

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2911 - L2 Version 4
Chandra X-Ray Center

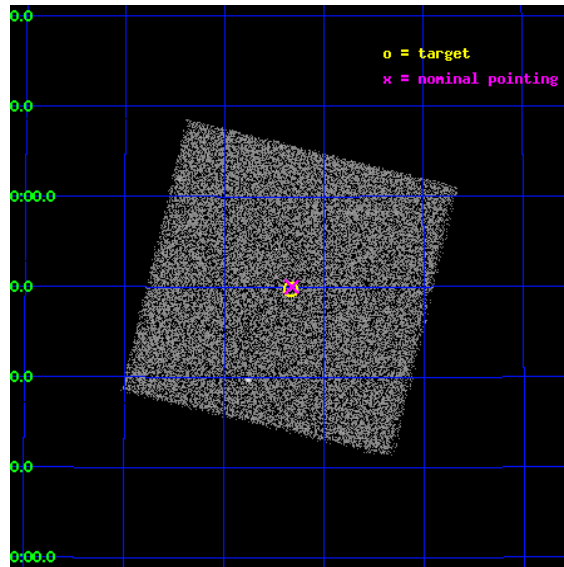
L2 Processing Date : Sep 23 2012

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1 Front

seq_num	600248	Sequence number
obs_id	2911	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N2	Source name
ra_targ	11.332917	Observer's specified target RA [deg]
dec_targ	41.83	Observer's specified target Dec [deg]
ra_nom	11.330584998044	Nominal RA [deg]
dec_nom	41.833868091896	Nominal Dec [deg]
roll_nom	148.71079225693	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1183.8750467747	[s]
livetime	1176.4075220075	Ontime multiplied by DTCOR
l2events	46698	Number of level 2 events

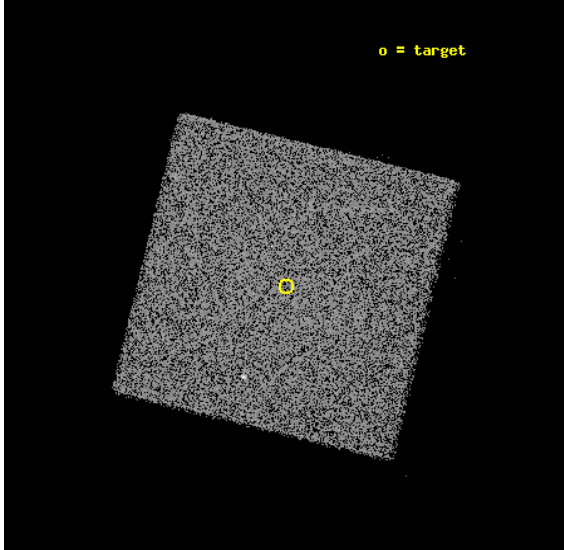


2 OBI

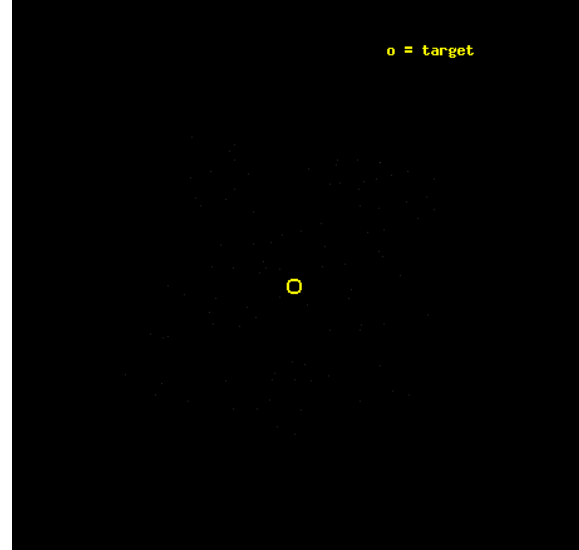
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1183.8750467747	[s]
caldbver	4.5.1.1	 	l1events	80488	Number of level 1 events
date	2012-09-23T15:06:17	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

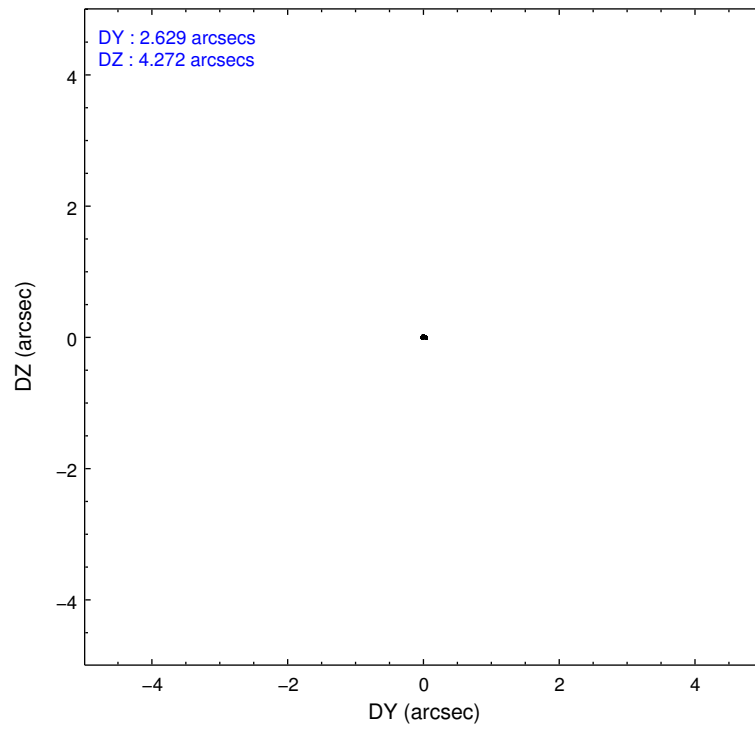
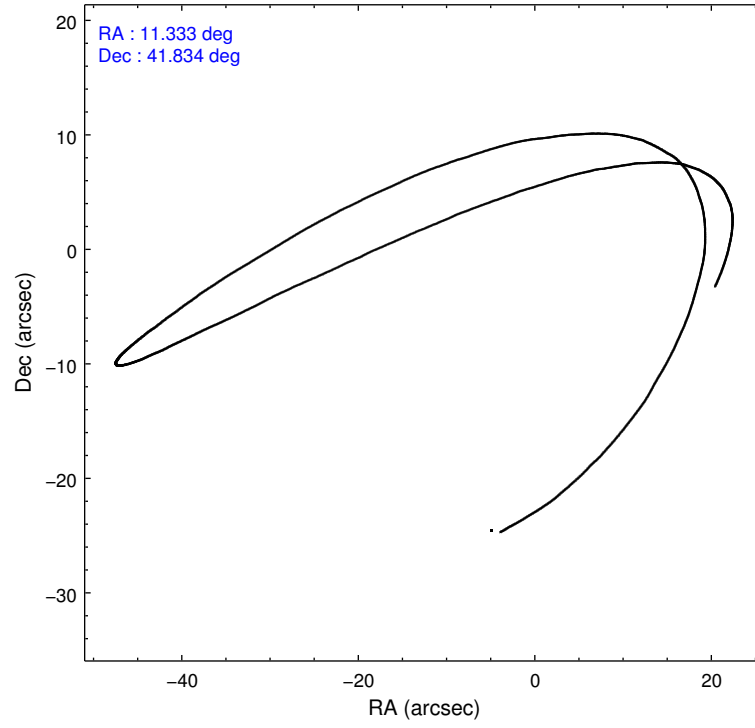
Level 1 Events

