

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1503 - L2 Version 5

Chandra X-Ray Center

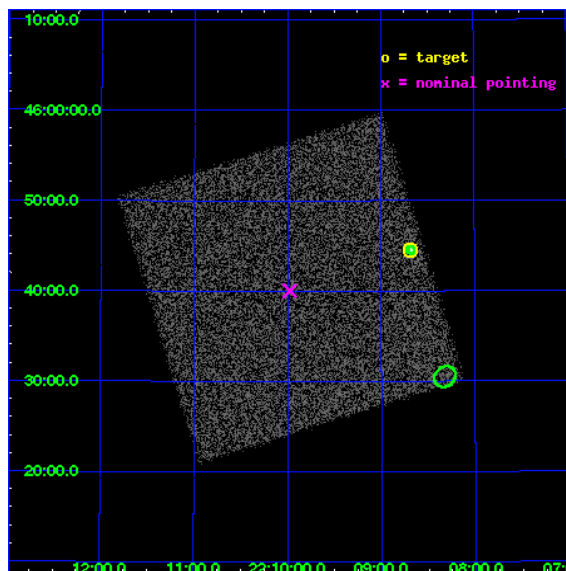
L2 Processing Date : Nov 25 2009

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1 Front

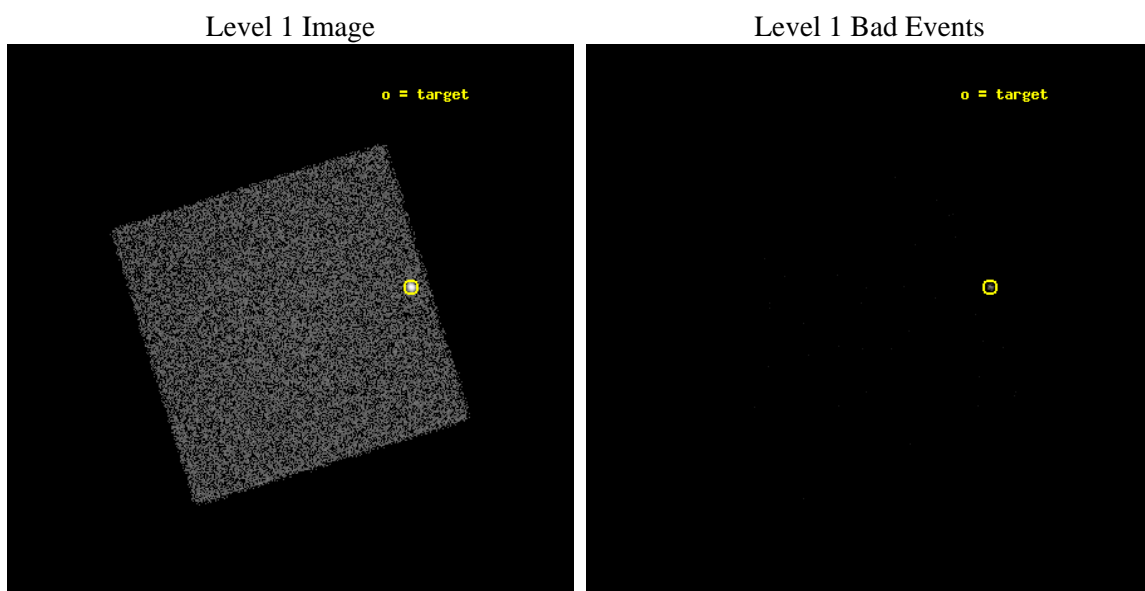
seq_num	280453	Sequence number
obs_id	1503	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.49397498159	Nominal RA
dec_nom	45.667280297579	Nominal Dec
roll_nom	297.67245594174	Nominal Roll
revision	5	Processing version of data
ontime	1213.8562939391	[s]
livetime	1206.1572734645	Ontime multiplied by DTCOR
l2events	38639	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	1000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	1213.8562939391	[s]
caldbver	4.1.4	 	l1events	60269	Number of level 1 events
date	2009-11-25T12:27:41	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

