

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2718 - L2 Version 4
Chandra X-Ray Center

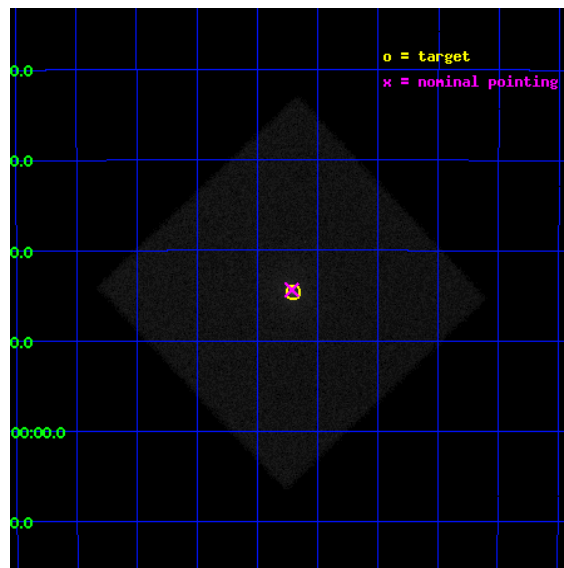
L2 Processing Date : Oct 2 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

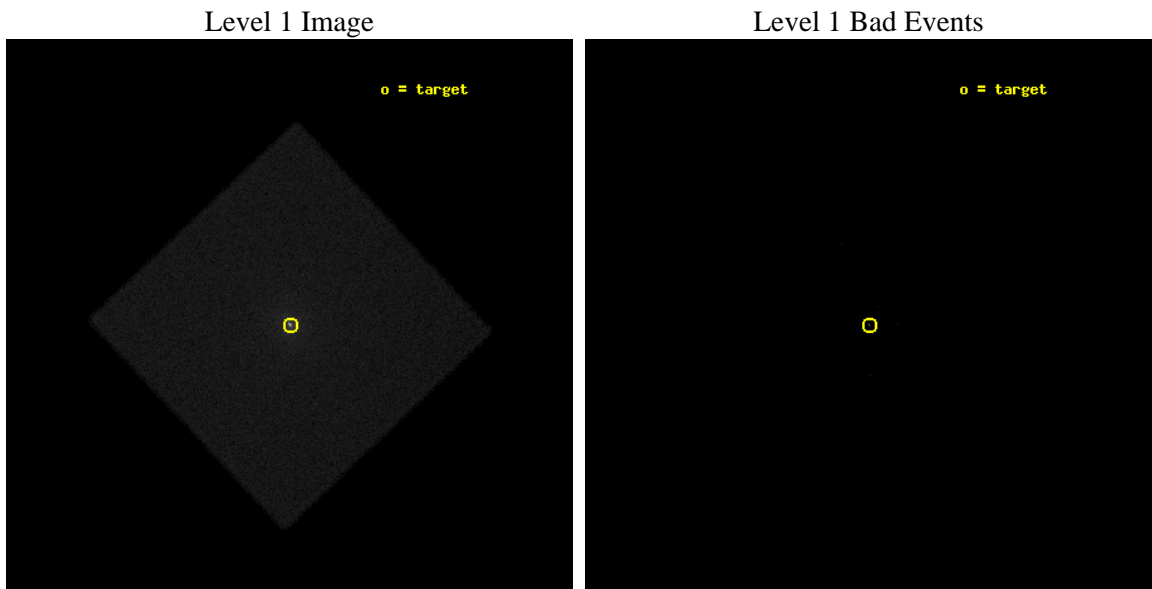
seq_num	400198	Sequence number
obs_id	2718	Observation id
title	MONITORING THE MORPHOLOGY OF THE MICRO-QUASARS GRS 1758-258 AND 1E 1740.7-2942	Proposal title
observer	Dr. William Heindl	Principal investigator
object	GRS 1758-258	Source name
ra_targ	270.301667	Observer's specified target RA [deg]
dec_targ	-25.743306	Observer's specified target Dec [deg]
ra_nom	270.30339083933	Nominal RA [deg]
dec_nom	-25.739474615382	Nominal Dec [deg]
roll_nom	91.718595084406	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9981.7066528052	[s]
liveltime	9920.0131934158	Ontime multiplied by DTCOR
l2events	358795	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9981.7066528052	[s]
caldbver	4.5.2	 	l1events	512098	Number of level 1 events
date	2012-10-02T07:30:42	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

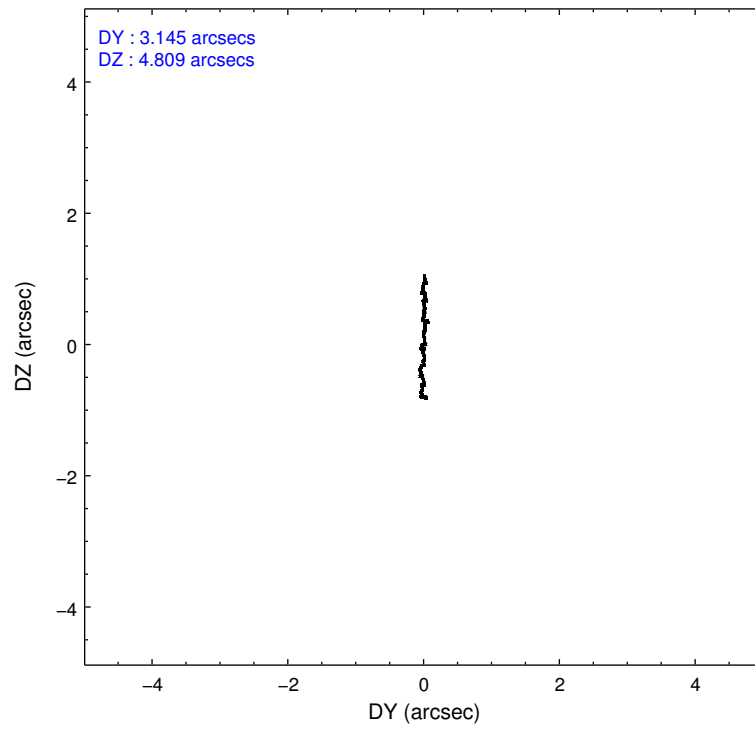
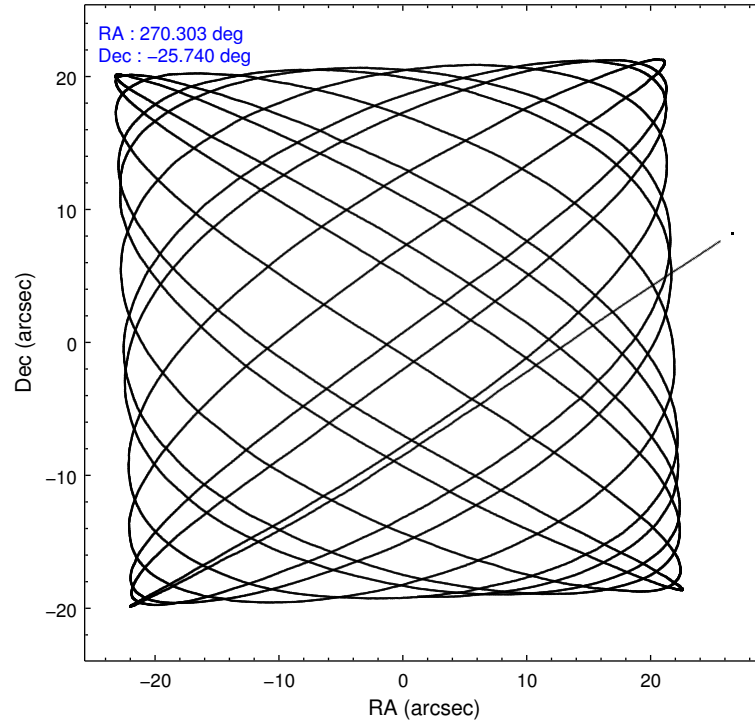
Level 1 Events