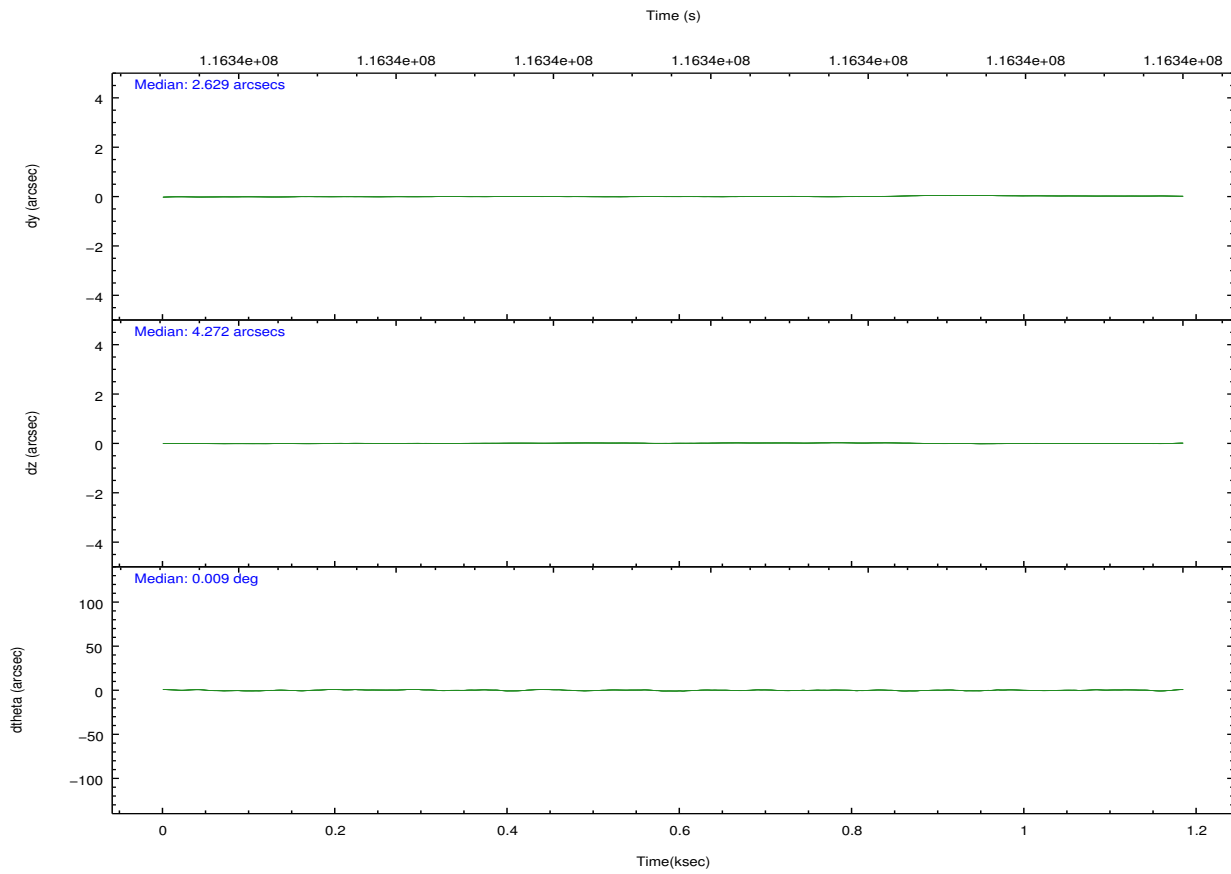
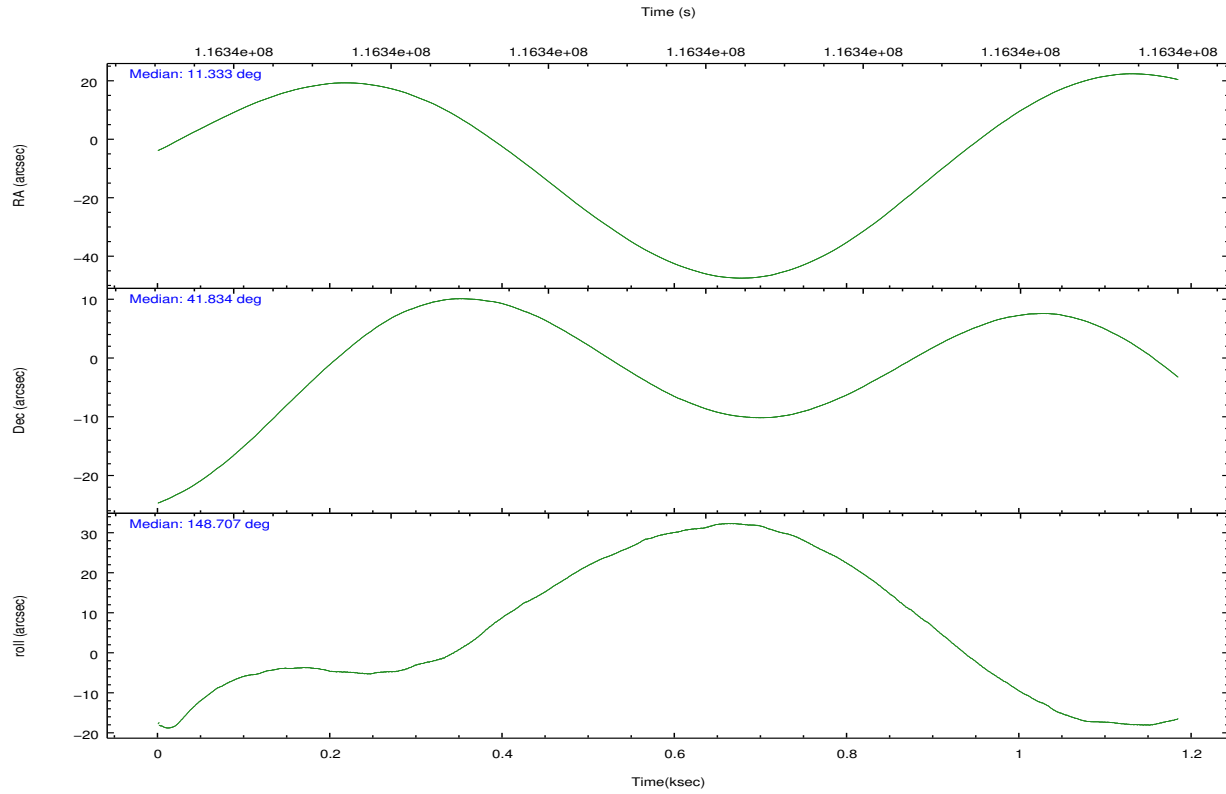
	segment 0
level 1 events	80488
rejected events	13812
rejected %	17%

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	11.365999	11.33058499804429			
[deg] Pointing Dec	41.833378	41.83386809189574			
[deg] Pointing Roll	148.782706	148.7107922569303			
[s] Window start time (MET)	117072064.184000	117072064.184000			
[s] Window stop time (MET)	117676864.184000	117676864.184000			
[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)	116342745.184000	116342369.28044			
Observation start date	2001-09-08T13:24:41	2001-09-08T13:19:29			
[s] Observation end time (MET)	116343745.184000	116344626.33053			
Observation end date	2001-09-08T13:41:21	2001-09-08T13:57:06			

