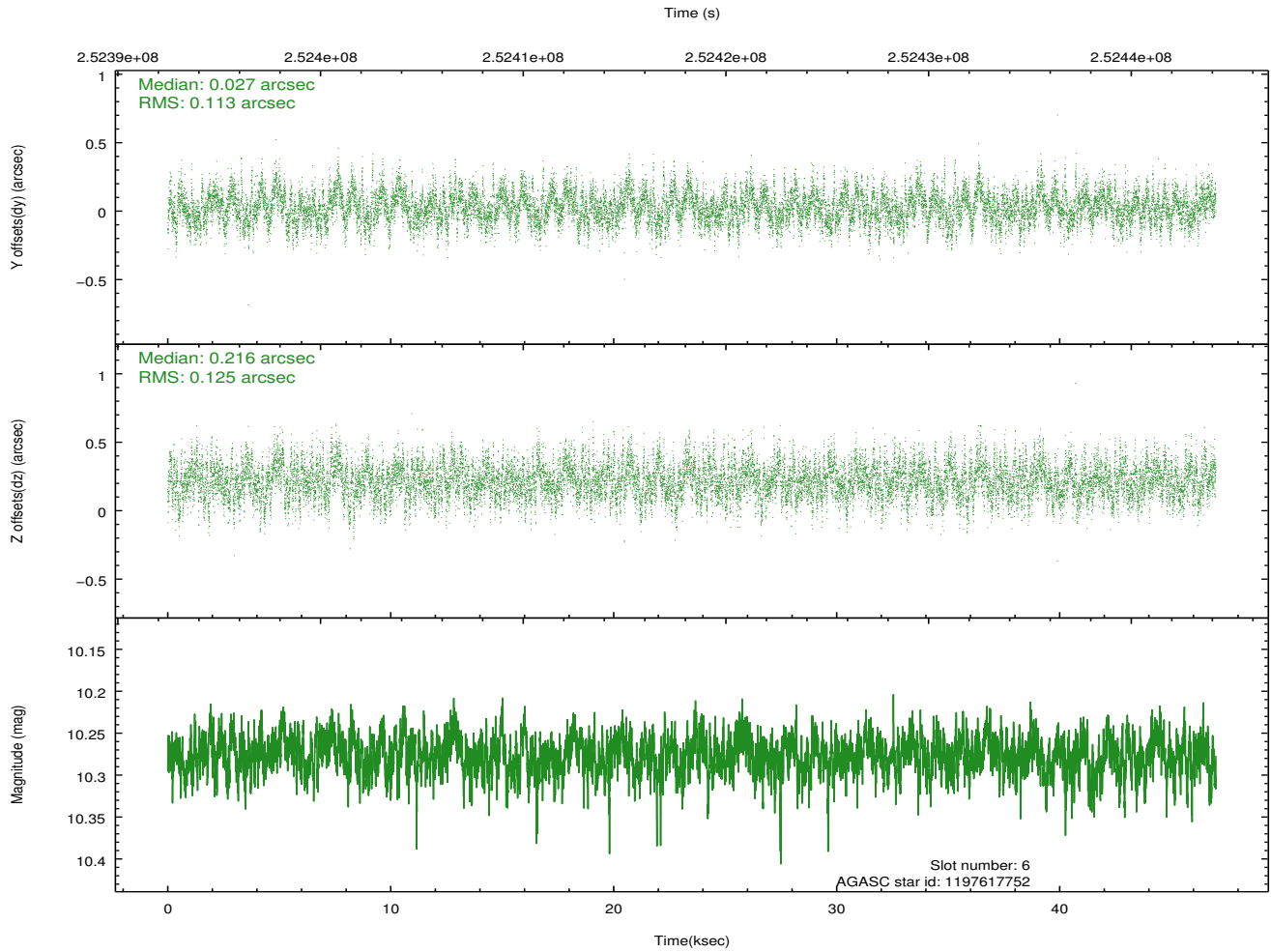
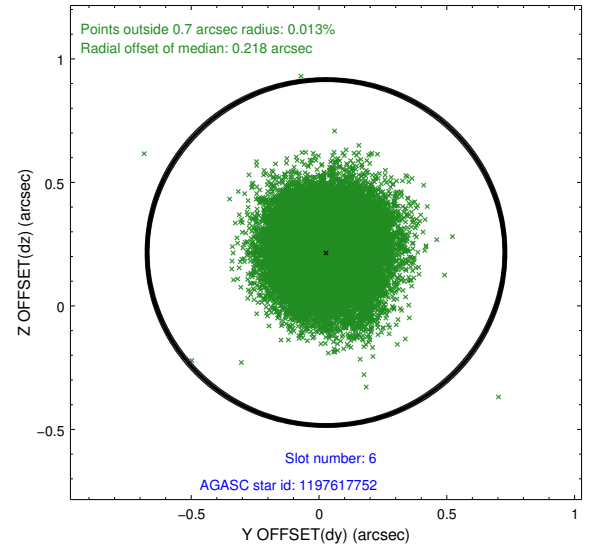
