

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3737 - L2 Version 4
Chandra X-Ray Center

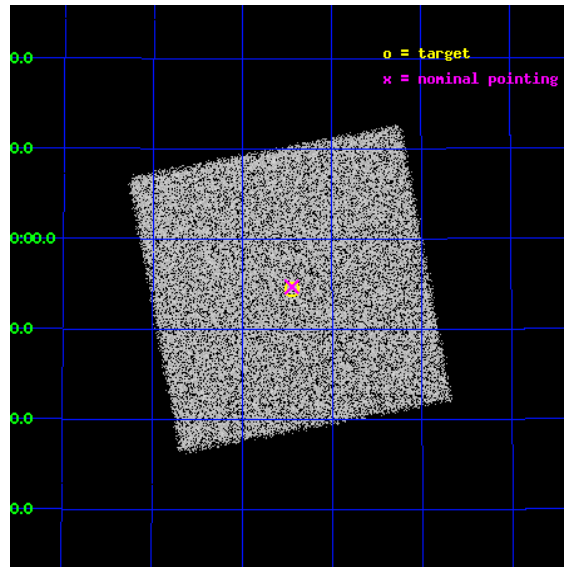
L2 Processing Date : Oct 28 2012

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1 Front

seq_num	200207	Sequence number
obs_id	3737	Observation id
title	X-RAY ACTIVITY IN M-TYPE GIANTS	Proposal title
observer	Dr Matthias Huensch	Principal investigator
object	HR 7547	Source name
ra_targ	296.8625	Observer's specified target RA [deg]
dec_targ	47.907778	Observer's specified target Dec [deg]
ra_nom	296.86188820115	Nominal RA [deg]
dec_nom	47.912086429286	Nominal Dec [deg]
roll_nom	124.20970250189	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2444.8813536167	[s]
livetime	2431.7986849774	Ontime multiplied by DTCOR
l2events	69243	Number of level 2 events

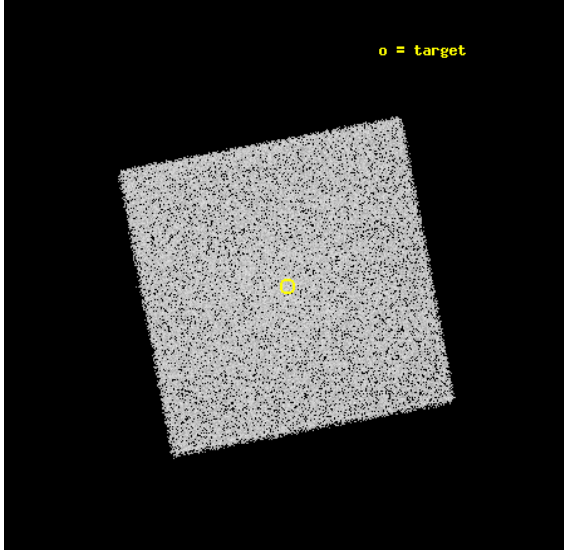


2 OBI

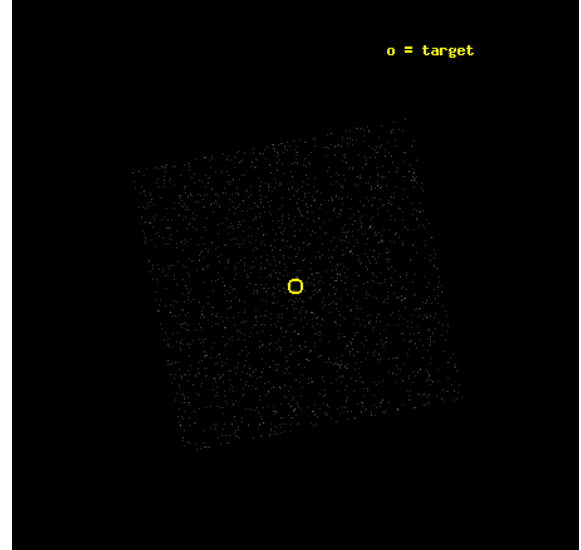
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2550.272000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2444.8813536167	[s]
caldbver	4.5.2	 	l1events	137709	Number of level 1 events
date	2012-10-28T13:24:29	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

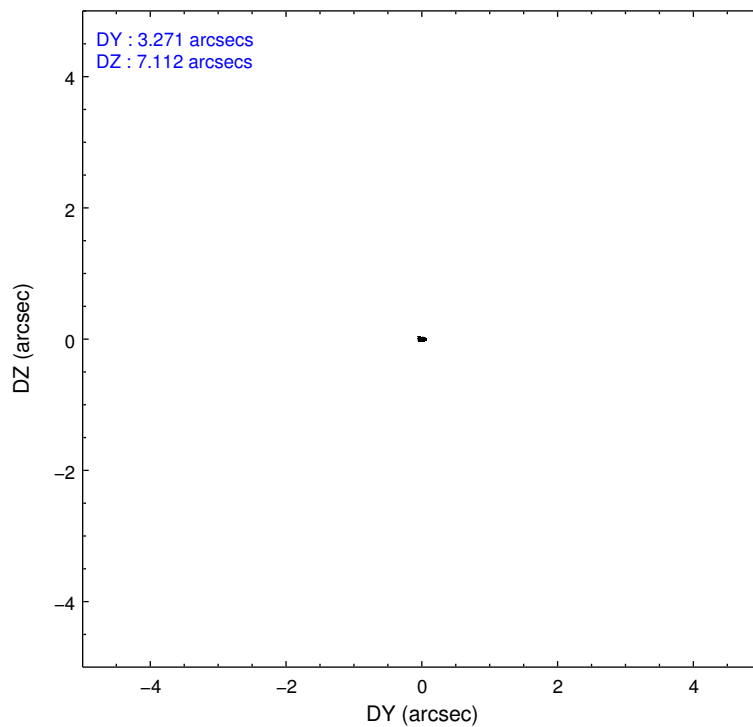
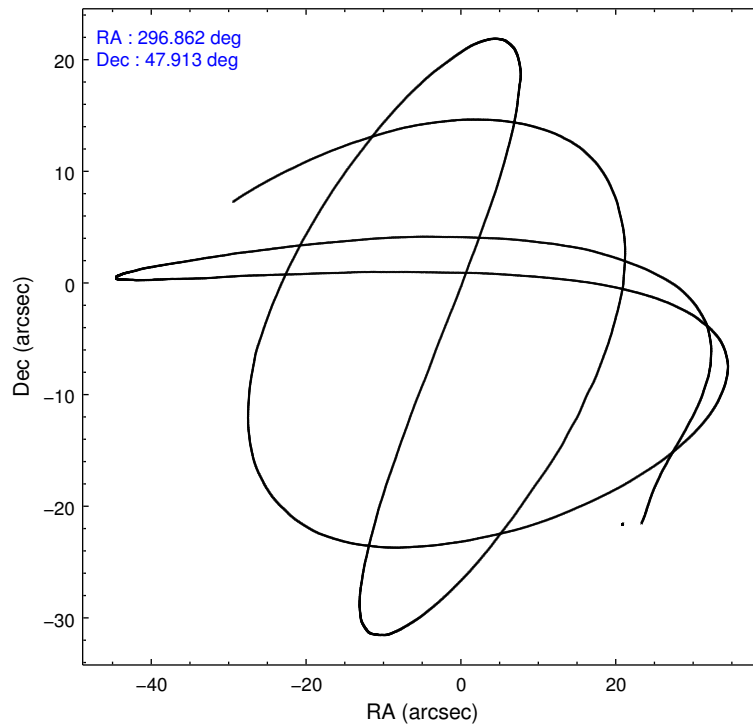
Level 1 Events