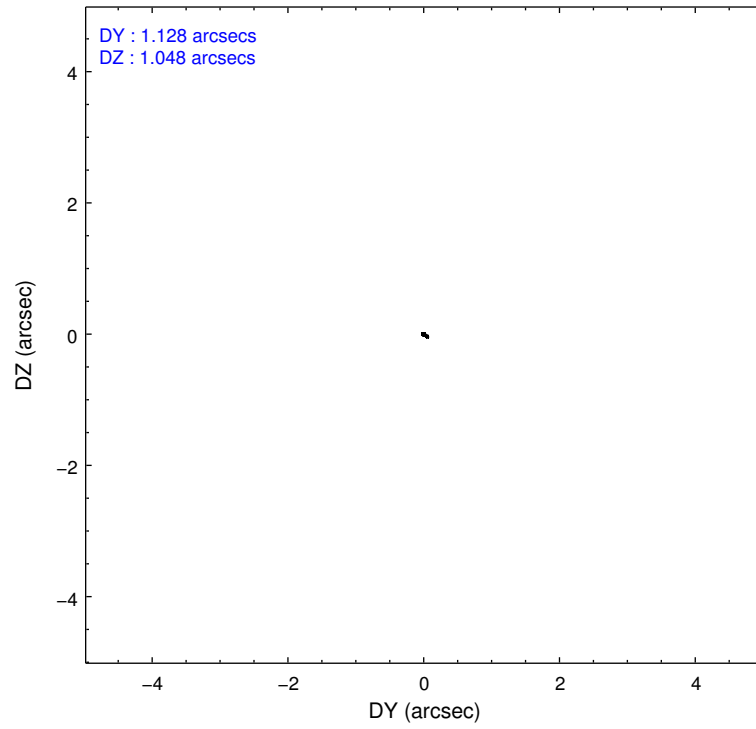
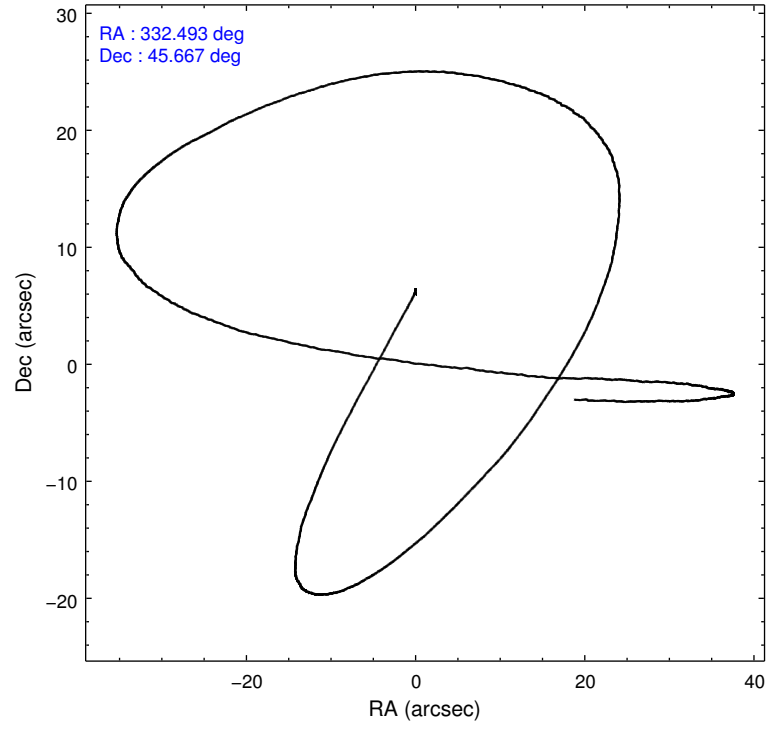
	segment 0
level 1 events	60269
rejected events	2365
rejected %	3%

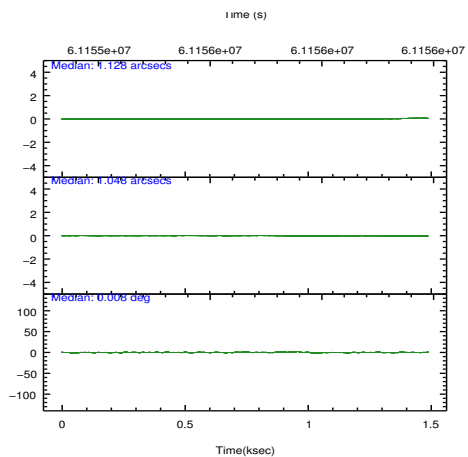
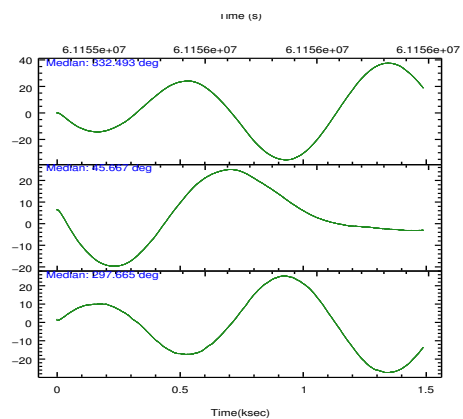
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.459952	332.4939749815897
Pointing Dec	45.682728	45.6672802975794
Pointing Roll	297.792278	297.6724559417434
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9854943052878
SIM translation stage offset (mm)	0	-5.413686238853188e-06
Observation start time	61155399.184000	61154683.578444
Observation start date	1999-12-09T19:35:35	1999-12-09T19:24:43
Observation end time	61156399.184000	61156581.878513
Observation end date	1999-12-09T19:52:15	1999-12-09T19:56:21