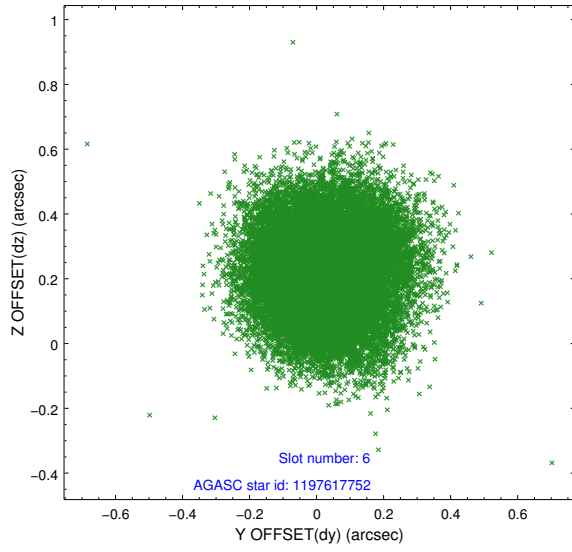
2.4.2 Slot 4



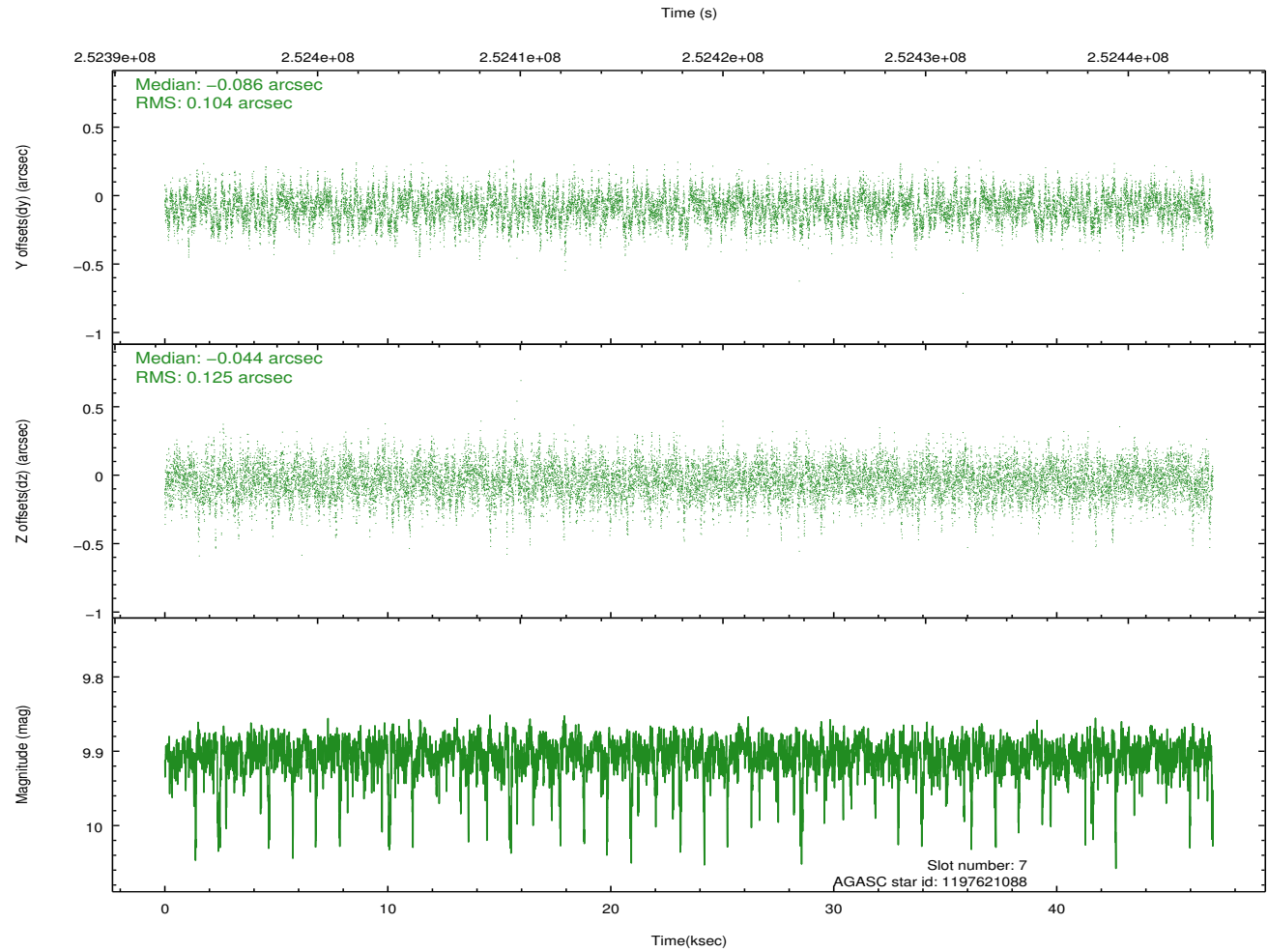
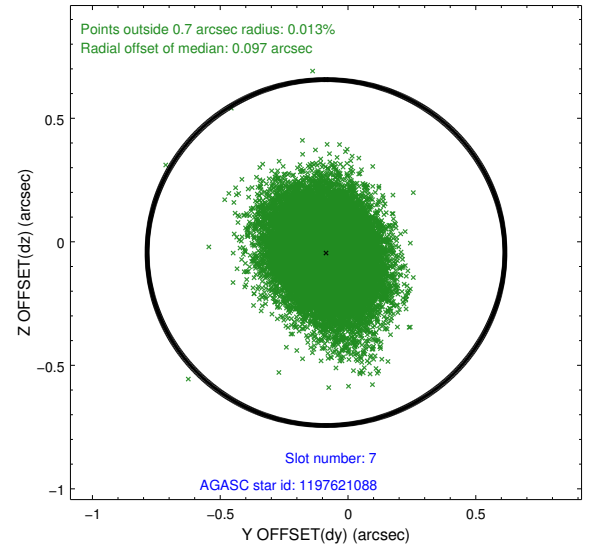
