

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1404 - L2 Version 4

Chandra X-Ray Center

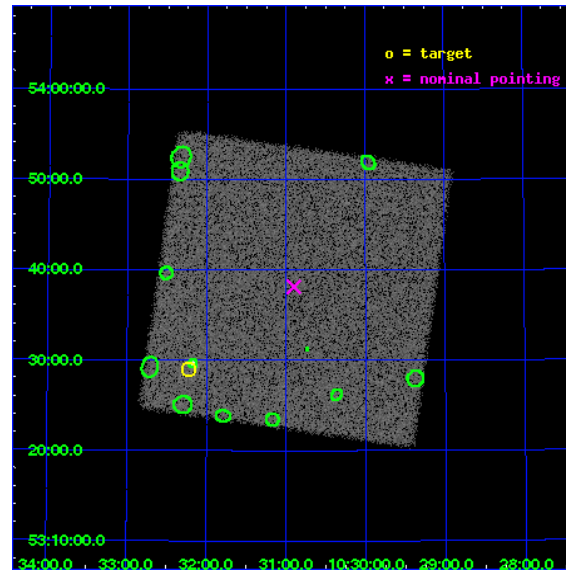
L2 Processing Date : Nov 20 2009

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
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

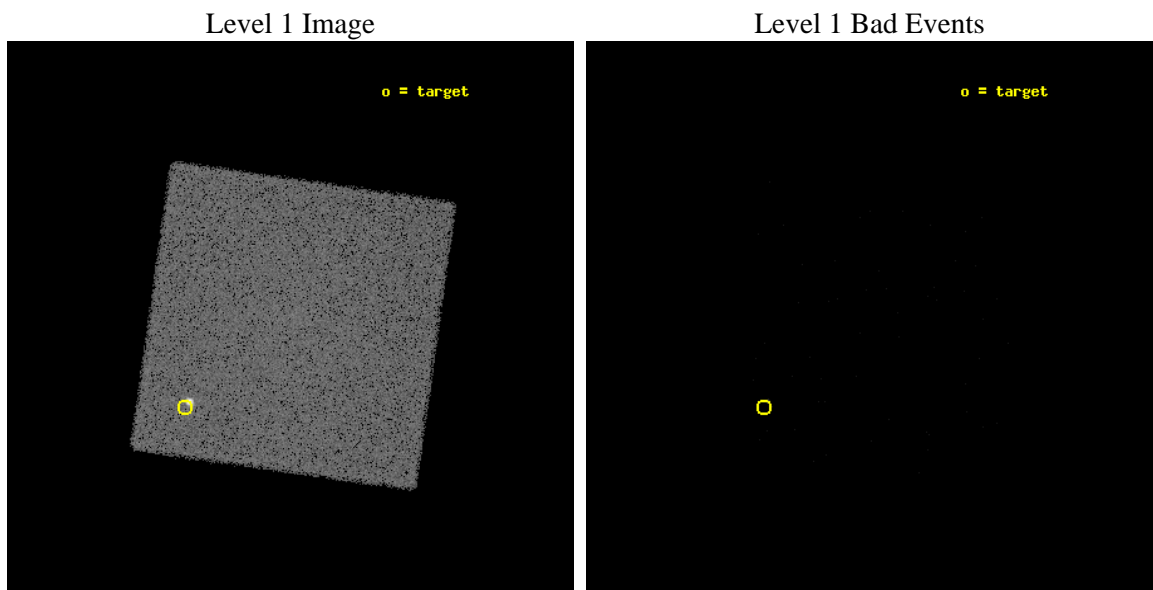
seq_num	280354	Sequence number
obs_id	1404	Observation id
title	OFF-AXIS PSF USING 2RE J1032+532	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	2REJ1032+532,ZOFF=15	Source name
ra_targ	158.054167	Observer's specified target RA
dec_targ	53.483333	Observer's specified target Dec
ra_nom	157.72536480032	Nominal RA
dec_nom	53.635924087404	Nominal Dec
roll_nom	53.097127031202	Nominal Roll
revision	4	Processing version of data
ontime	3275.1313681453	[s]
livetime	3254.0000729118	Ontime multiplied by DTCOR
l2events	102355	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	3000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	3275.1313681453	[s]
caldbver	4.1.4	 	l1events	158467	Number of level 1 events
date	2009-11-20T18:47:26	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