2.3 Aspect



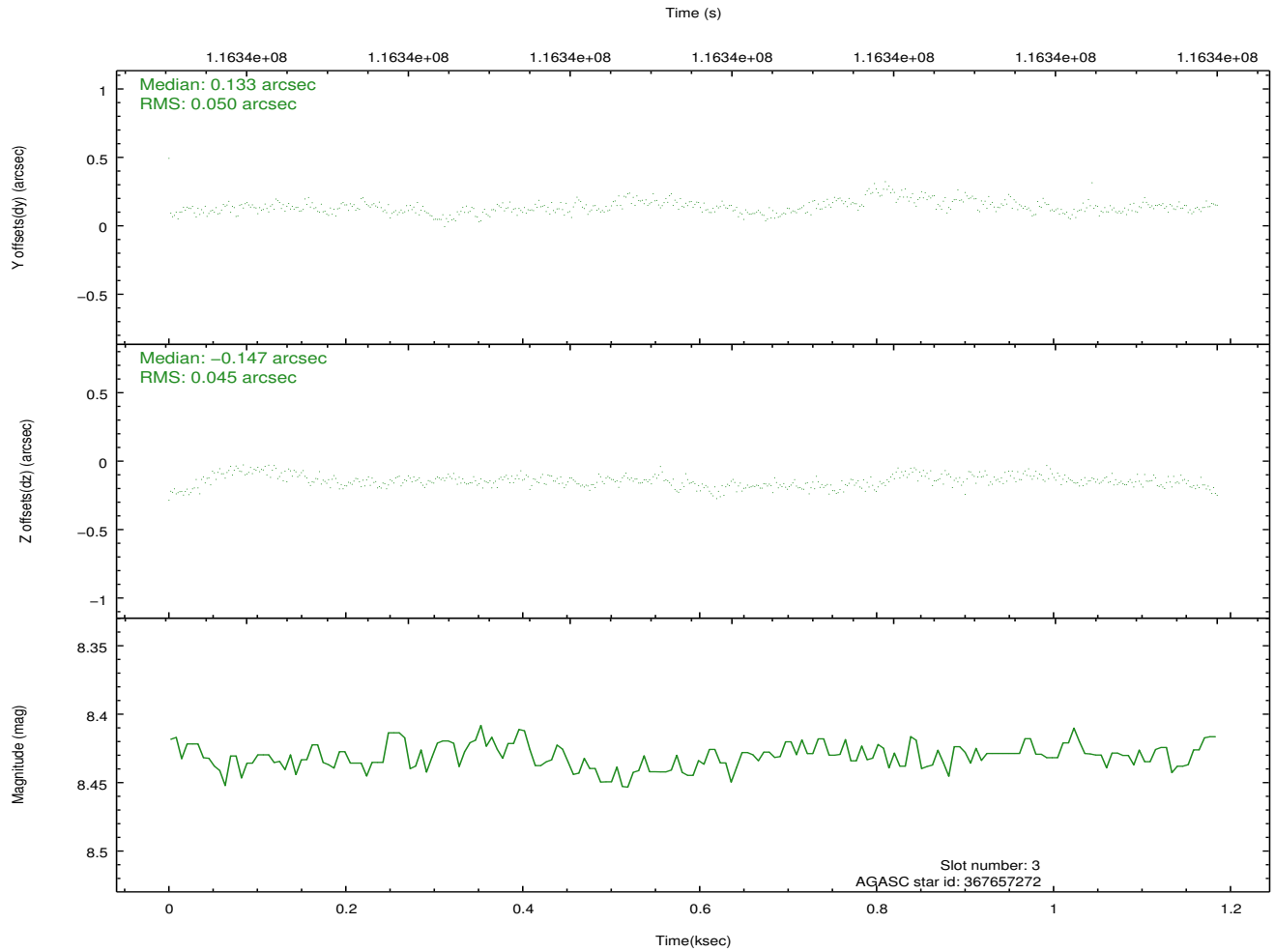
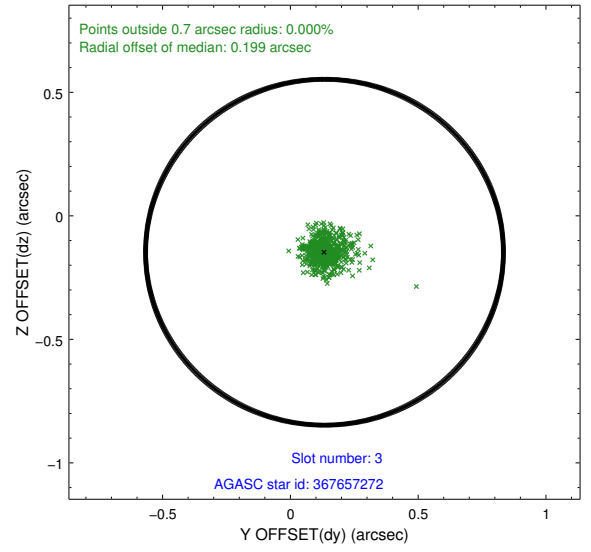
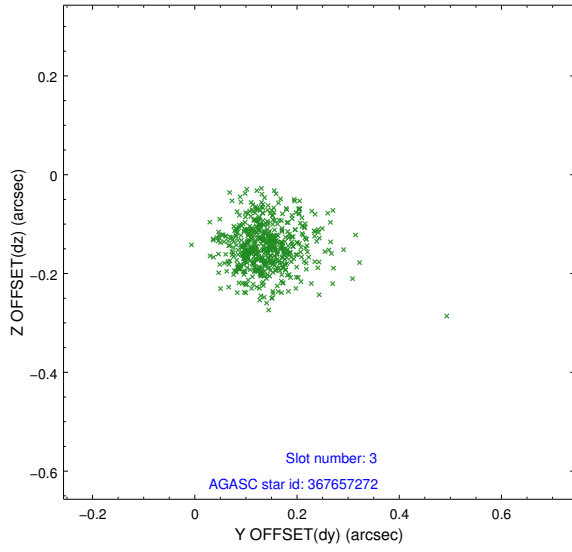


