

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1490 - L2 Version 5

Chandra X-Ray Center

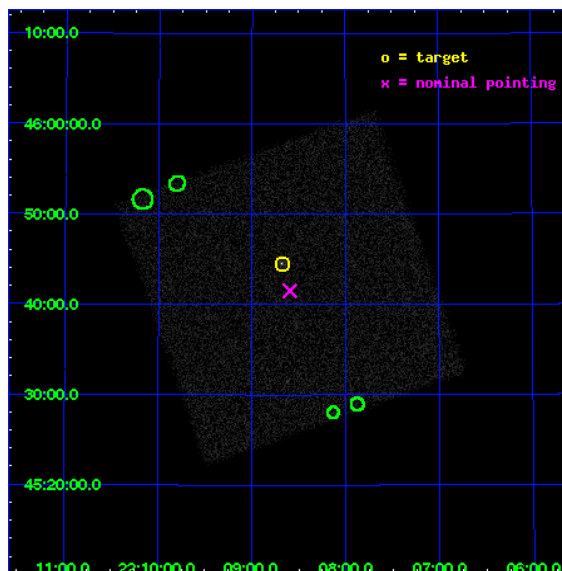
L2 Processing Date : Nov 25 2009

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1 Front

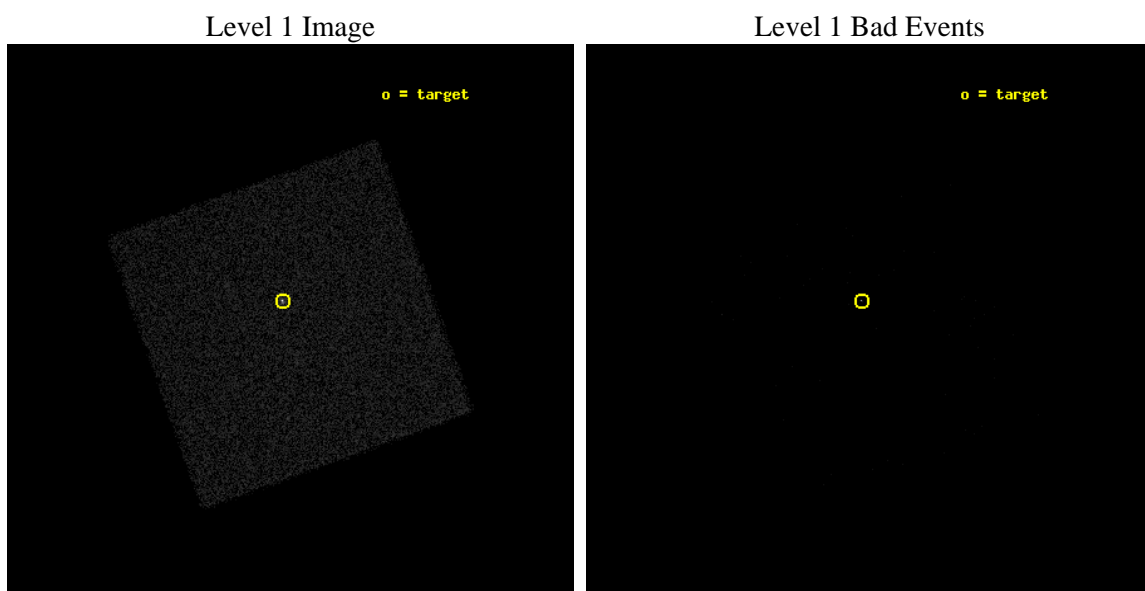
seq_num	280440	Sequence number
obs_id	1490	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.14855676554	Nominal RA
dec_nom	45.692196045172	Nominal Dec
roll_nom	295.42166048577	Nominal Roll
revision	5	Processing version of data
ontime	1214.8812939748	[s]
livetime	1206.9712631739	Ontime multiplied by DTCOR
l2events	41714	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	63493	Number of level 1 events
date	2009-11-25T11:39:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

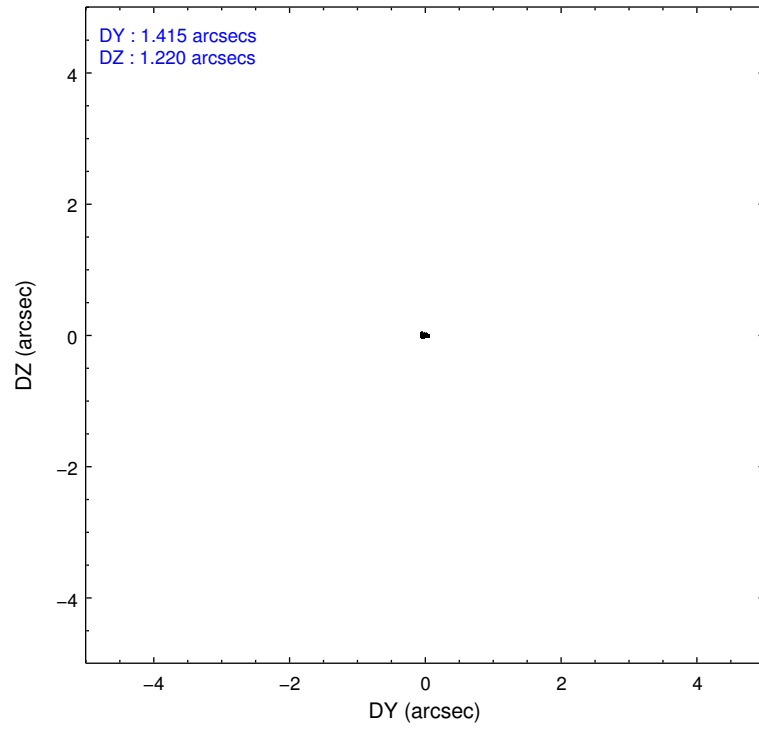
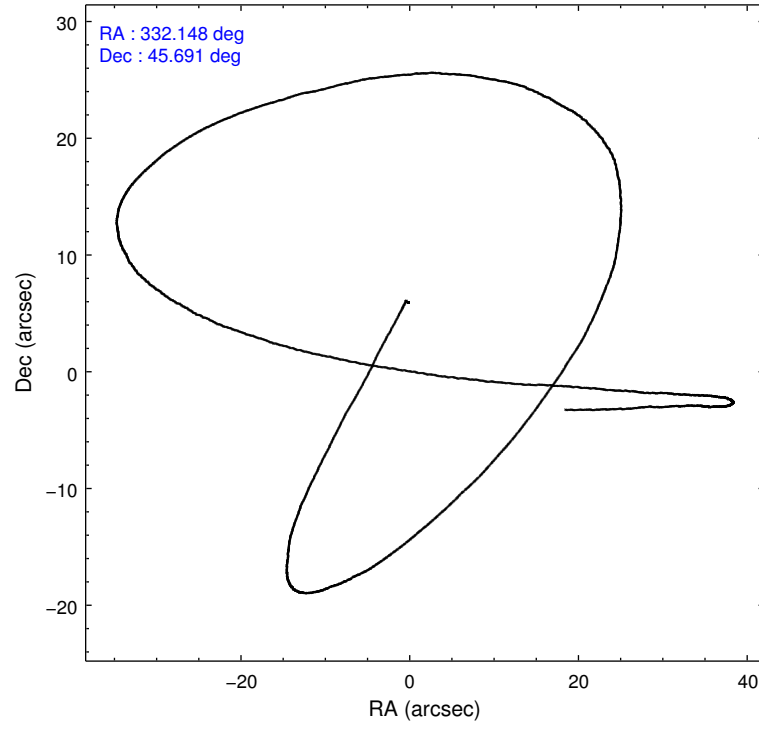
Level 1 Events