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



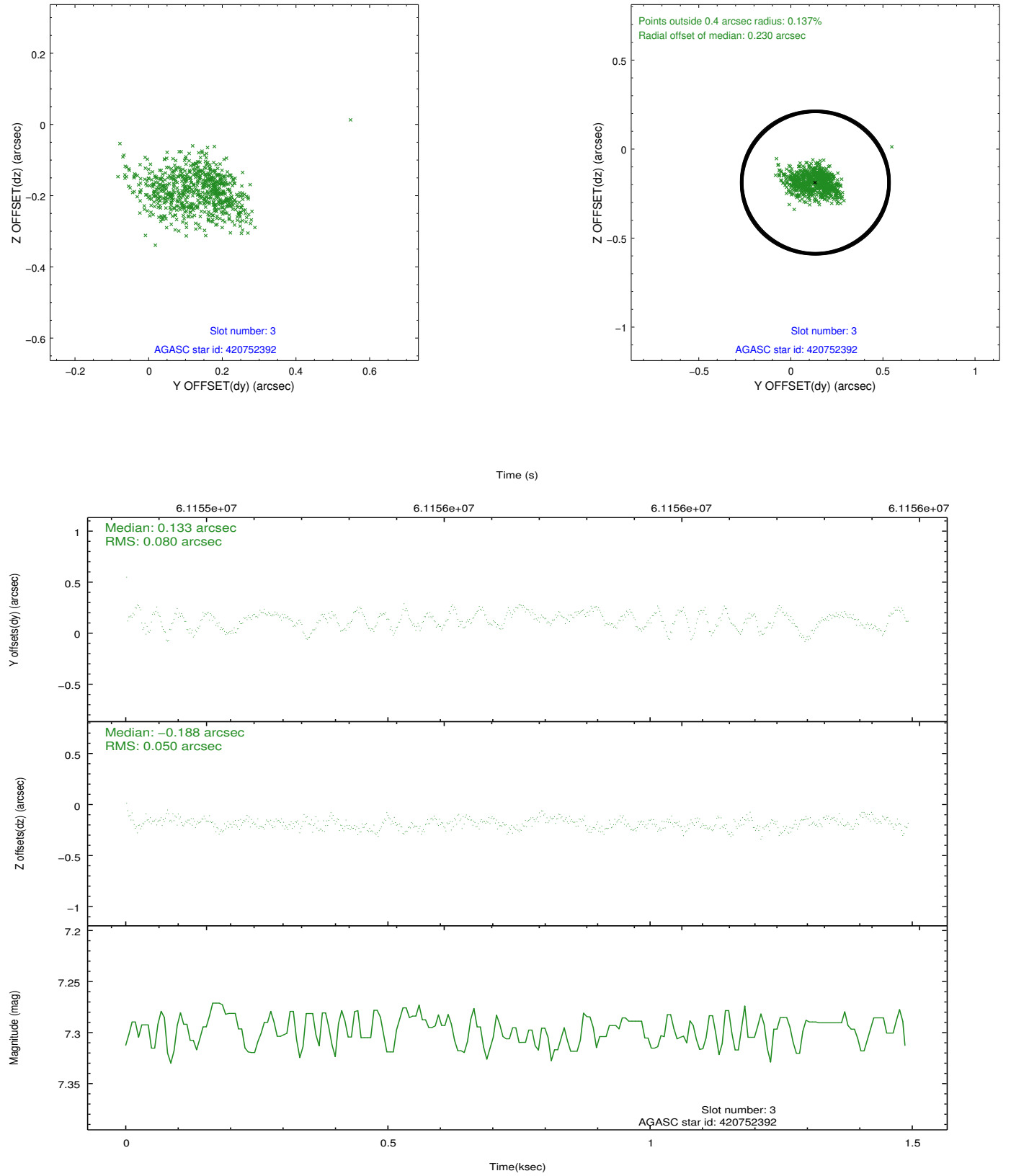


Slot Statistics

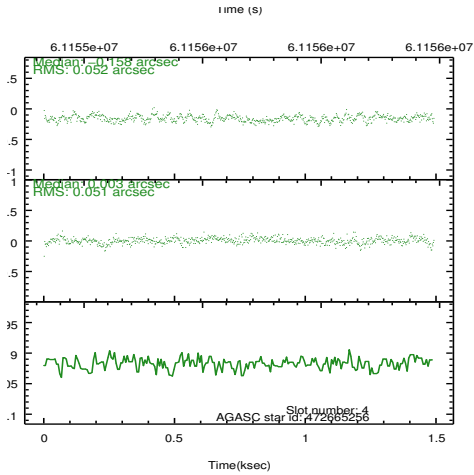
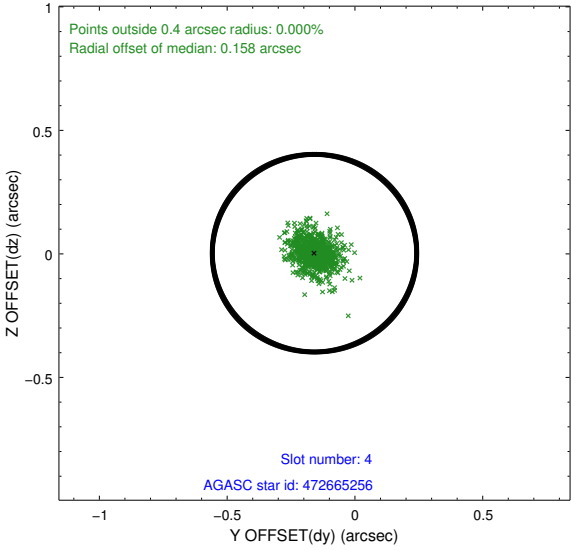
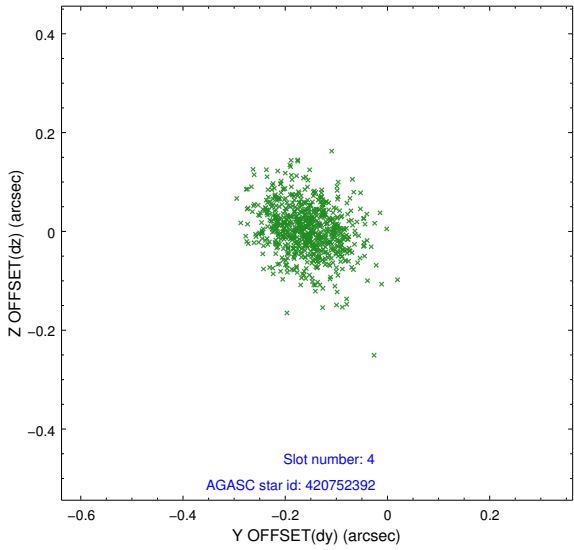
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	728	0.017	-0.040	0.007	0.014	0.000000	0.000000	-756.53	-1288.82
1	FID	HRC-I-3	7.04	728	0.049	-0.039	0.009	0.021	0.000000	0.000000	-1186.04	1013.98
2	FID	HRC-I-4	6.98	728	0.048	-0.009	0.007	0.014	0.000000	0.000000	1284.64	1014.79
3	GUIDE	420752392	7.30	728	0.133	-0.188	0.098	0.158	332.271848	44.854756	2409.84	-1813.84
4	GUIDE	472665256	9.02	728	-0.158	0.003	0.076	0.125	332.808125	46.195041	-1228.90	1626.08
5	GUIDE	472659832	9.46	728	-0.069	0.095	0.090	0.147	332.780399	46.098139	-956.47	1408.25
6	GUIDE	472655152	9.43	727	-0.015	-0.003	0.093	0.150	332.504239	45.862991	-526.82	402.98
7	GUIDE	472646552	9.61	727	0.109	0.093	0.098	0.168	333.120915	45.571877	1119.71	1291.78