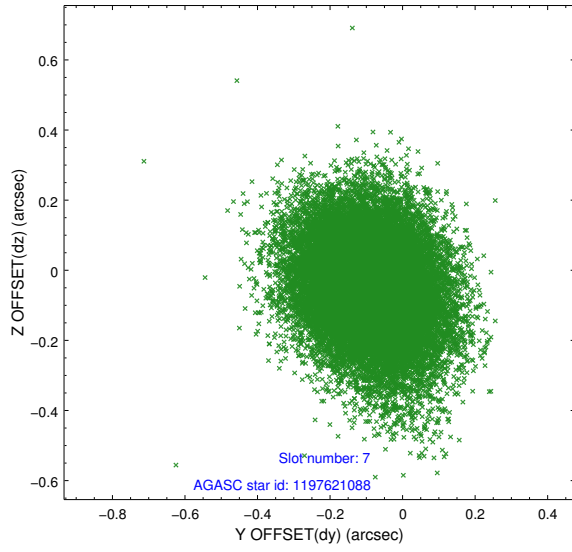
2.4.3 Slot 5



2.4.4 Slot 6

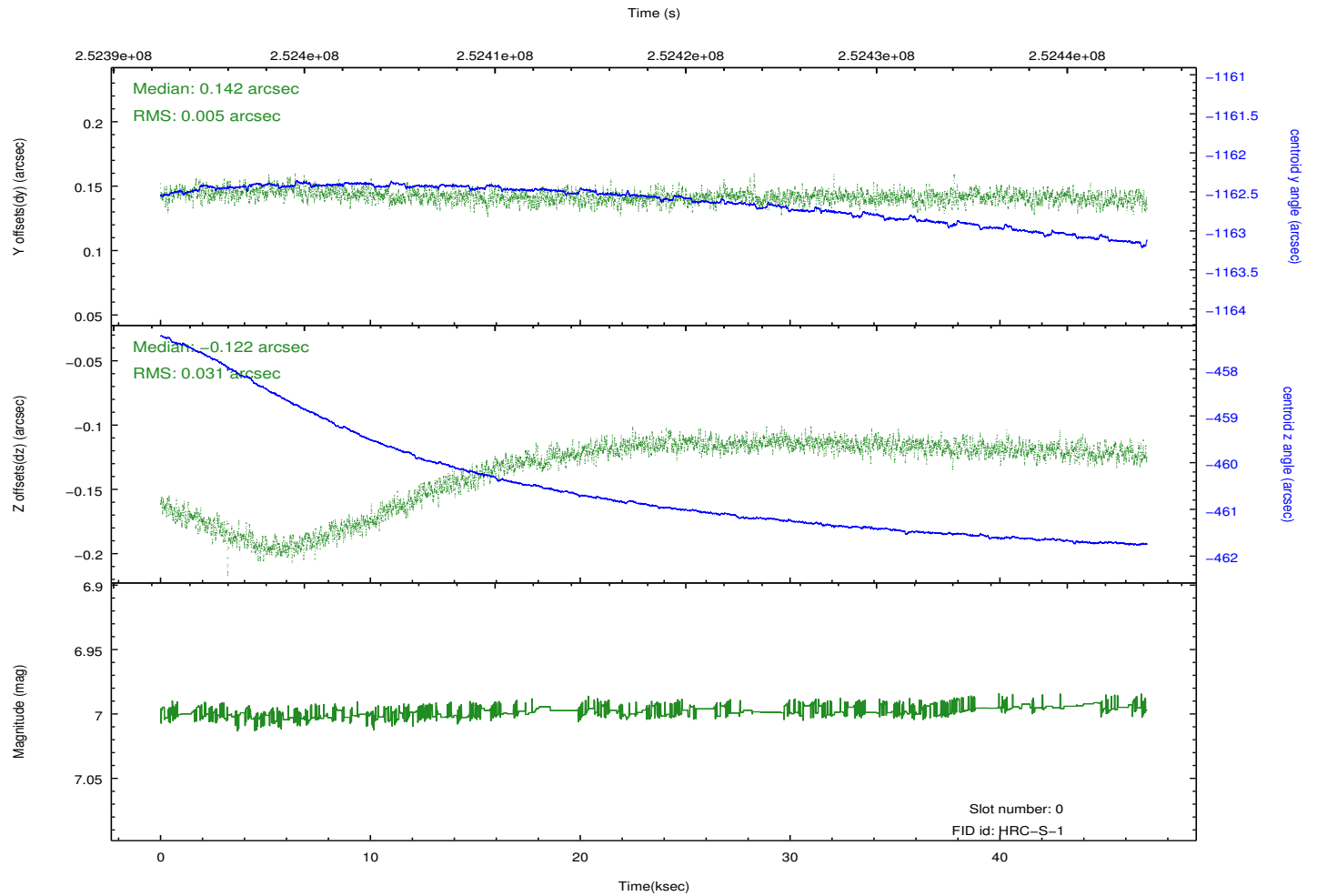
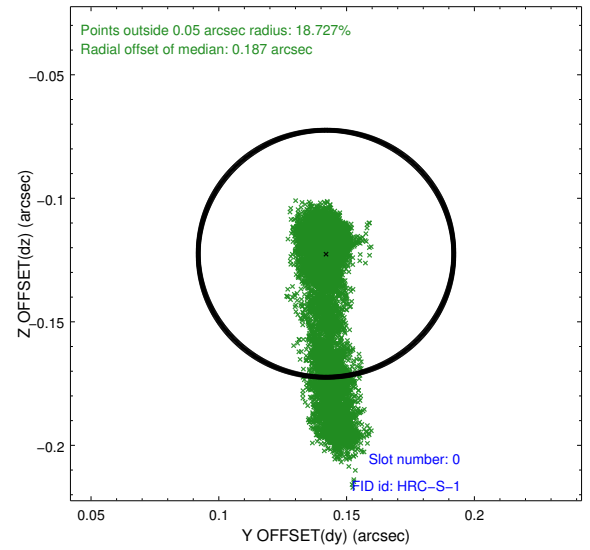
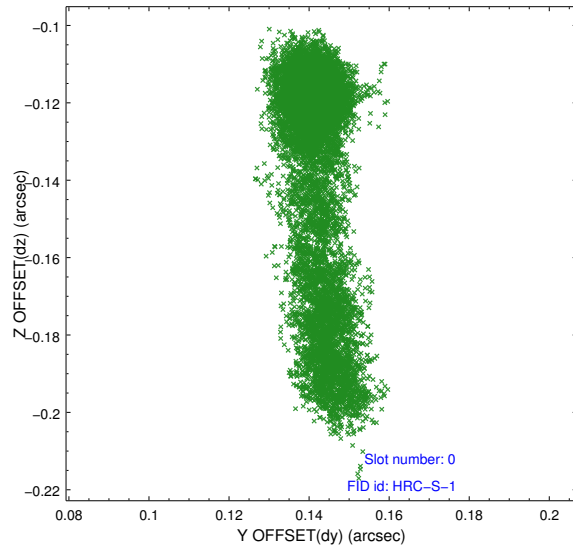