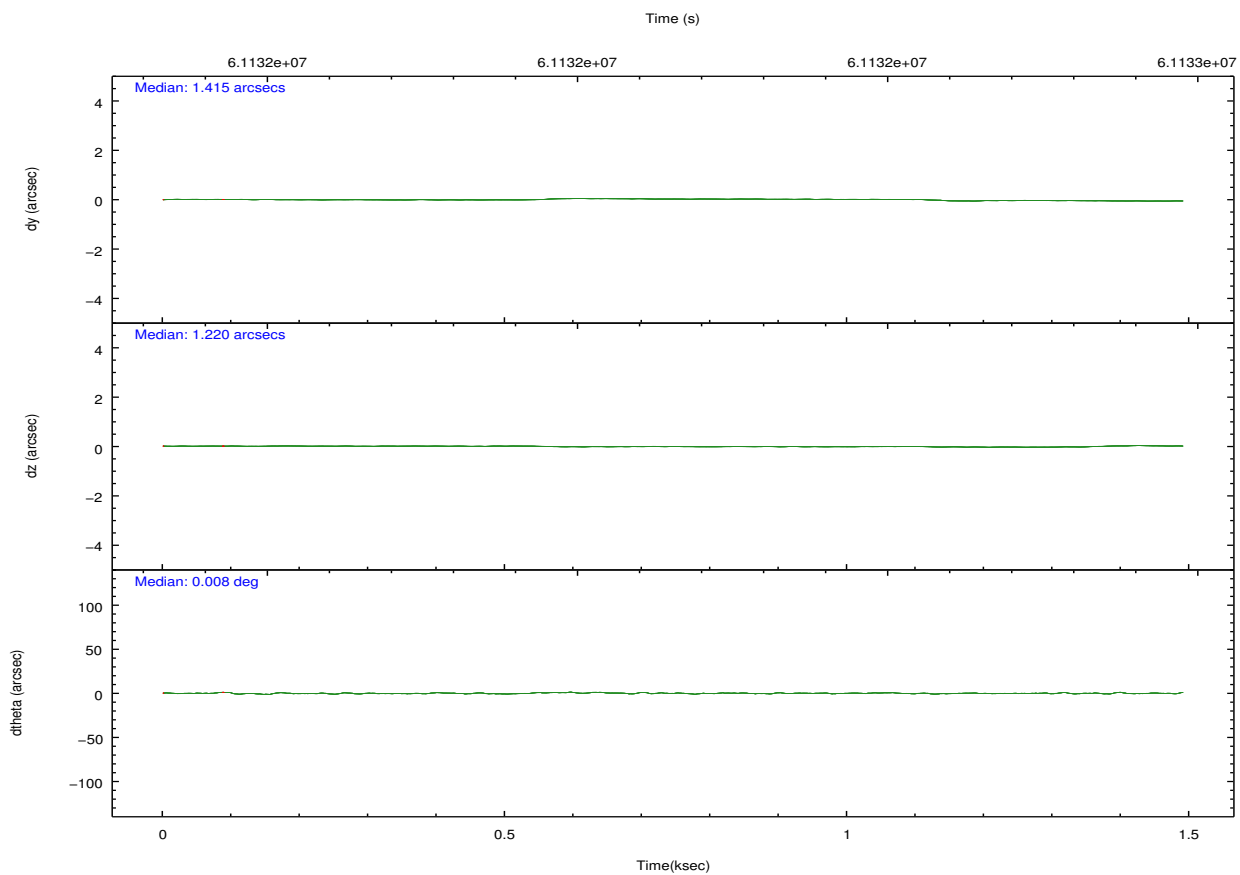
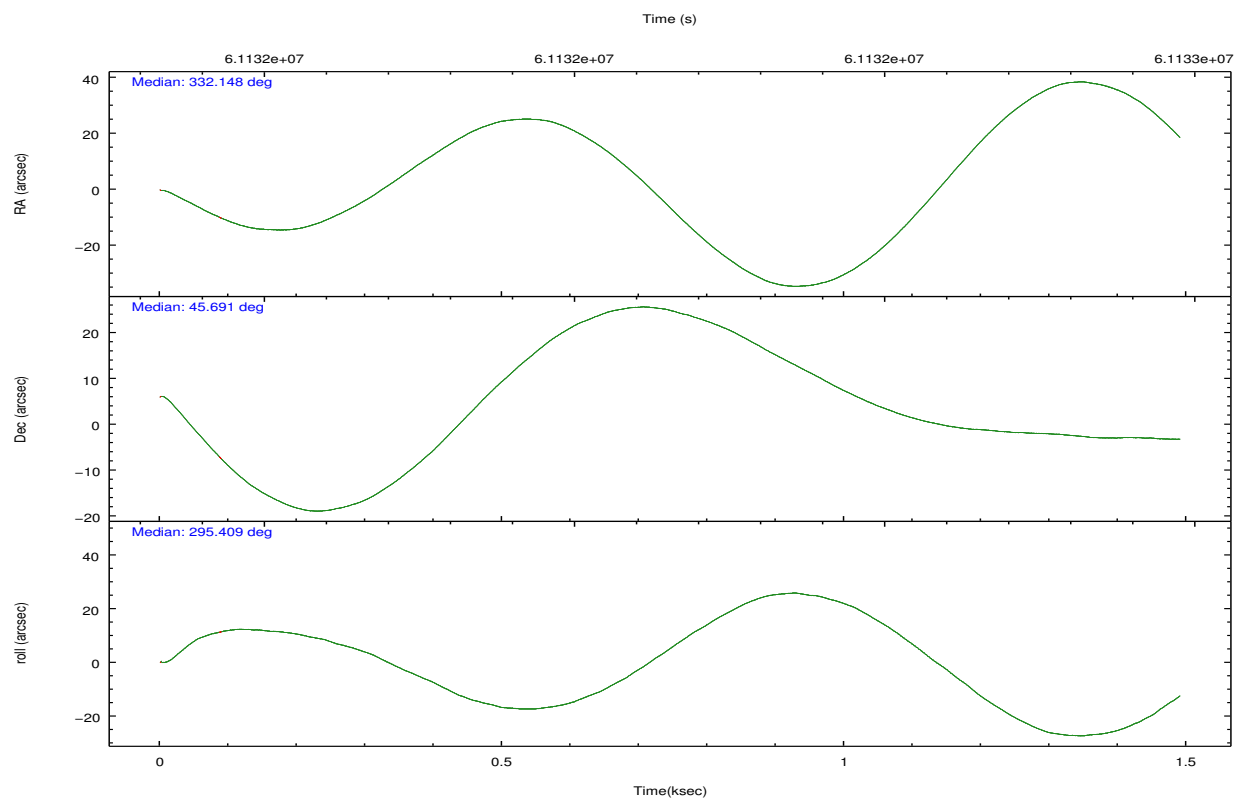
	segment 0
level 1 events	63493
rejected events	2548
rejected %	4%

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	332.115406	332.1485567655425			
Pointing Dec	45.708565	45.69219604517211			
Pointing Roll	295.540887	295.4216604857668			
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	61131899.184000	61131232.602595			
Observation start date	1999-12-09T13:03:55	1999-12-09T12:53:52			
Observation end time	61132899.184000	61133033.52766			
Observation end date	1999-12-09T13:20:35	1999-12-09T13:23:53			