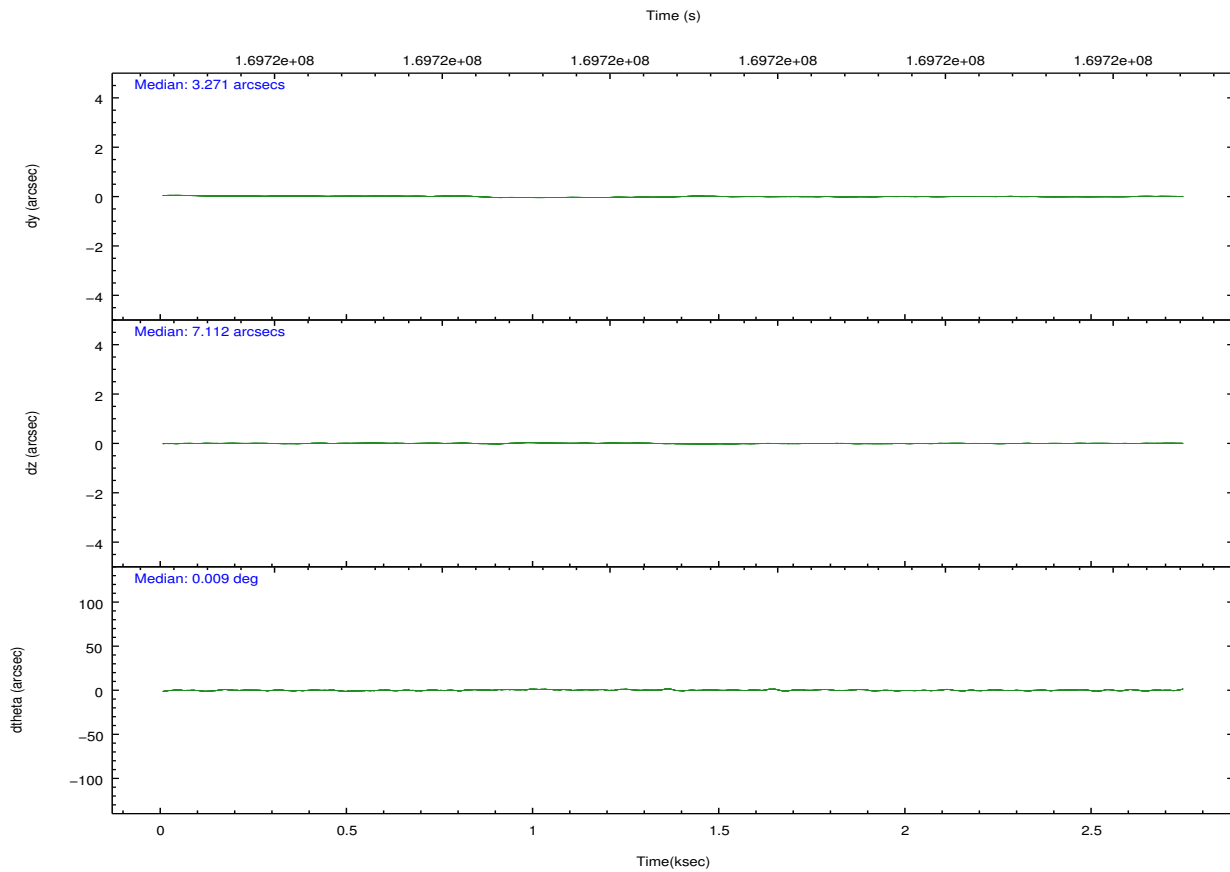
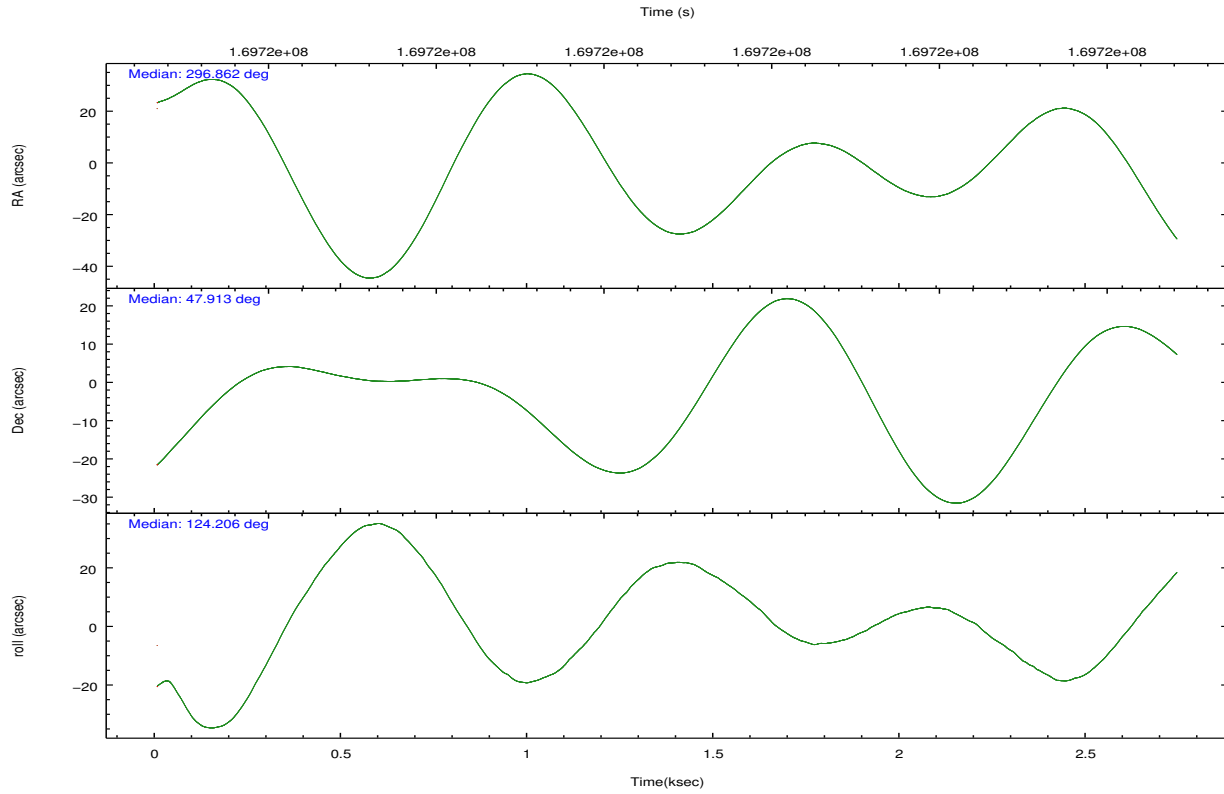
	segment 0
level 1 events	137709
rejected events	35336
rejected %	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	296.898056	296.8618882011453			
[deg] Pointing Dec	47.900639	47.91208642928604			
[deg] Pointing Roll	124.278319	124.2097025018917			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	169721508.184000	169720616.89545			
Observation start date	2003-05-19T08:50:44	2003-05-19T08:36:56			
[s] Observation end time (MET)	169724058.184000	169724373.00811			
Observation end date	2003-05-19T09:33:14	2003-05-19T09:39:33			