2.4.5 Slot 7

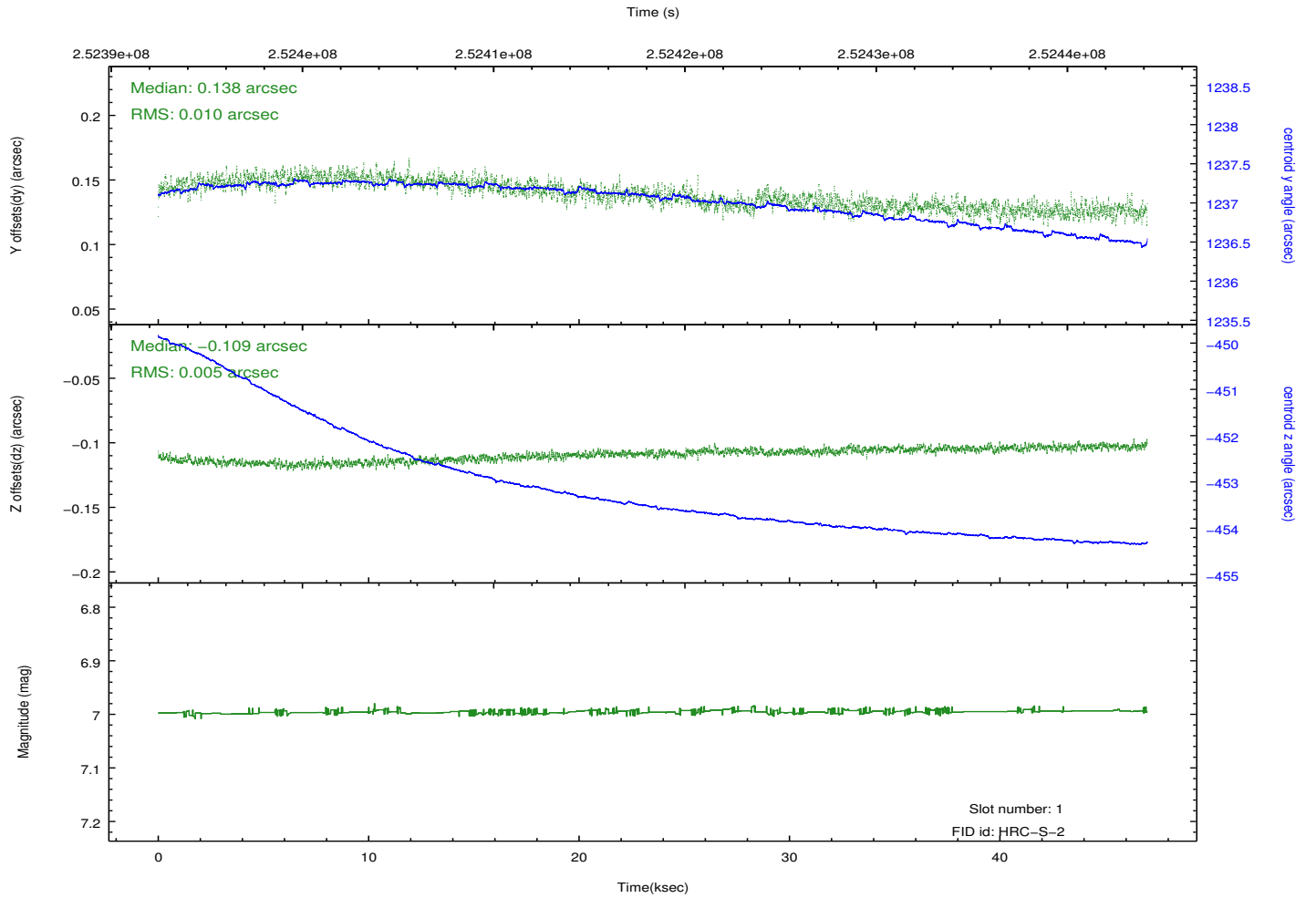
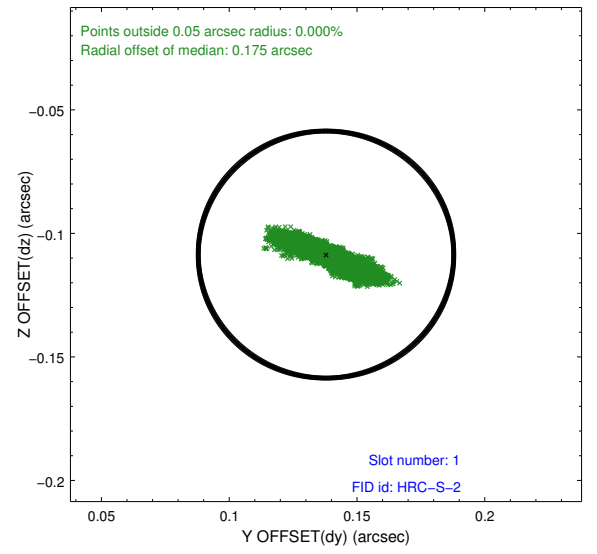