2.4 Star Slots

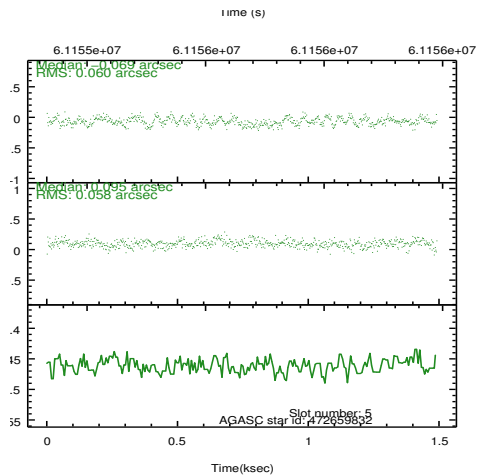
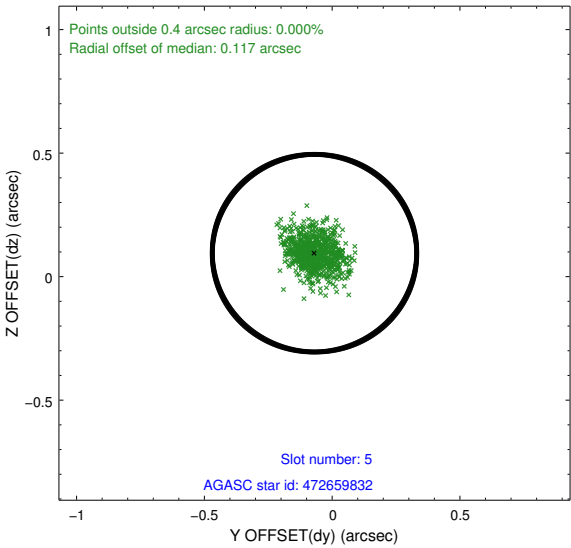
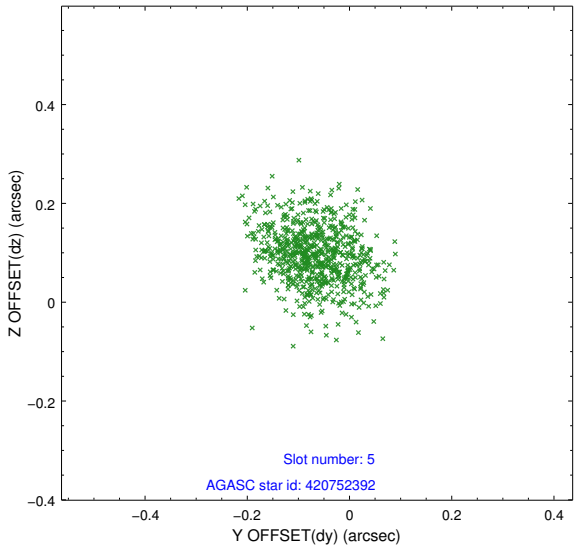
2.4.1 Slot 3



