

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 1326 - L2 Version 4

Chandra X-Ray Center

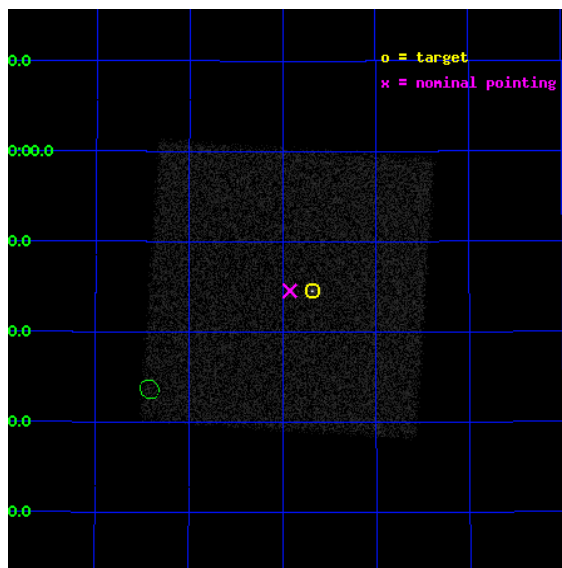
L2 Processing Date : Sep 28 2010

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1 Front

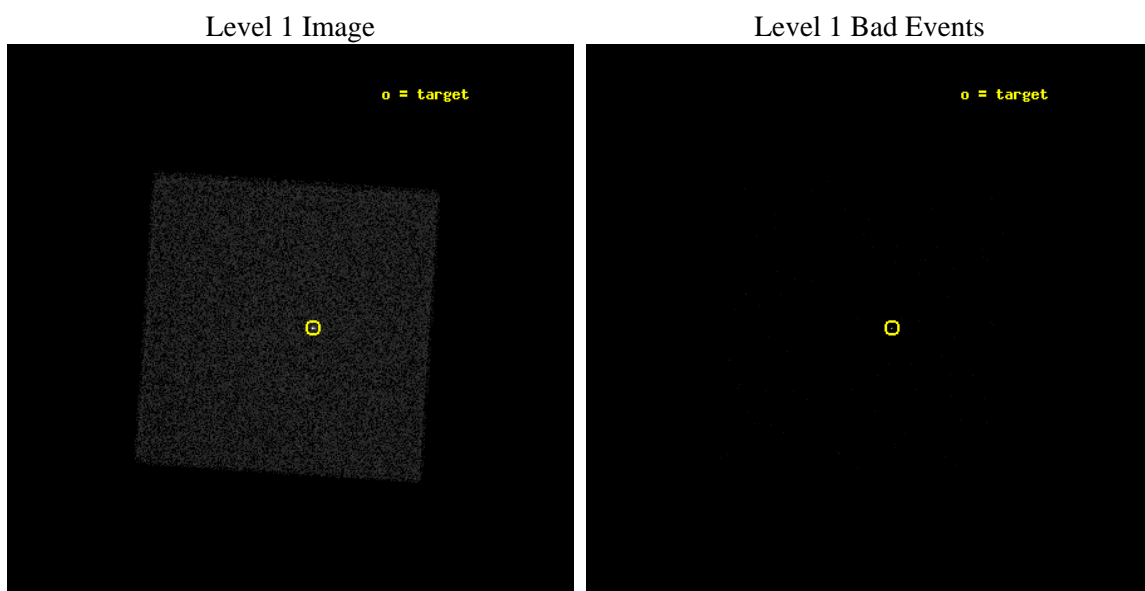
seq_num	280276	Sequence number
obs_id	1326	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.23020736949	Nominal RA
dec_nom	45.742763919377	Nominal Dec
roll_nom	228.83871101706	Nominal Roll
revision	4	Processing version of data
ontime	1275.3562959507	[s]
livetime	1266.2809759442	Ontime multiplied by DTCOR
l2events	43677	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	8.3.2.1	Processing system revision	ontime	1275.3562959507	[s]
caldbver	4.3.1	 	l1events	70999	Number of level 1 events
date	2010-09-28T15:26:31	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

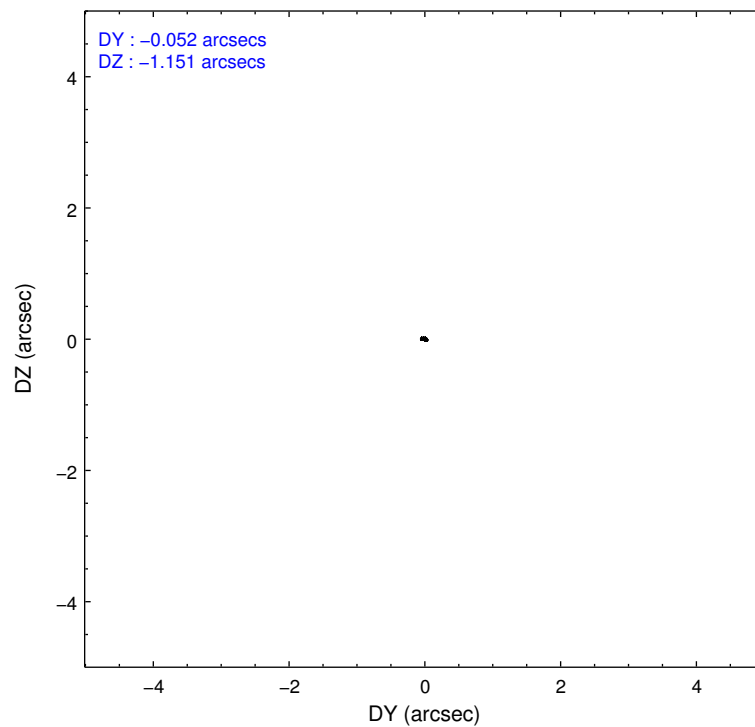
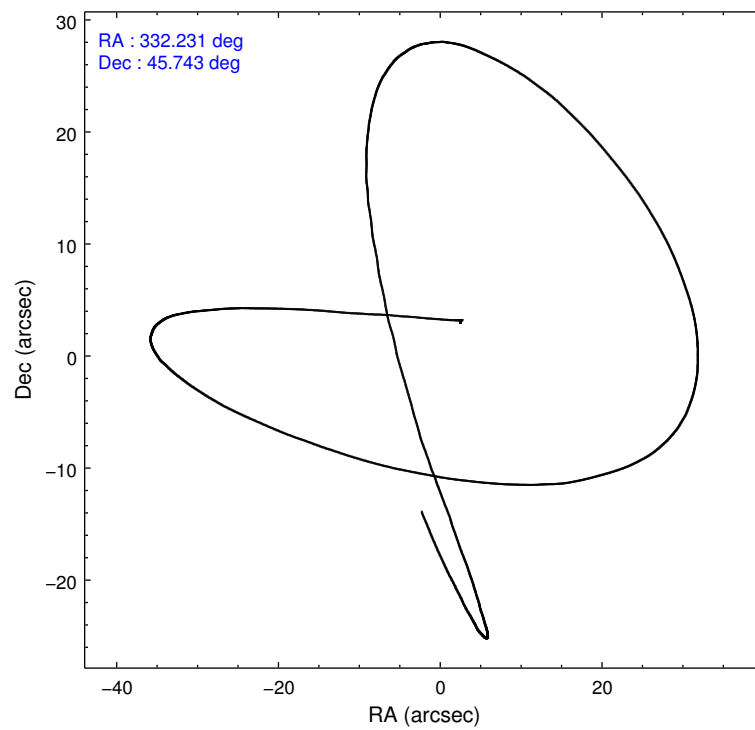
Level 1 Events