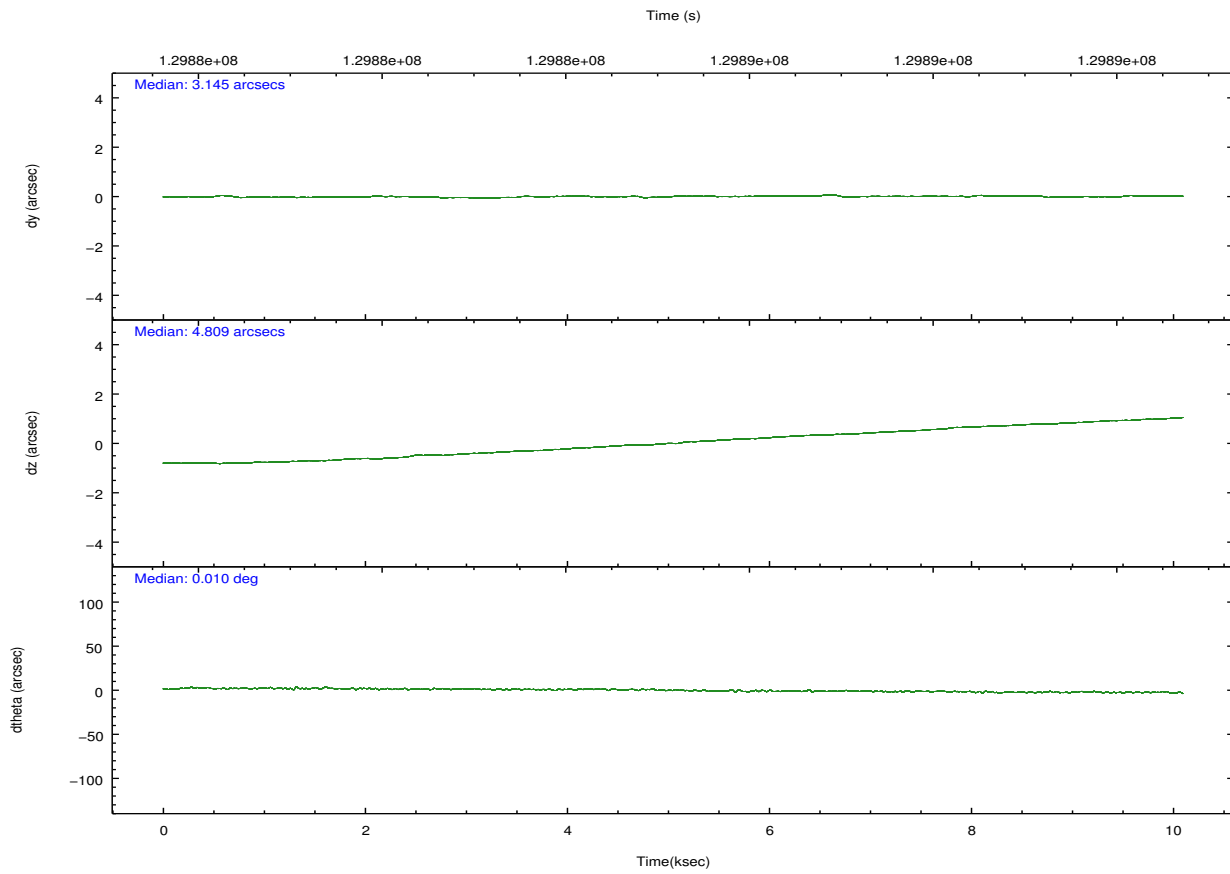
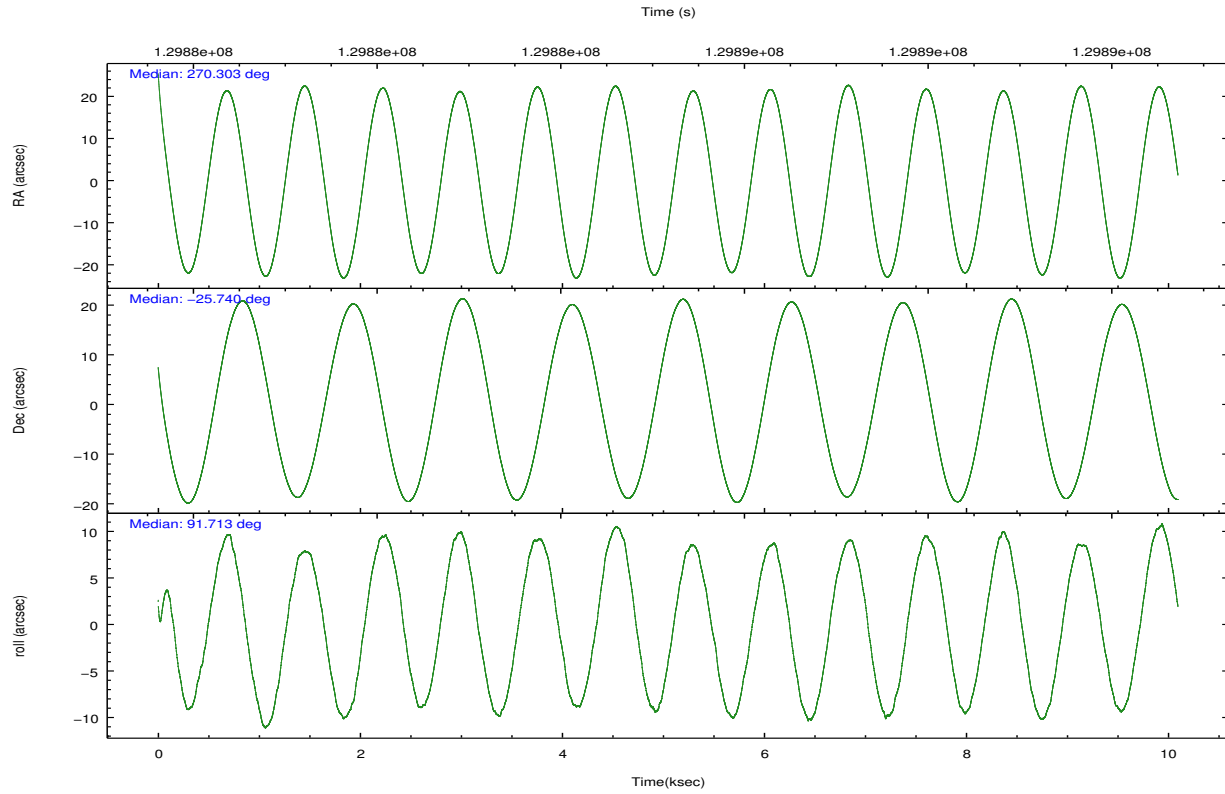
	segment 0
level 1 events	512098
rejected events	4275
rejected %	0%

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	270.319732	270.3033908393263			
[deg] Pointing Dec	-25.762121	-25.73947461538236			
[deg] Pointing Roll	91.821203	91.71859508440622			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	129880213.184000	129879056.40875			
Observation start date	2002-02-12T05:49:09	2002-02-12T05:30:56			
[s] Observation end time (MET)	129890213.184000	129890409.30921			
Observation end date	2002-02-12T08:35:49	2002-02-12T08:40:09			