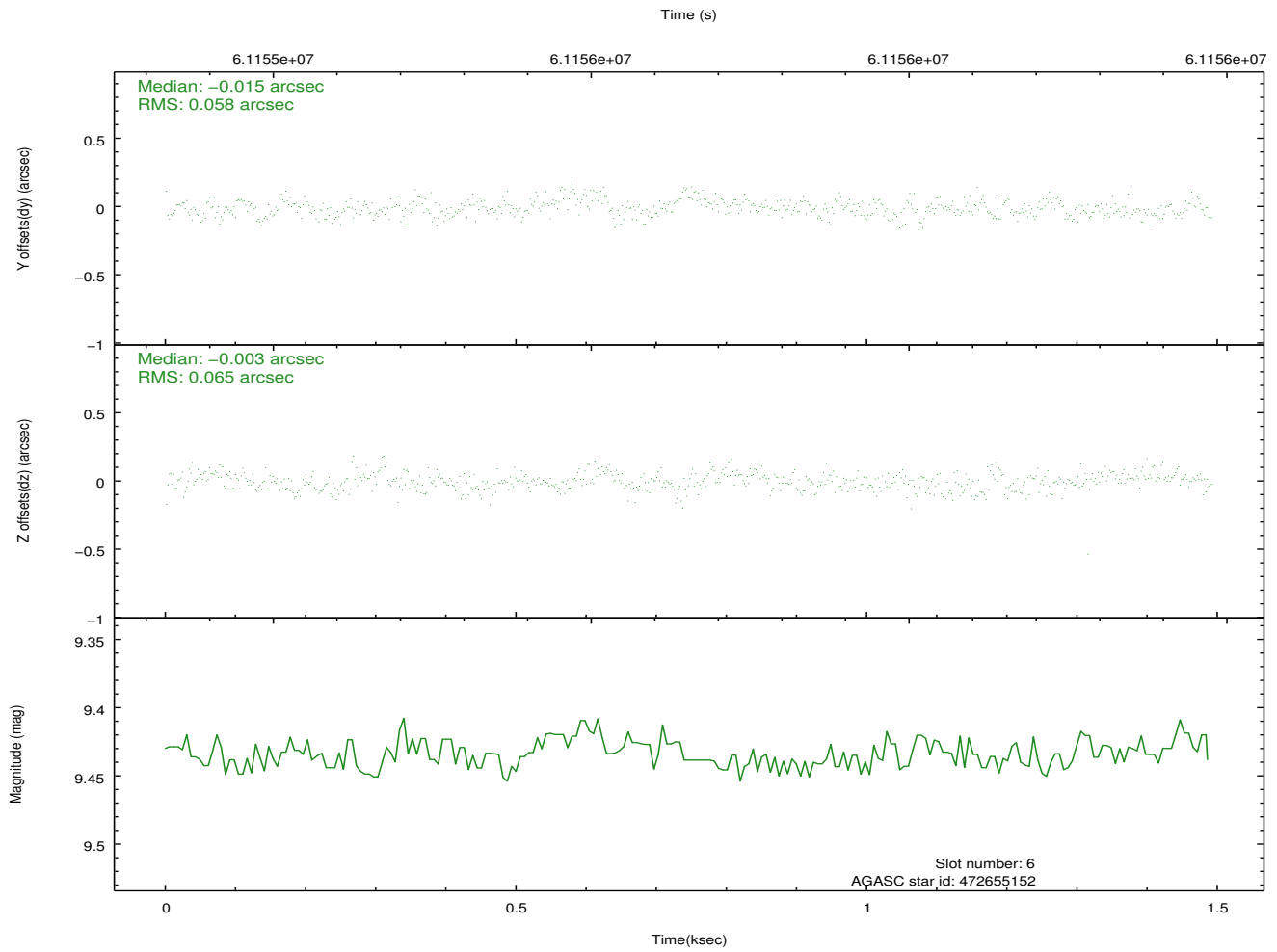
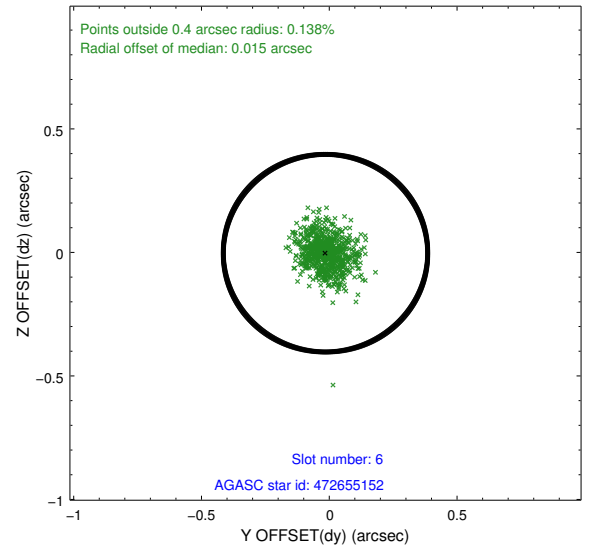
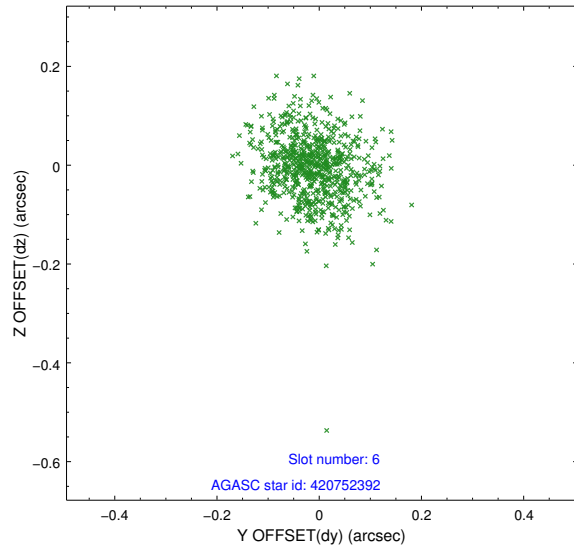
2.4.2 Slot 4