2.3 Aspect



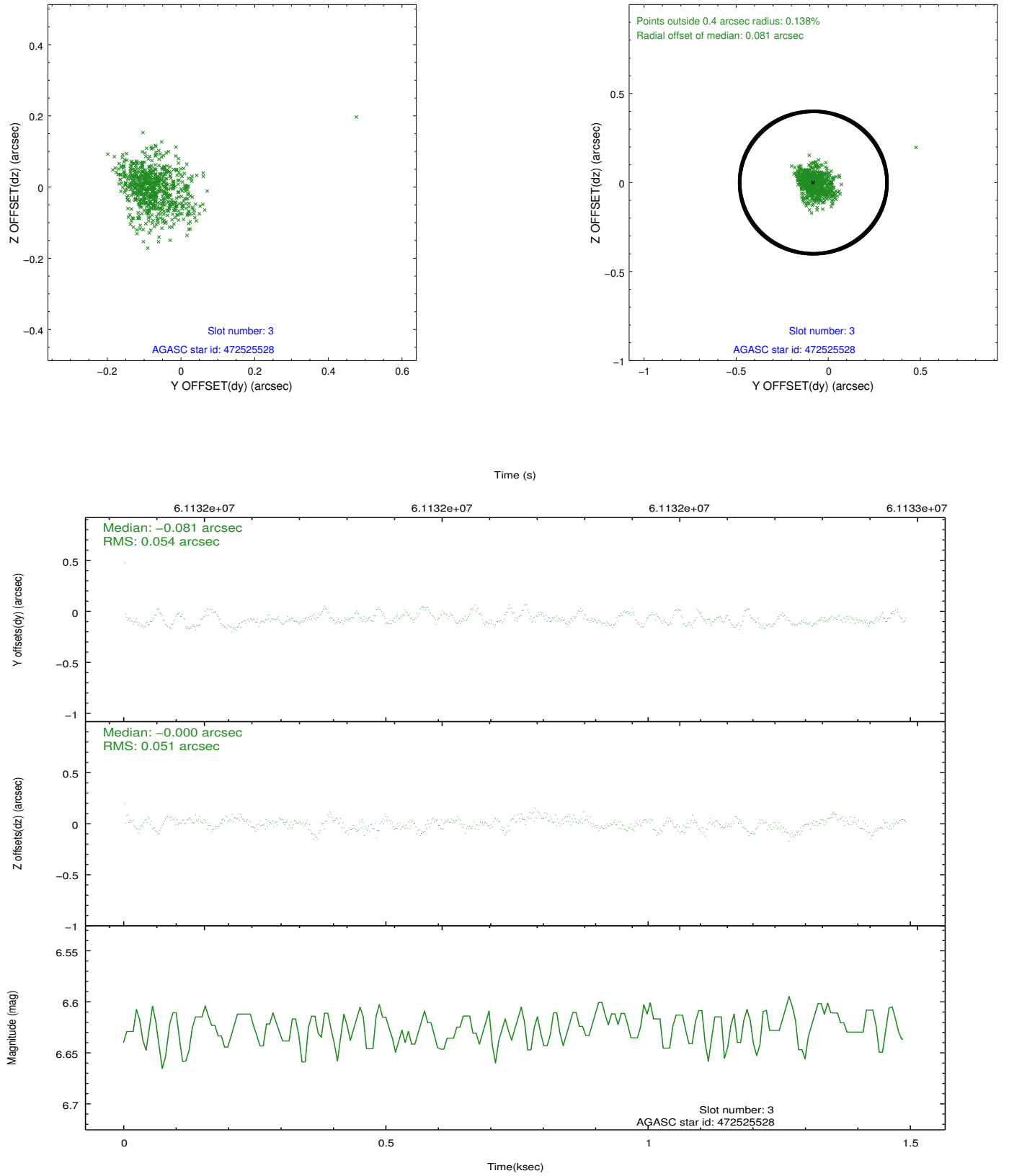


Slot Statistics

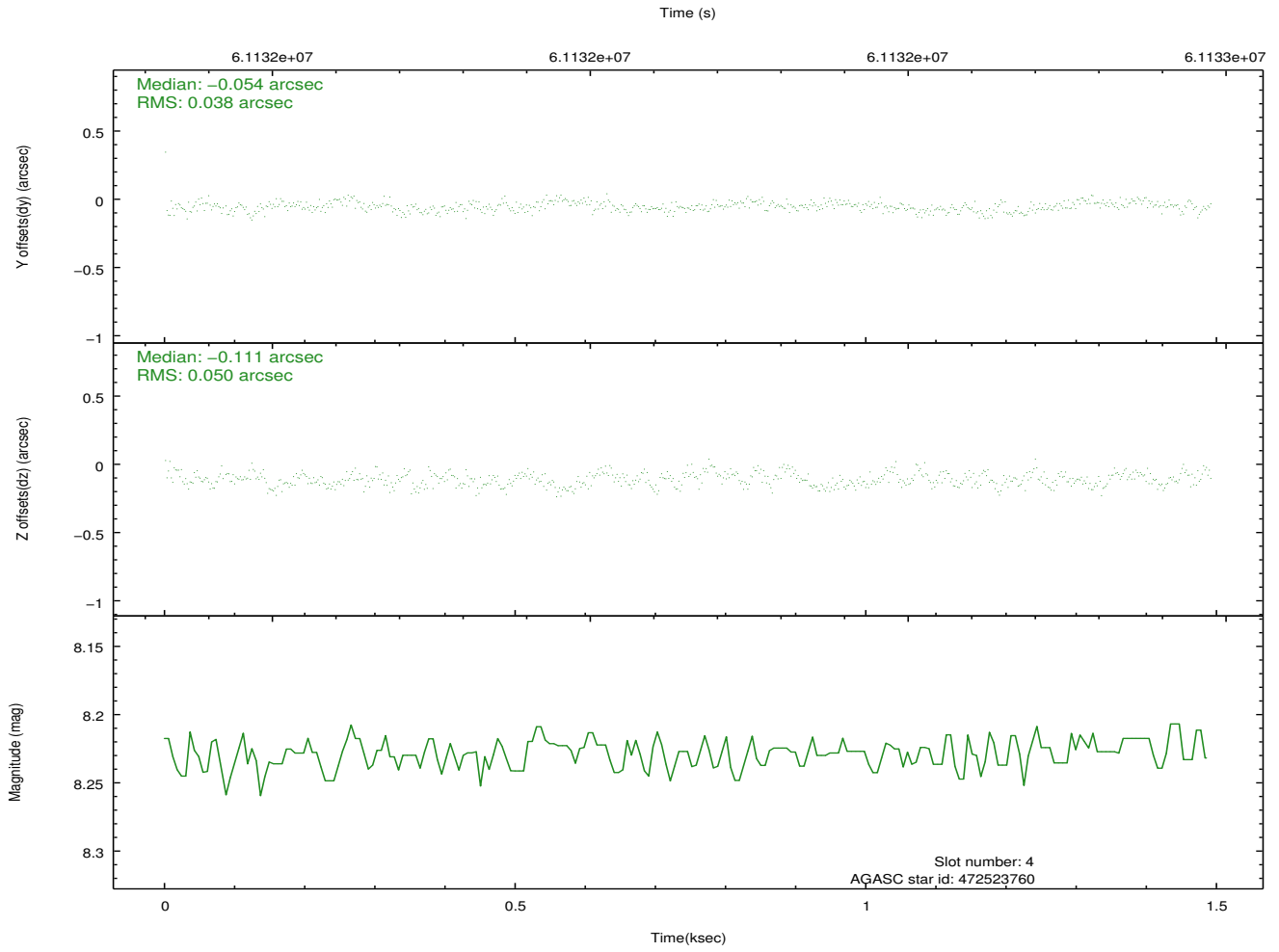
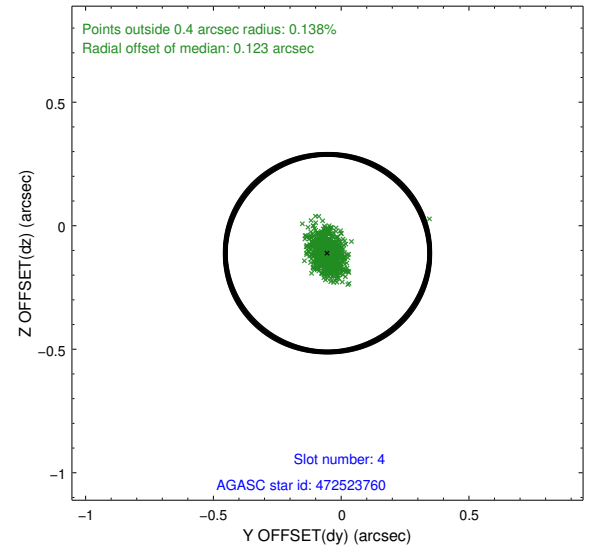
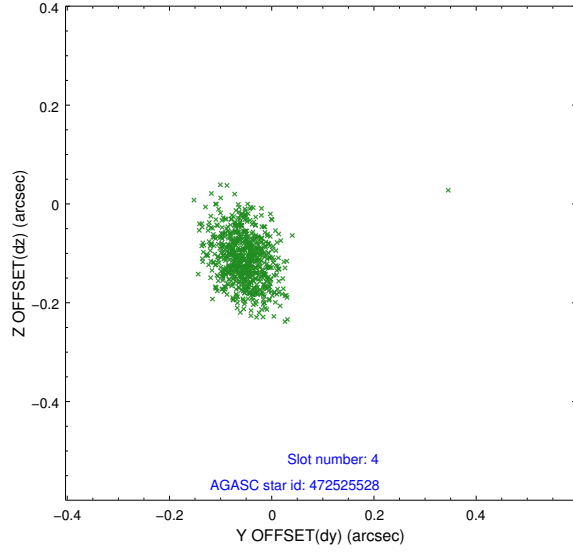
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	727	0.026	-0.057	0.007	0.012	0.000000	0.000000	-756.81	-1289.02
1	FID	HRC-I-2	7.00	727	0.026	0.007	0.006	0.010	0.000000	0.000000	854.78	-1292.28
2	FID	HRC-I-3	7.04	727	0.068	-0.039	0.006	0.010	0.000000	0.000000	-1184.10	1013.78
3	GUIDE	472525528	6.63	727	-0.081	-0.000	0.076	0.126	331.551102	45.248694	869.80	-2001.82