2.3 Aspect



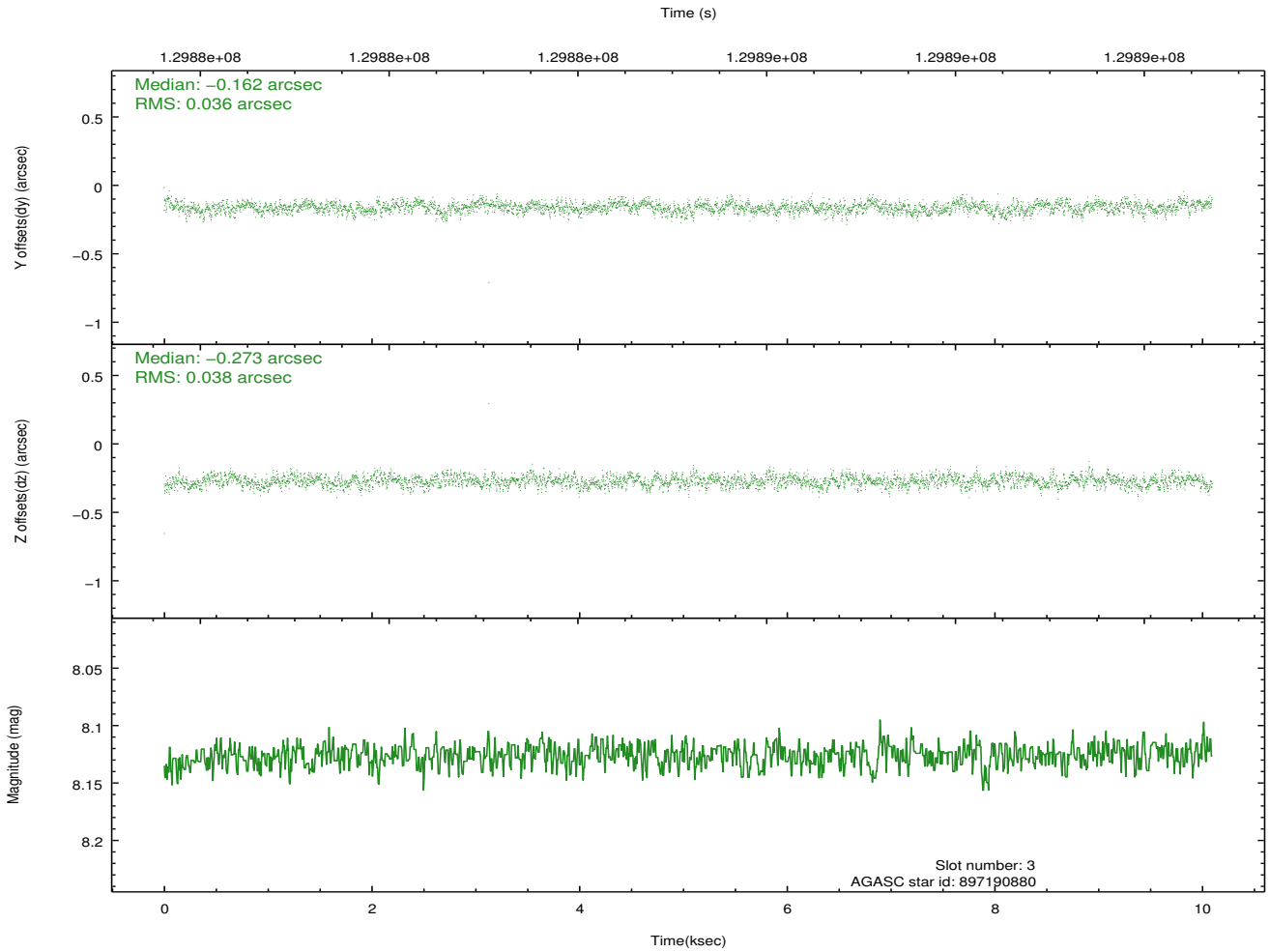
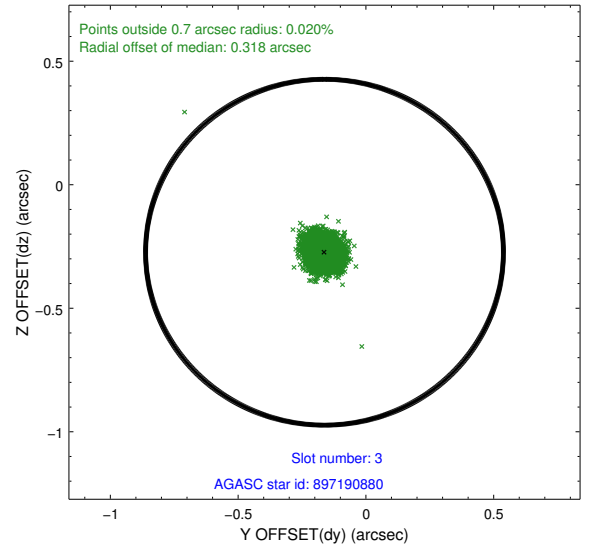
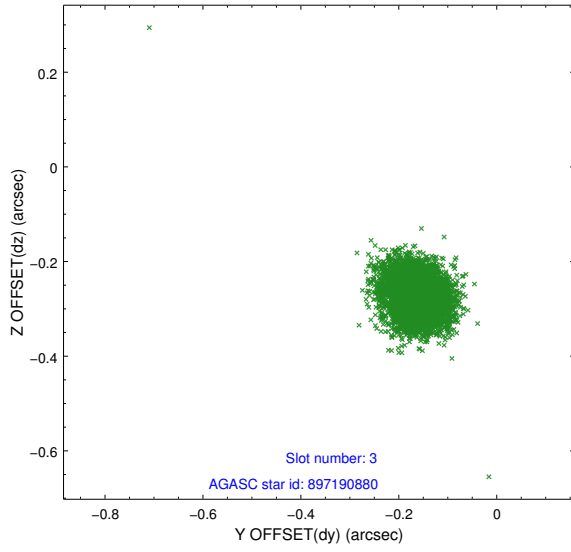