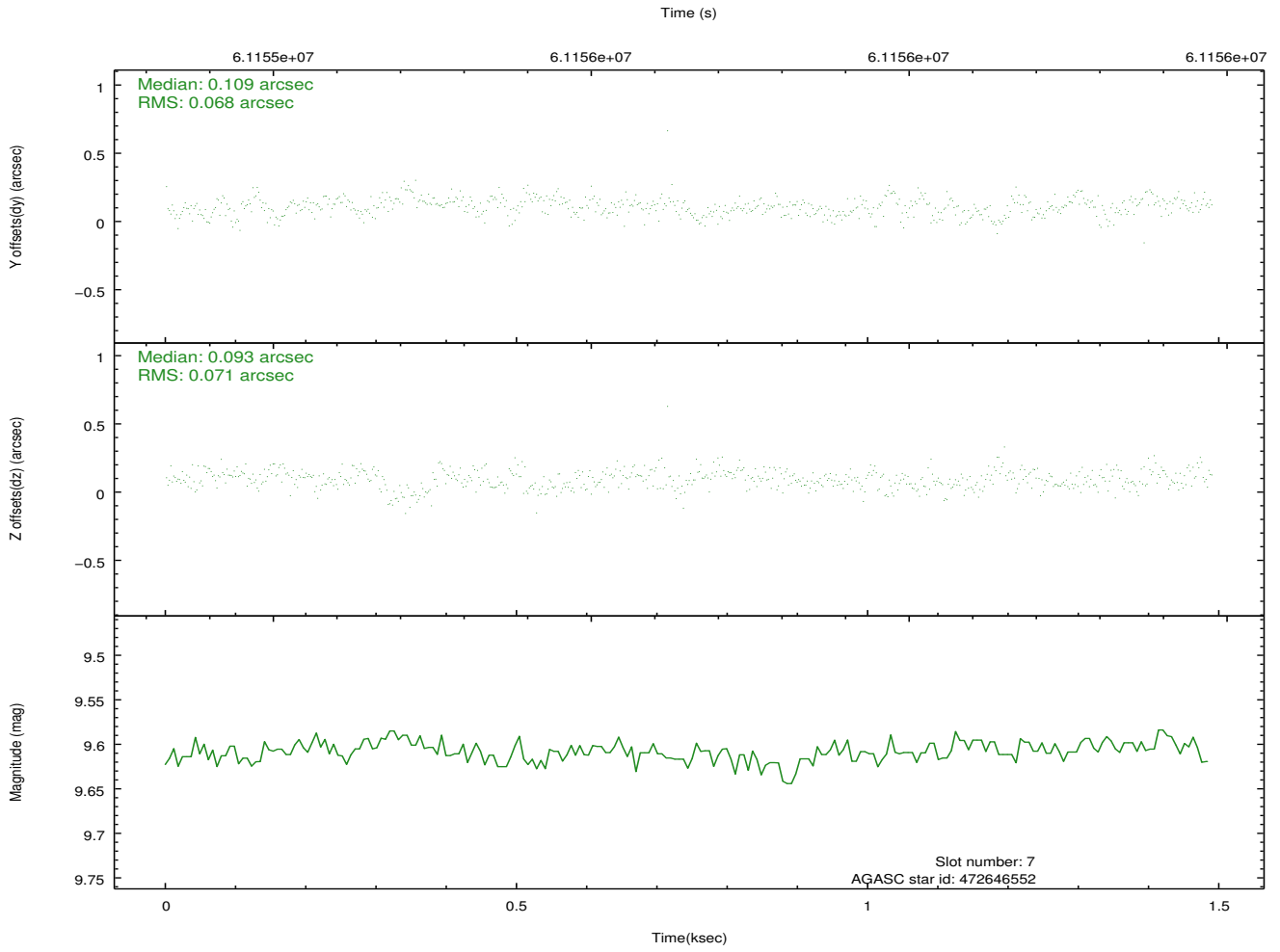
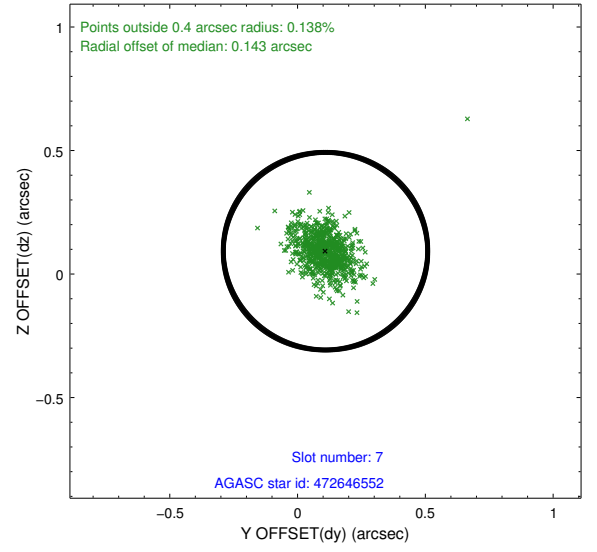
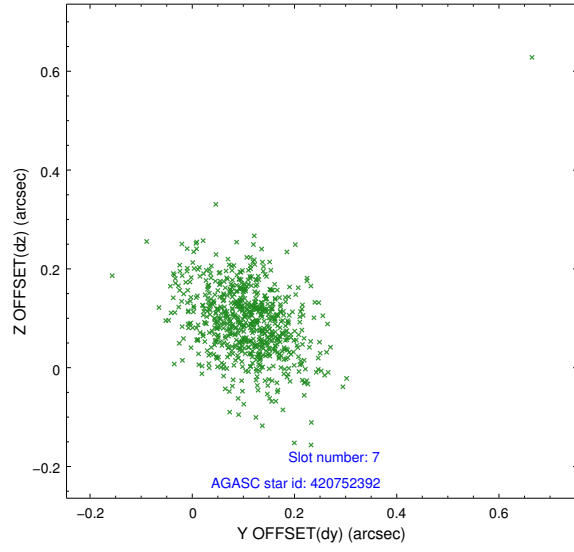
2.4.3 Slot 5