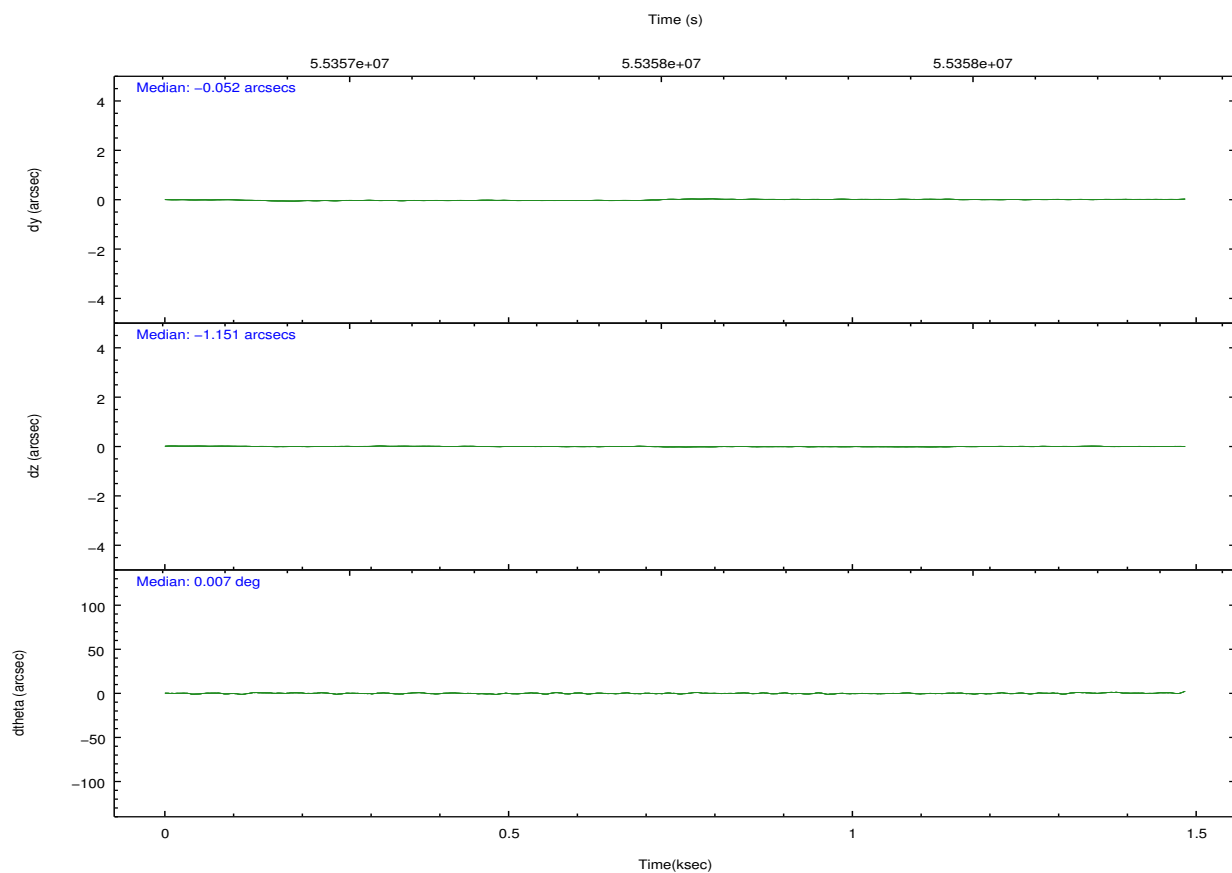
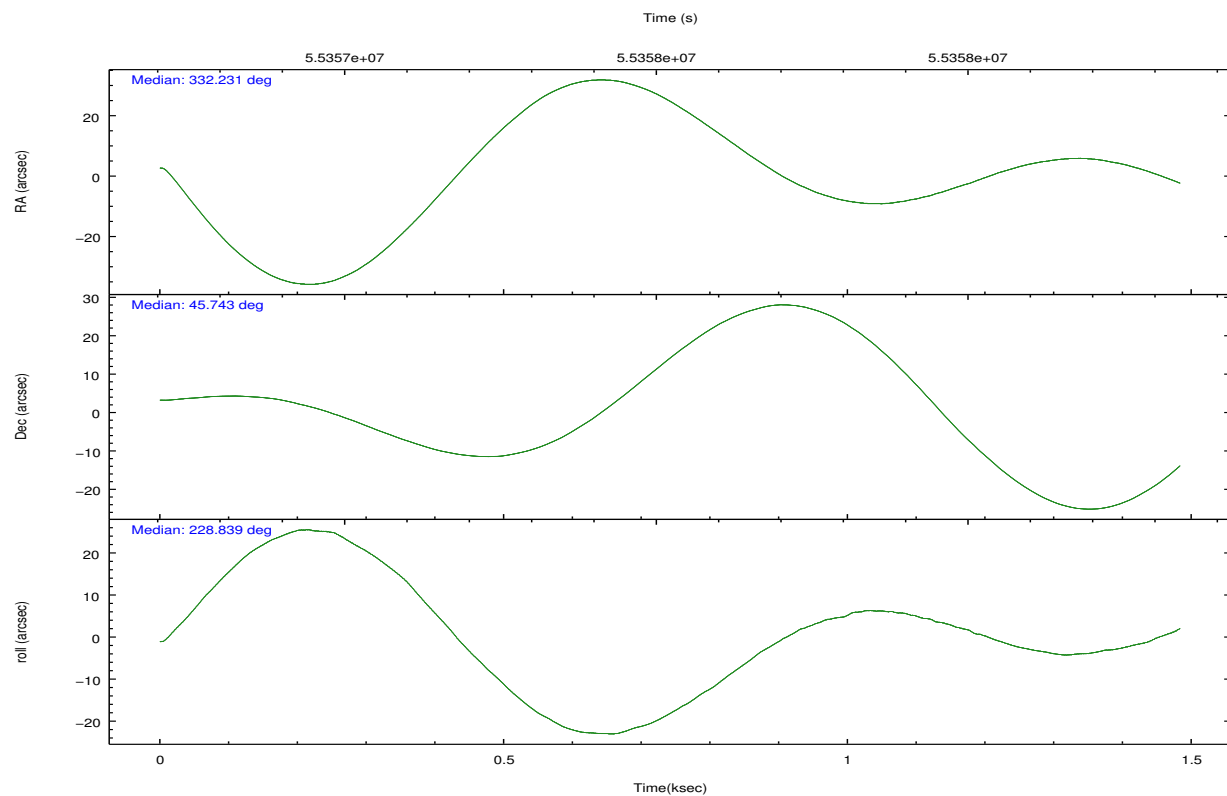
	segment 0
level 1 events	70999
rejected events	2690
rejected %	3%