2.3 Aspect



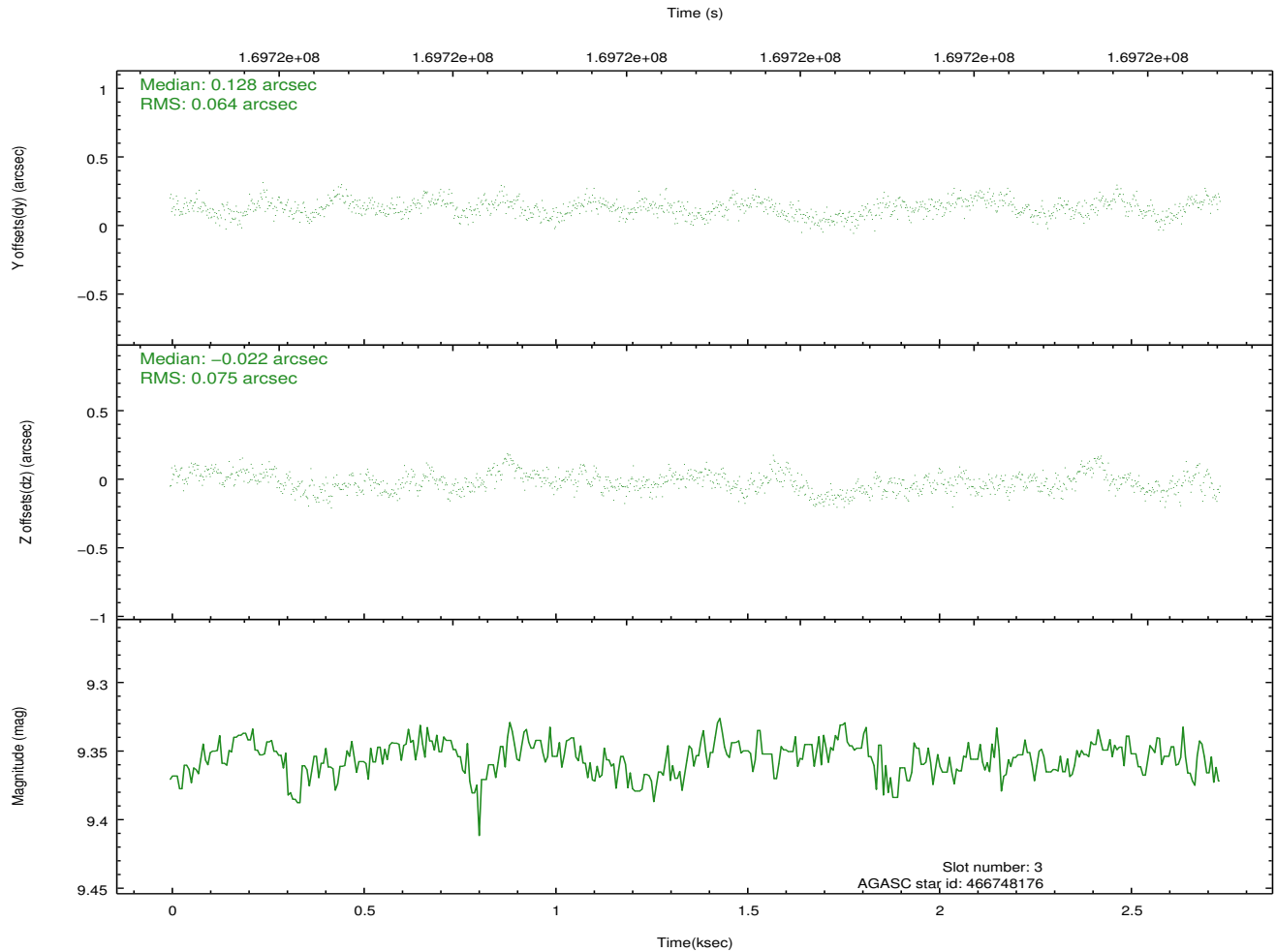
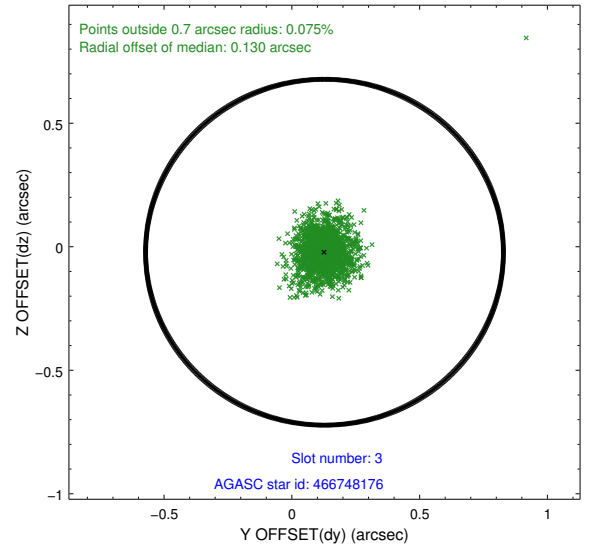
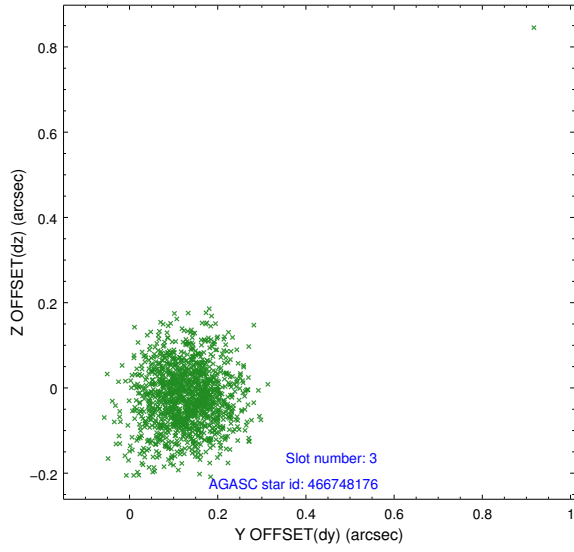