Slot Statistics

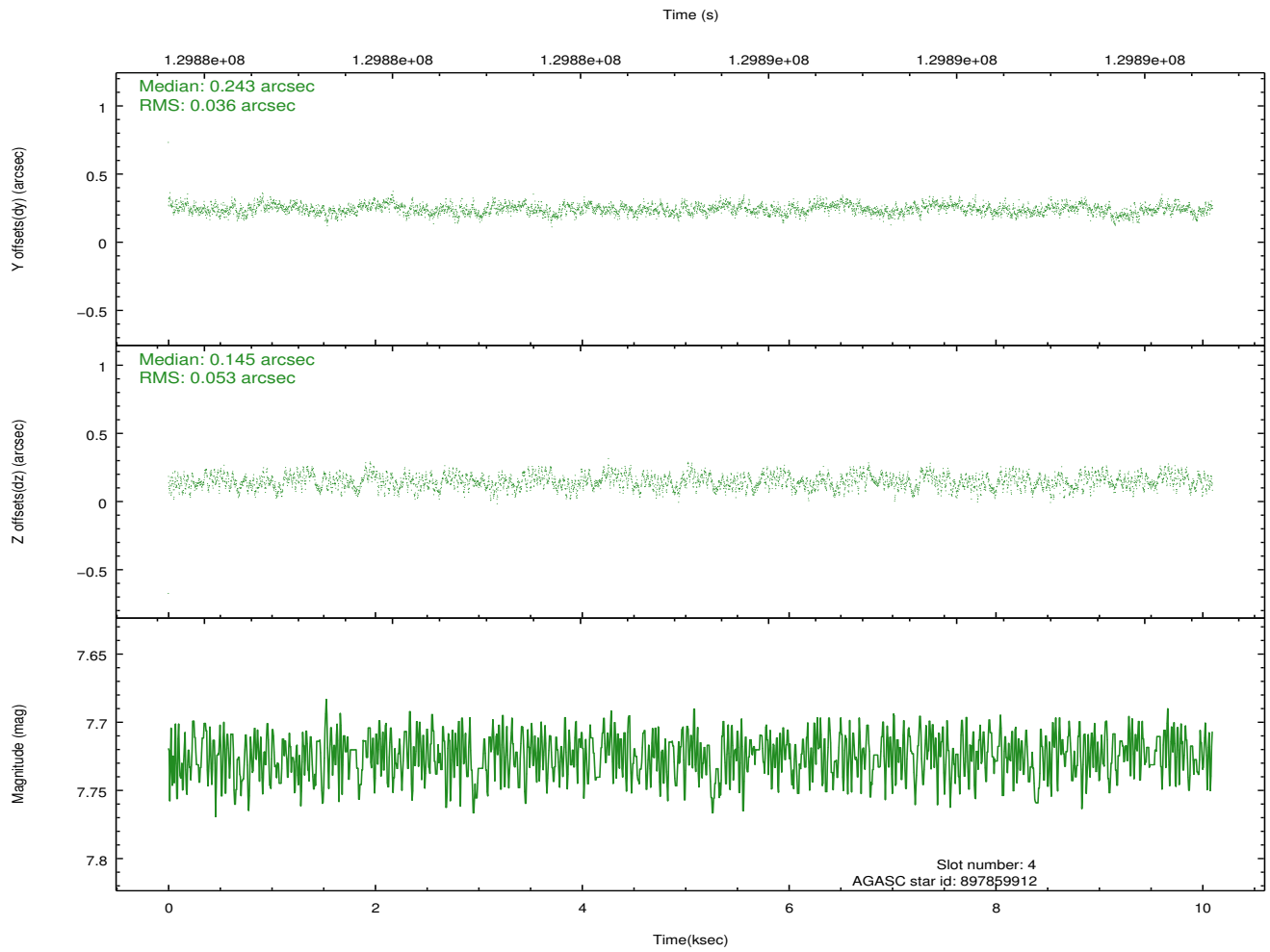
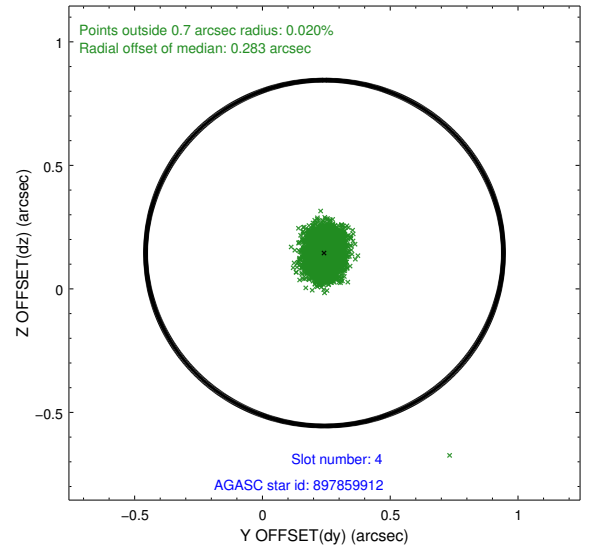
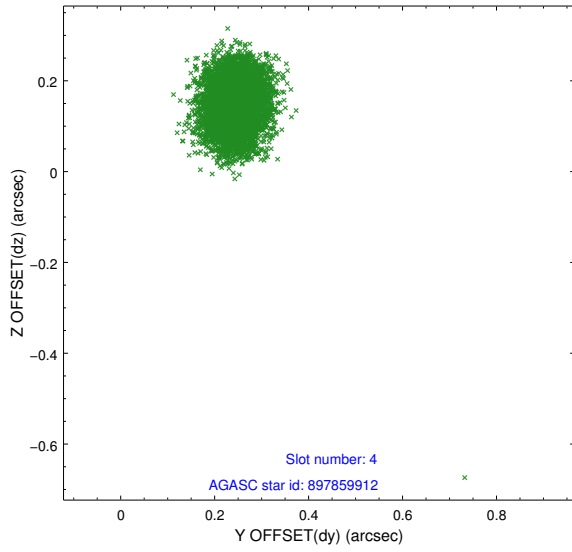
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	2463	0.036	0.020	0.024	0.032	0.000000	0.000000	-758.63	-1292.58
1	FID	HRC-I-2	7.00	2463	0.090	-0.039	0.025	0.037	0.000000	0.000000	853.75	-1294.78
2	FID	HRC-I-4	6.99	2463	-0.008	-0.076	0.016	0.022	0.000000	0.000000	1284.54	1008.90
3	GUIDE	897190880	8.13	4926	-0.162	-0.273	0.054	0.086	269.584058	-25.142408	2299.61	2325.26
4	GUIDE	897859912	7.72	4926	0.243	0.145	0.068	0.107	270.849161	-26.319822	-2063.12	-1643.67
5	GUIDE	897326672	8.22	4926	0.192	-0.082	0.056	0.090	270.237029	-26.222744	-1648.75	318.67
6	GUIDE	897326256	8.26	4925	-0.124	0.398	0.066	0.103	271.063775	-25.425801	1126.81	-2456.03
7	GUIDE	897188632	8.65	4924	-0.143	-0.190	0.076	0.117	269.725883	-25.281908	1785.45	1876.44