4	GUIDE	472523760	8.23	727	-0.054	-0.111	0.066	0.105	331.645363	45.403260	474.64	-1547.03
5	GUIDE	472665256	9.03	726	-0.078	-0.034	0.078	0.125	332.808125	46.195041	-845.82	2313.58
6	GUIDE	472659832	9.47	727	0.010	0.105	0.094	0.157	332.780399	46.098139	-560.76	2108.72
7	GUIDE	472655704	9.47	723	0.191	0.047	0.092	0.144	332.167195	45.285228	1427.96	-535.33

2.4 Star Slots

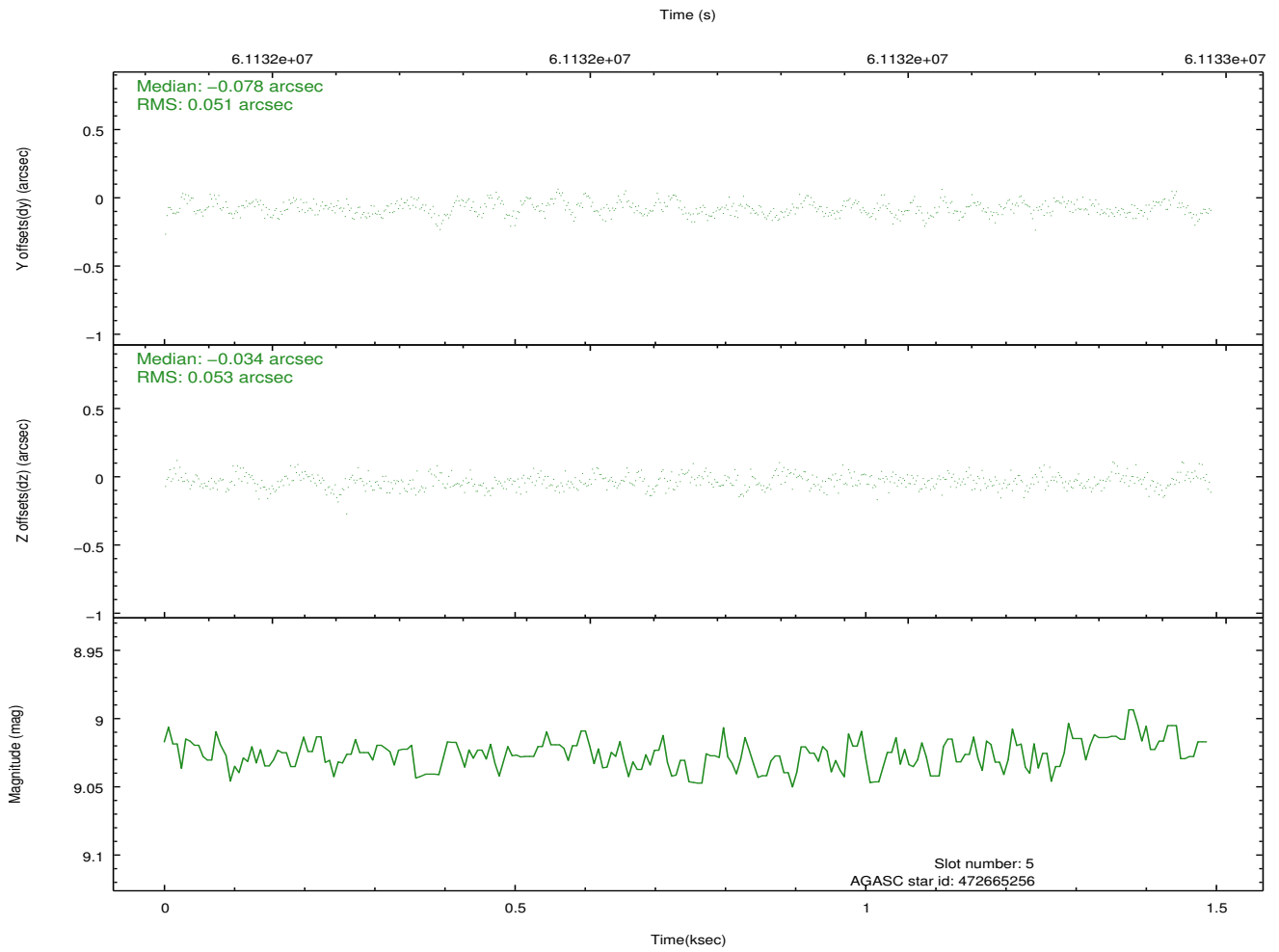
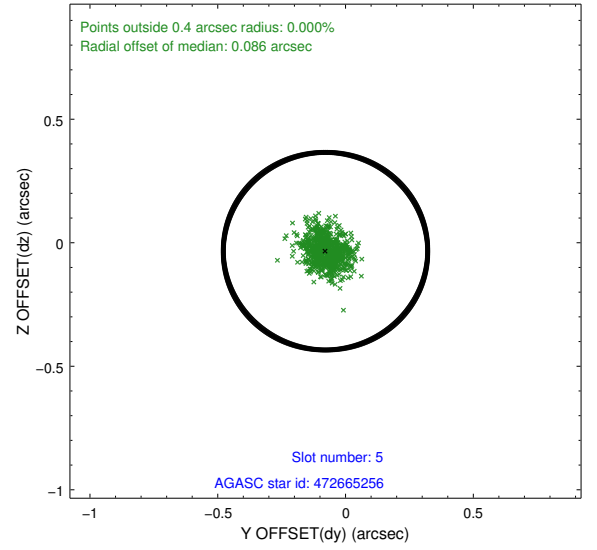
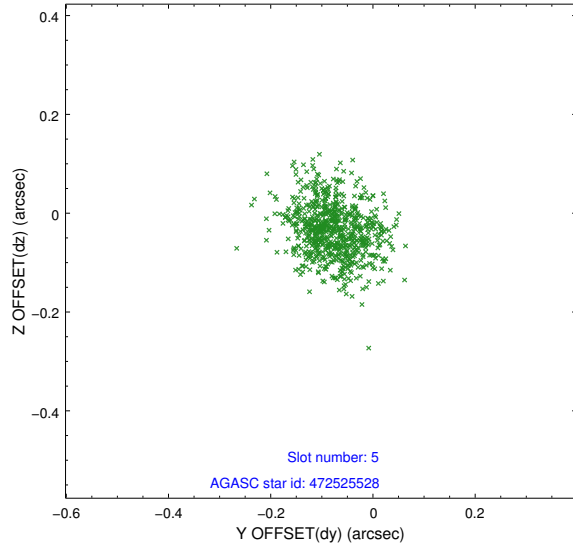
2.4.1 Slot 3