Slot Statistics

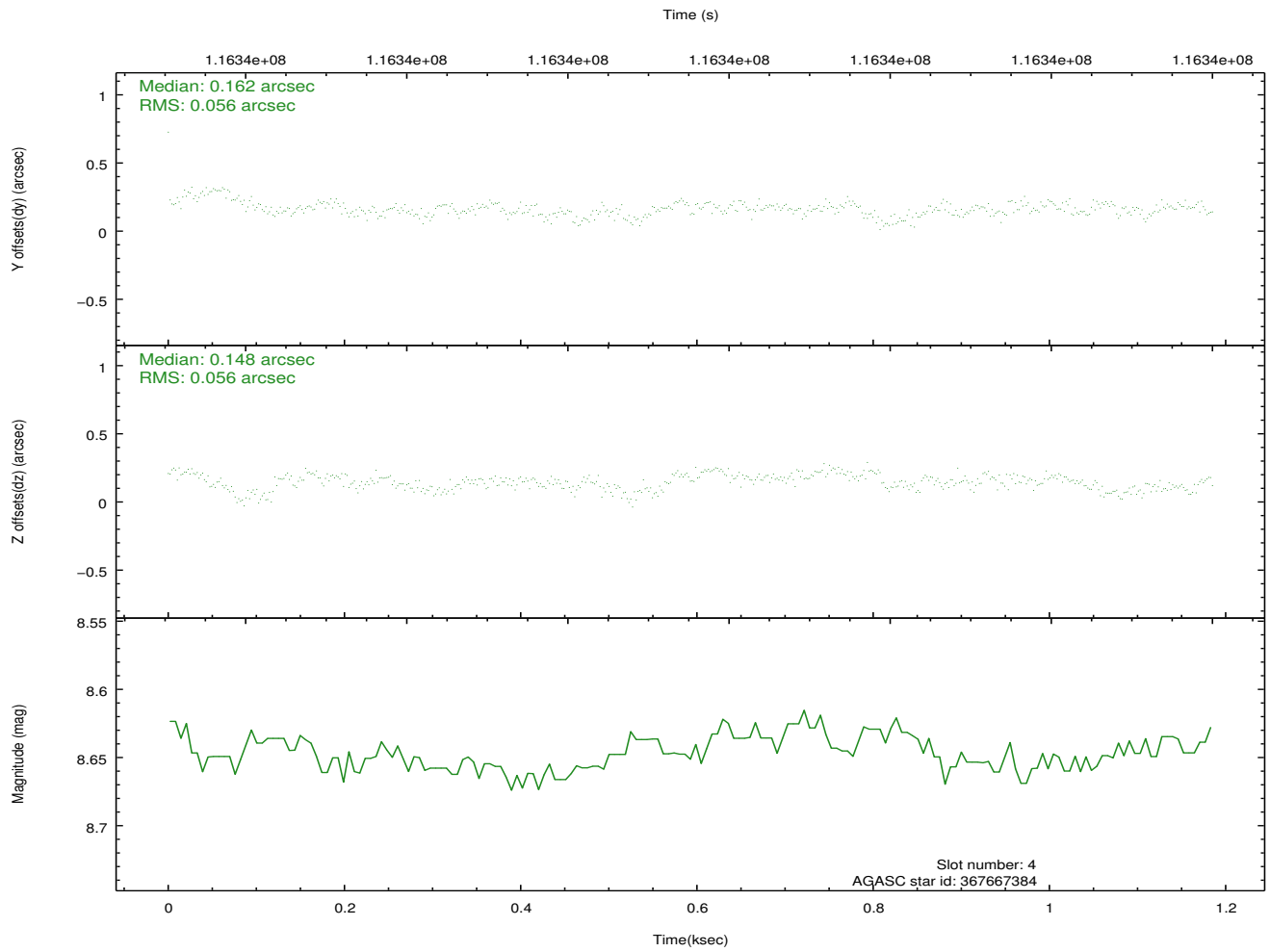
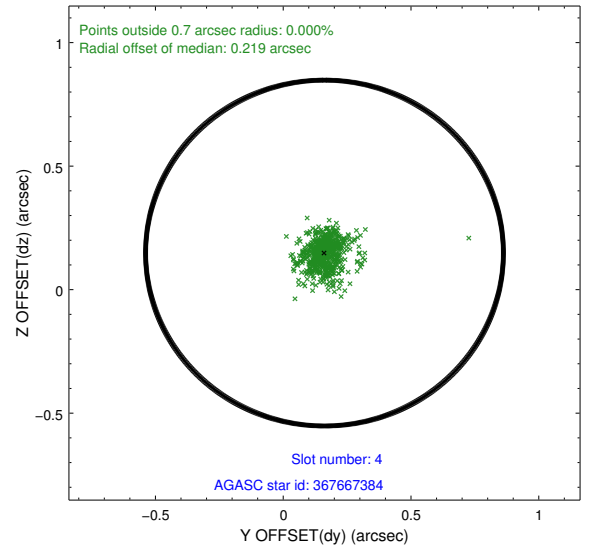
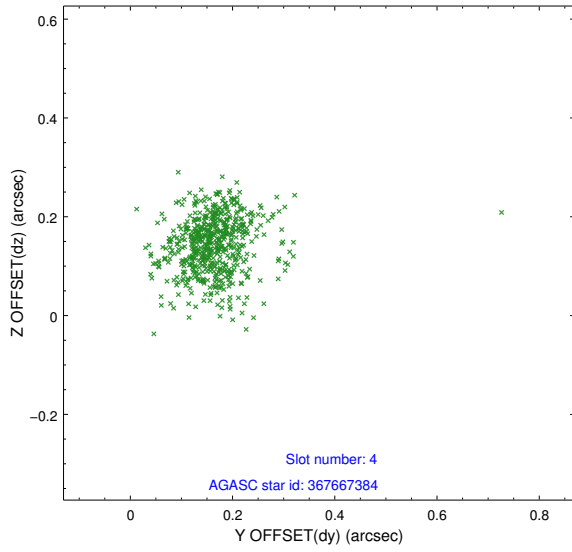
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	289	0.024	0.064	0.006	0.010	0.000000	0.000000	-758.08	-1292.03
1	FID	HRC-I-2	7.01	289	0.071	-0.067	0.006	0.010	0.000000	0.000000	851.97	-1298.20
2	FID	HRC-I-3	7.05	289	0.025	-0.087	0.006	0.011	0.000000	0.000000	-1183.61	1007.90
3	GUIDE	367657272	8.43	579	0.133	-0.147	0.069	0.116	11.834471	41.298907	-2075.83	988.77
4	GUIDE	367667384	8.65	579	0.162	0.148	0.080	0.138	12.077552	41.596878	-2075.73	-266.64
5	GUIDE	367674552	8.85	579	-0.085	-0.036	0.072	0.112	11.016238	41.570845	316.13	1297.47
6	GUIDE	367671800	9.41	579	-0.138	-0.057	0.101	0.180	10.554735	41.964935	2111.41	717.05
7	GUIDE	367670520	9.27	578	-0.075	0.109	0.081	0.134	11.265516	42.371946	1240.22	-1515.27