2.4 Star Slots

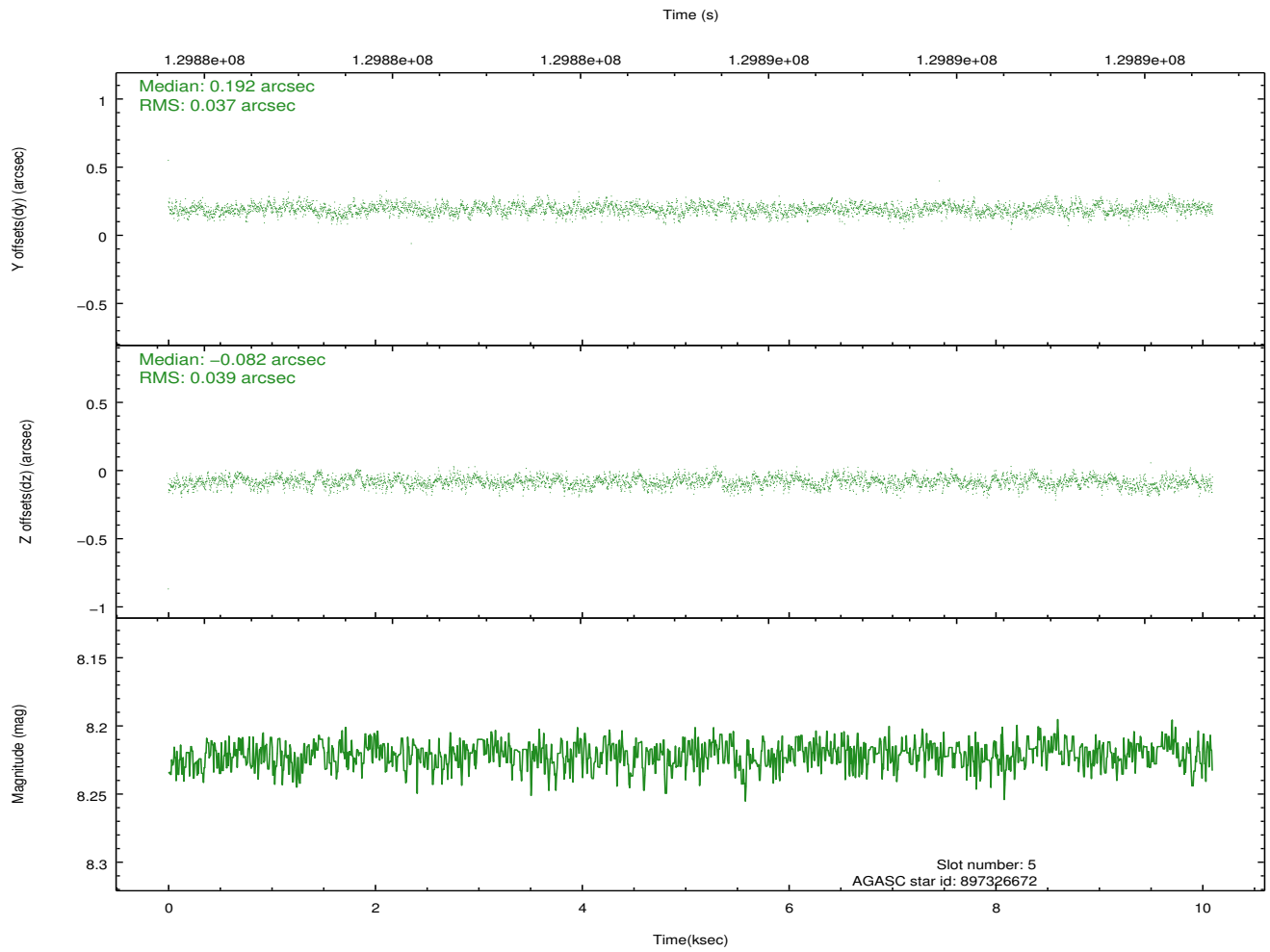
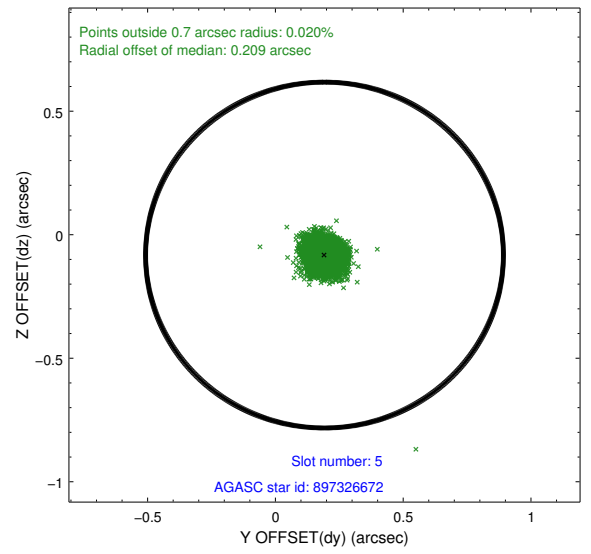
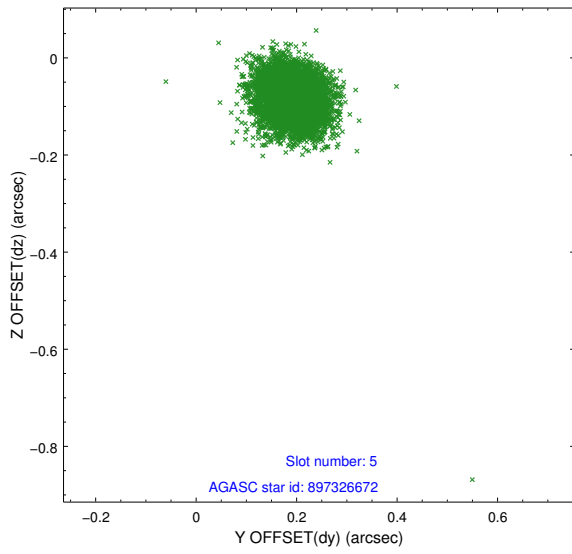
2.4.1 Slot 3



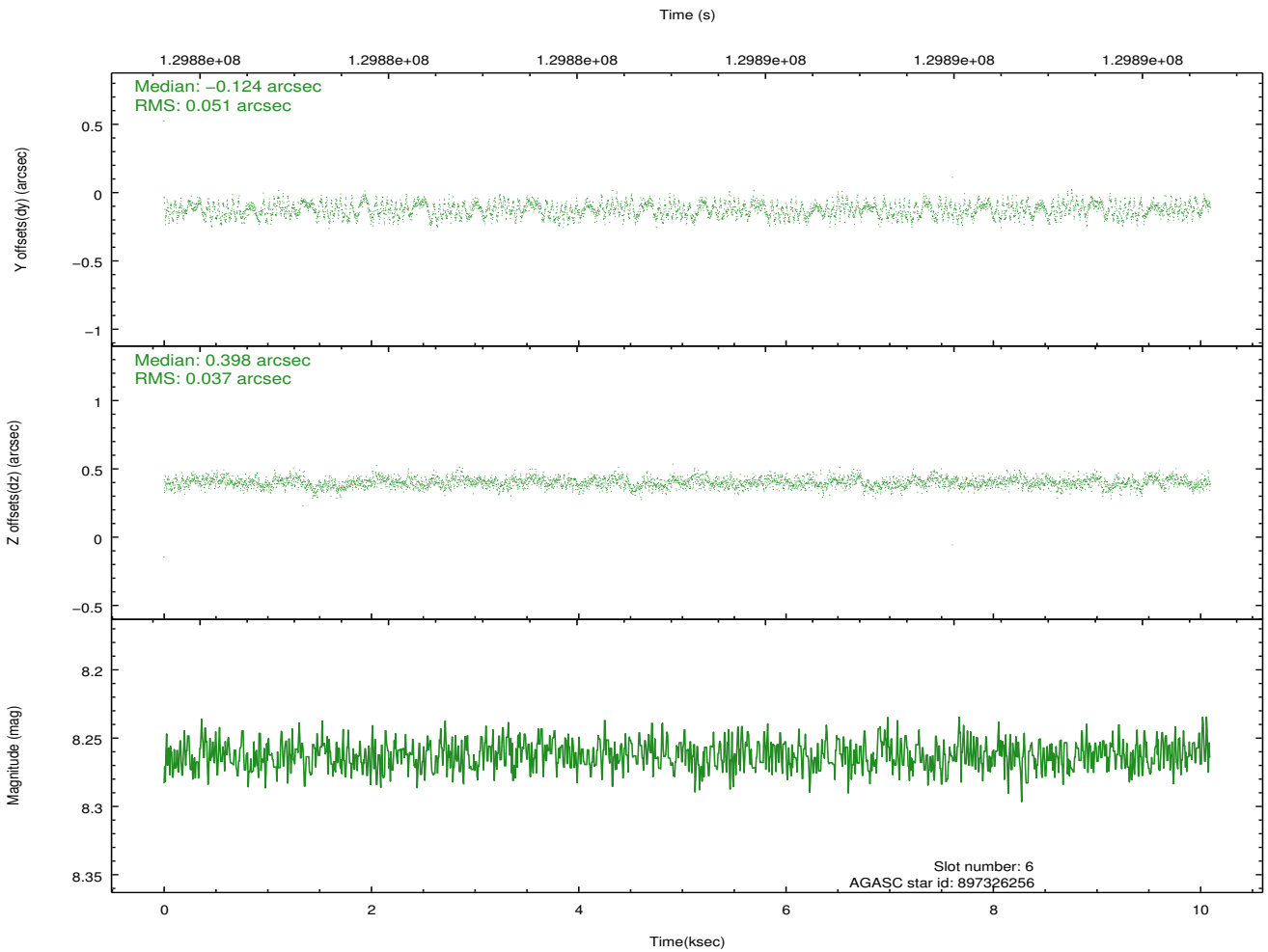
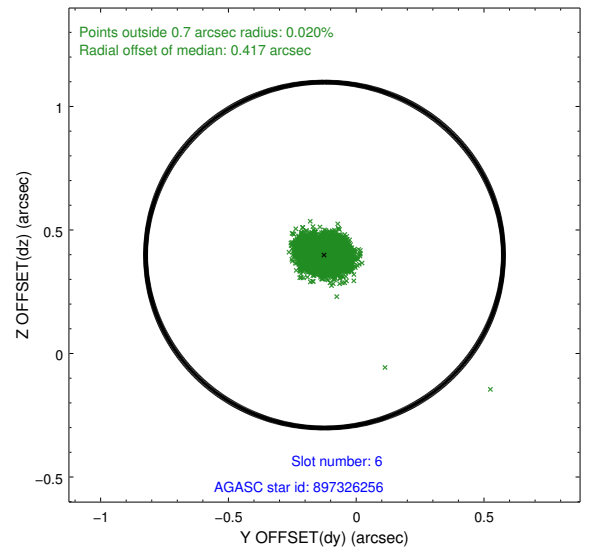
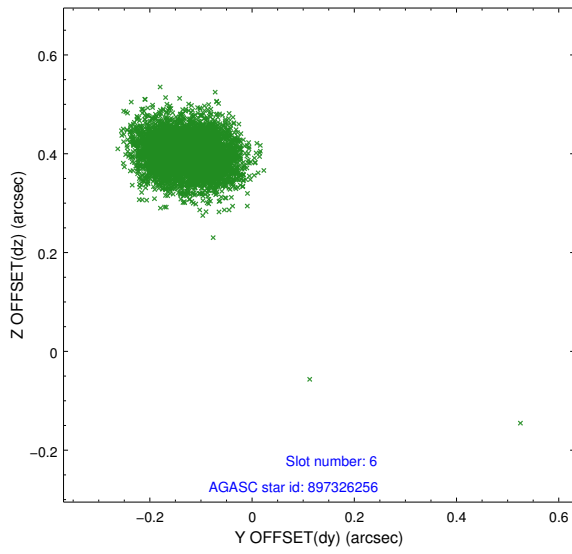
2.4.2 Slot 4



