

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1492 - L2 Version 5

Chandra X-Ray Center

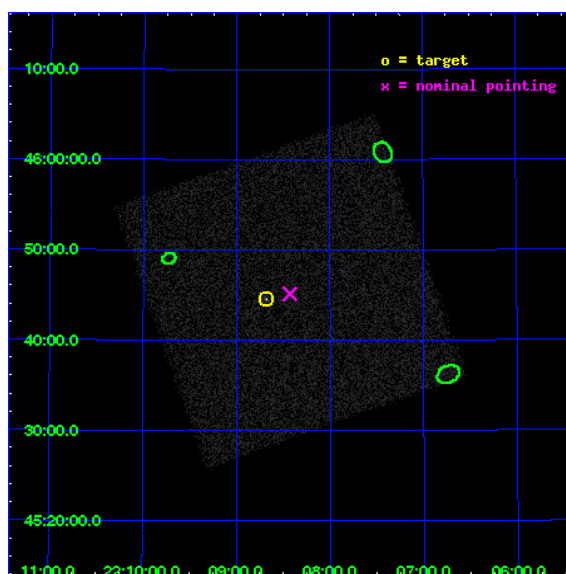
L2 Processing Date : Nov 25 2009

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1 Front

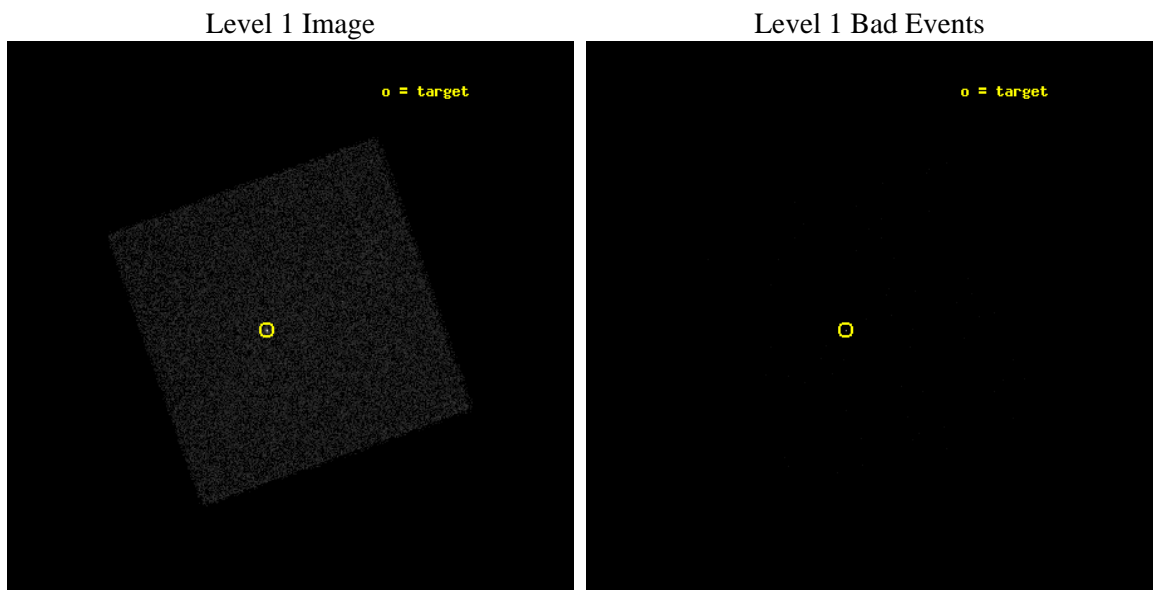
seq_num	280442	Sequence number
obs_id	1492	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.10740079389	Nominal RA
dec_nom	45.752321702067	Nominal Dec
roll_nom	295.47572986613	Nominal Roll
revision	5	Processing version of data
ontime	1214.8812939748	[s]
livetime	1206.7305410544	Ontime multiplied by DTCOR
l2events	44318	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	1214.8812939748	[s]
caldbver	4.1.4	 	l1events	67253	Number of level 1 events
date	2009-11-25T11:27:21	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

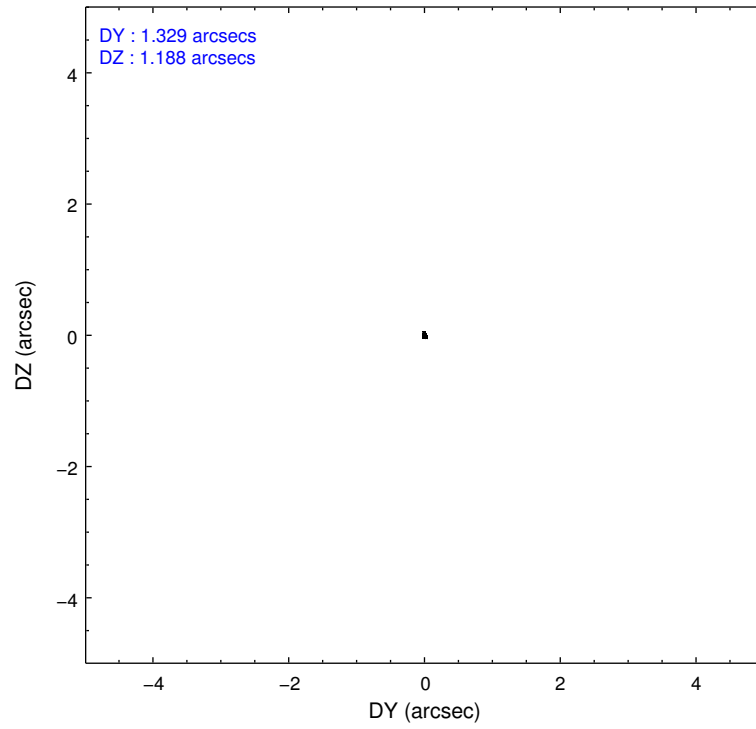
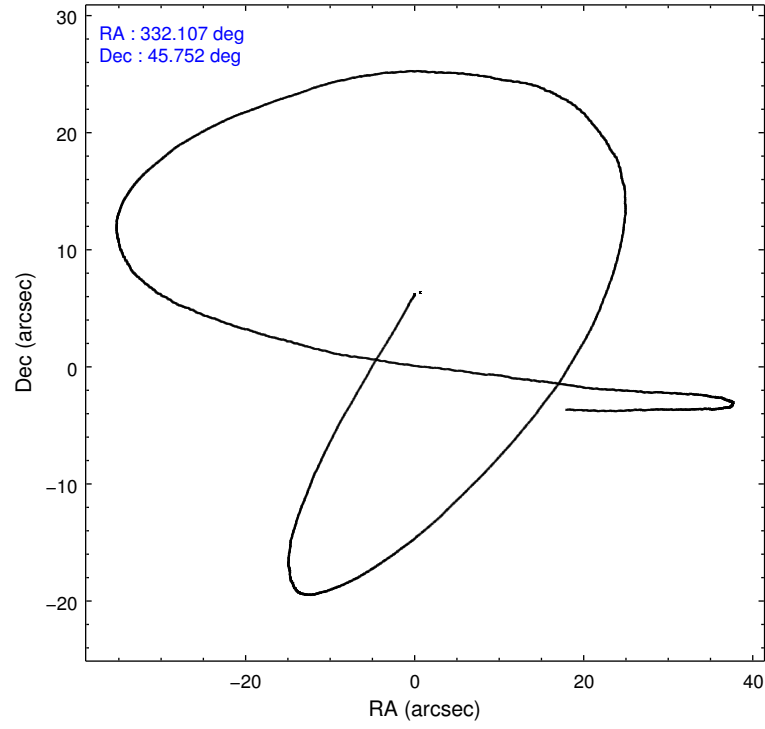
Level 1 Events