2.4.4 Slot 6

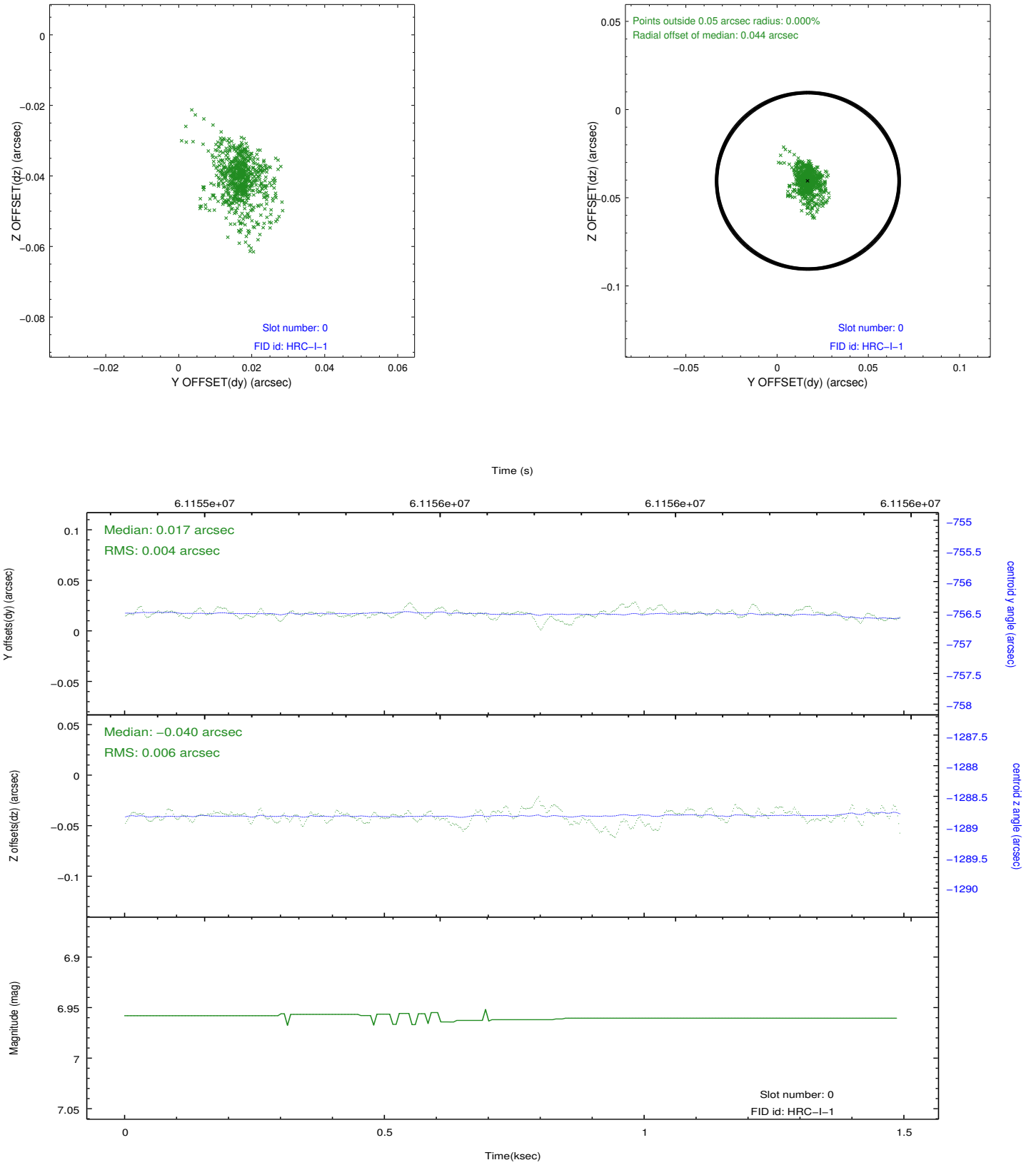


2.4.5 Slot 7

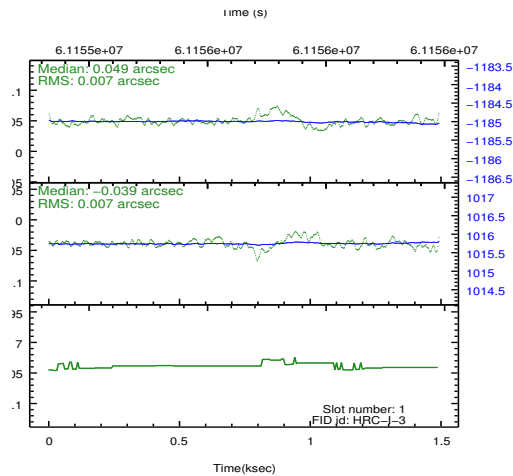
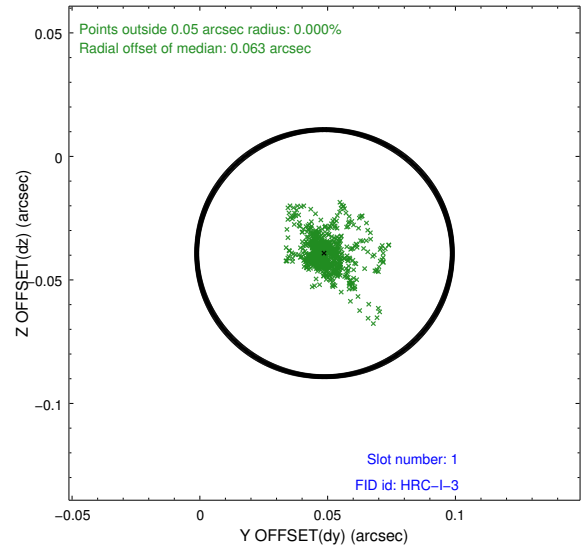
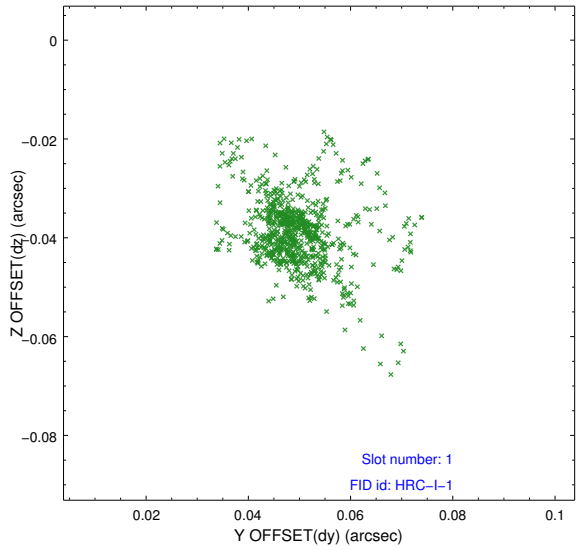


2.5 FID Slots

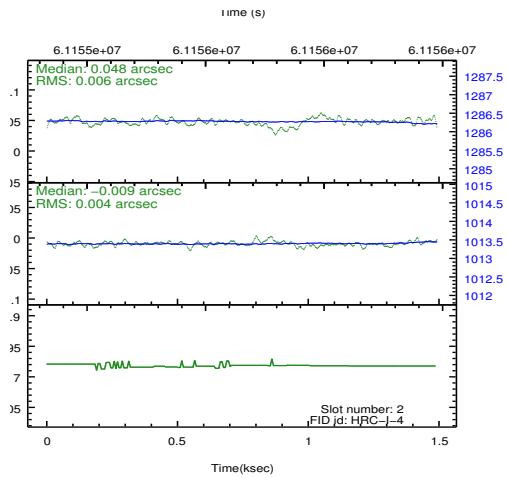
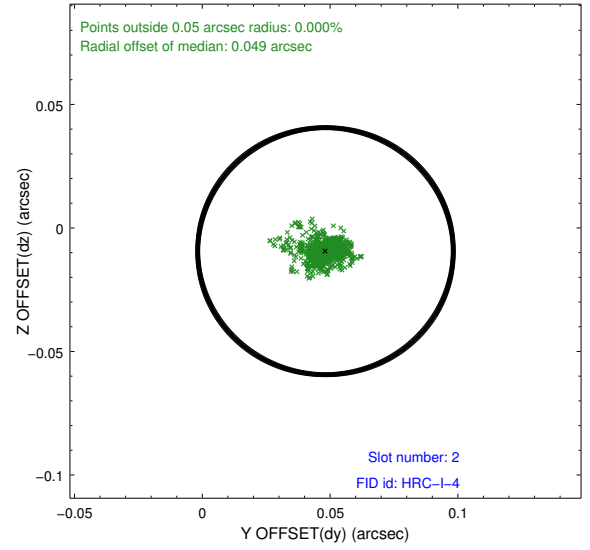