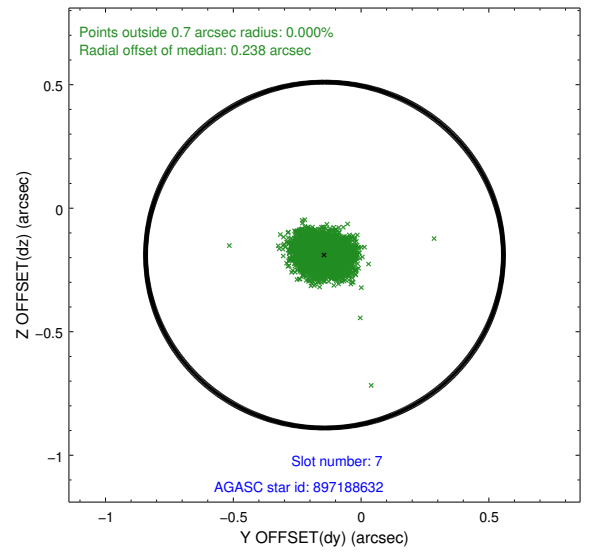
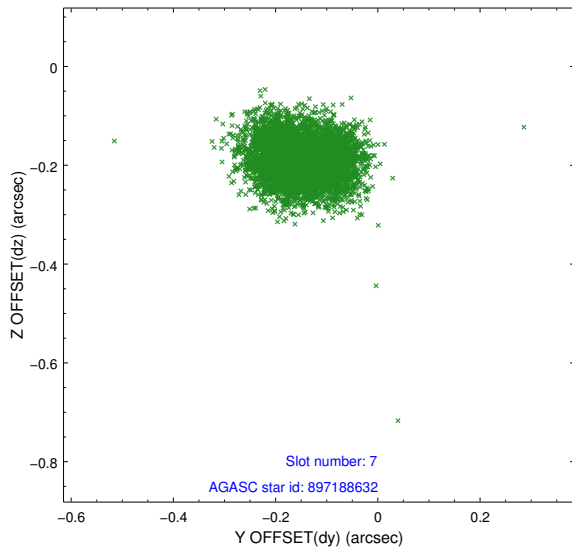
2.4.3 Slot 5