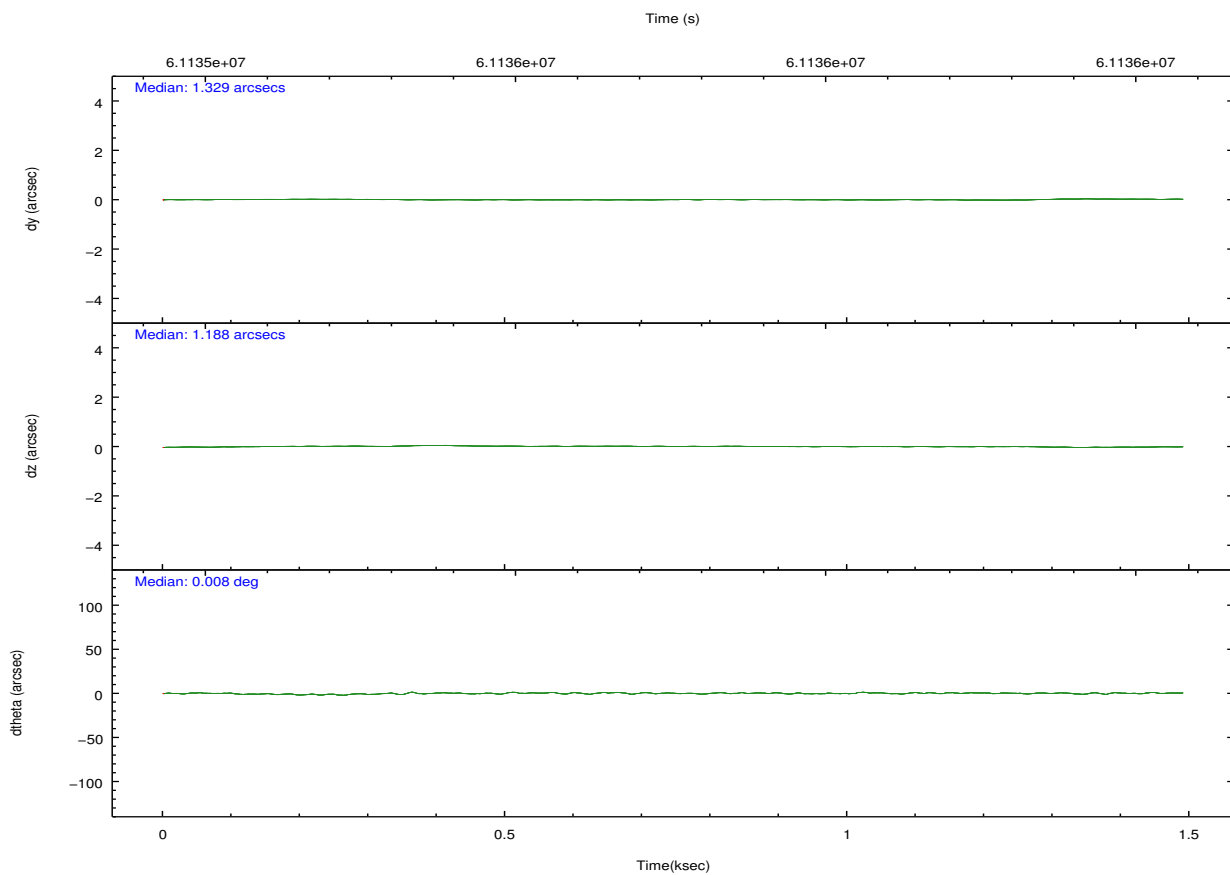
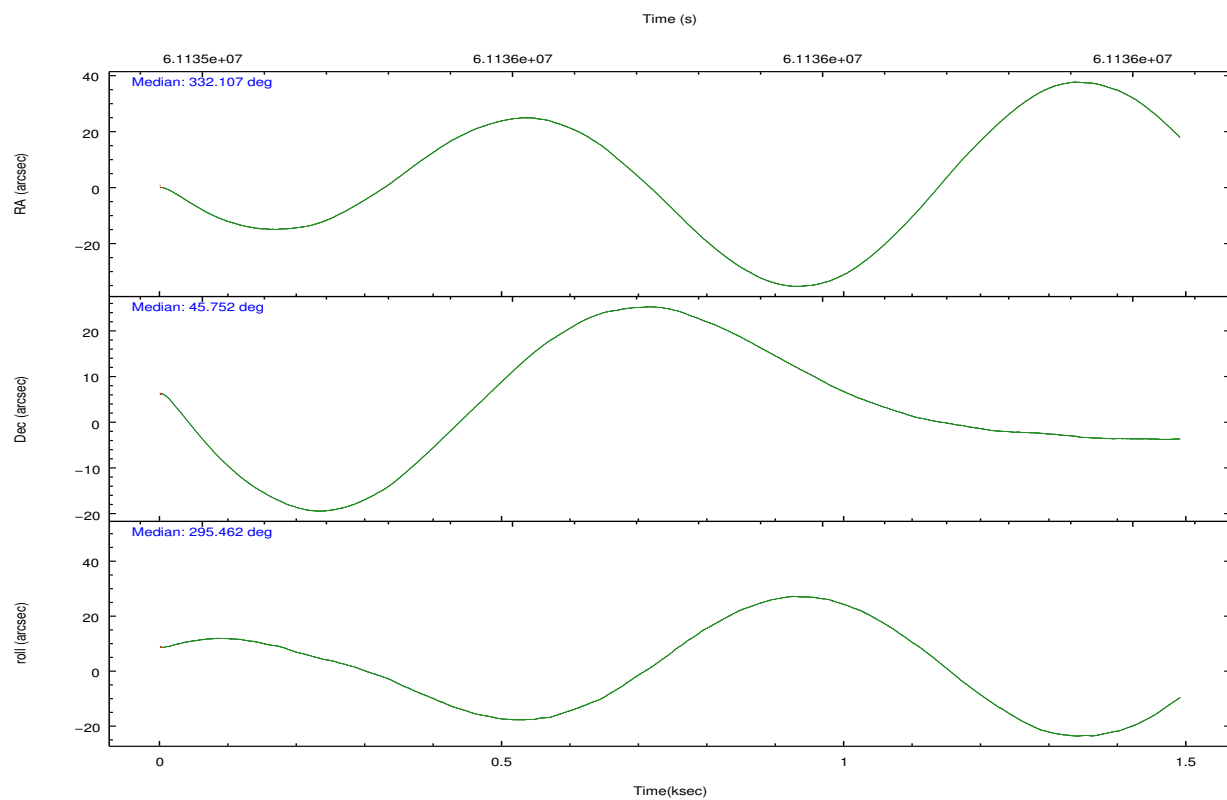
	segment 0
level 1 events	67253
rejected events	2617
rejected %	3%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	332.074178	332.1074007938938			
Pointing Dec	45.768666	45.75232170206716			
Pointing Roll	295.595005	295.4757298661274			
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	61135499.184000	61134832.915225			
Observation start date	1999-12-09T14:03:55	1999-12-09T13:53:52			
Observation end time	61136499.184000	61136633.327791			
Observation end date	1999-12-09T14:20:35	1999-12-09T14:23:53			