2.4 Star Slots

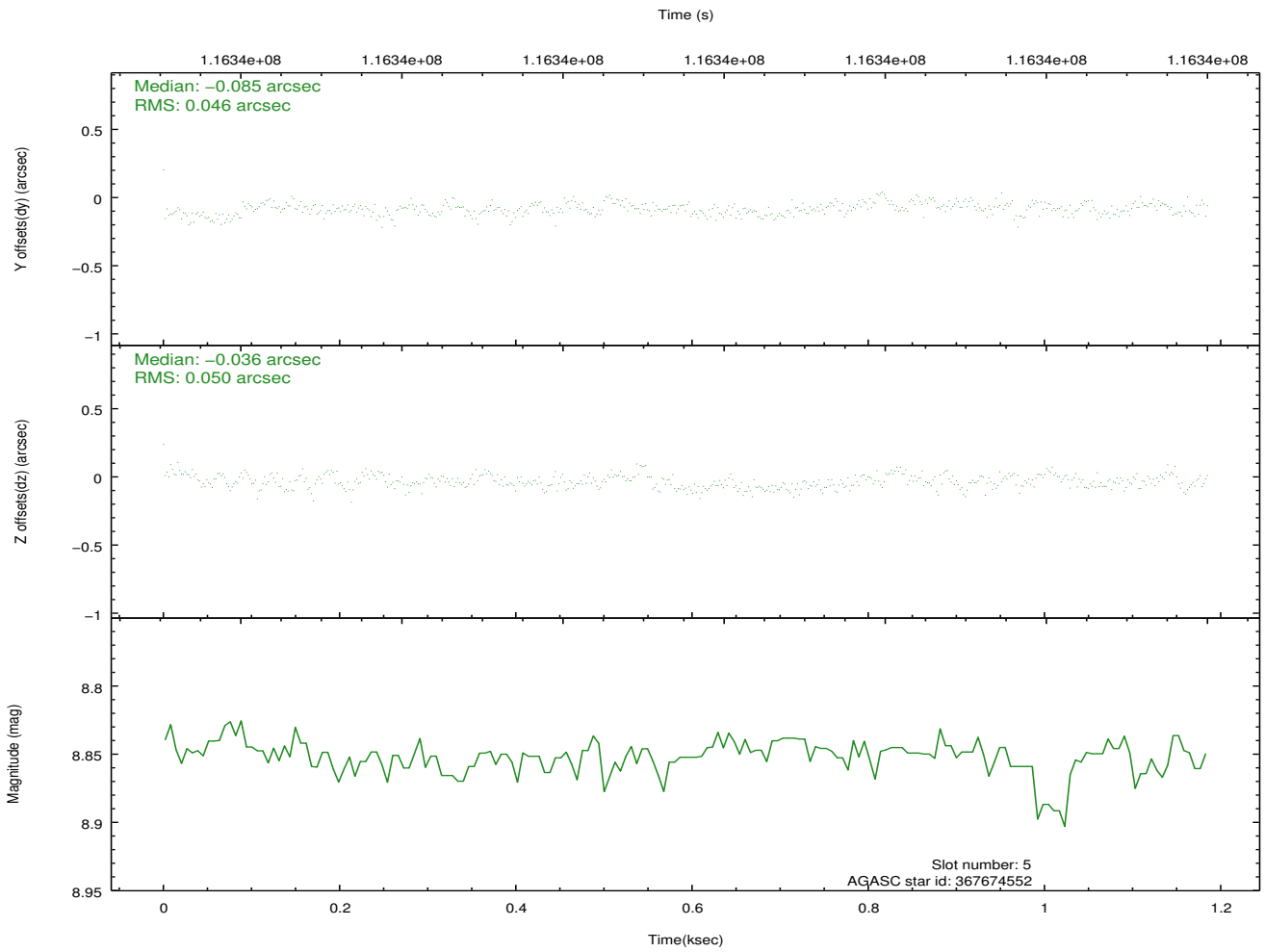
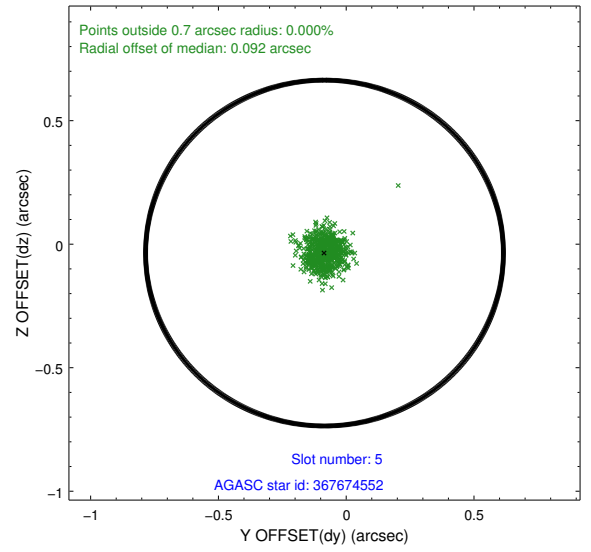
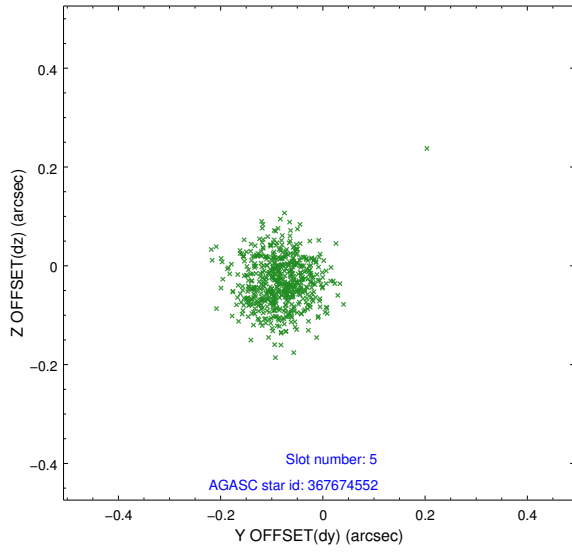
2.4.1 Slot 3



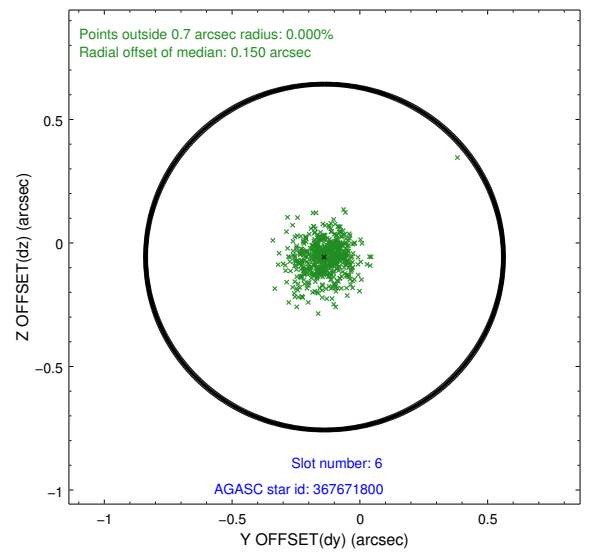
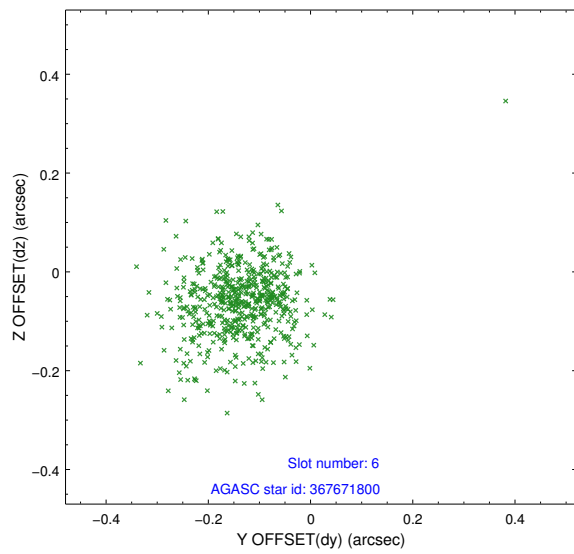
2.4.2 Slot 4