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	332.238761	332.2302073694902			
Pointing Dec	45.770417	45.74276391937725			
Pointing Roll	228.928041	228.838711017057			
SIM focus pos (mm)	-0.040293	-0.2342646132009995			
SIM defocus (mm)	1	0.806028007457875			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	55357264.184000	55356597.644168			
Observation start date	1999-10-03T17:00:00	1999-10-03T16:49:57			
Observation end time	55358264.184000	55358397.544233			
Observation end date	1999-10-03T17:16:40	1999-10-03T17:19:57			

2.3 Aspect



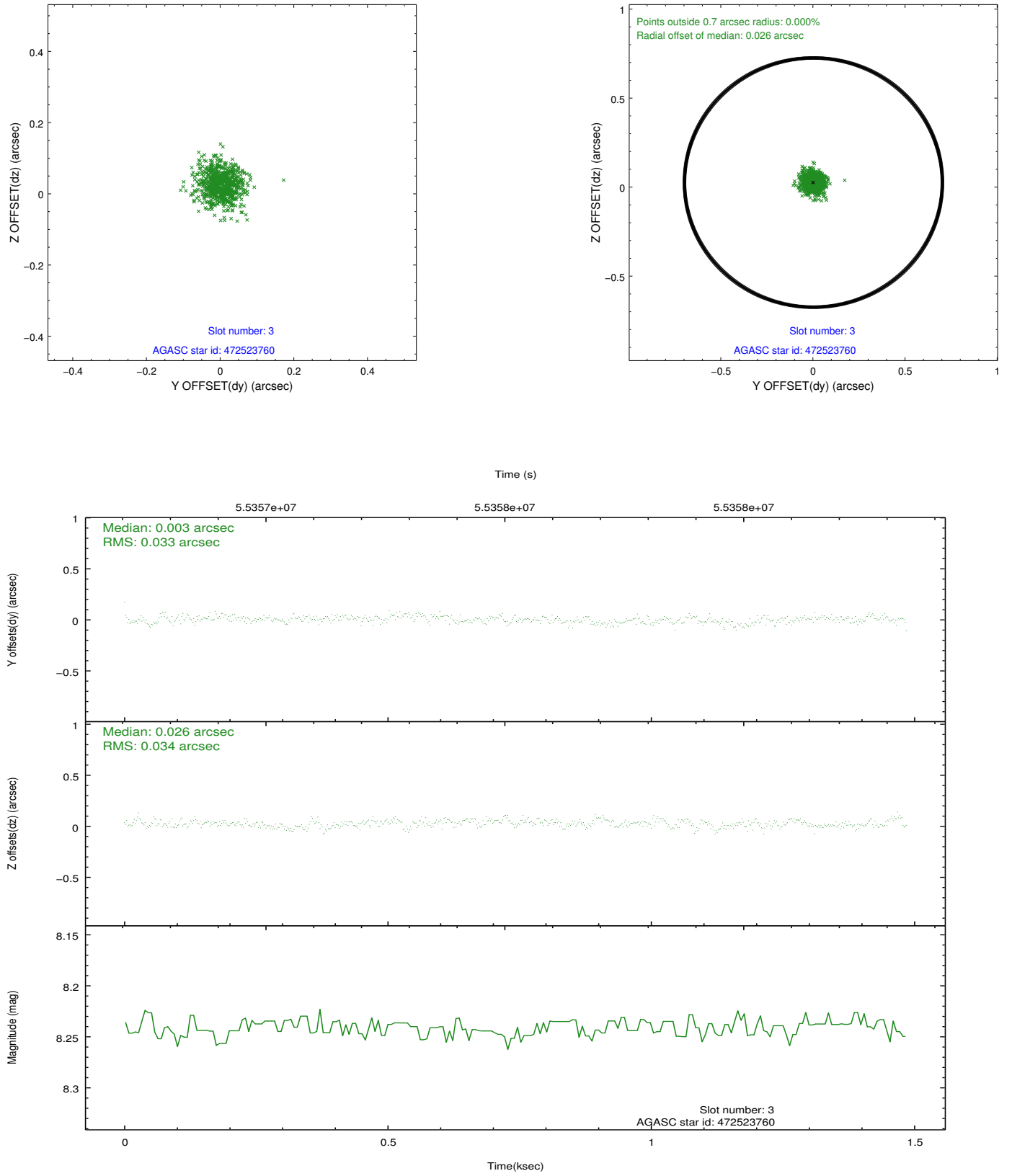


Slot Statistics

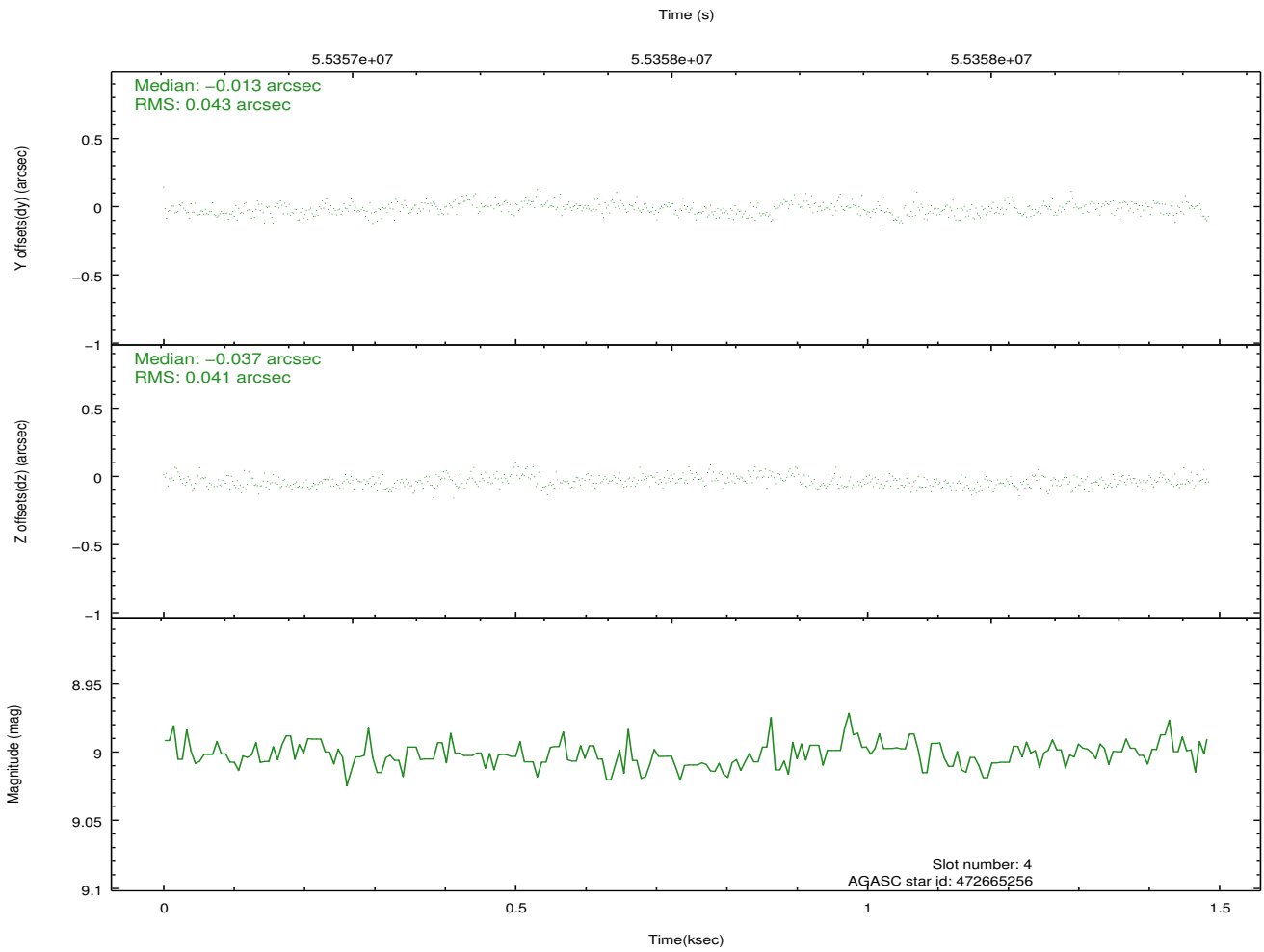
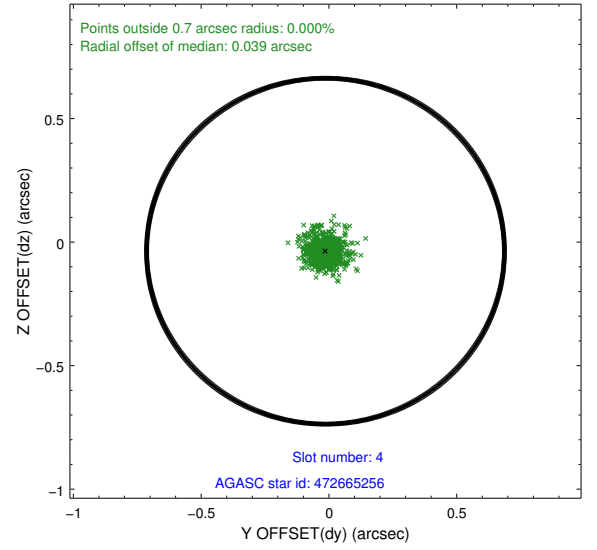
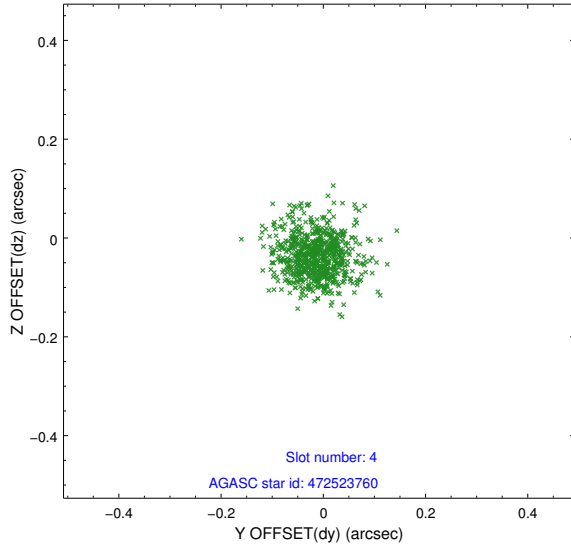
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	725	0.047	-0.011	0.006	0.009	0.000000	0.000000	-755.32	-1286.65
1	FID	HRC-I-3	7.02	725	0.054	-0.035	0.006	0.010	0.000000	0.000000	-1184.93	1016.28
2	FID	HRC-I-4	6.96	725	0.012	-0.043	0.005	0.009	0.000000	0.000000	1285.91	1017.12
3	GUIDE	472523760	8.24	725	0.003	0.026	0.050	0.083	331.645363	45.403260	1974.84	-266.58
4	GUIDE	472665256	9.00	725	-0.013	-0.037	0.062	0.107	332.808125	46.195041	-2088.55	61.02
5	GUIDE	472659832	9.46	724	-0.039	0.058	0.078	0.128	332.780399	46.098139	-1786.99	240.79
6	GUIDE	472654568	9.44	725	0.010	-0.015	0.089	0.138	332.194449	45.063576	1987.13	1586.61
7	GUIDE	472655152	9.43	724	0.033	-0.034	0.095	0.152	332.504239	45.862991	-689.39	283.65