2.3 Aspect



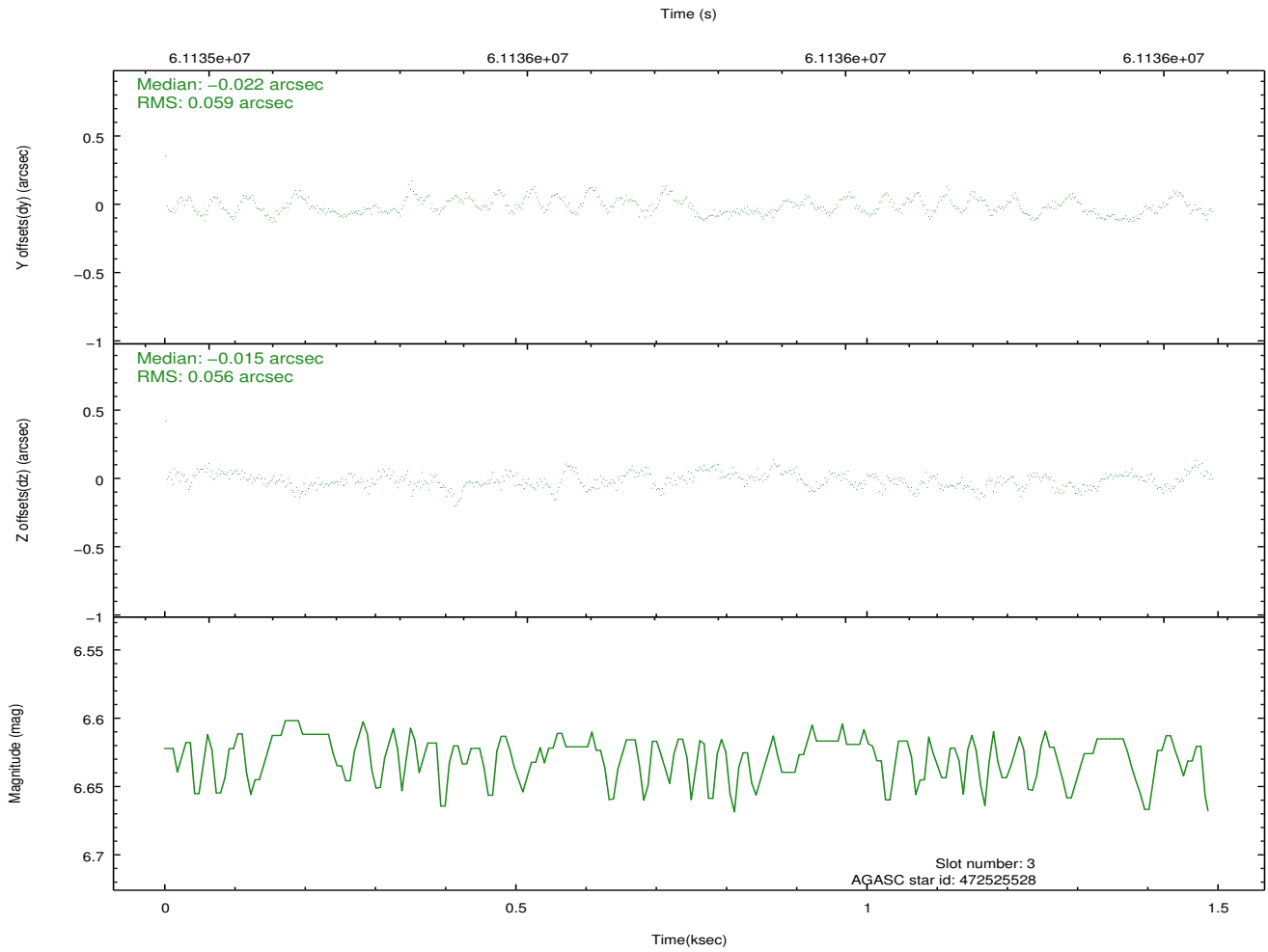
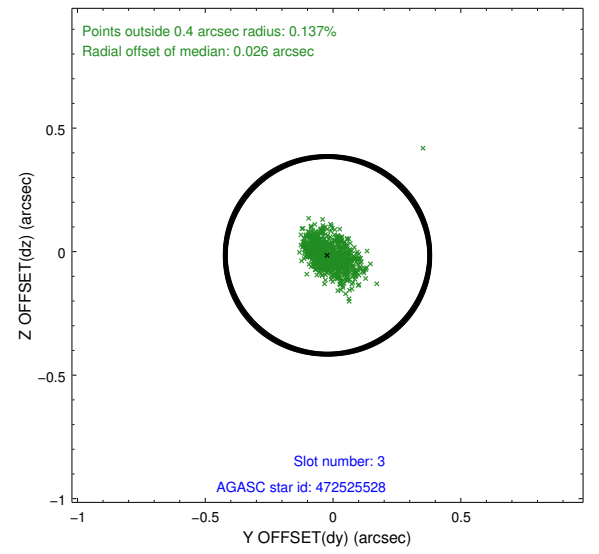
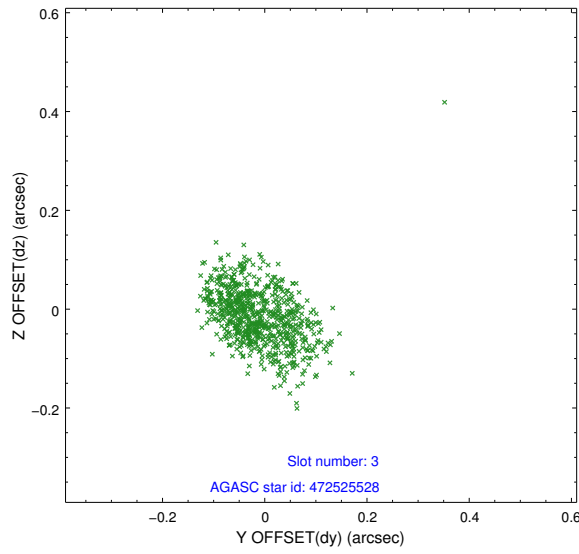