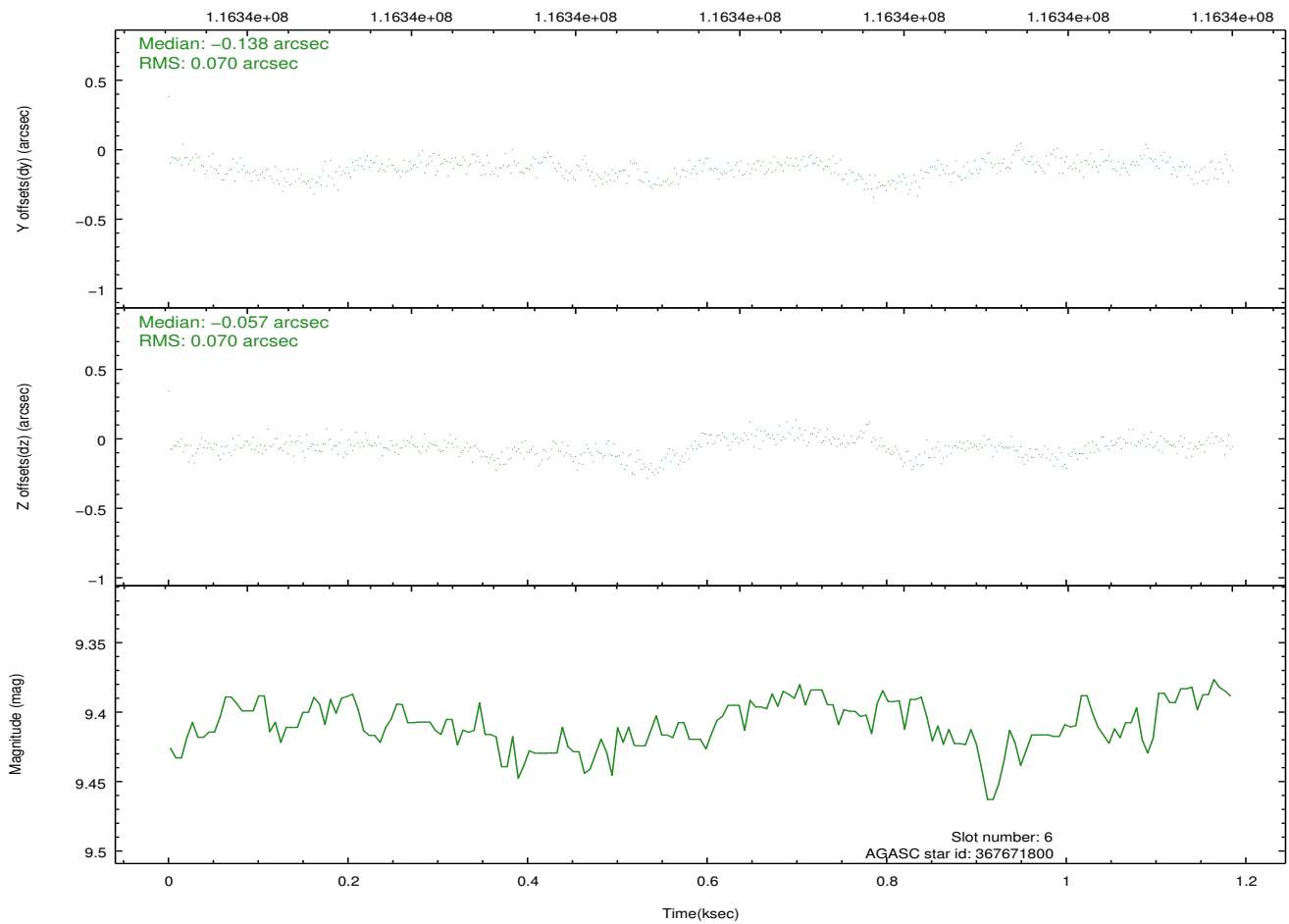
2.4.3 Slot 5



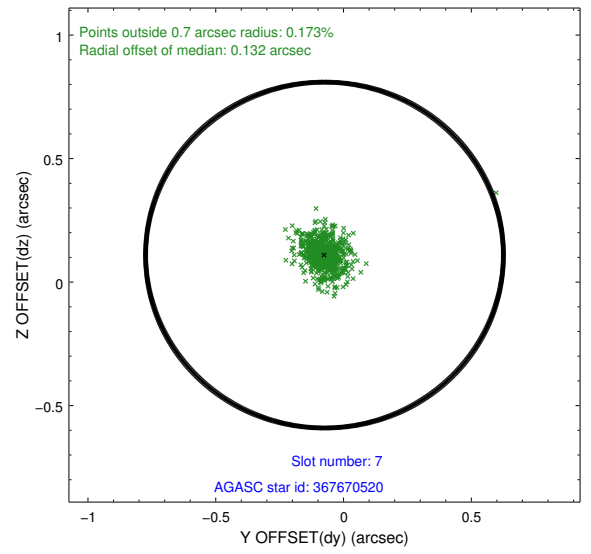
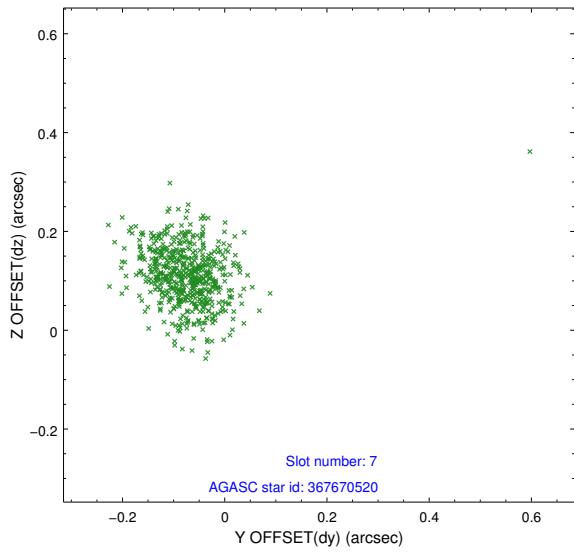
2.4.4 Slot 6



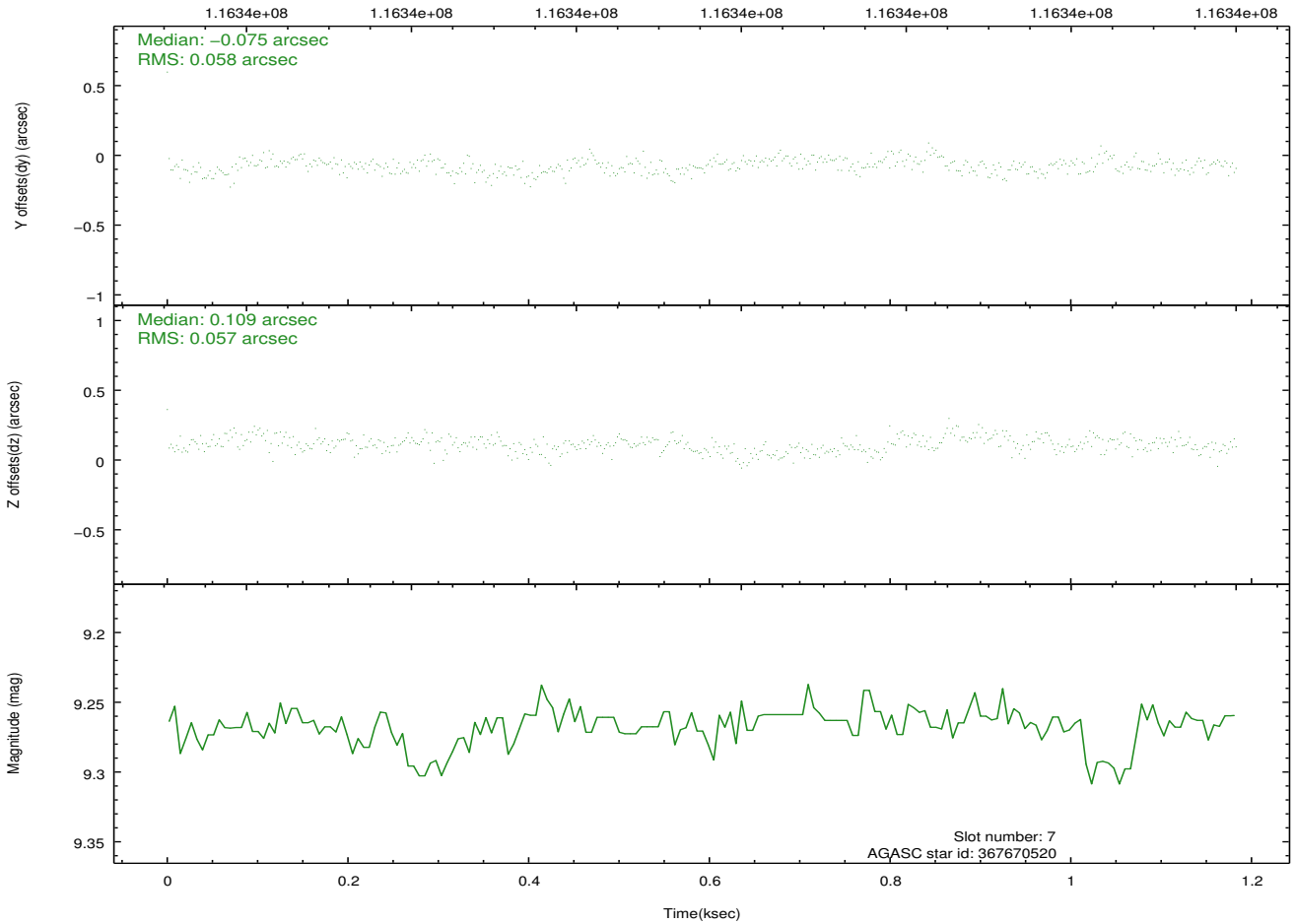
Time (s)