2.4 Star Slots

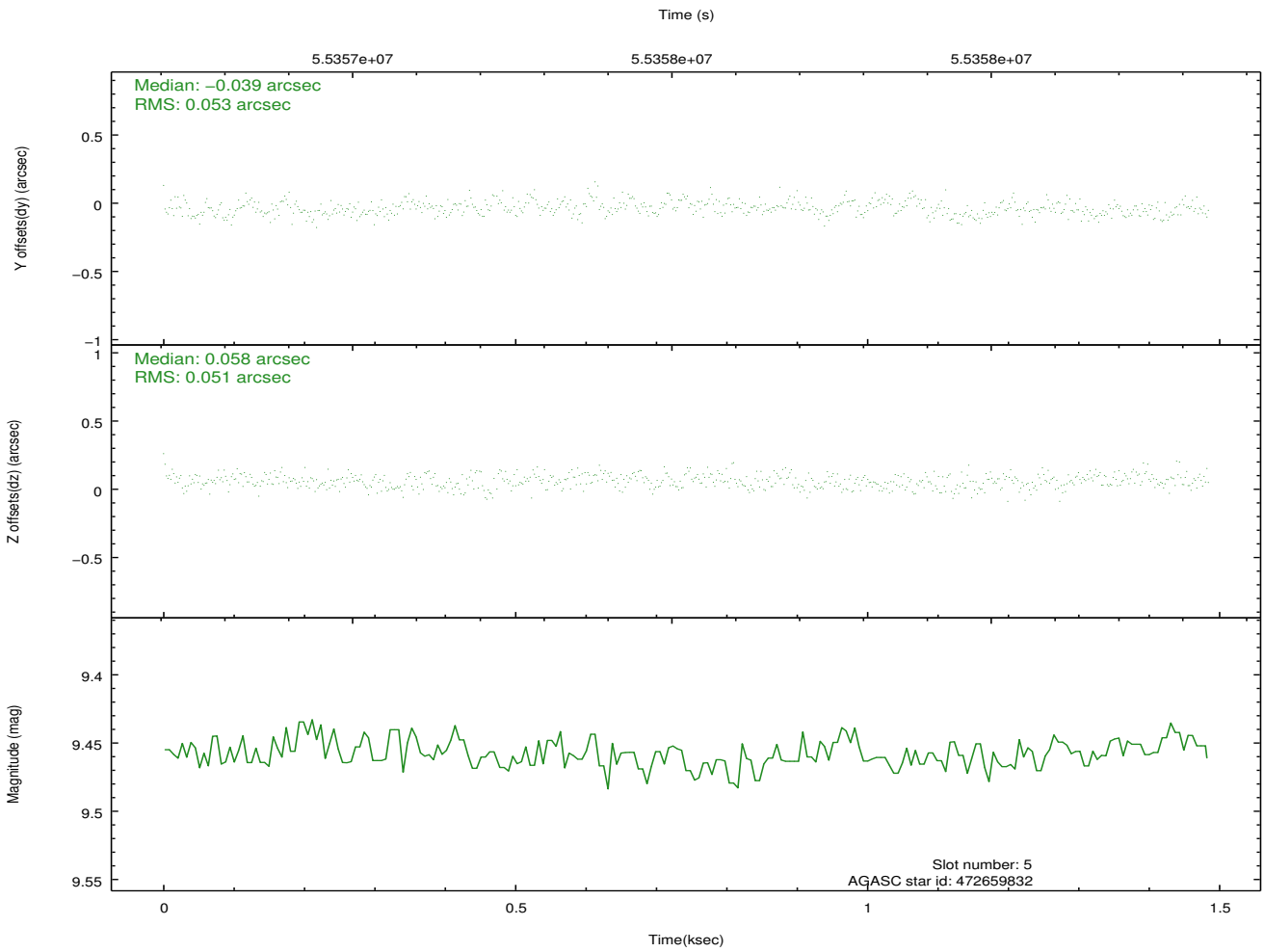
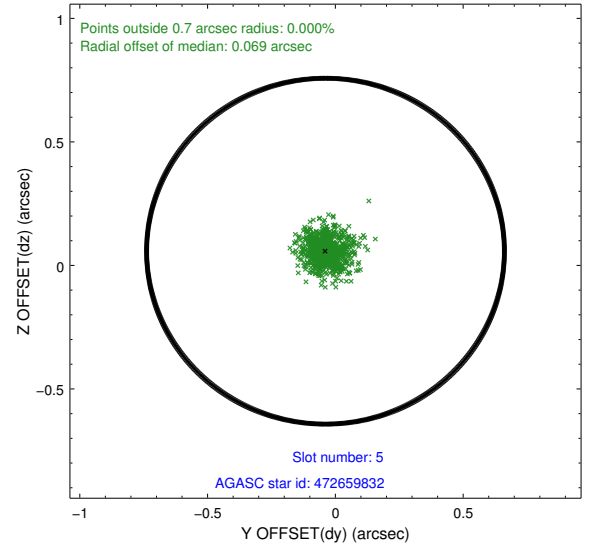
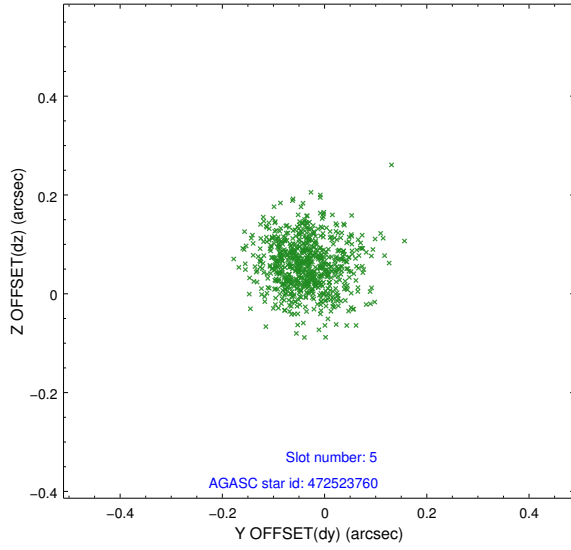