Slot Statistics

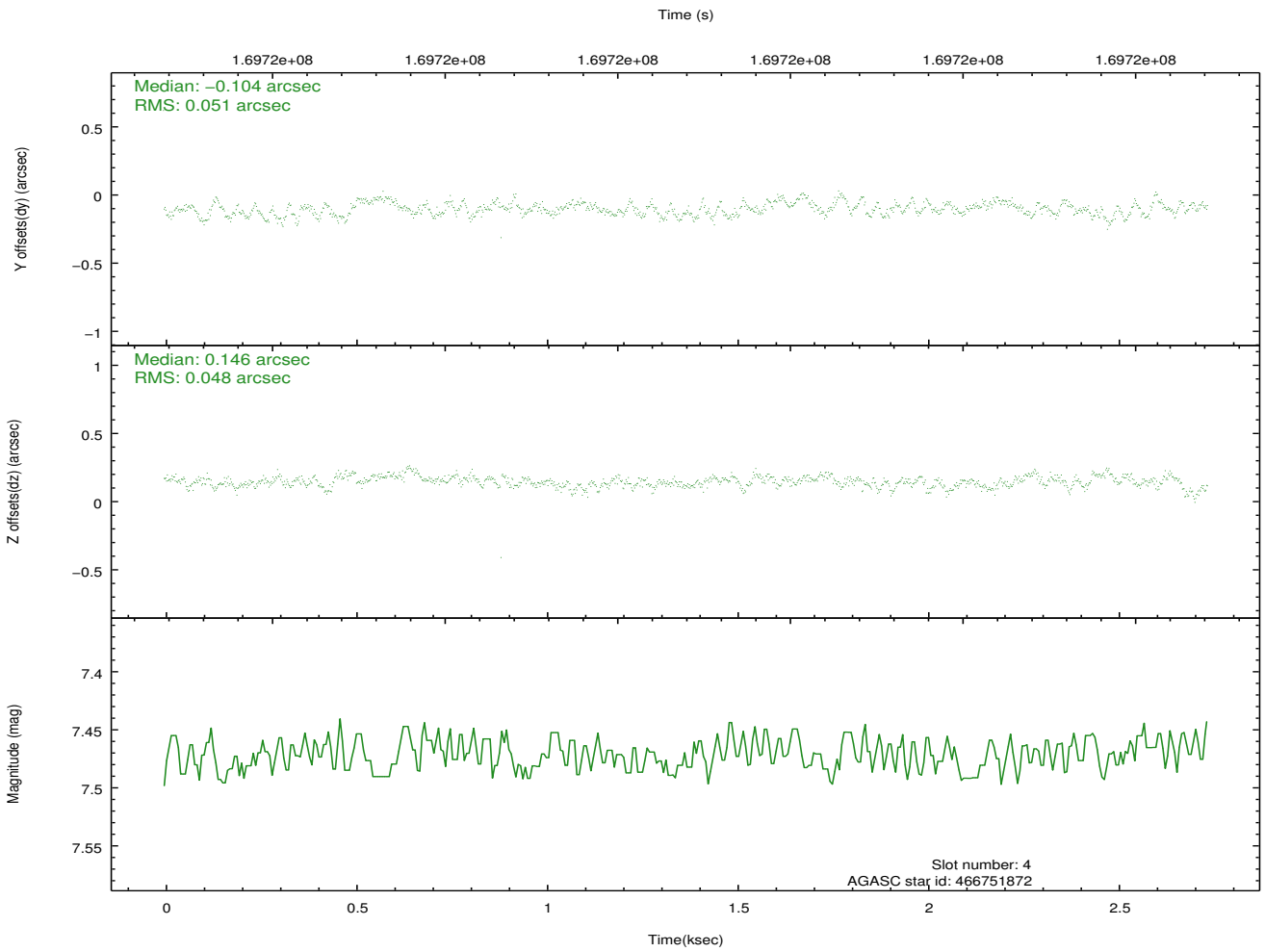
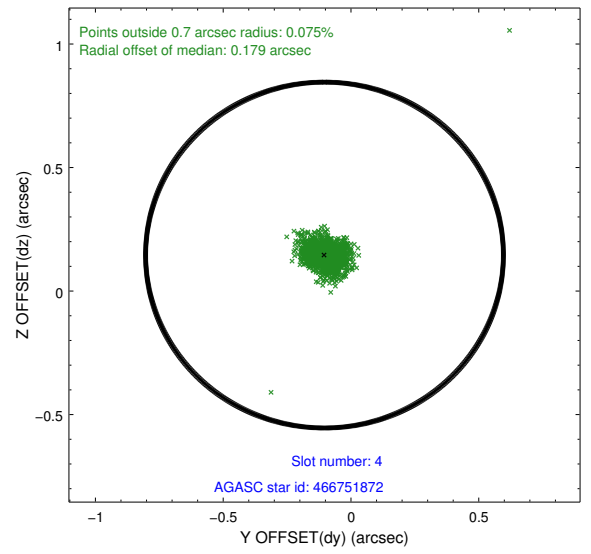
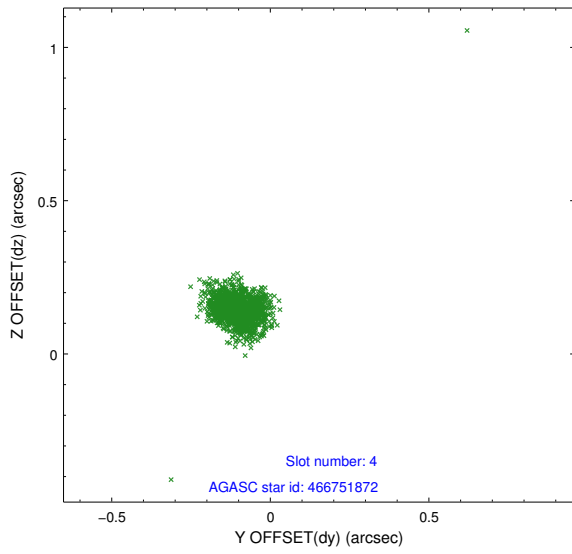
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	669	0.088	-0.016	0.006	0.010	0.000000	0.000000	853.96	-1296.60
1	FID	HRC-I-3	7.05	669	-0.035	0.014	0.006	0.009	0.000000	0.000000	-1185.99	1007.63
2	FID	HRC-I-4	6.99	669	0.066	-0.084	0.006	0.010	0.000000	0.000000	1282.34	1008.58
3	GUIDE	466748176	9.35	1336	0.128	-0.022	0.101	0.161	297.278339	47.857059	-644.48	-670.08
4	GUIDE	466751872	7.47	1337	-0.104	0.146	0.065	0.105	297.554889	48.391583	581.66	-2295.04
5	GUIDE	466755080	8.12	1337	-0.123	0.054	0.061	0.098	296.626318	48.453649	2012.24	-585.41
6	GUIDE	466761064	8.82	1337	0.118	-0.217	0.076	0.116	296.930524	47.552995	-1076.51	640.90
7	GUIDE	466879136	9.59	1336	-0.025	0.040	0.104	0.187	298.147389	47.749491	-2132.84	-2203.76

2.4 Star Slots

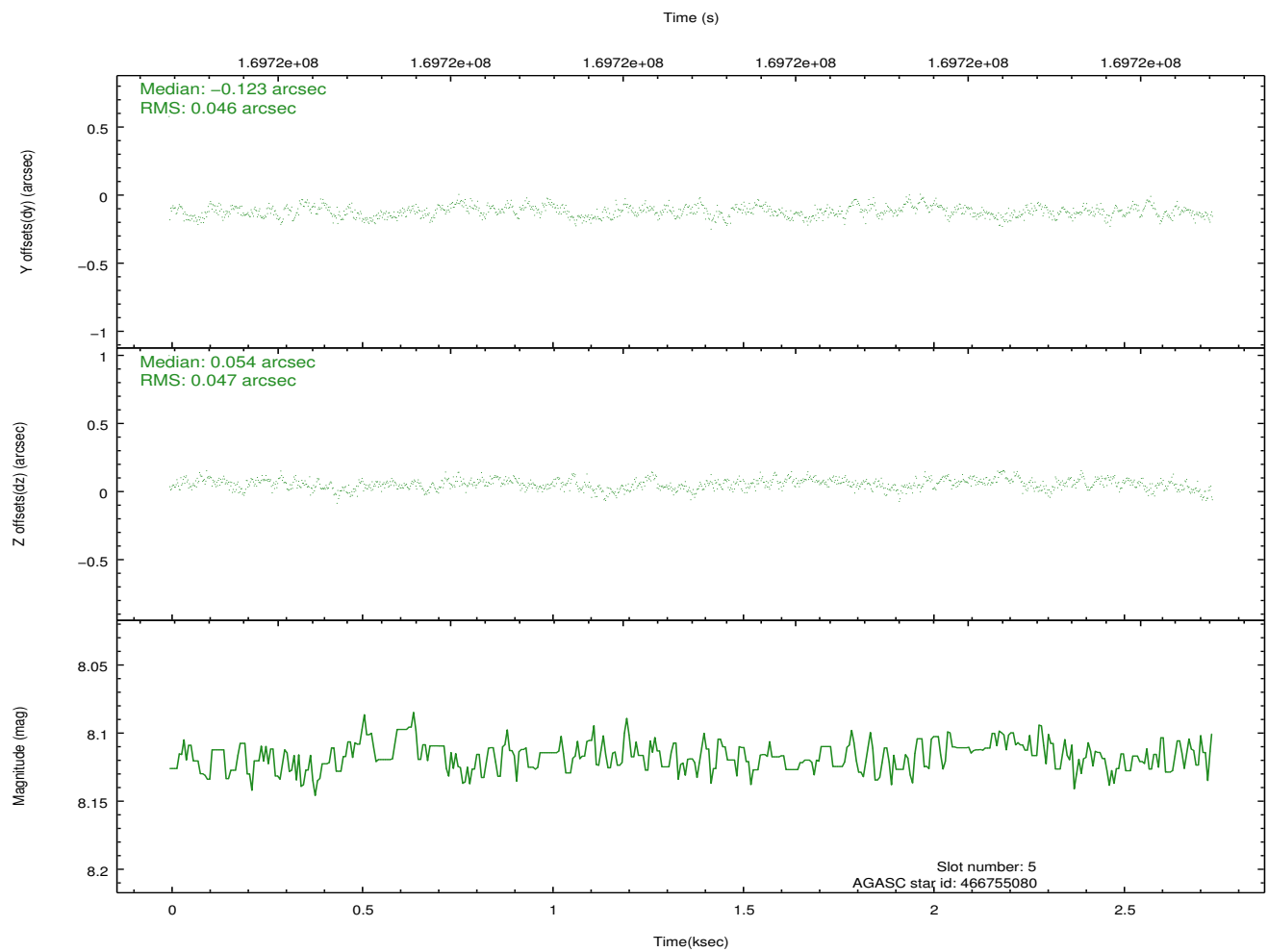
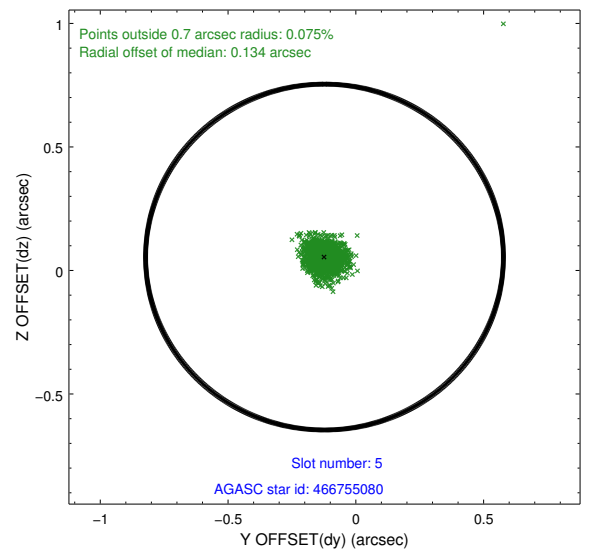
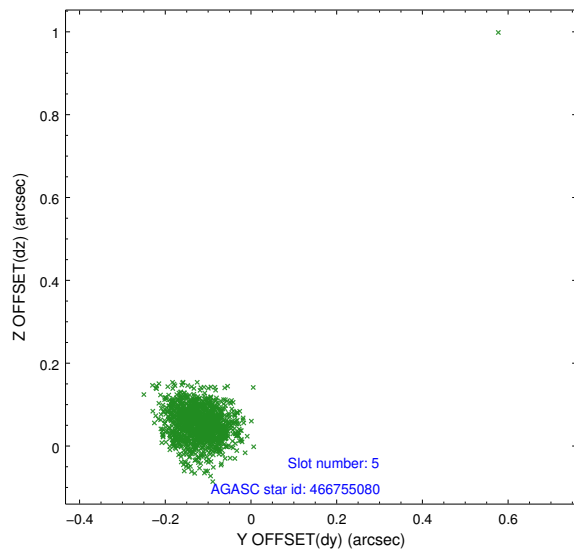
2.4.1 Slot 3