2.4.5 Slot 7

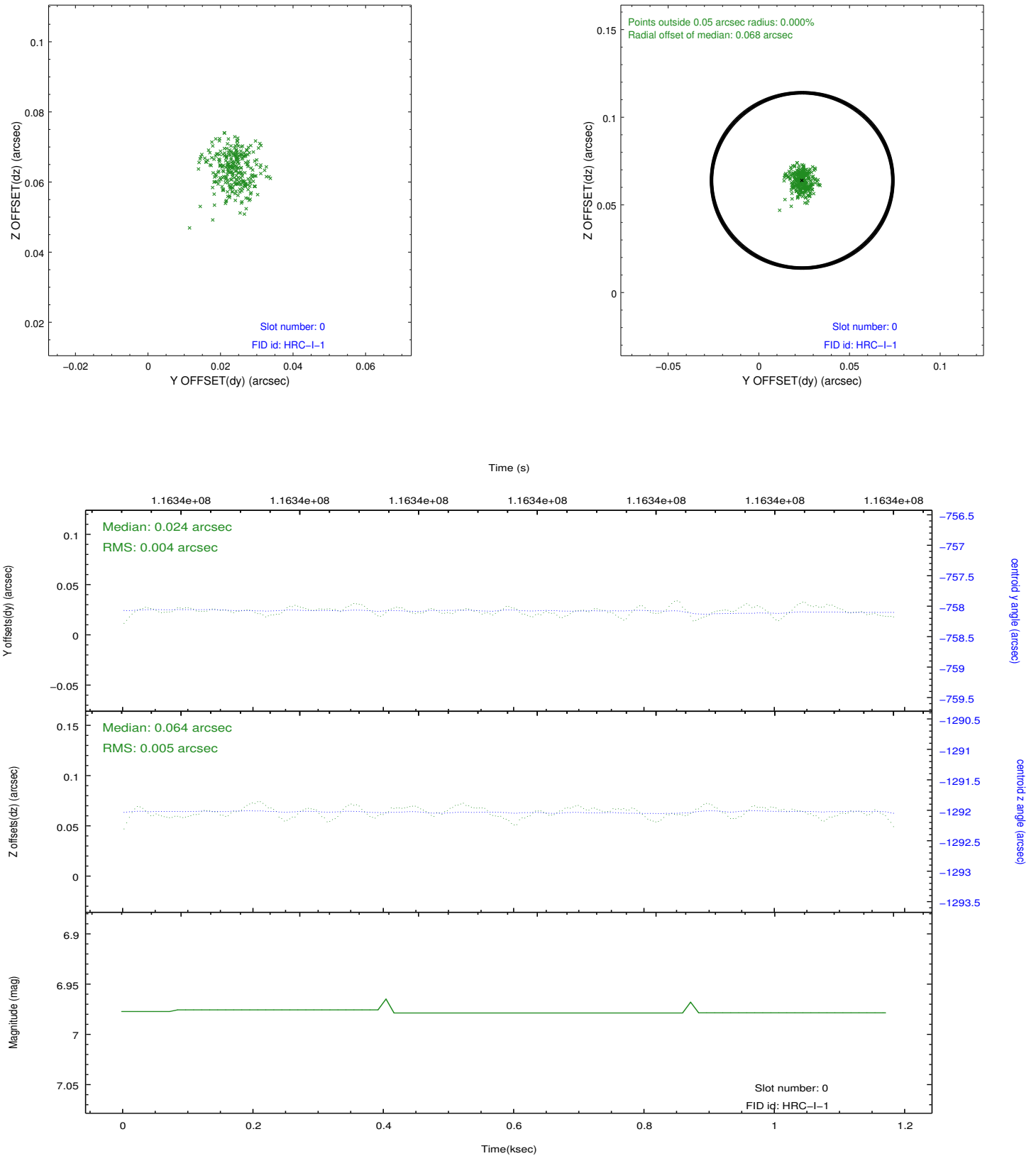


Time (s)

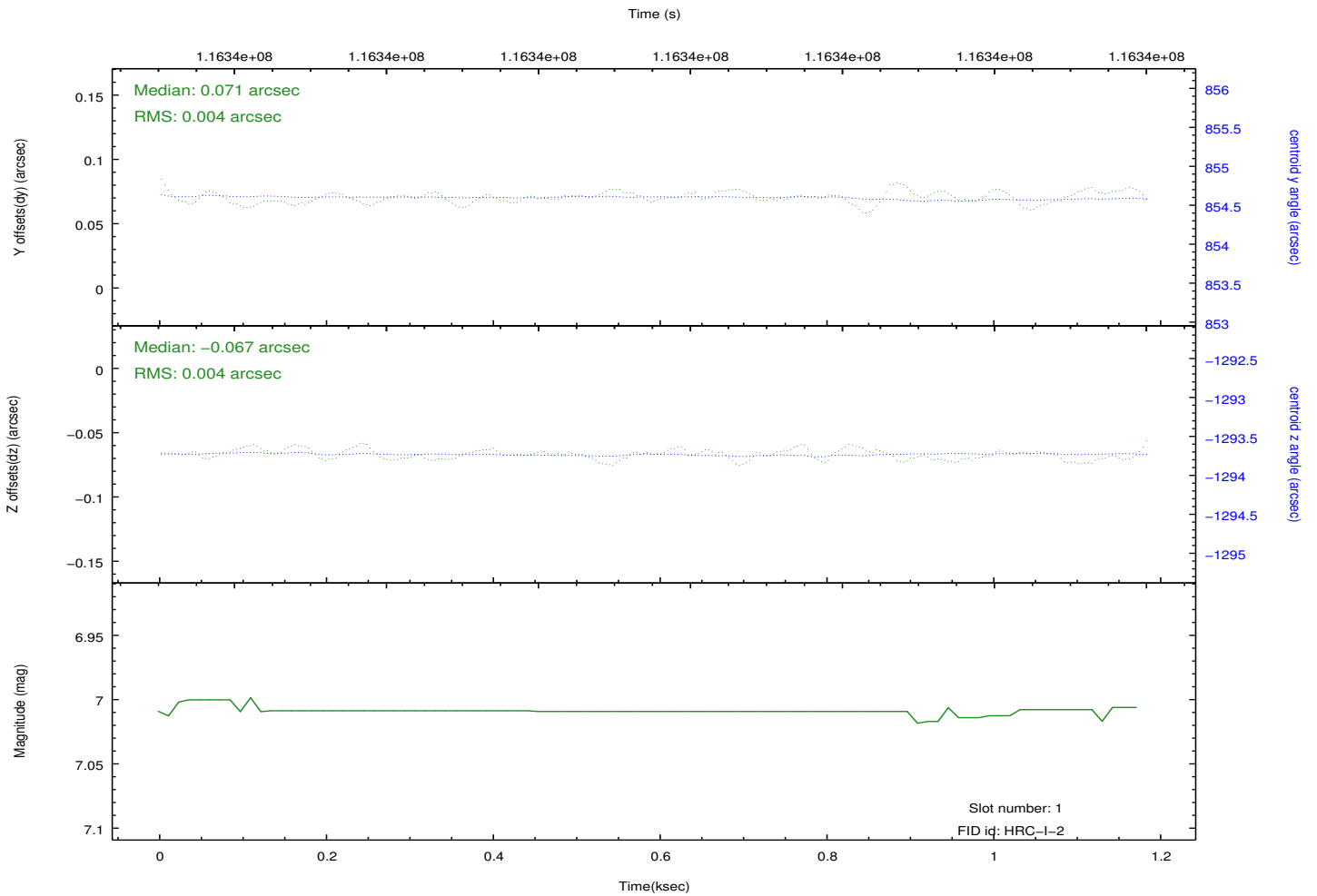
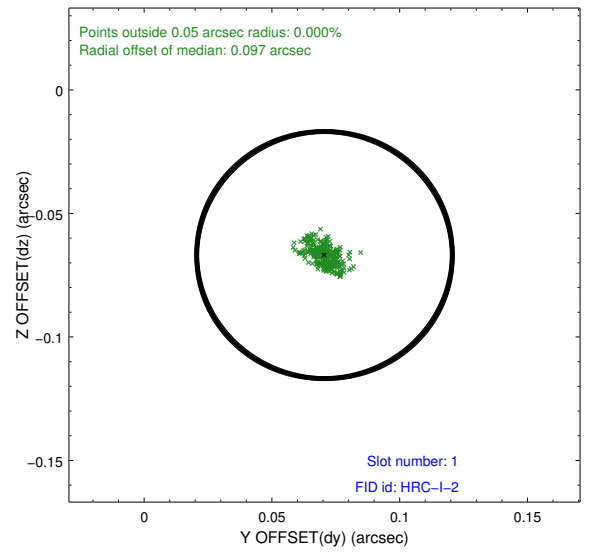
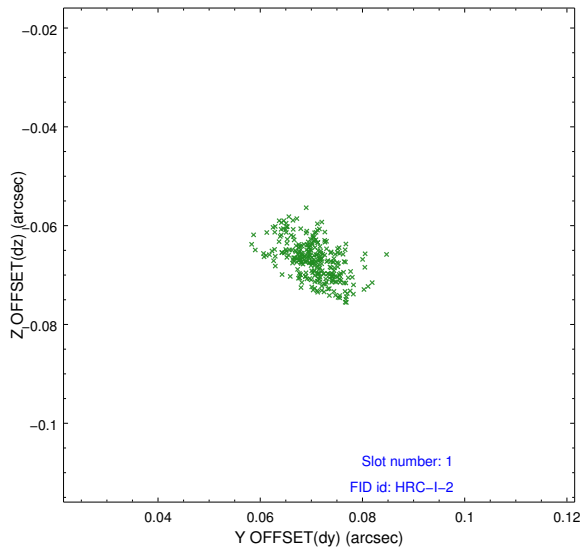