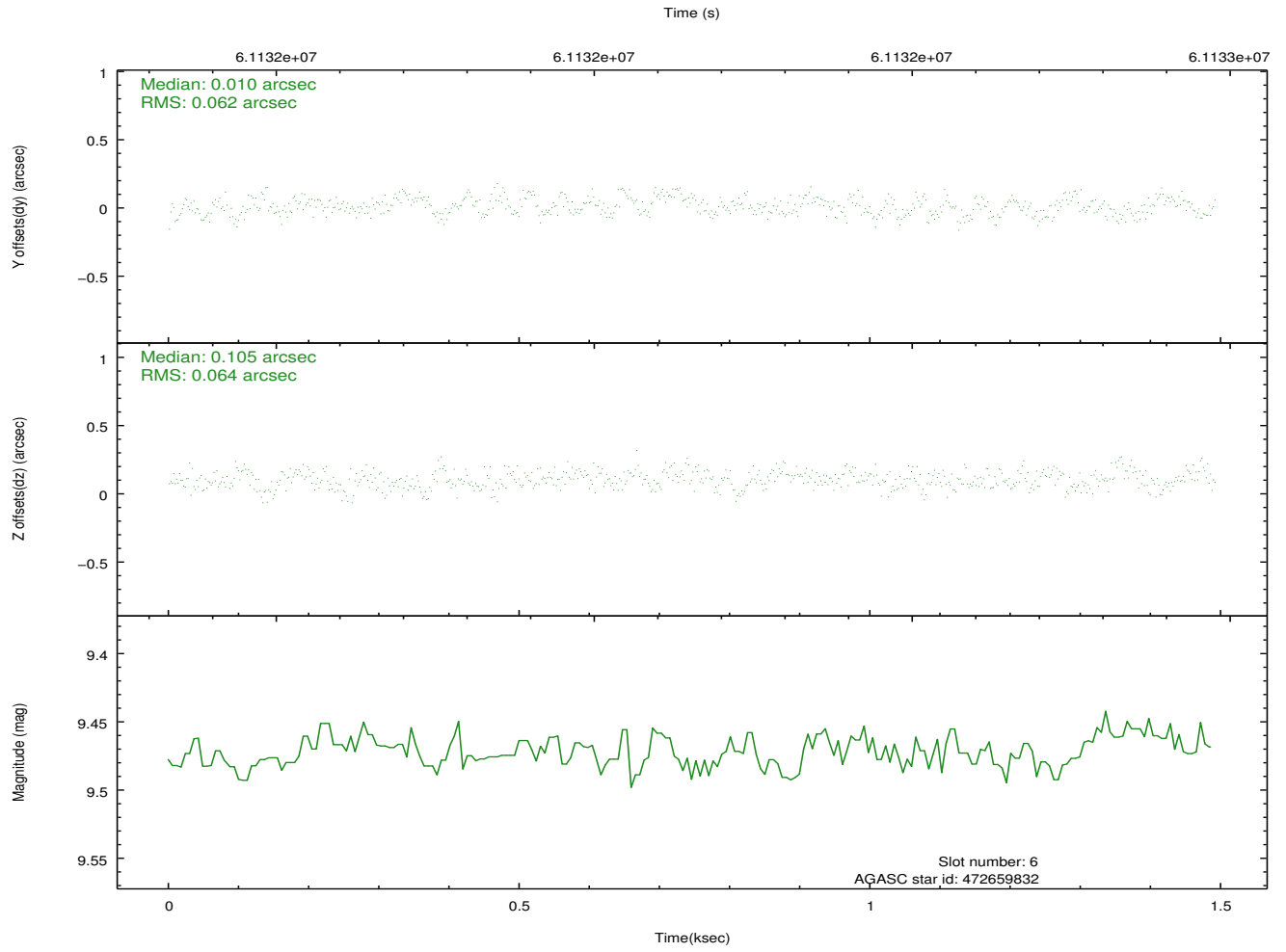
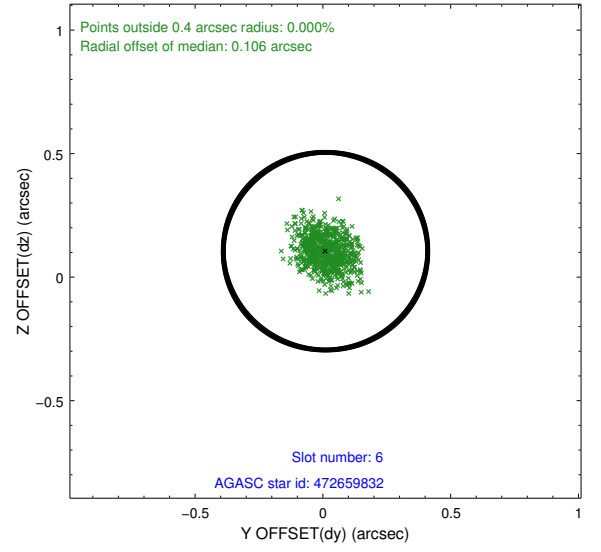
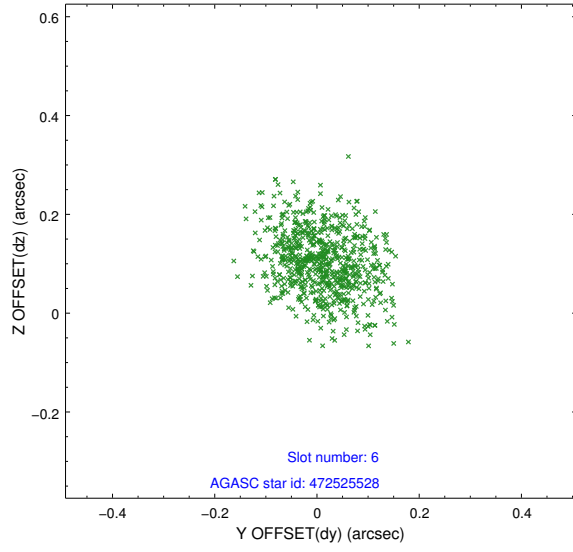
2.4.2 Slot 4