2.4.1 Slot 3



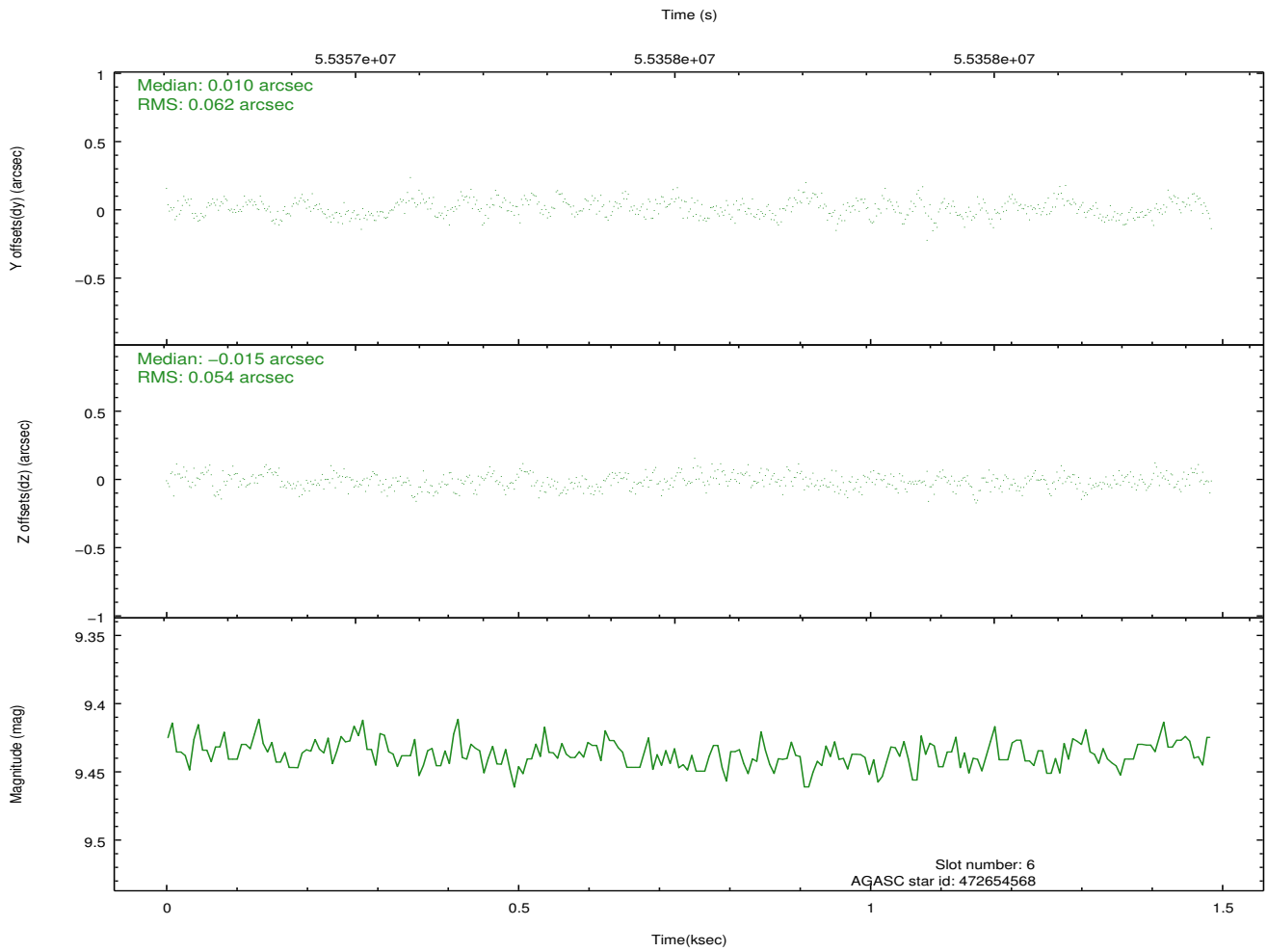
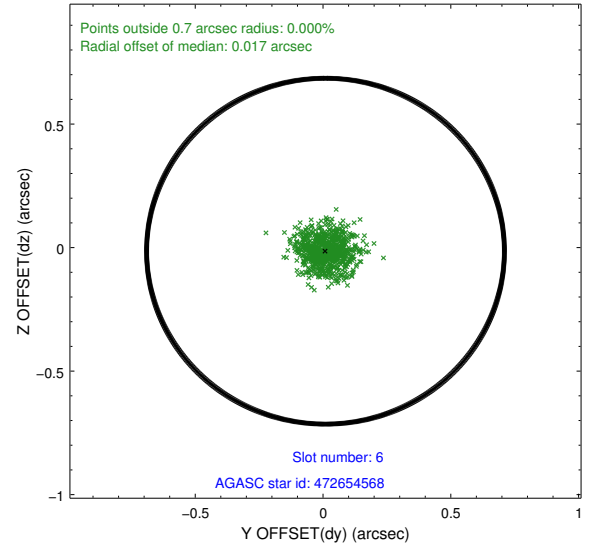
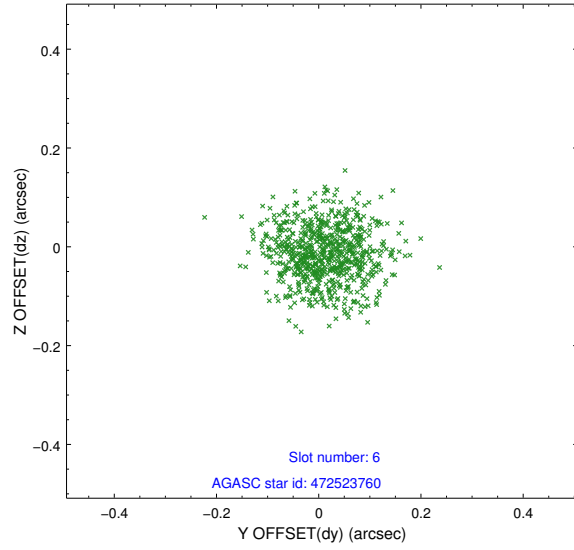
2.4.2 Slot 4