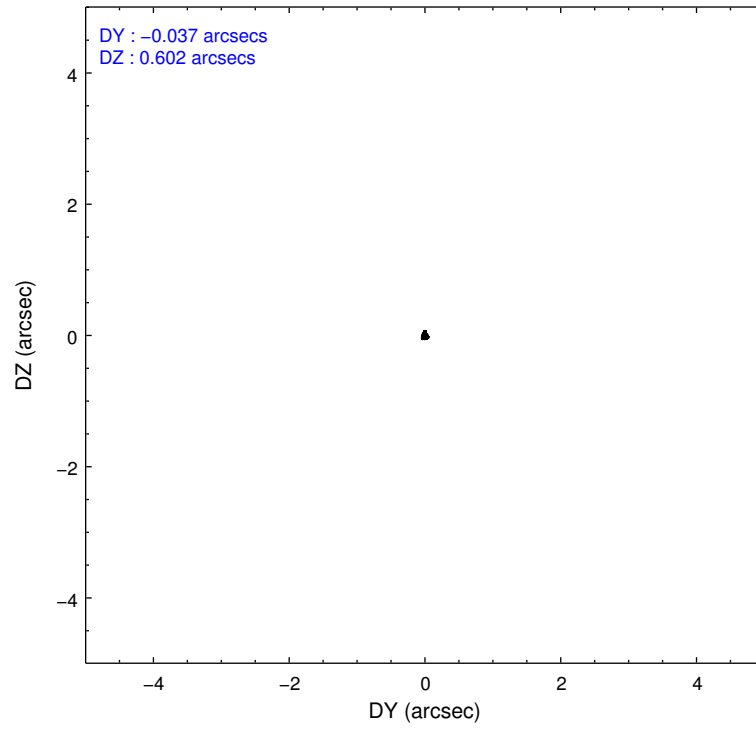
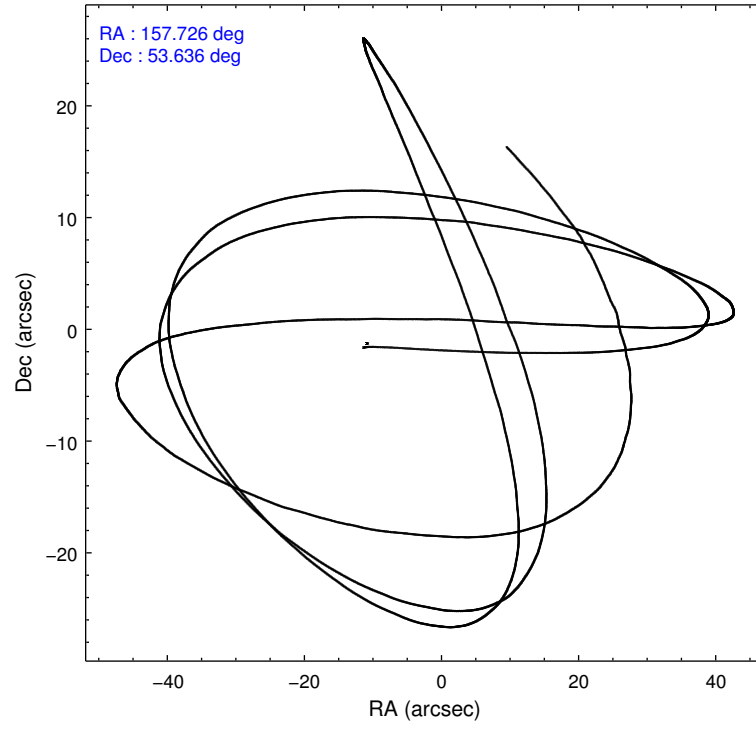
Level 1 Events