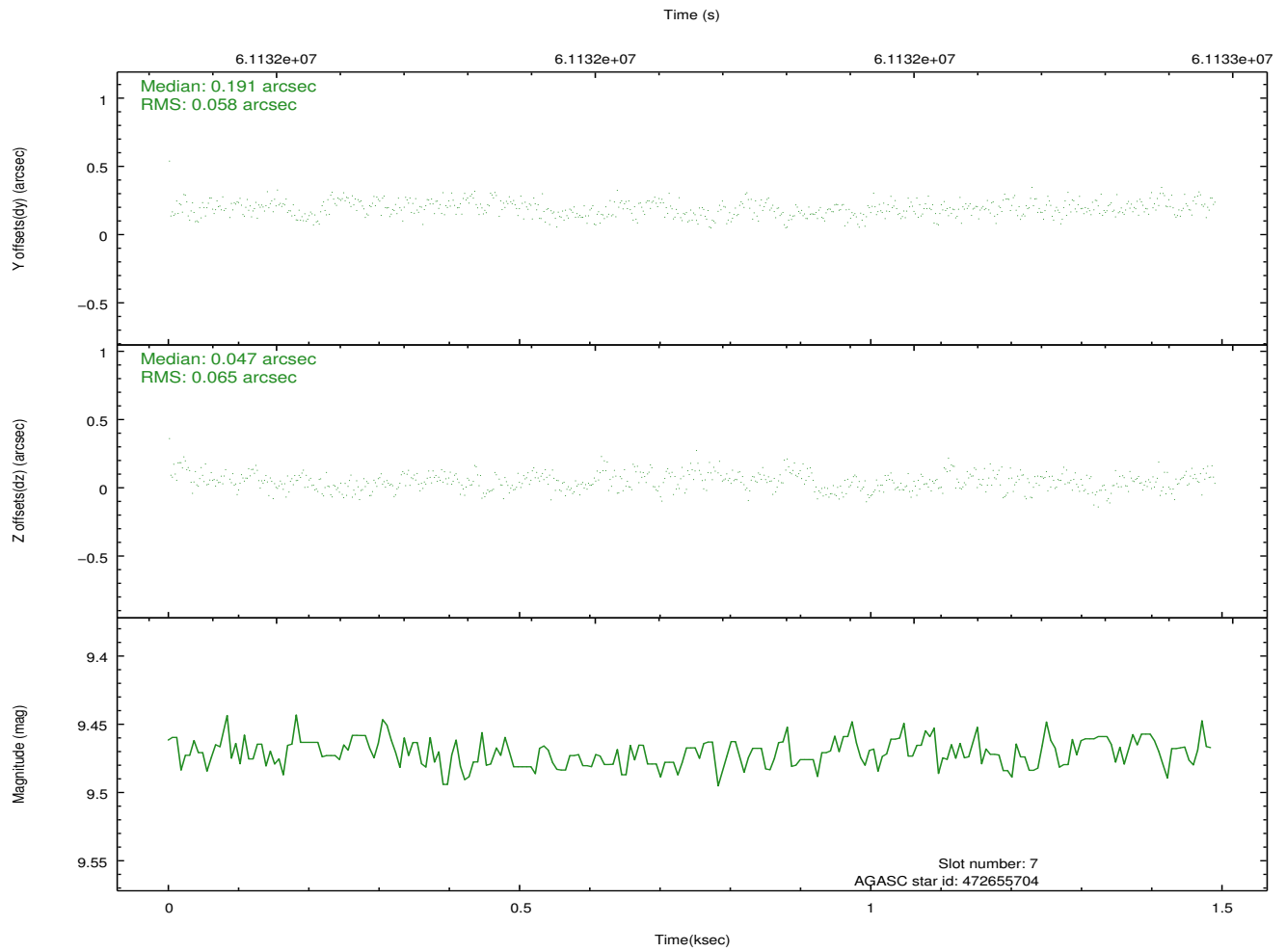
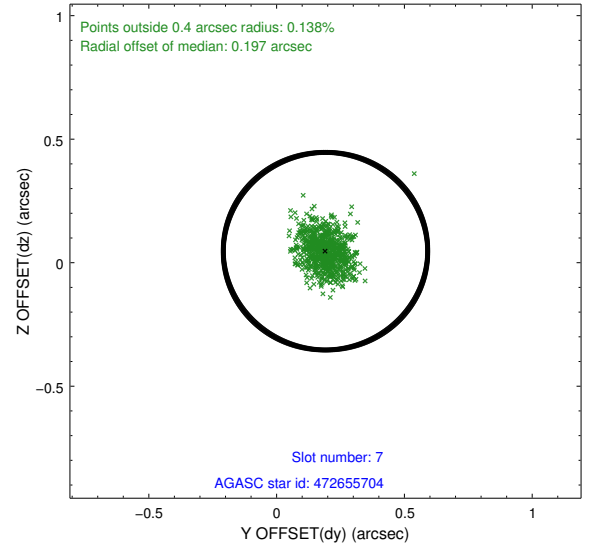
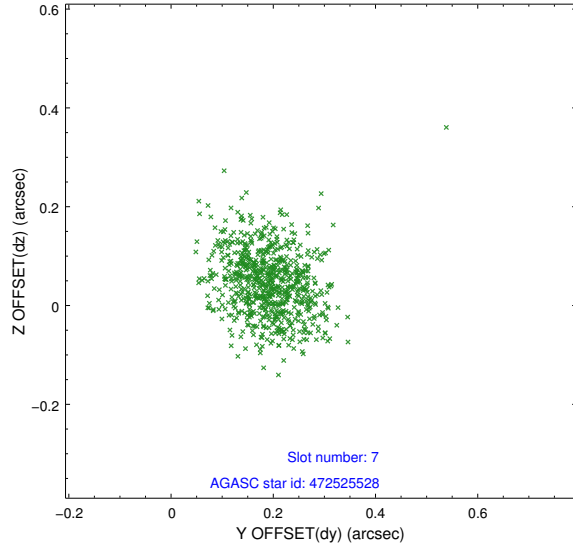
2.4.3 Slot 5