Slot Statistics

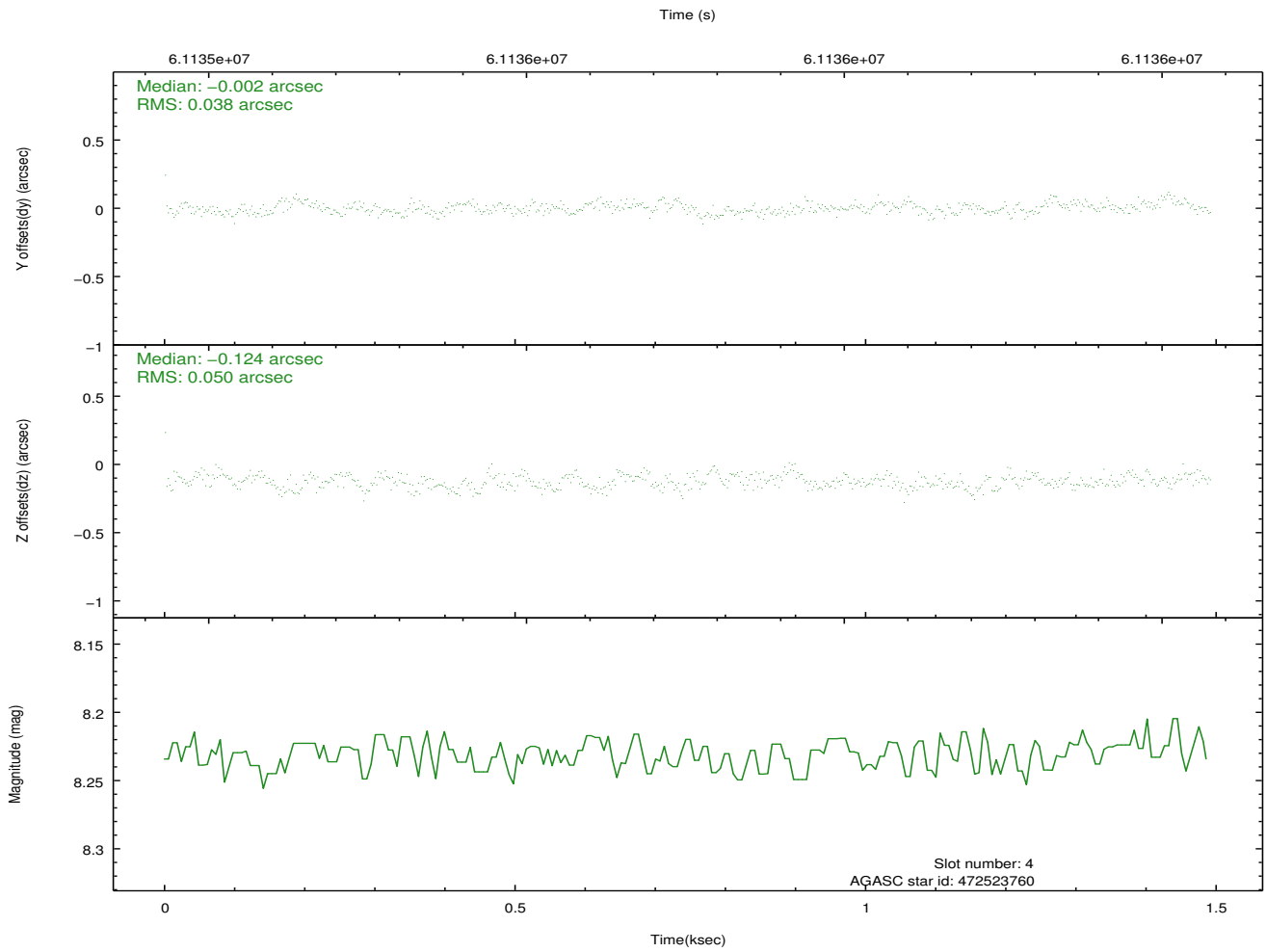
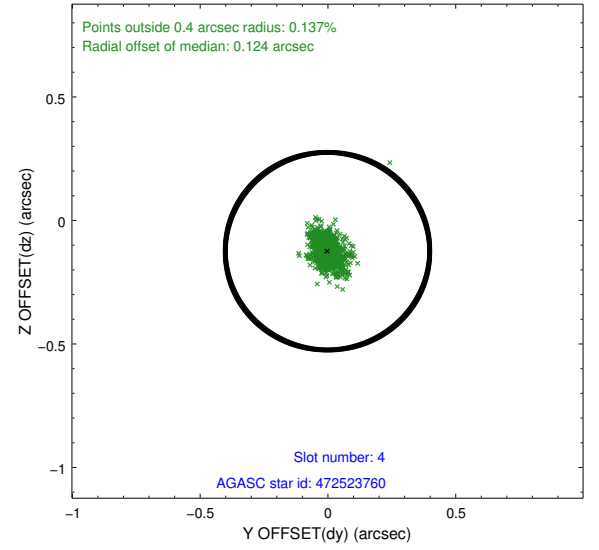
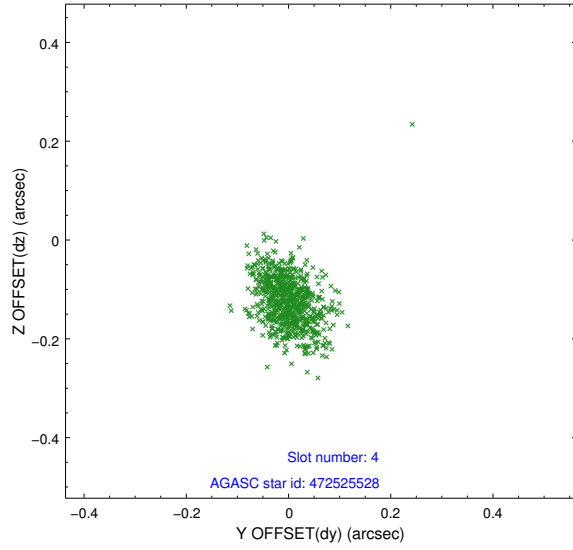
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	728	0.006	-0.052	0.007	0.017	0.000000	0.000000	-756.74	-1288.98
1	FID	HRC-I-3	7.04	728	0.054	-0.039	0.007	0.019	0.000000	0.000000	-1186.25	1013.82
2	FID	HRC-I-4	7.00	728	0.054	0.003	0.006	0.009	0.000000	0.000000	1284.44	1014.66
3	GUIDE	472525528	6.63	728	-0.022	-0.015	0.085	0.135	331.551102	45.248694	1108.91	-2002.15
4	GUIDE	472523760	8.23	728	-0.002	-0.124	0.065	0.106	331.645363	45.403260	714.26	-1547.18
5	GUIDE	472665256	9.03	728	-0.088	-0.096	0.078	0.131	332.808125	46.195041	-604.66	2313.94
6	GUIDE	472659832	9.47	728	0.017	0.071	0.102	0.171	332.780399	46.098139	-319.65	2108.98
7	GUIDE	472655152	9.43	727	0.080	0.164	0.095	0.170	332.504239	45.862991	153.11	1123.48