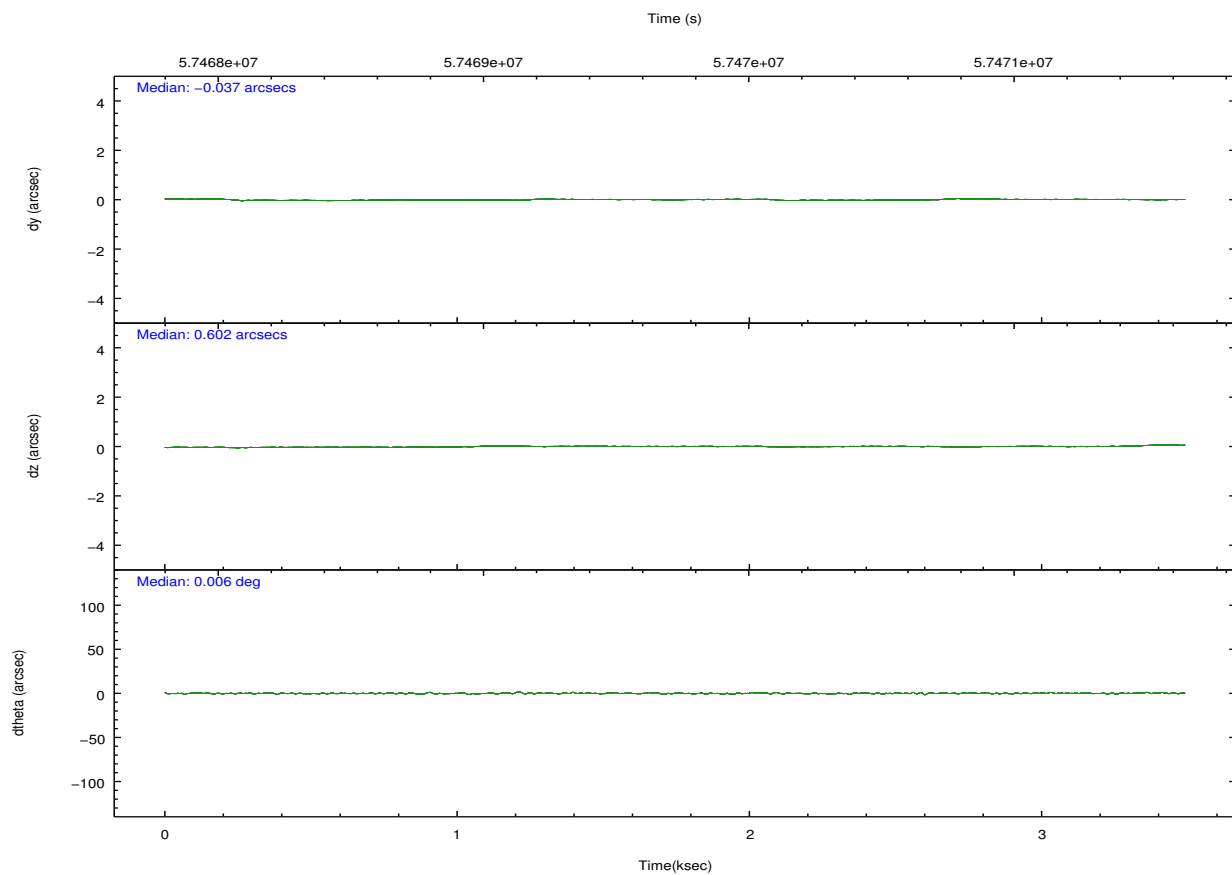
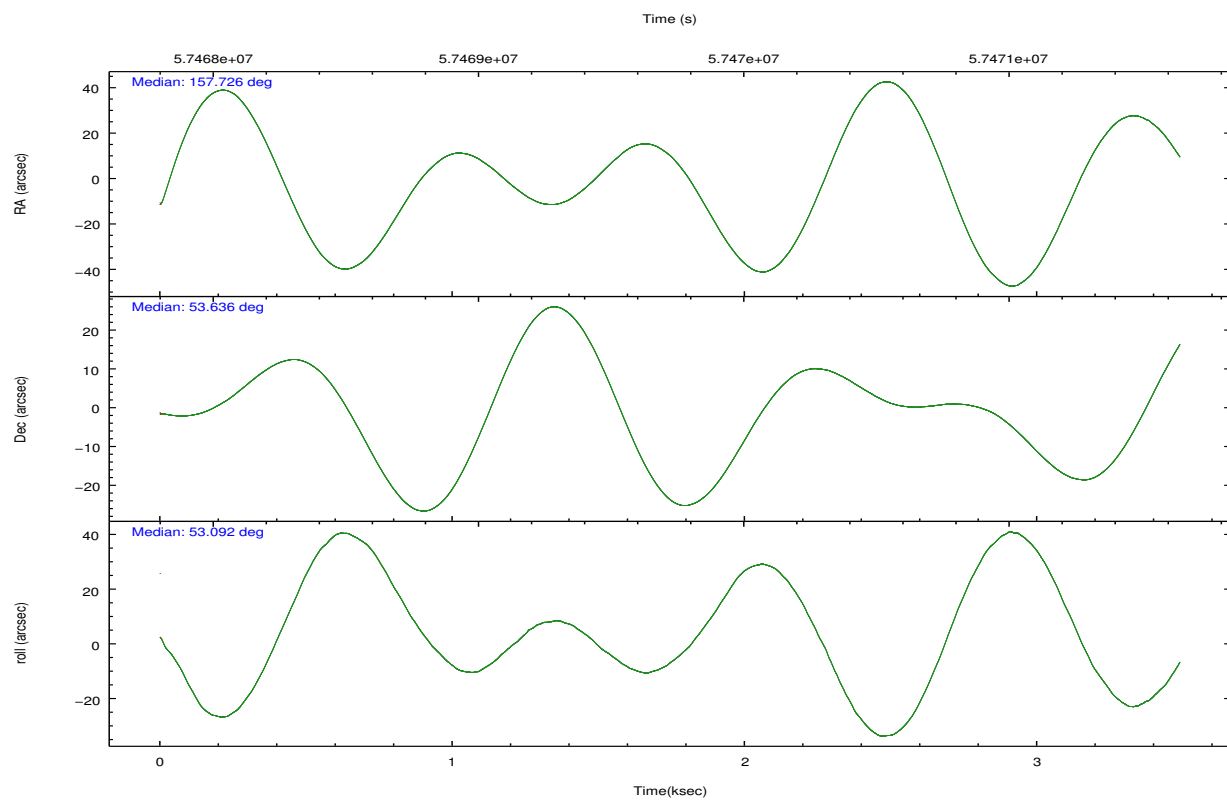
	segment 0
level 1 events	158467
rejected events	2503
rejected %	1%