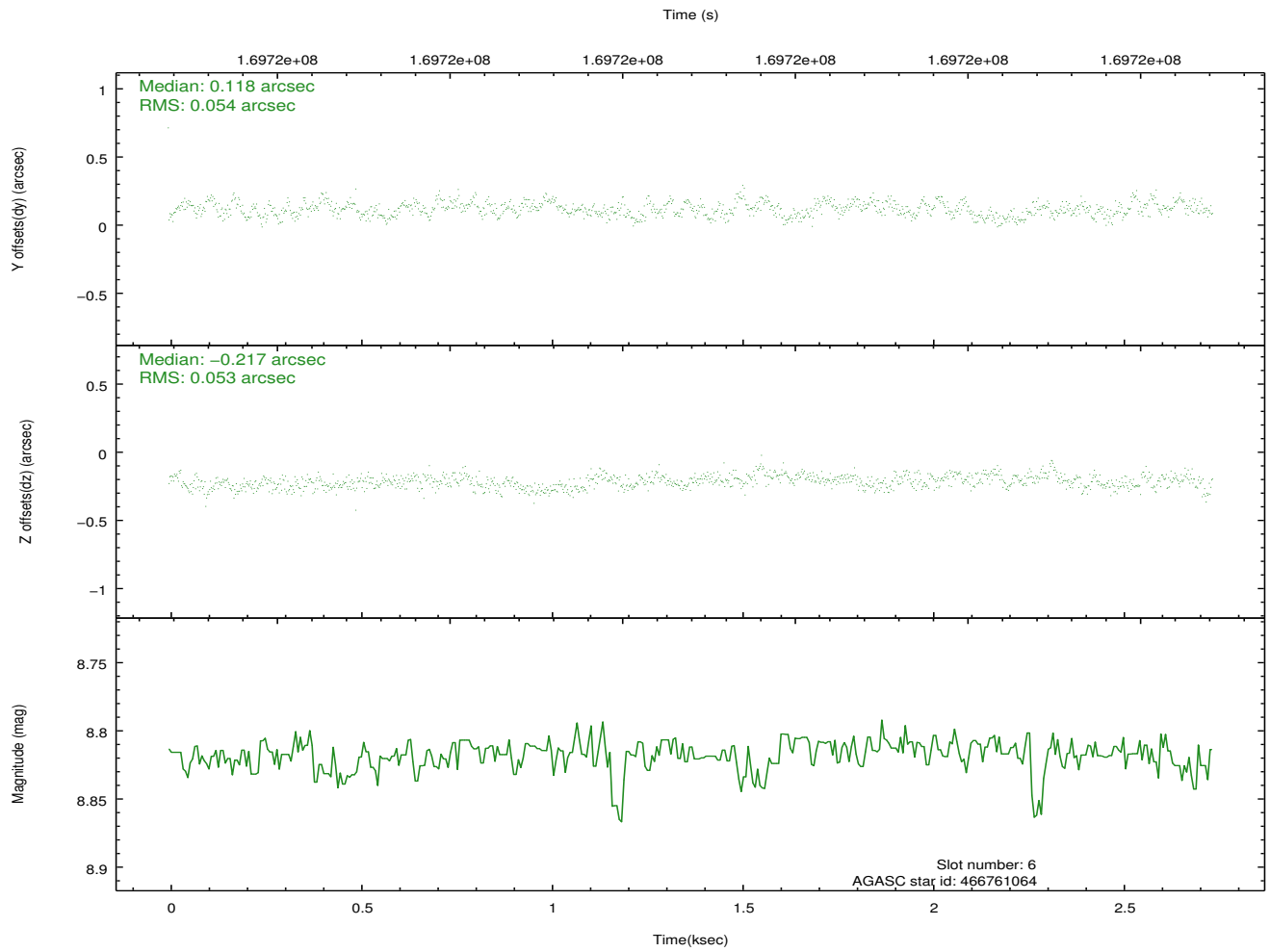
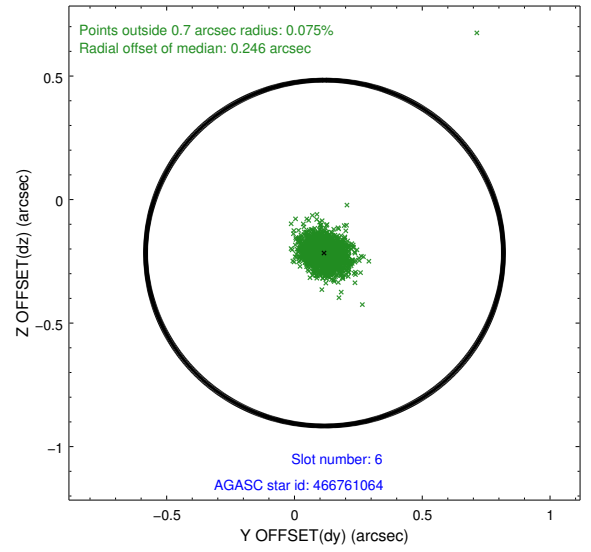
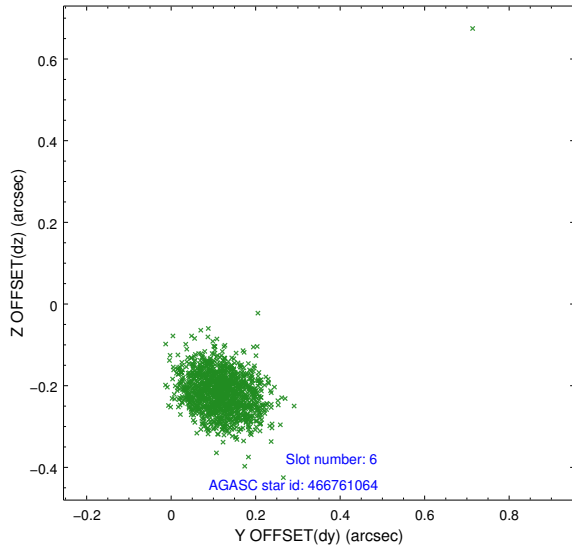
2.4.2 Slot 4