2.4.4 Slot 6

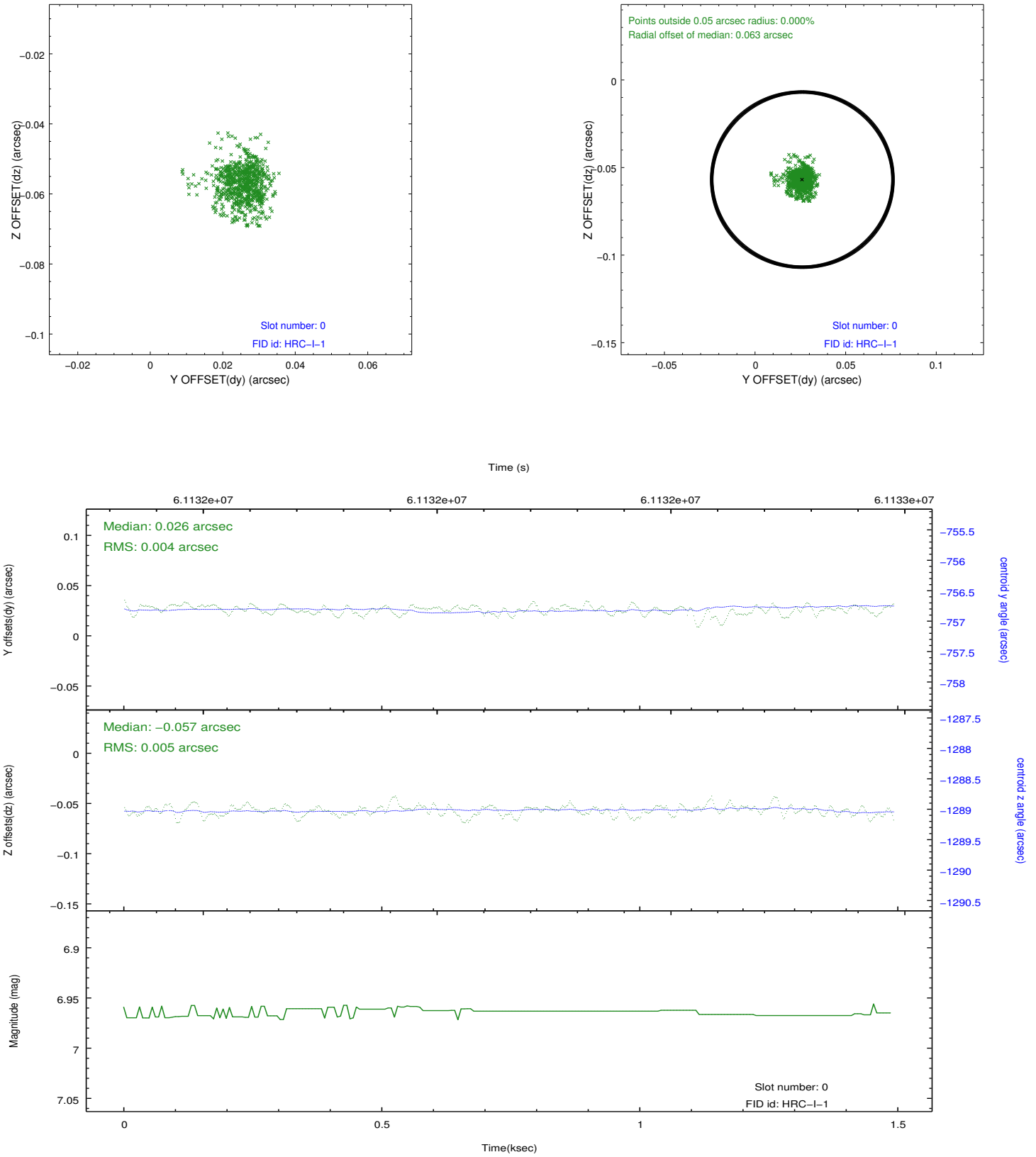


2.4.5 Slot 7

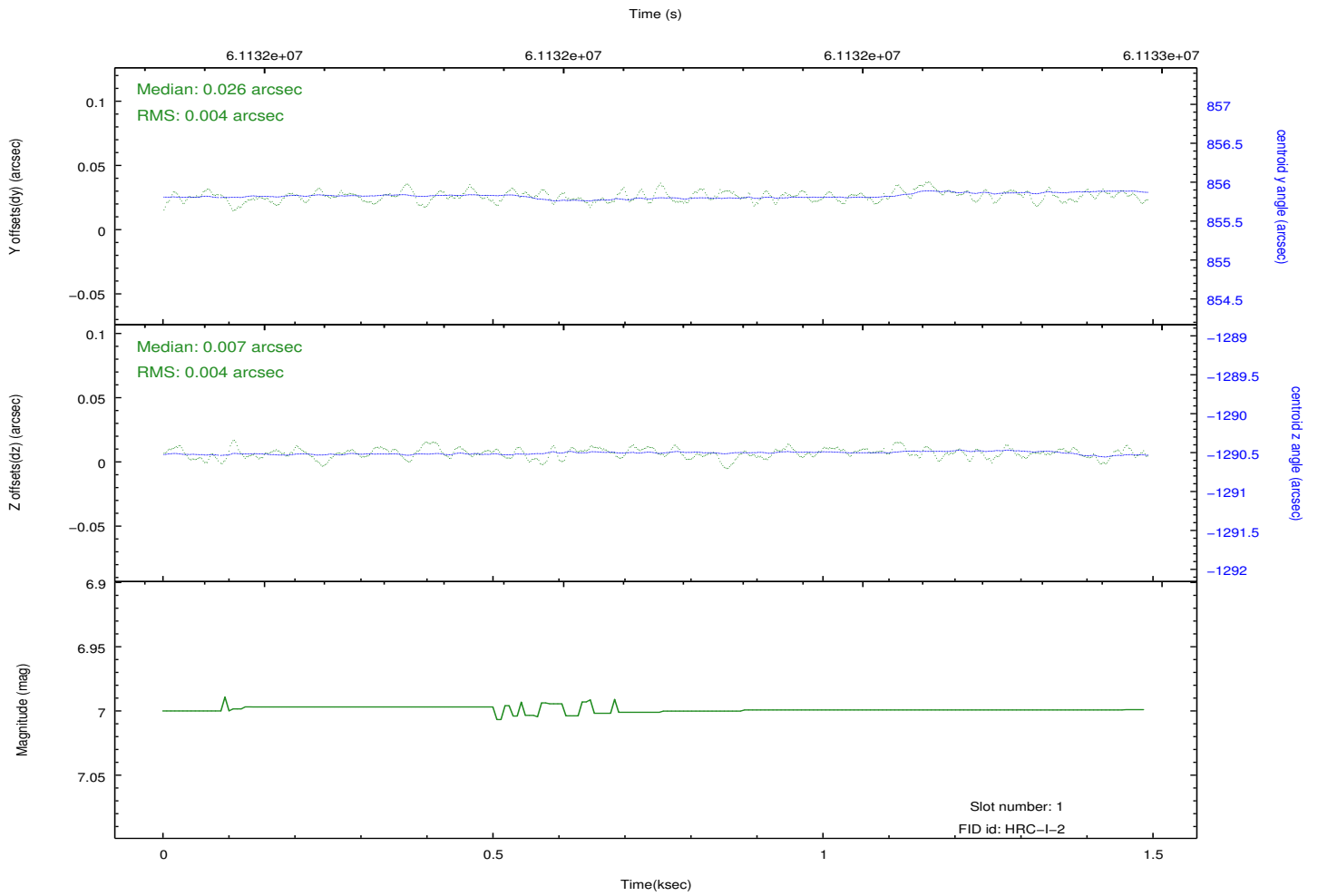
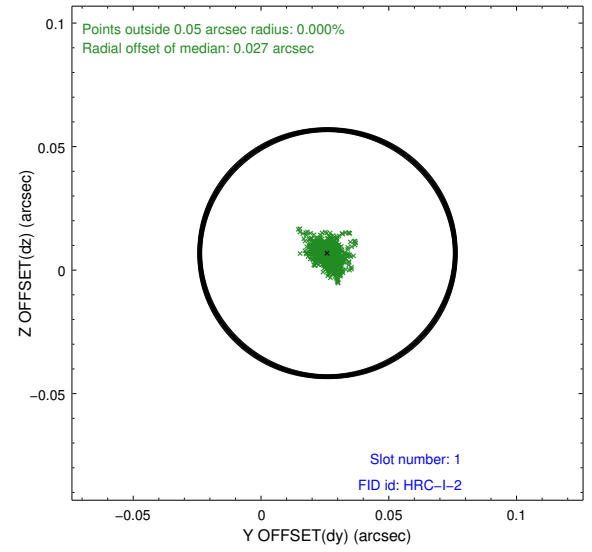
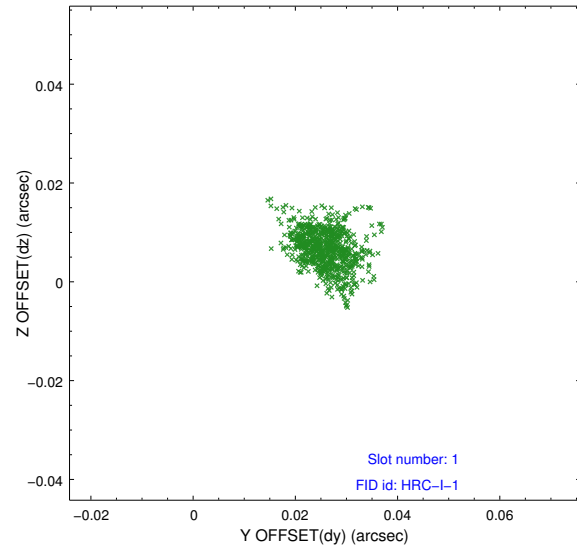