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	157.719385	157.7253648003207			
Pointing Dec	53.608709	53.6359240874038			
Pointing Roll	53.197480	53.09712703120179			
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	57468466.184000	57467800.470227			
Observation start date	1999-10-28T03:26:42	1999-10-28T03:16:40			
Observation end time	57471466.184000	57471875.357874			
Observation end date	1999-10-28T04:16:42	1999-10-28T04:24:35			

2.3 Aspect



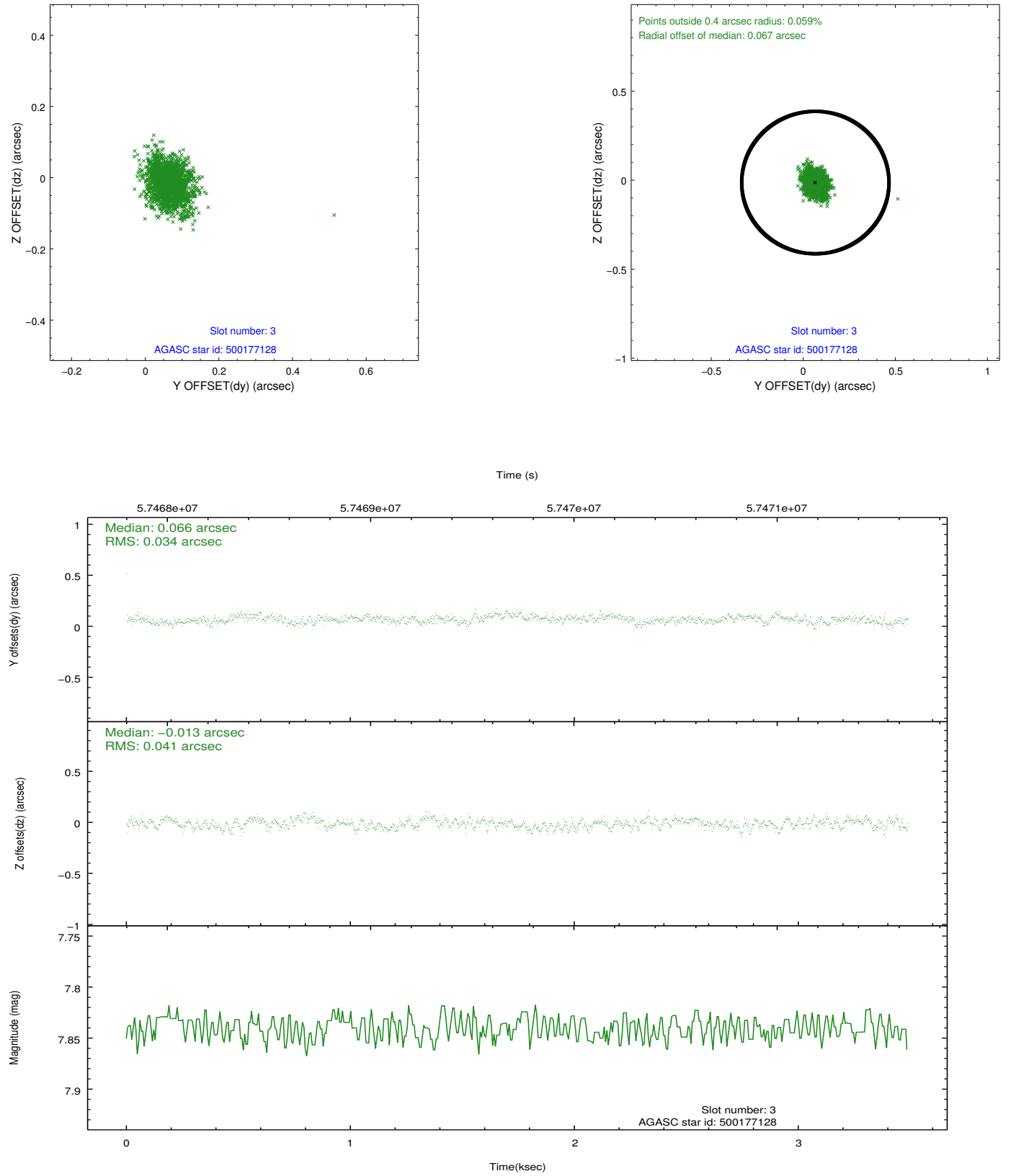


Slot Statistics

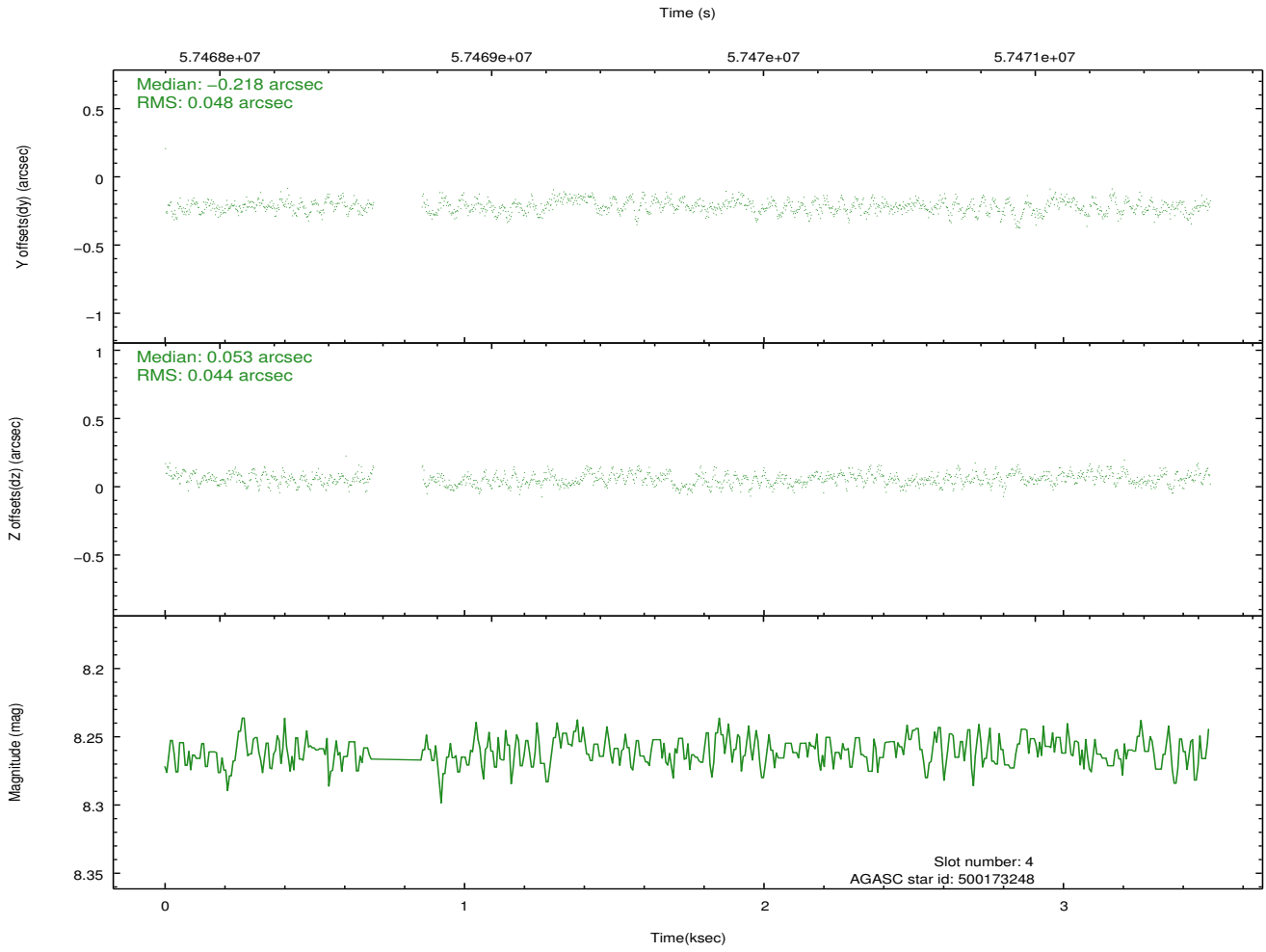
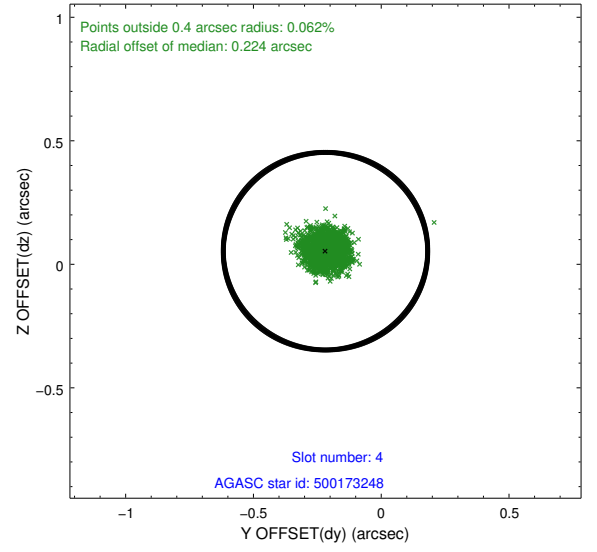
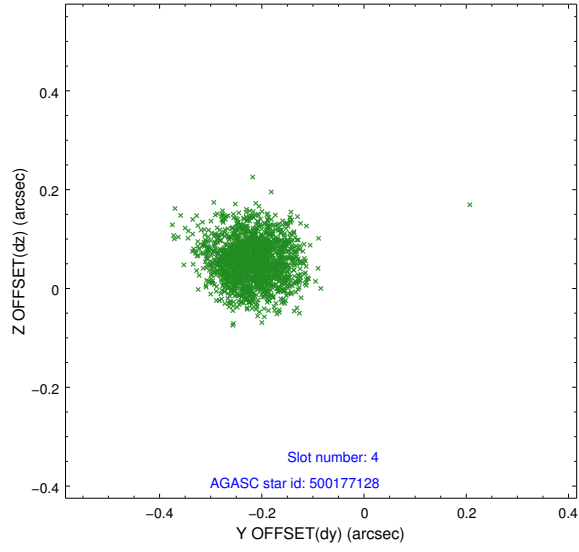
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1703	0.004	-0.025	0.005	0.009	0.000000	0.000000	-755.30	-1288.36
1	FID	HRC-I-3	7.05	1703	0.058	-0.065	0.006	0.010	0.000000	0.000000	-1184.26	1015.39
2	FID	HRC-I-4	6.98	1703	0.052	-0.000	0.005	0.008	0.000000	0.000000	1286.76	1014.50
3	GUIDE	500177128	7.84	1703	0.066	-0.013	0.055	0.090	158.210933	53.586826	569.84	-884.62
4	GUIDE	500173248	8.26	1625	-0.218	0.053	0.069	0.106	158.840876	53.953250	2431.24	-1146.83
5	GUIDE	500171344	8.43	1627	0.086	0.086	0.072	0.111	158.404020	53.216809	-238.49	-2022.10
6	GUIDE	500171880	9.66	1703	-0.070	0.054	0.101	0.160	158.701962	53.717455	1579.53	-1432.43
7	GUIDE	500180056	9.68	1700	0.128	-0.177	0.099	0.160	157.587703	53.702330	103.60	427.19