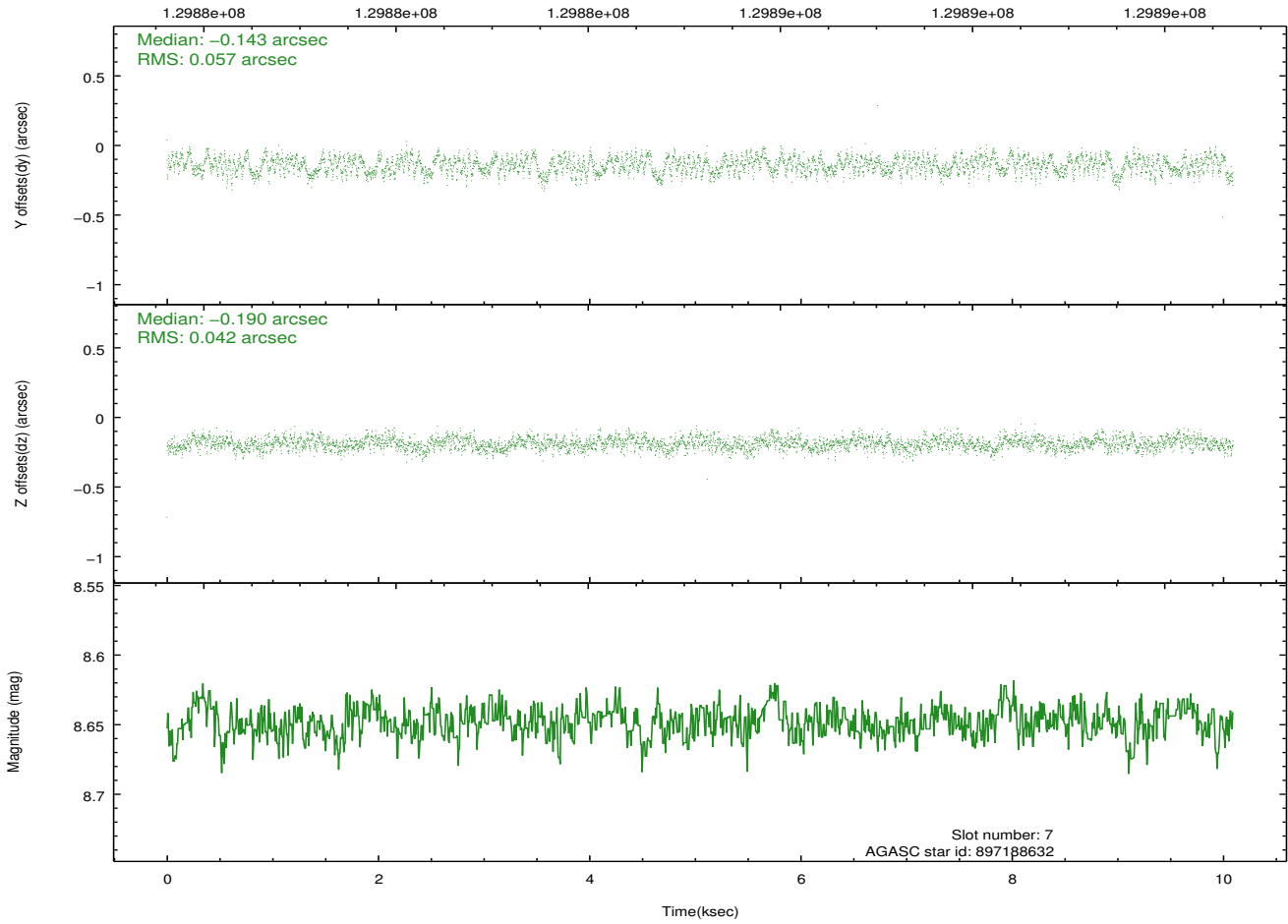
2.4.4 Slot 6



2.4.5 Slot 7

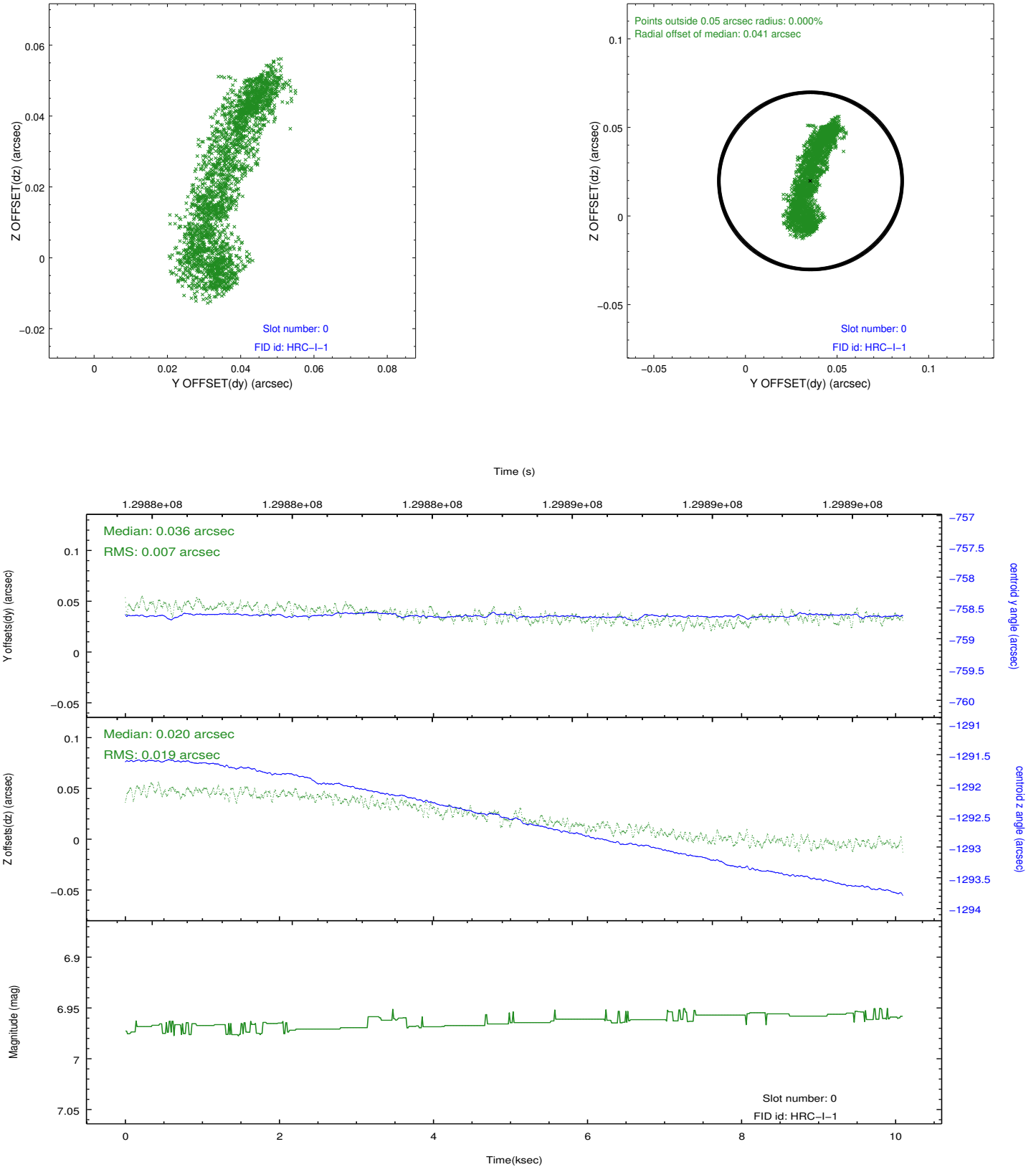


Time (s)

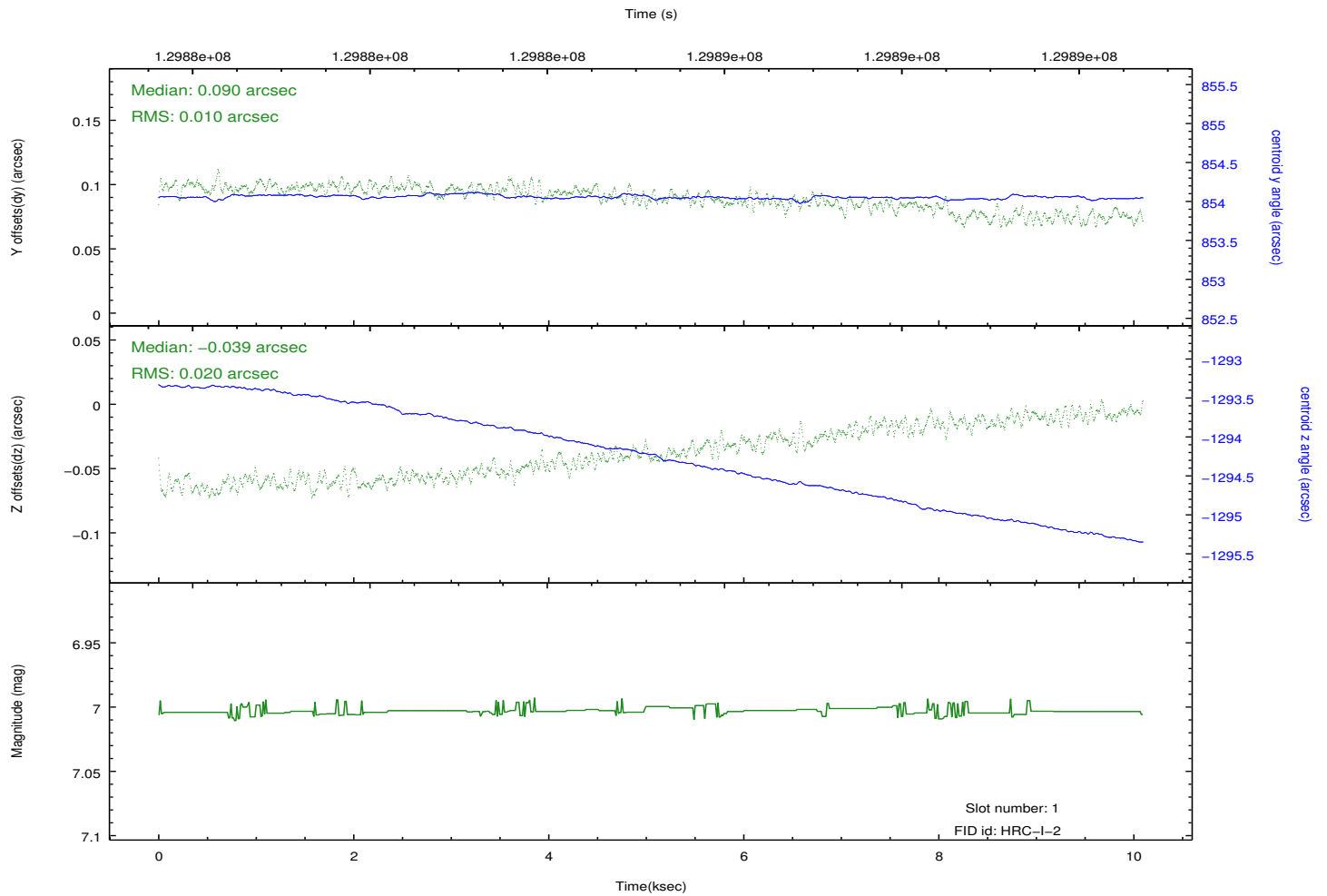
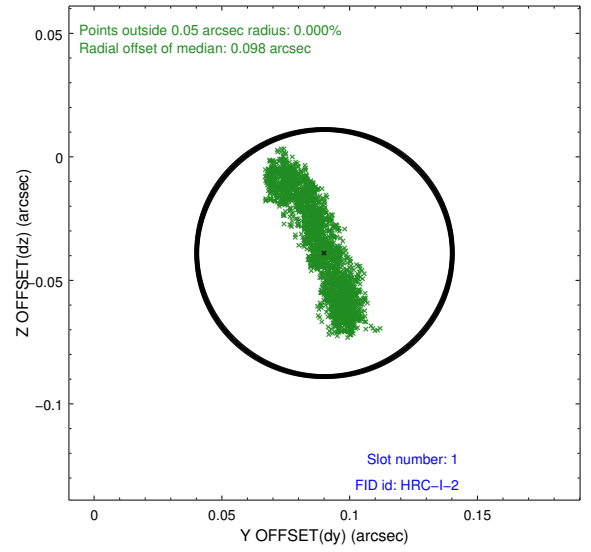
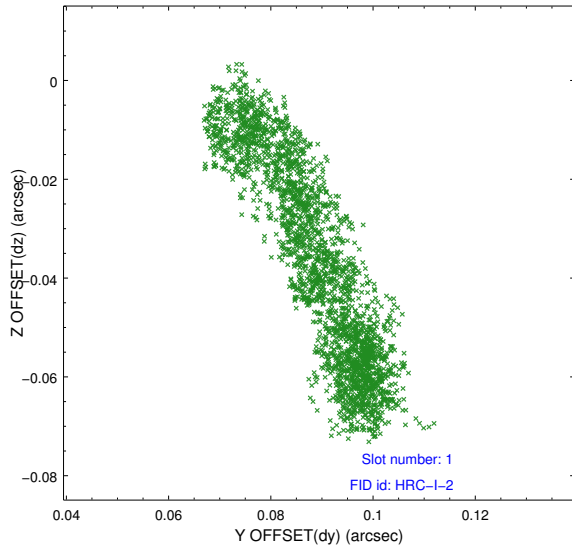