2.4 Star Slots

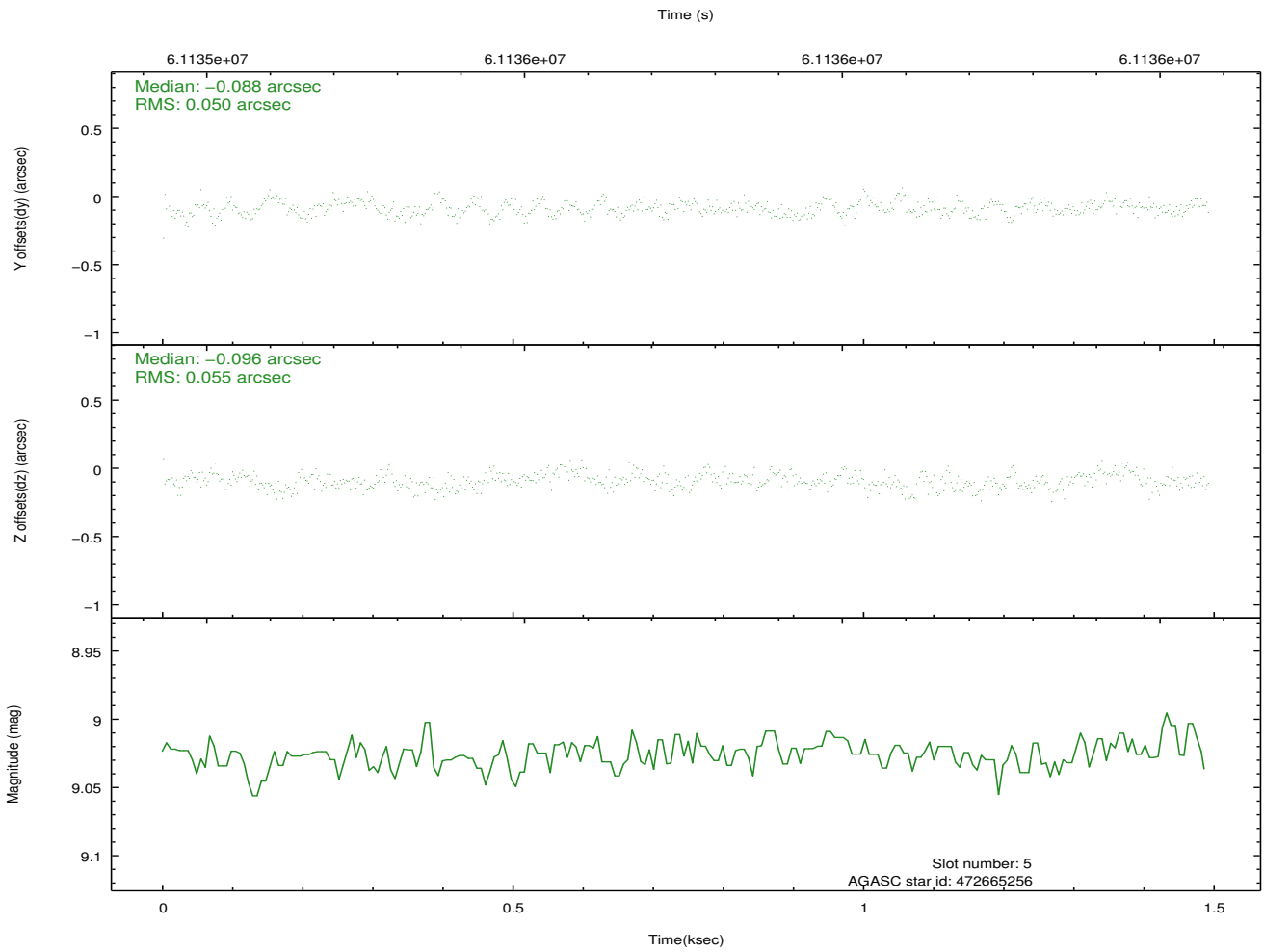
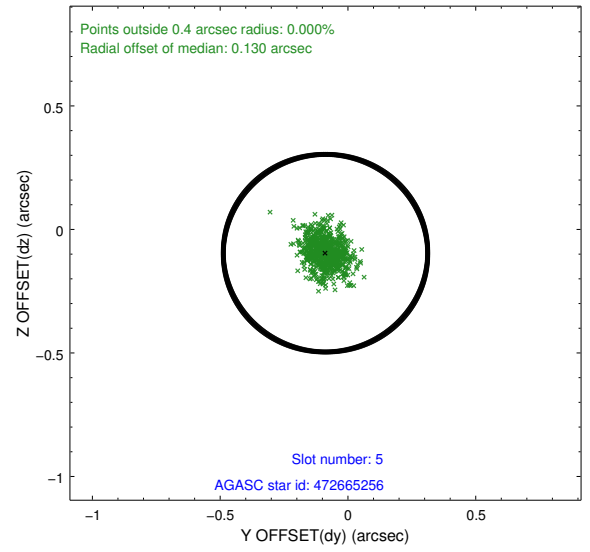
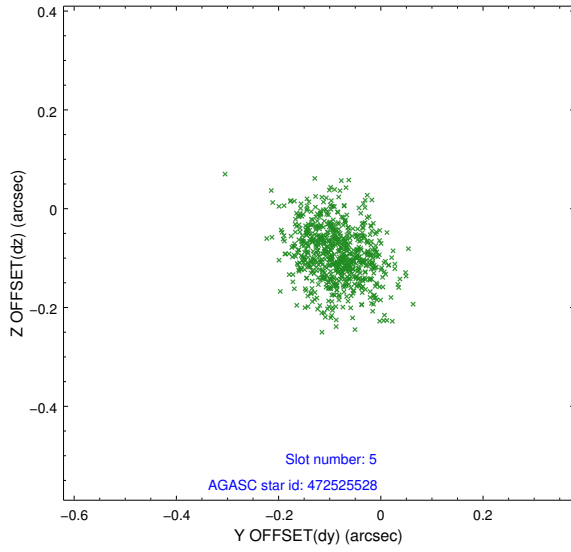
2.4.1 Slot 3