2.4 Star Slots

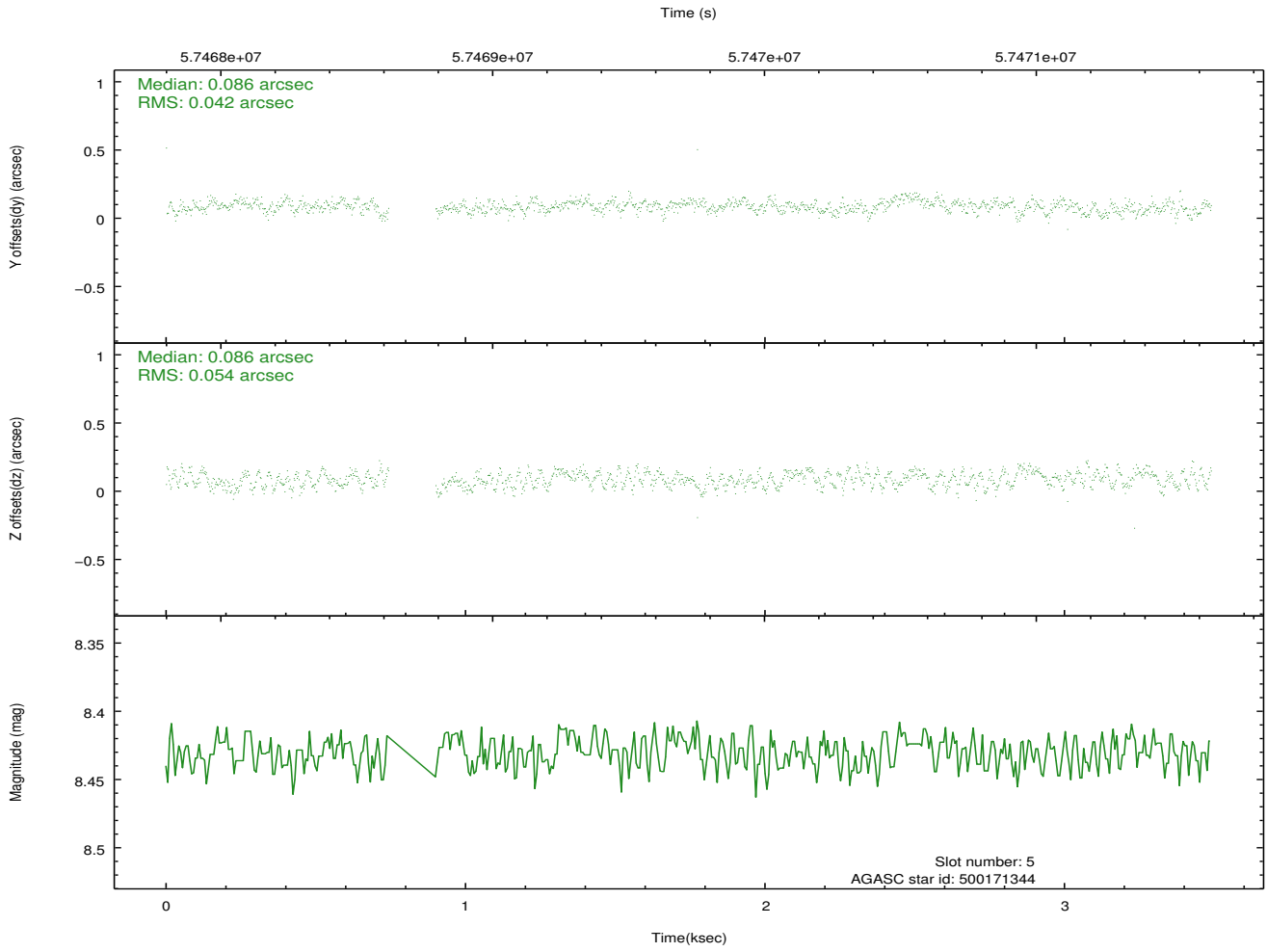
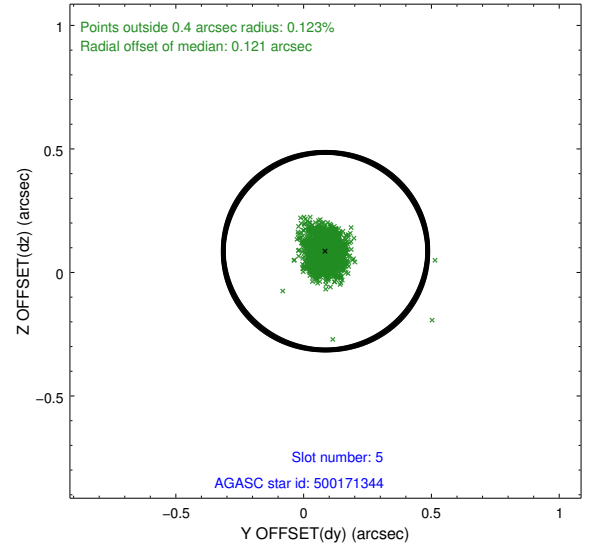
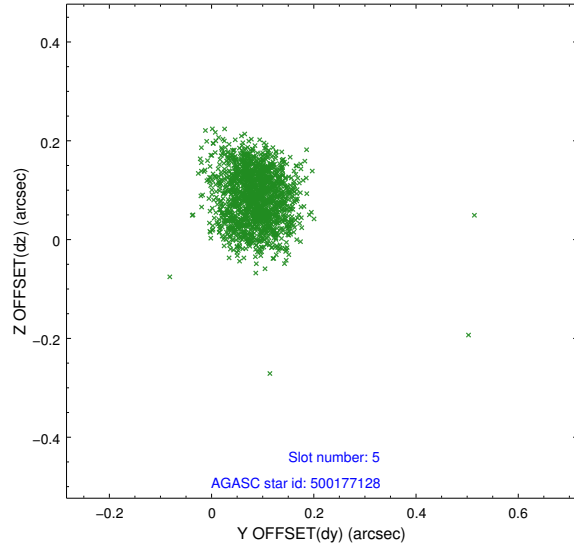
2.4.1 Slot 3