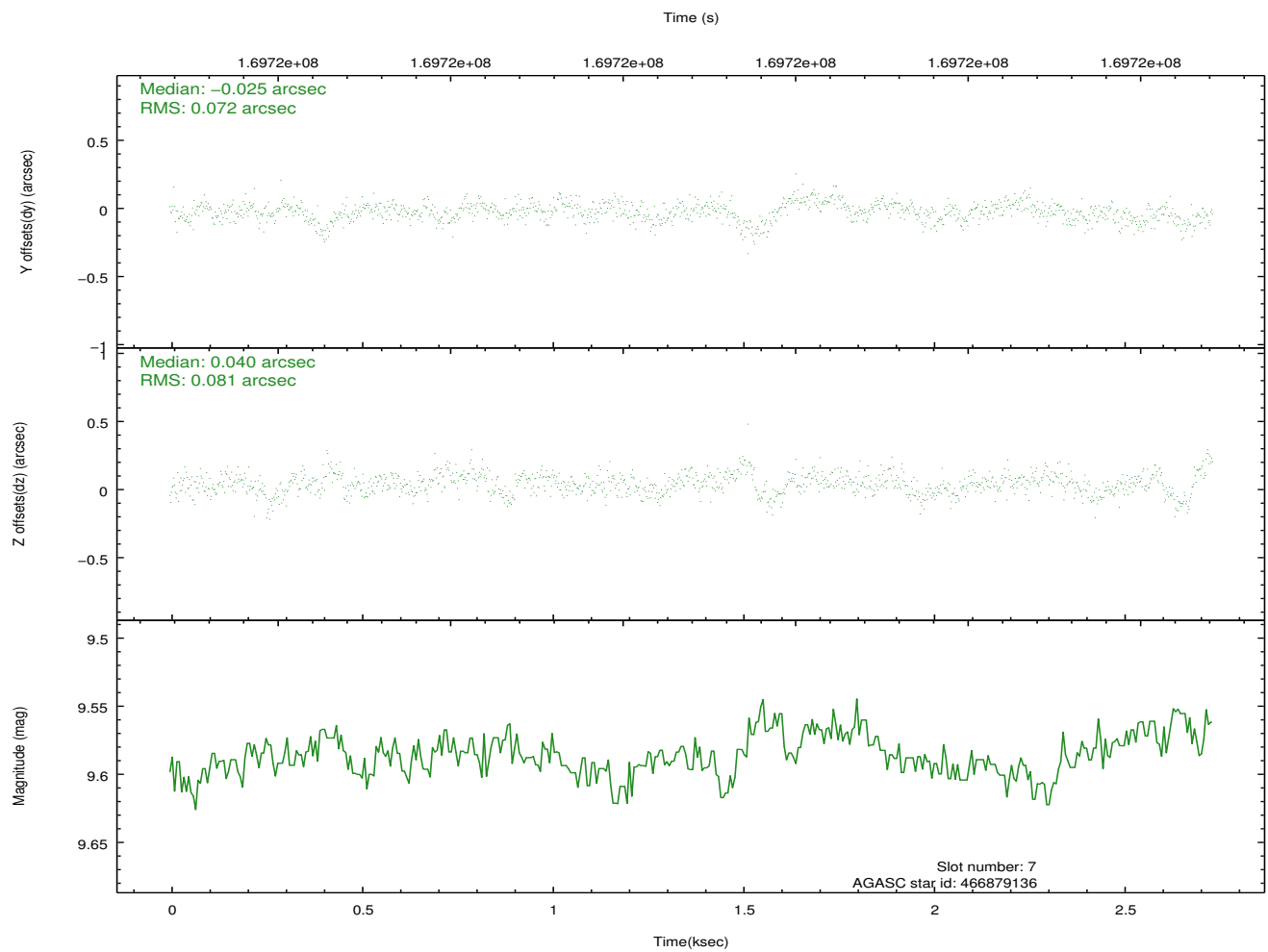
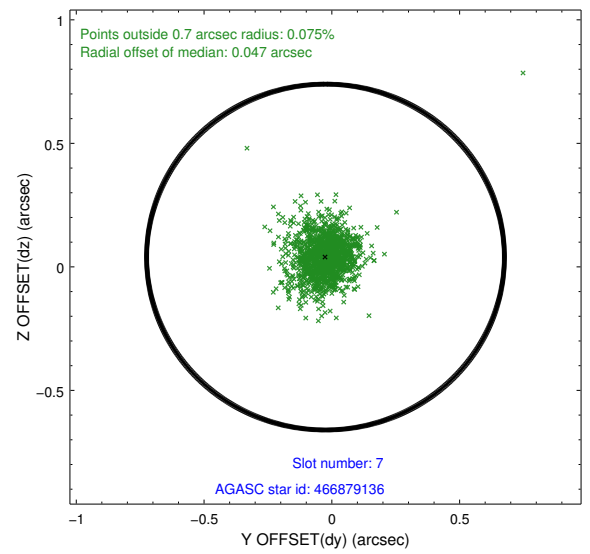
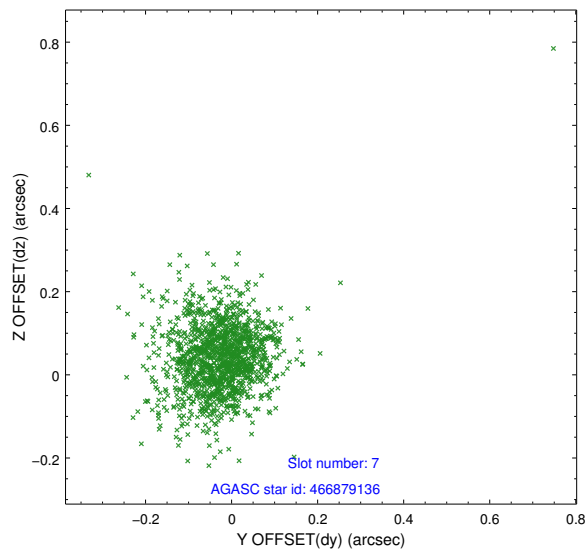
2.4.3 Slot 5