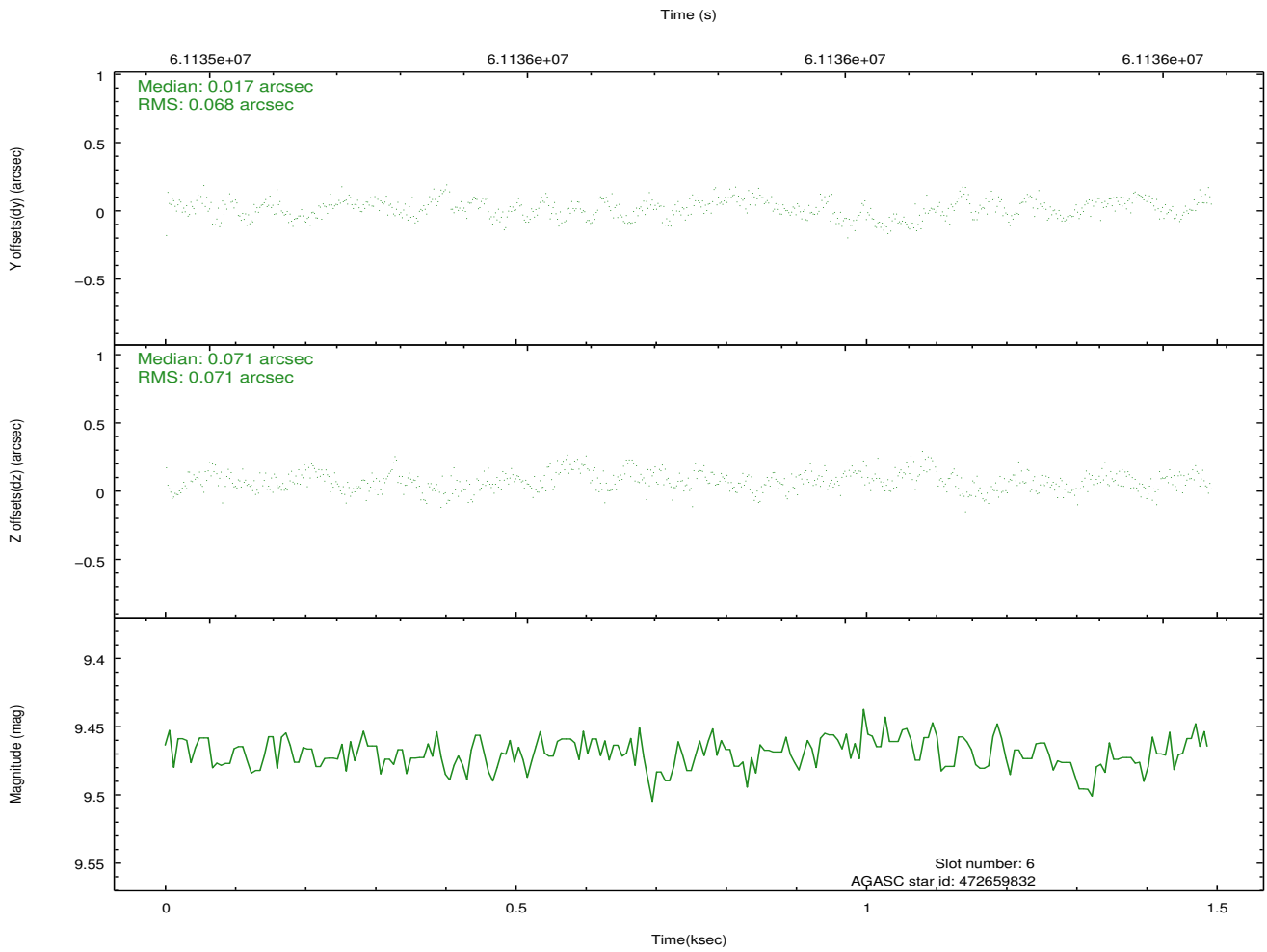
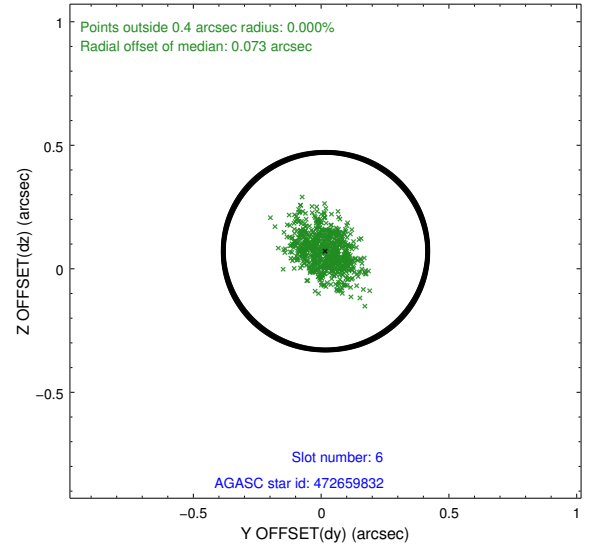
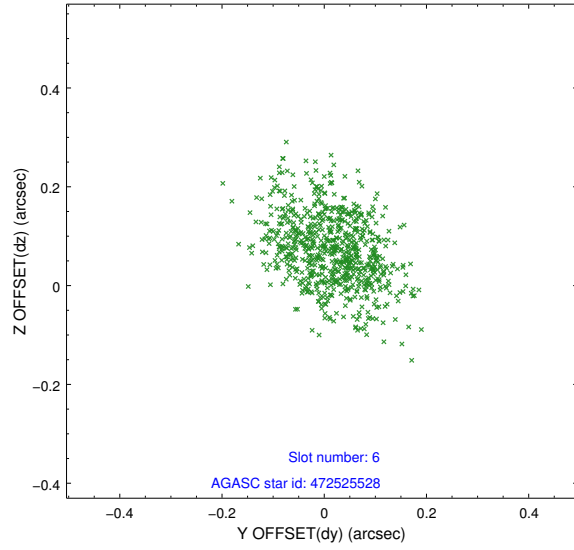
2.4.2 Slot 4



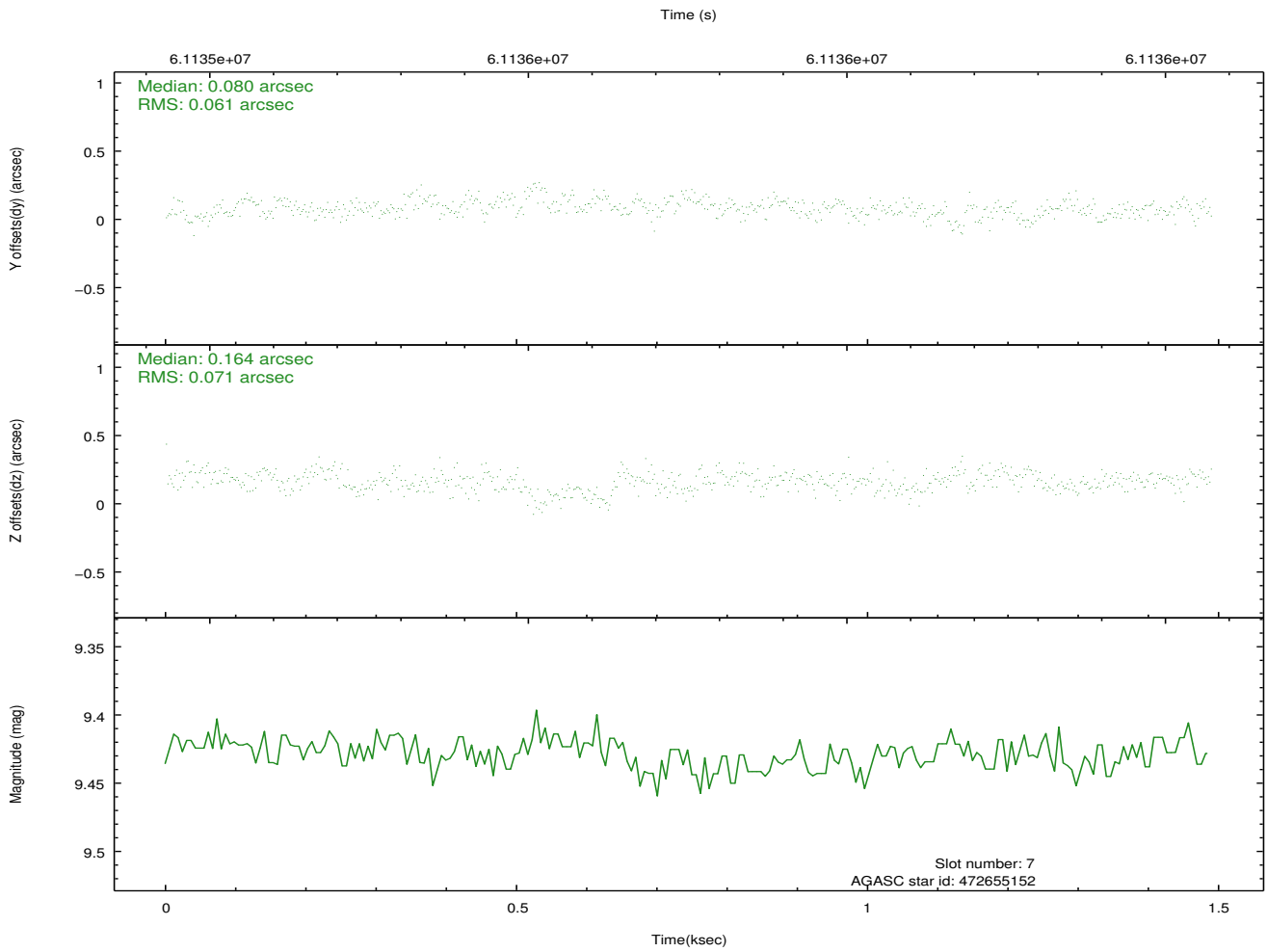
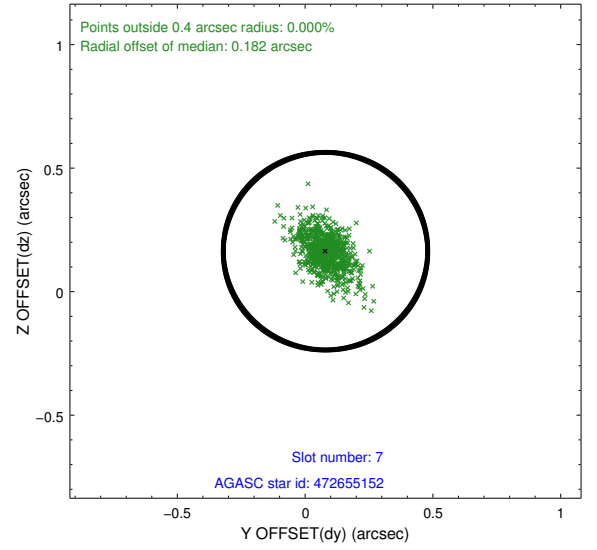
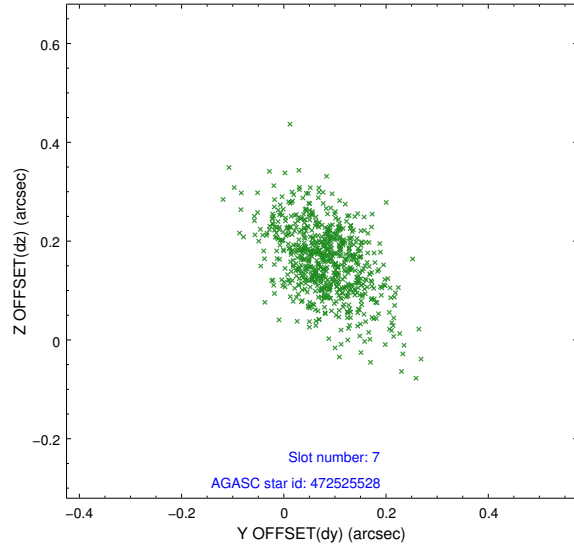
2.4.3 Slot 5