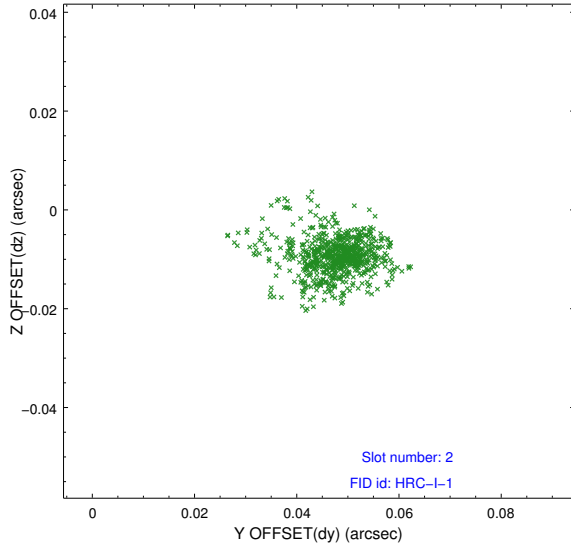
2.5.1 Slot 0



2.5.2 Slot 1

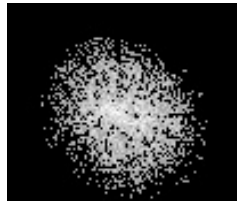


2.5.3 Slot 2



3 Point Sources

14.28 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.213

A.2 Comments

HRC-I cal: ARLac for image blur

Source is off-axis near the edge of the detector.