2.5 FID Slots

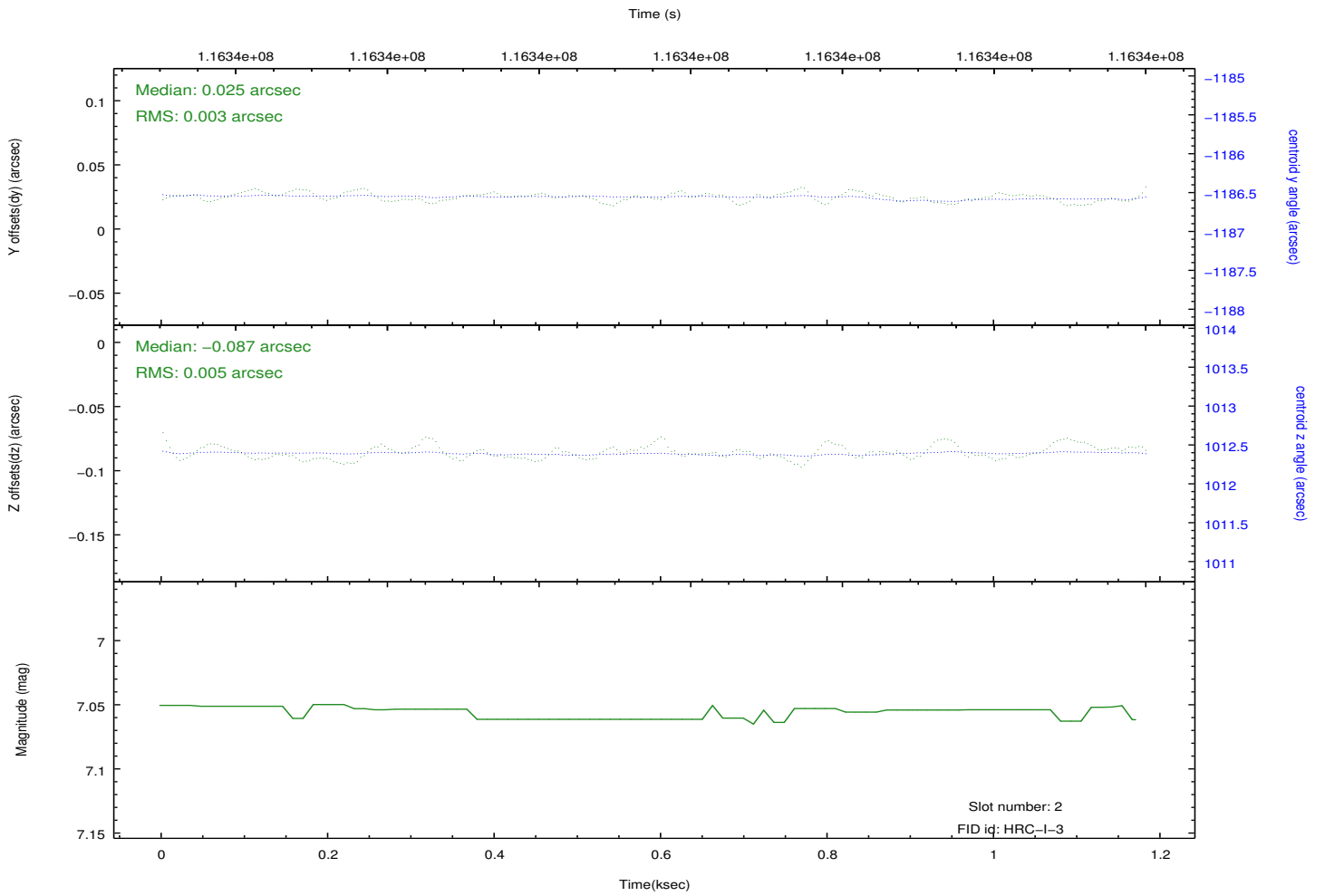
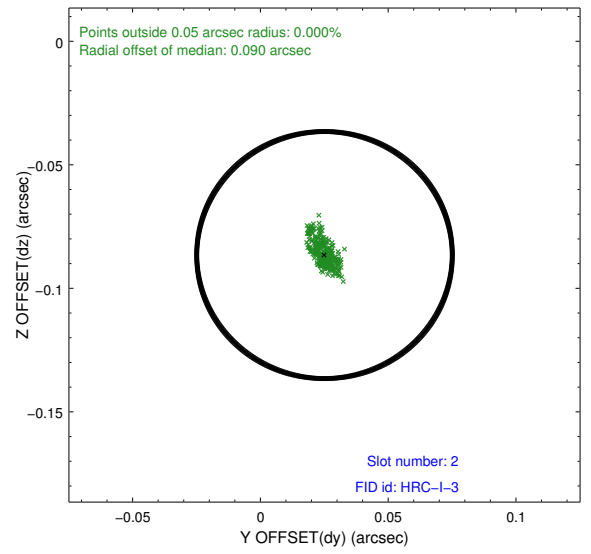
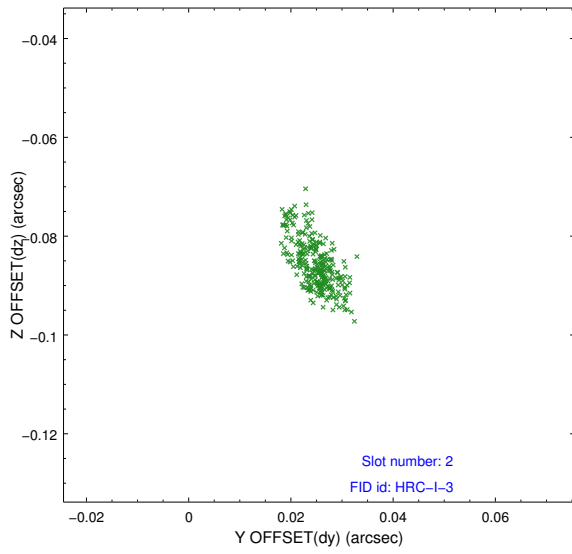
2.5.1 Slot 0



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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.183

A.2 Comments

Window constraint not met.