2.4.4 Slot 6

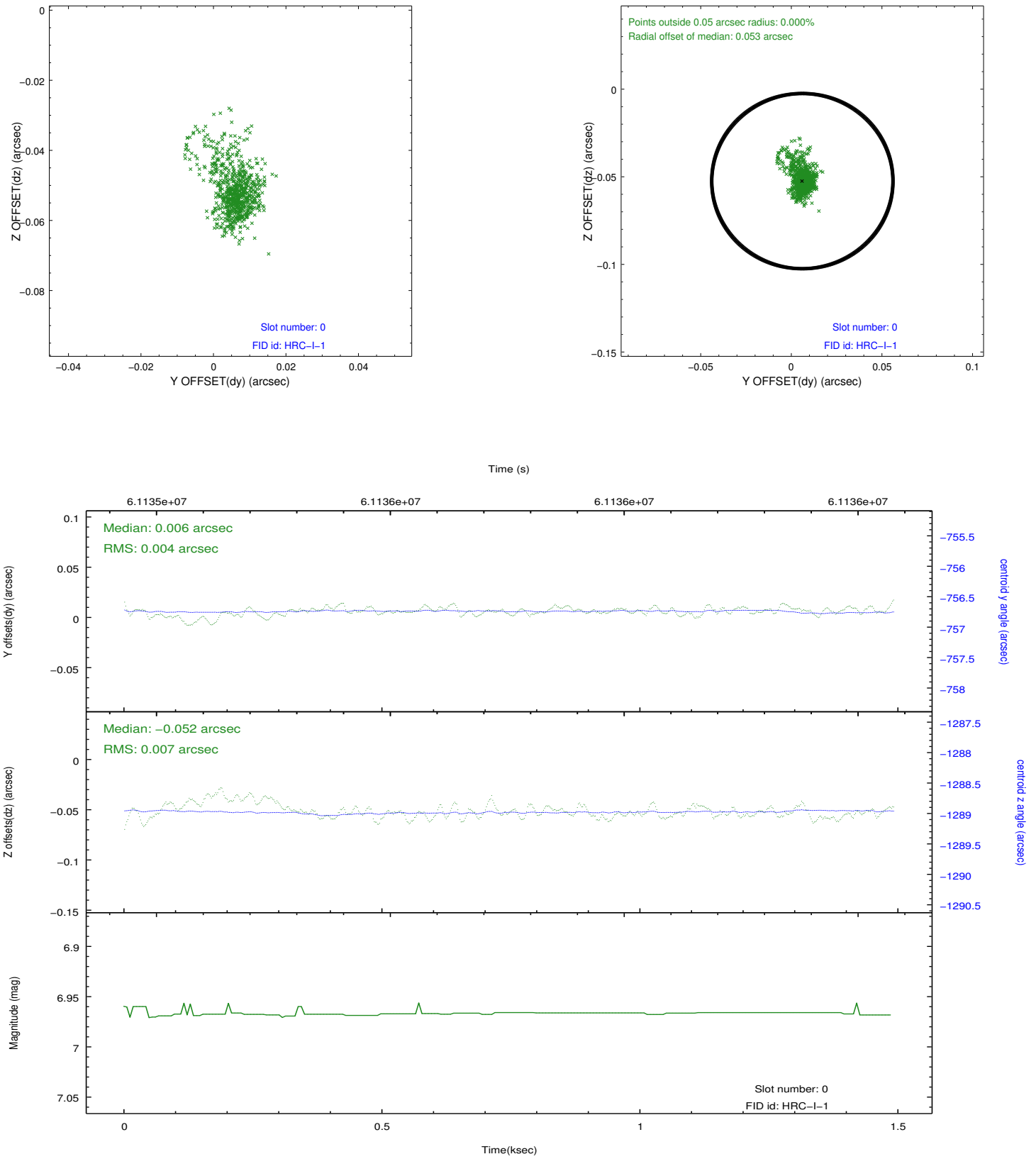


2.4.5 Slot 7

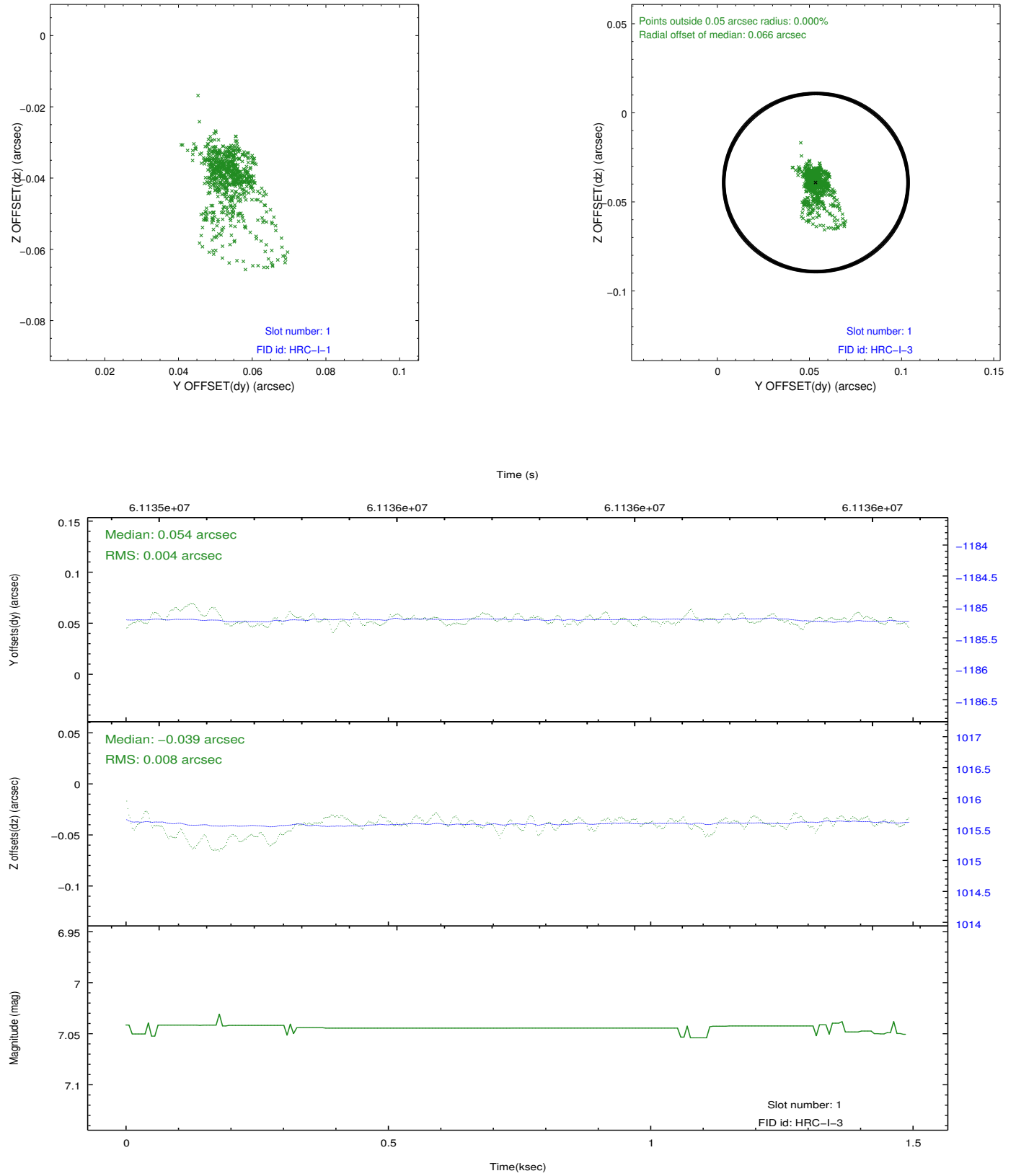


2.5 FID Slots

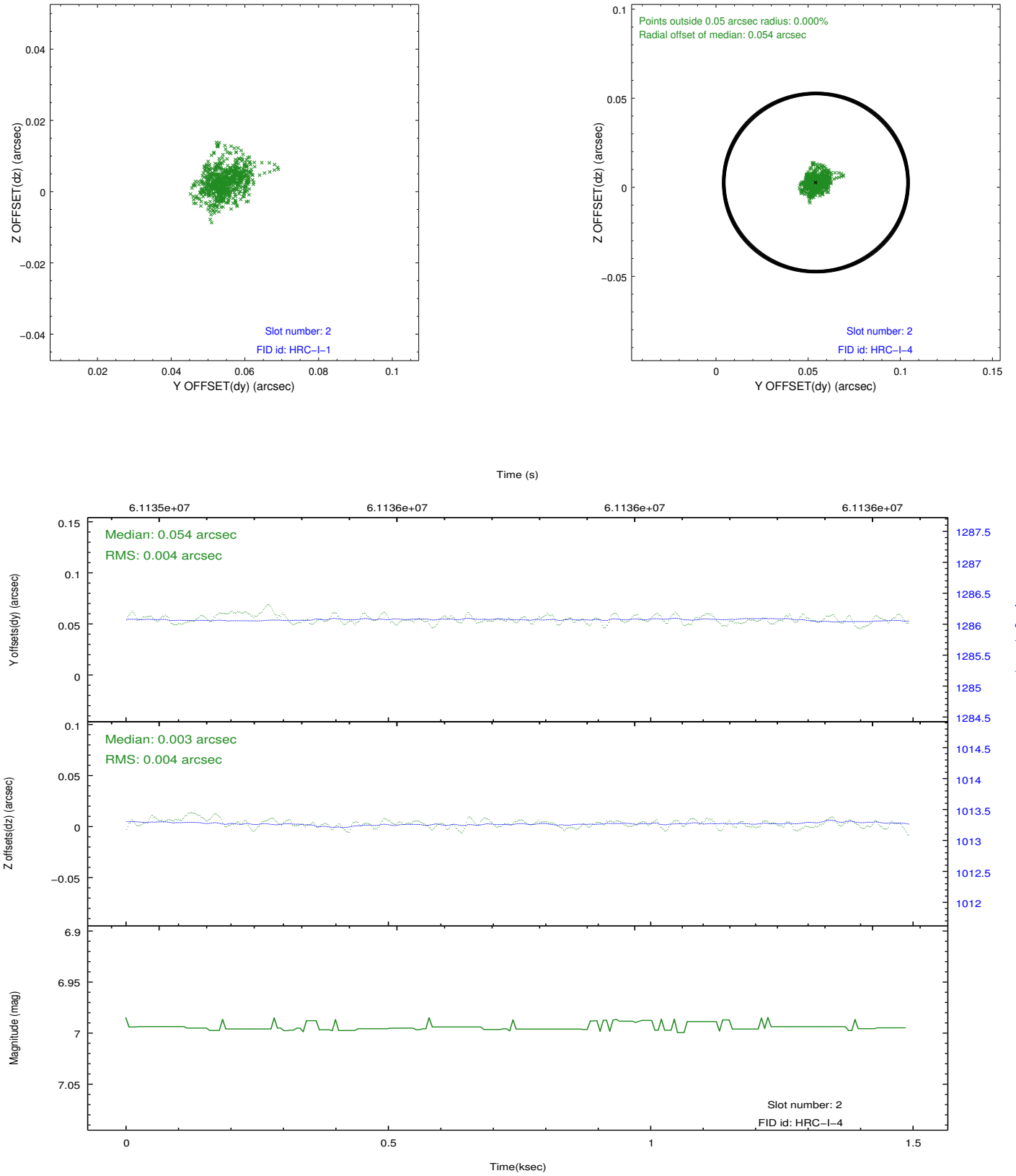
2.5.1 Slot 0



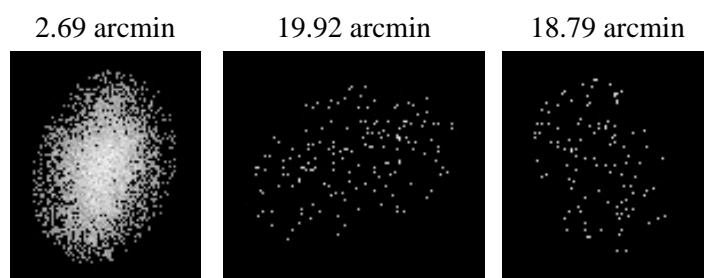
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.214

A.2 Comments

HRC-I cal: ARLac for image blur