2.5 FID Slots

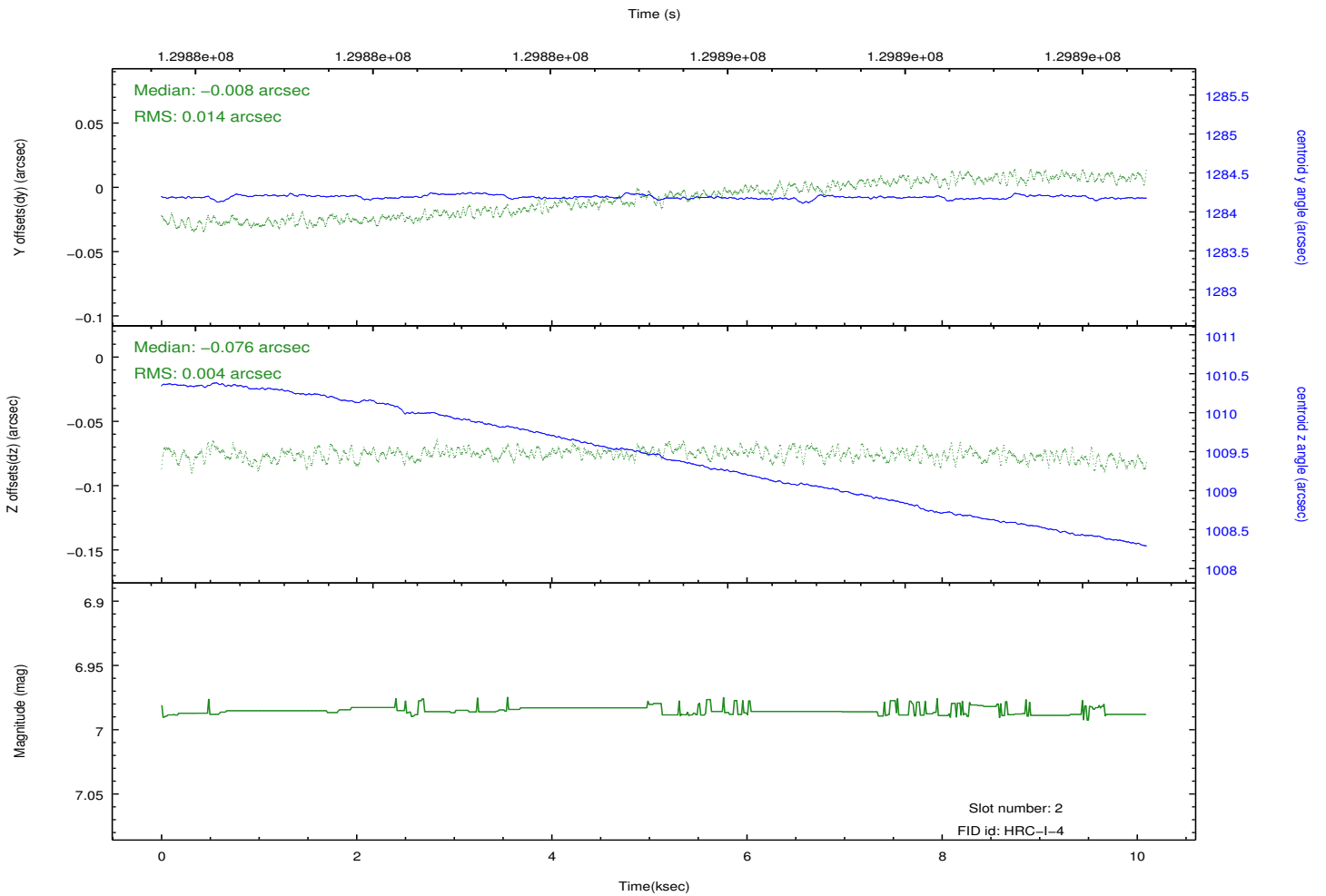
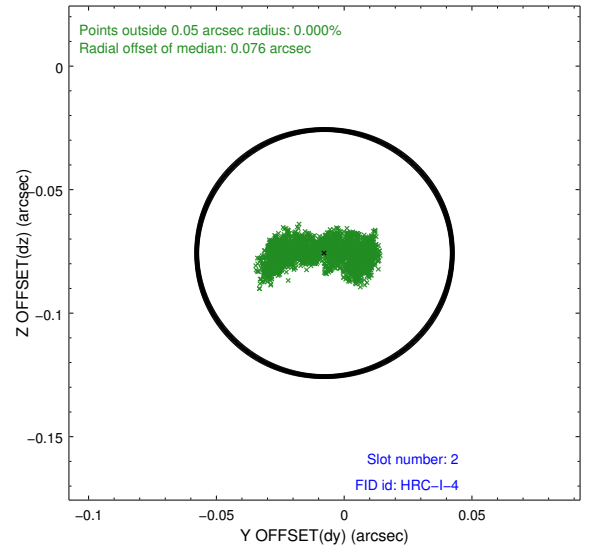
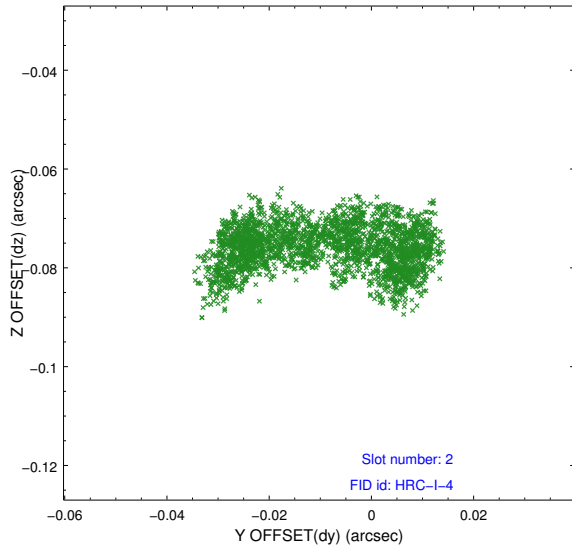
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.981

A.2 Comments