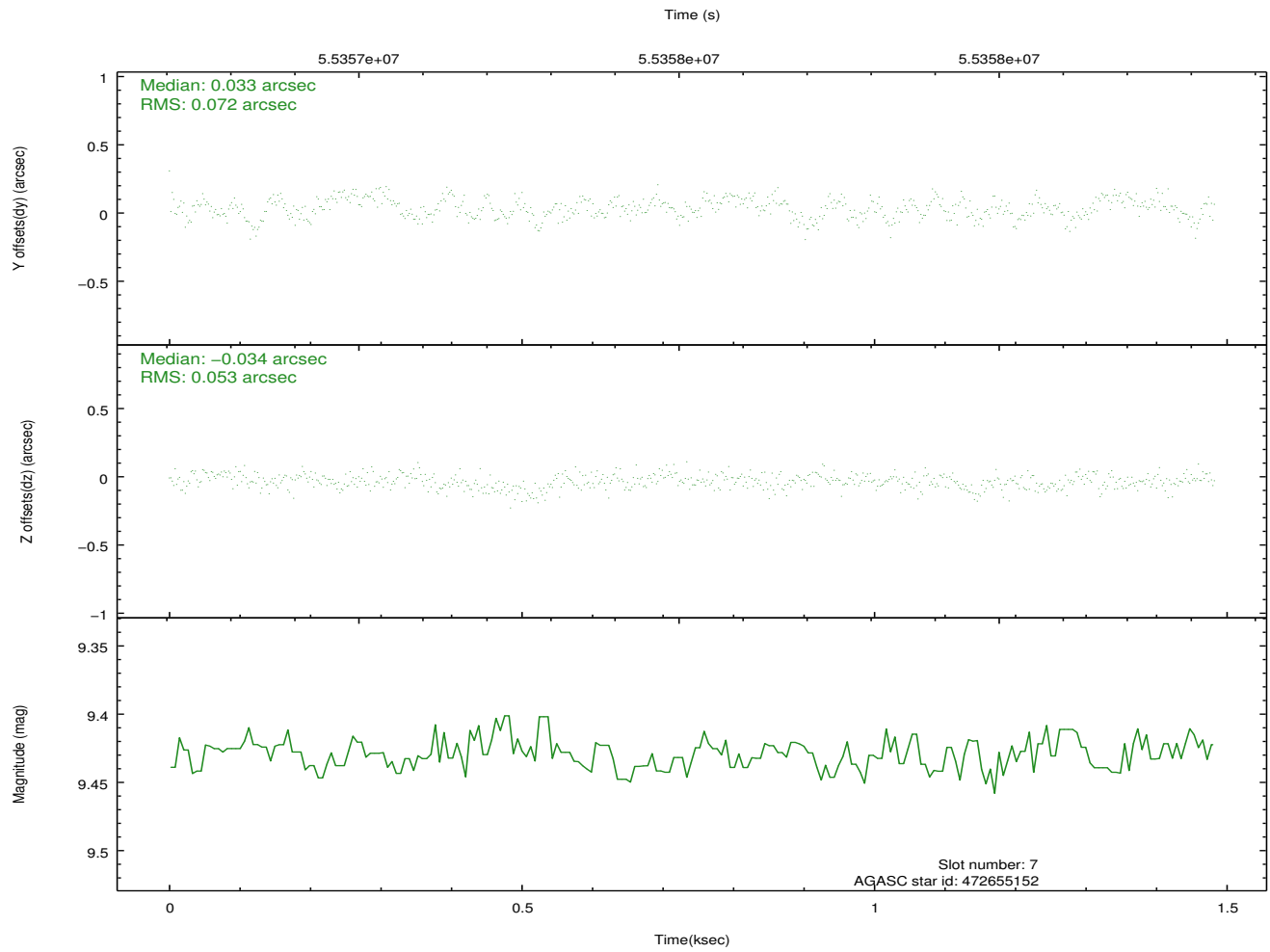
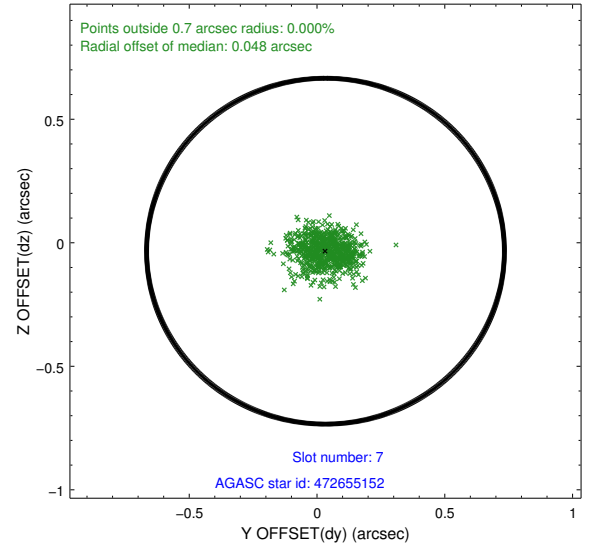
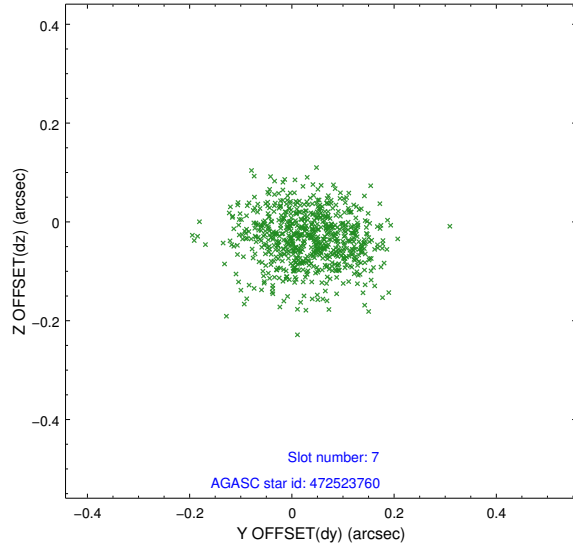
2.4.3 Slot 5