2.4.4 Slot 6

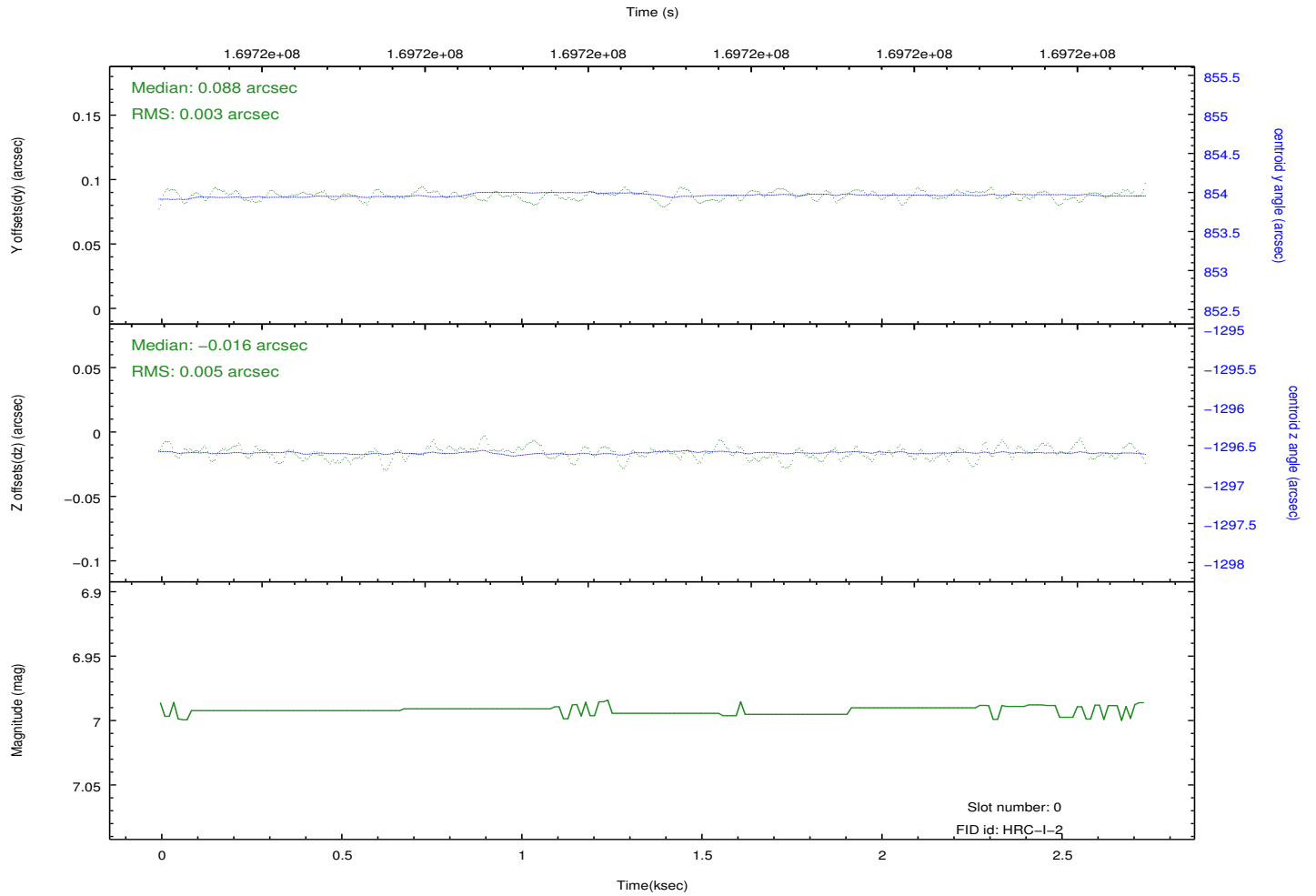
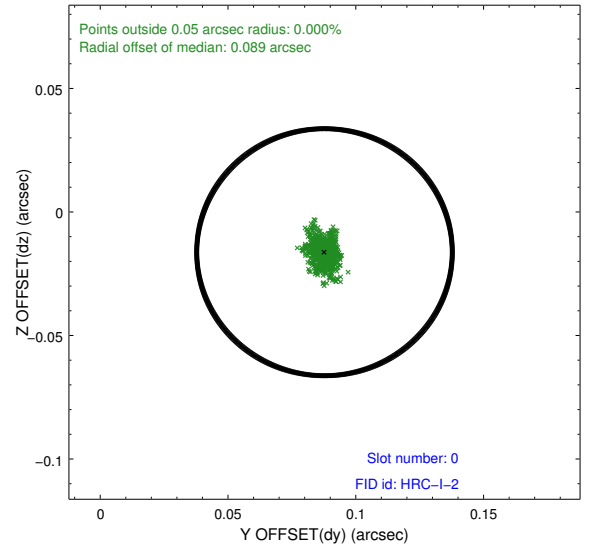
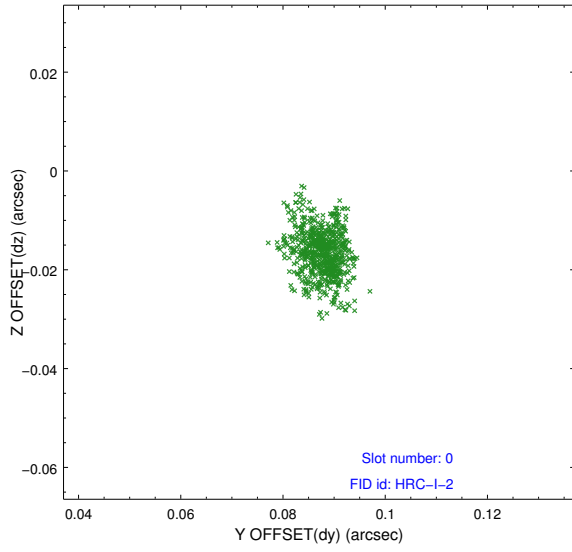


2.4.5 Slot 7

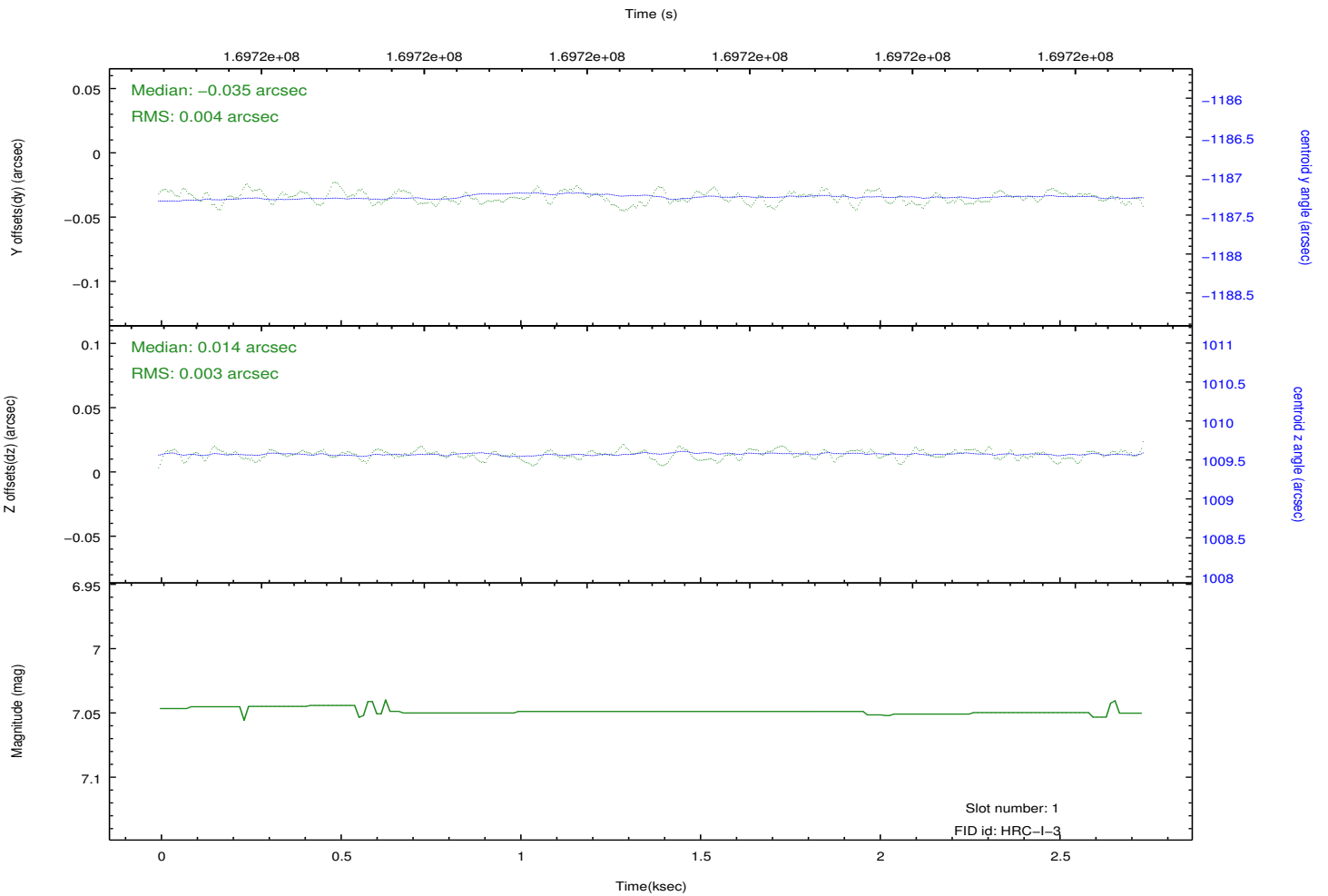
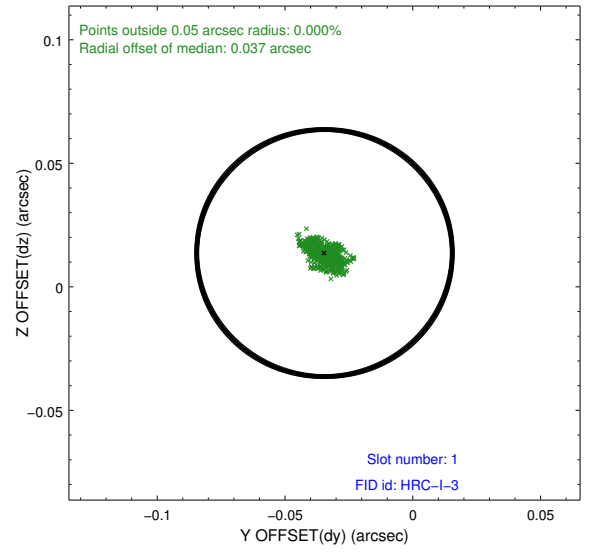
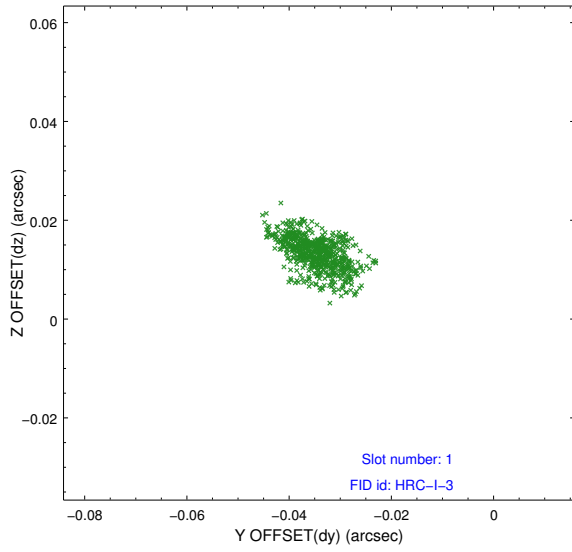