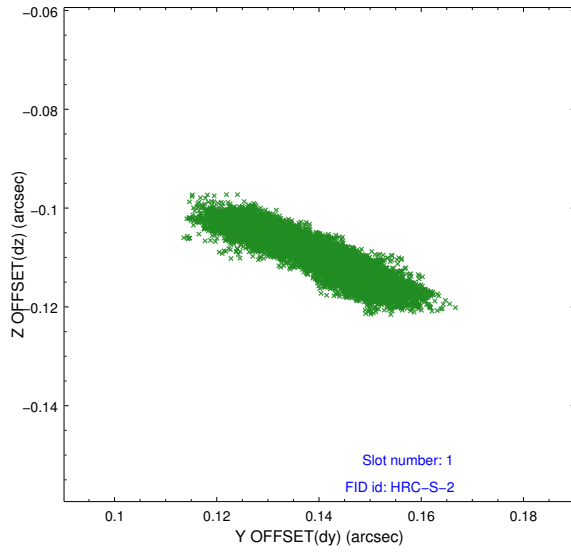


2.5 FID Slots

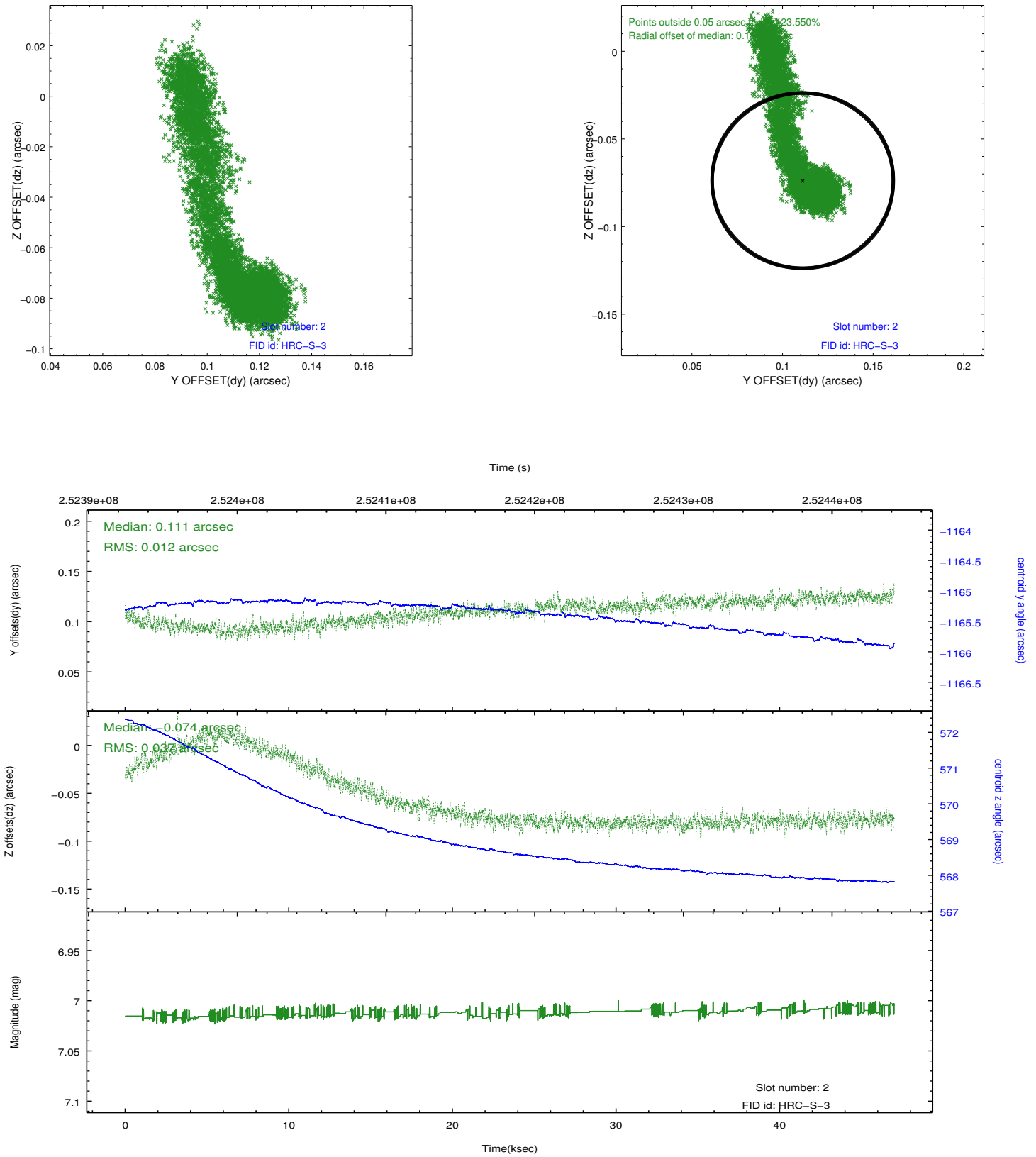
2.5.1 Slot 0



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	44.35918

A.2 Comments