2.4.4 Slot 6

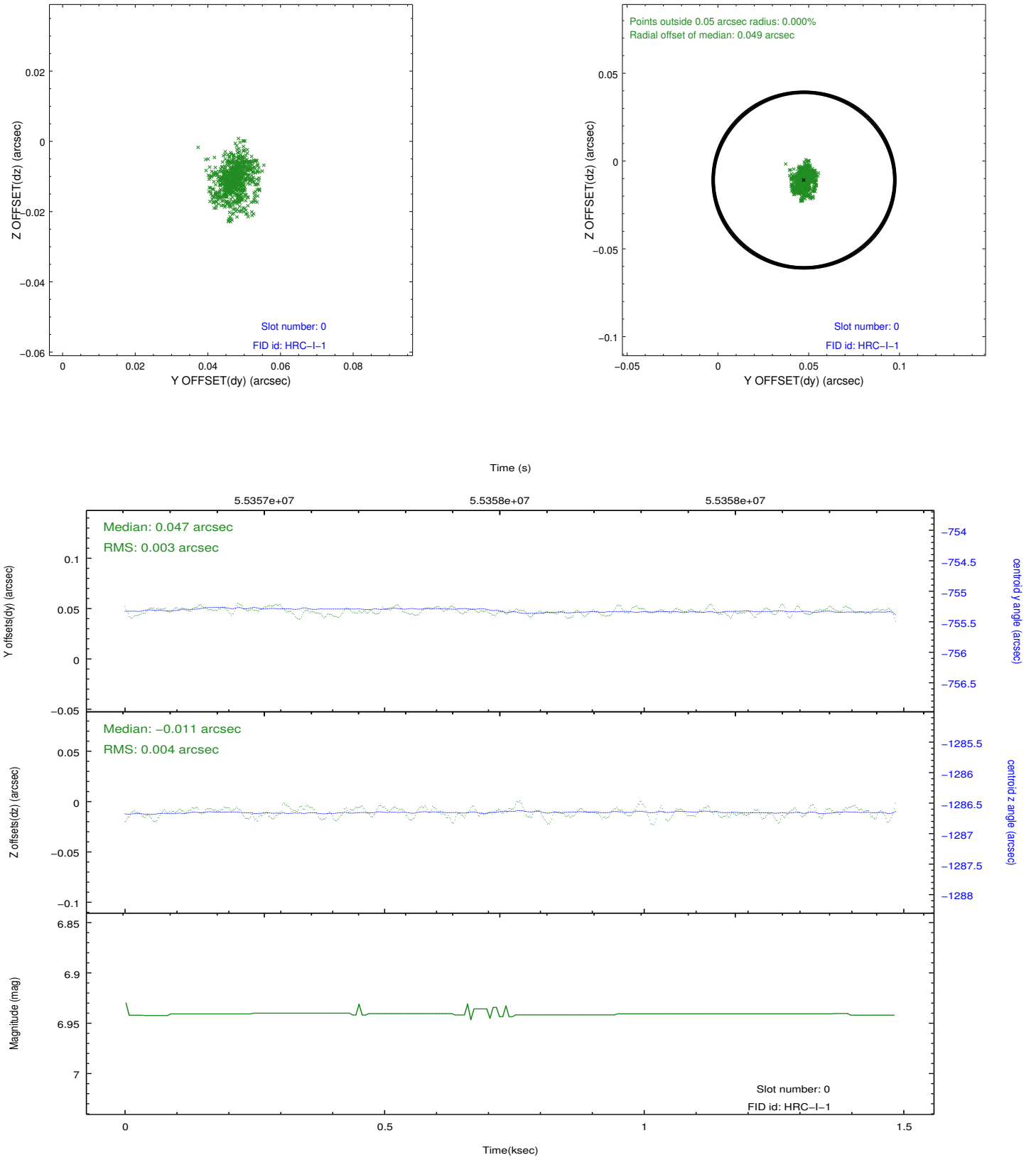


2.4.5 Slot 7

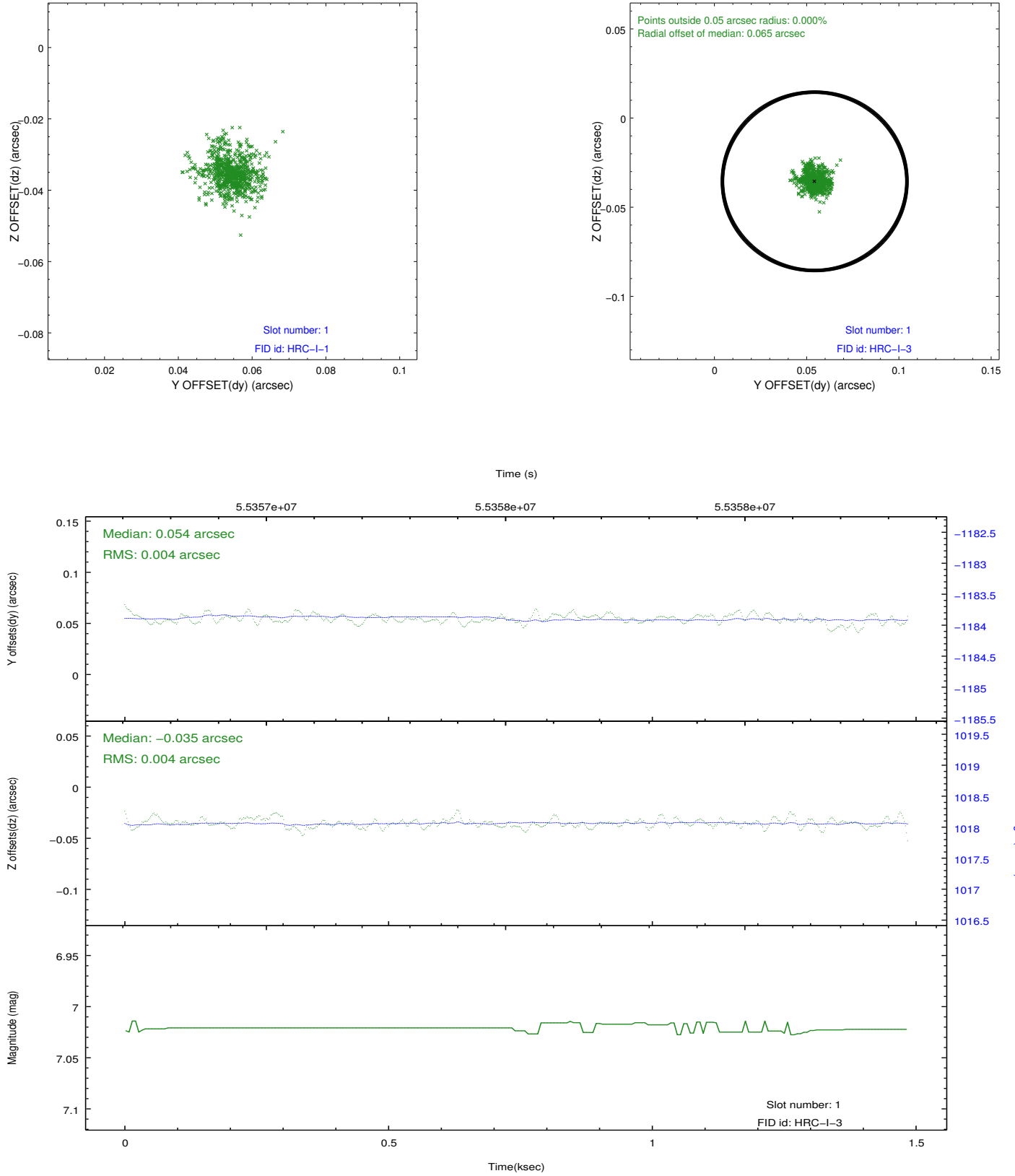


2.5 FID Slots

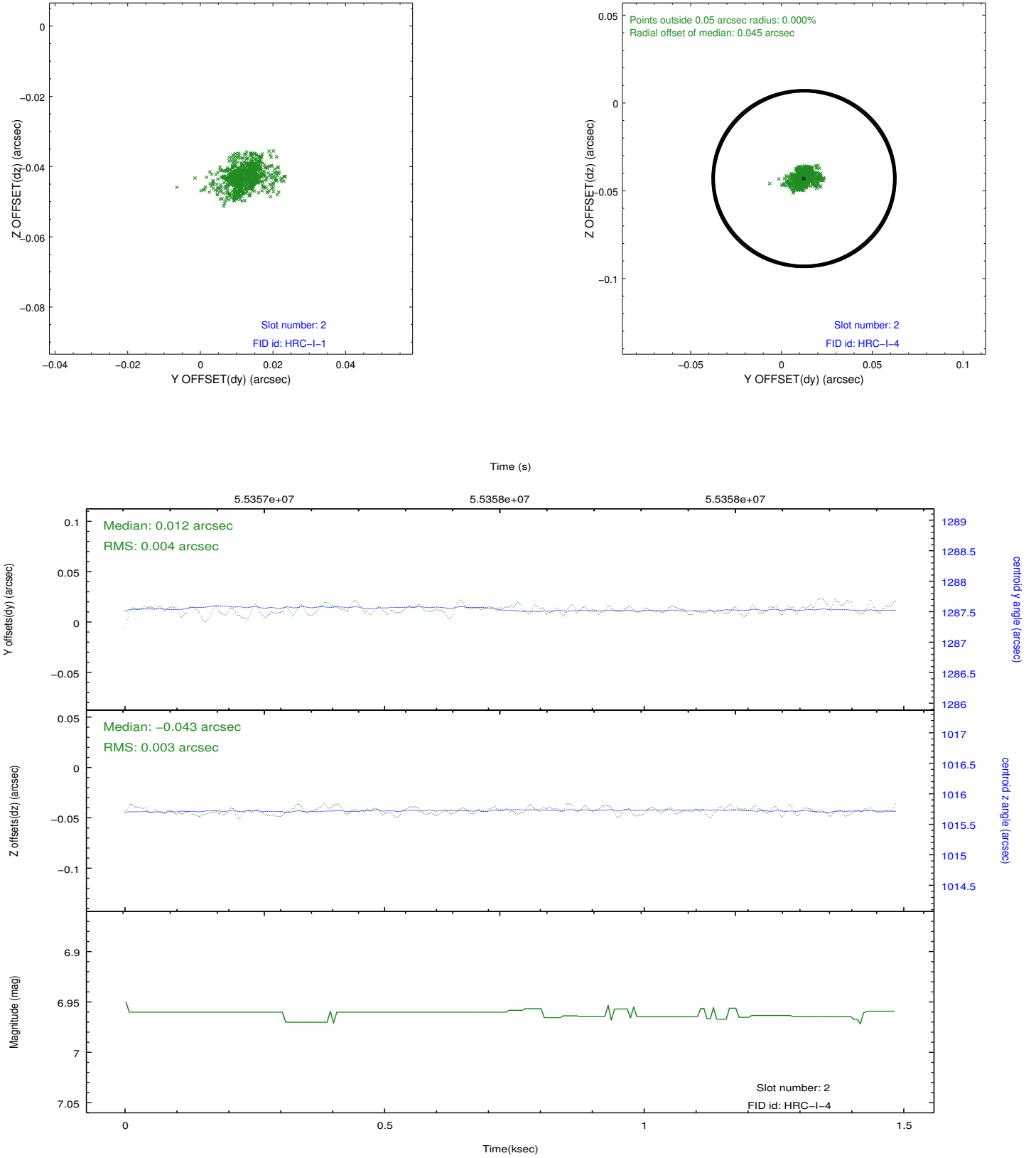
2.5.1 Slot 0



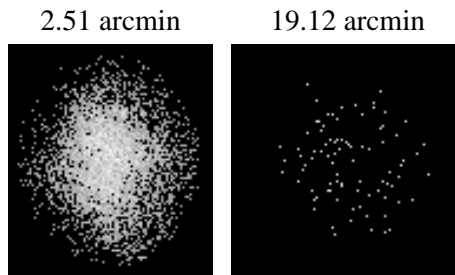
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.09.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.275

A.2 Comments

AR LAC observation to study HRC-I spatial gain dependence on HV. Source is off-axis.