2.5 FID Slots

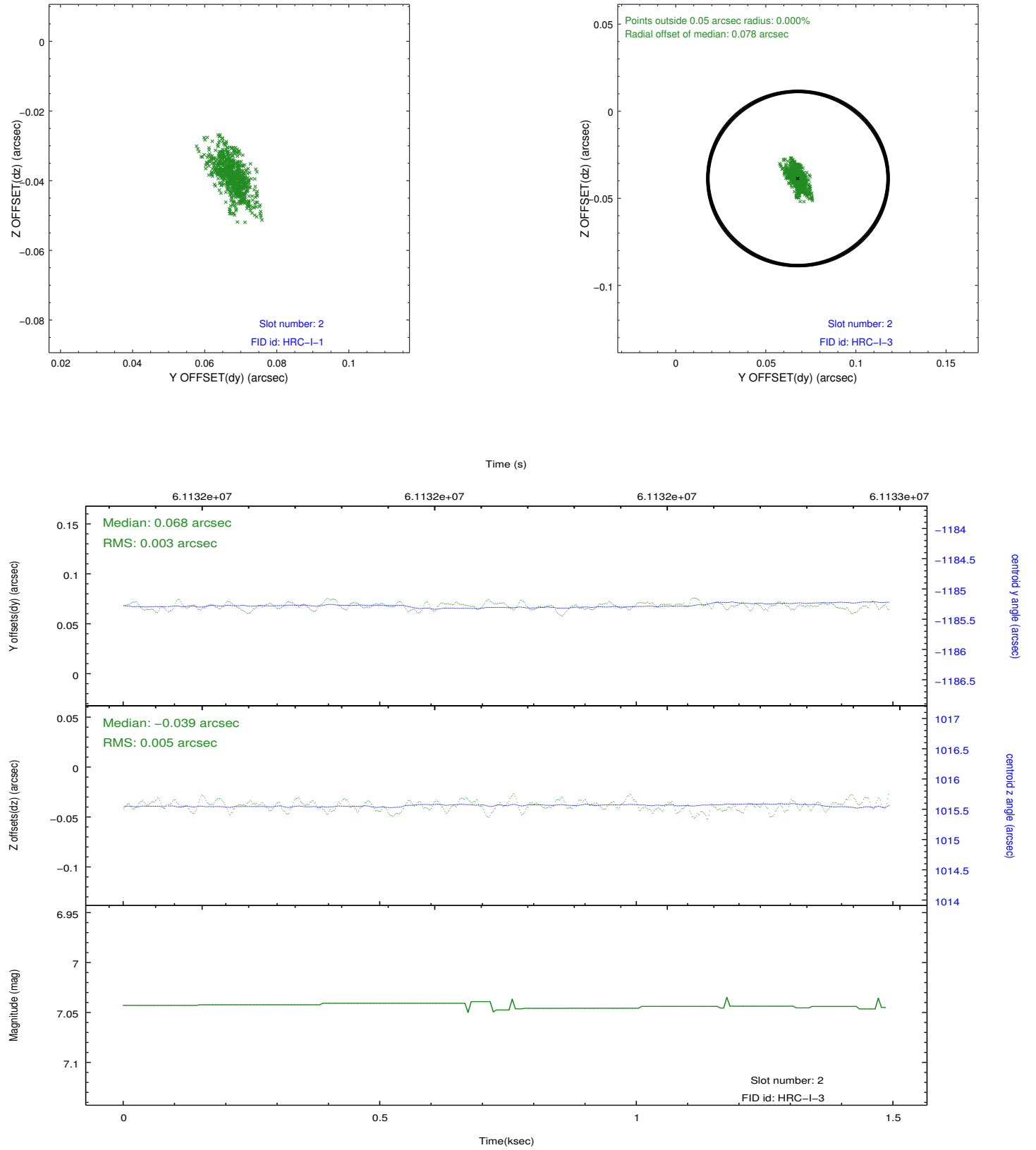
2.5.1 Slot 0



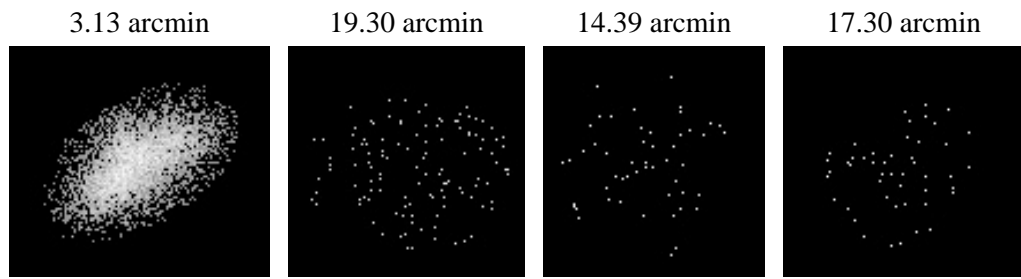
2.5.2 Slot 1



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	1.212

A.2 Comments

Charge time for this ObsId remains at original value of 1.212 ksec, although with the current processing the charge time would have been 1.214 ksec.

HRC-I cal: ARLac for image blur