2.5 FID Slots

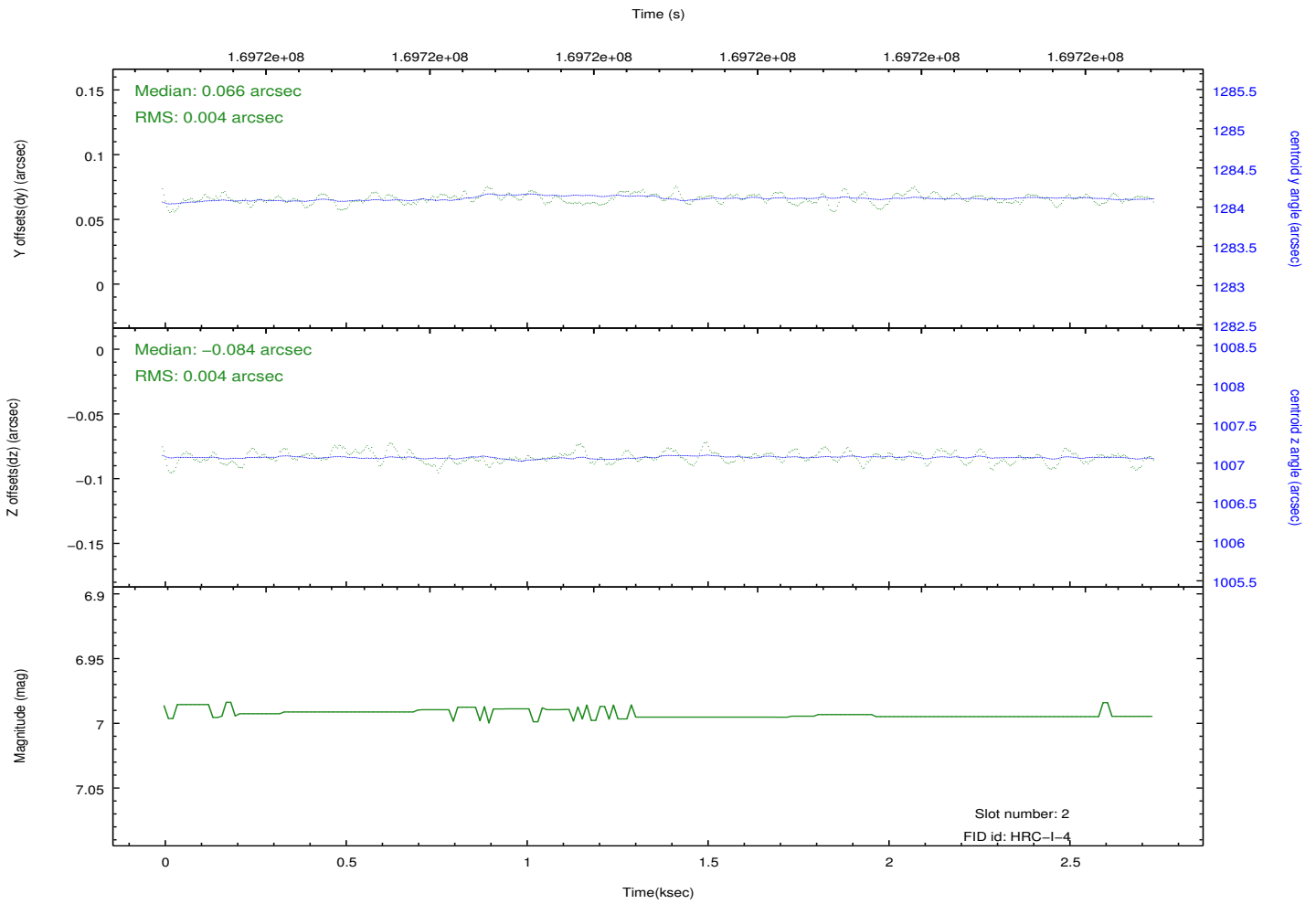
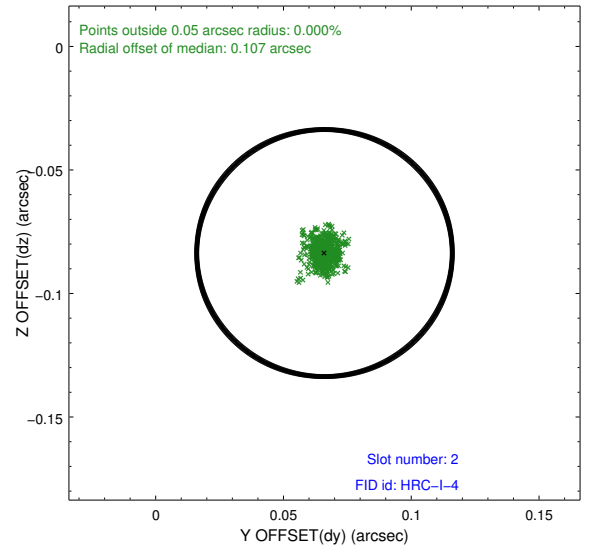
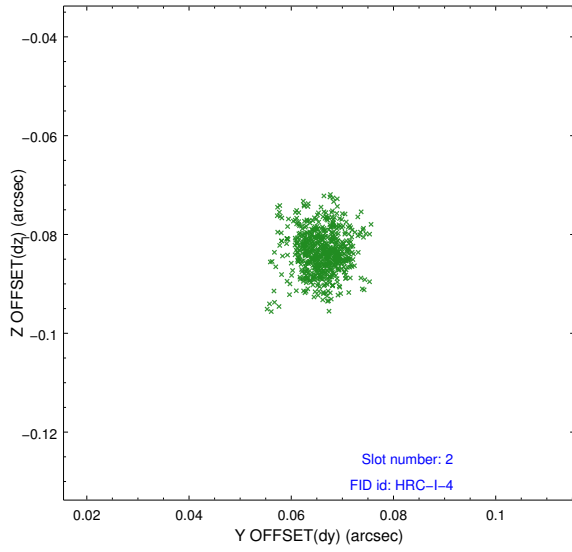
2.5.1 Slot 0



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)	2012.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.444

A.2 Comments