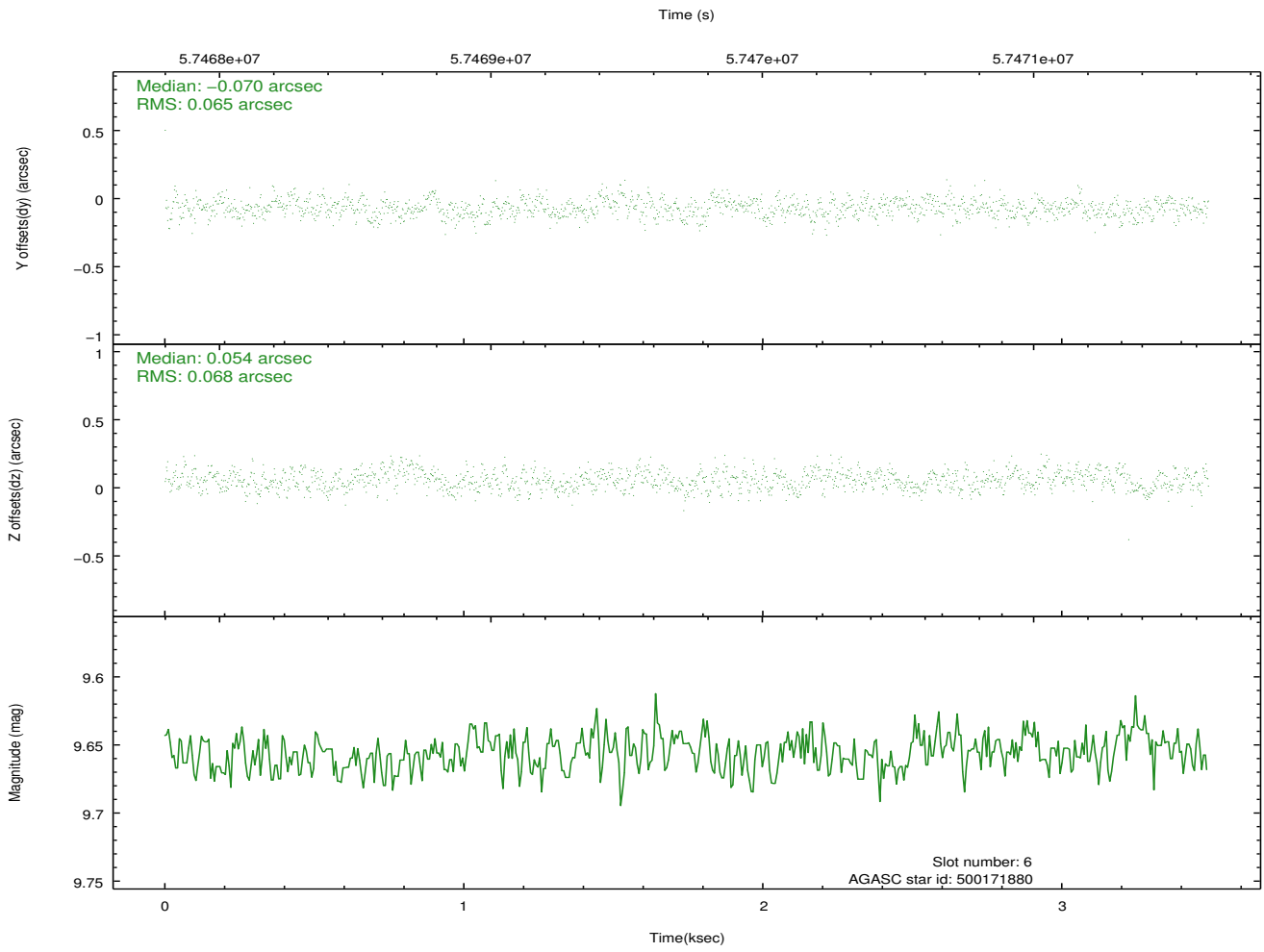
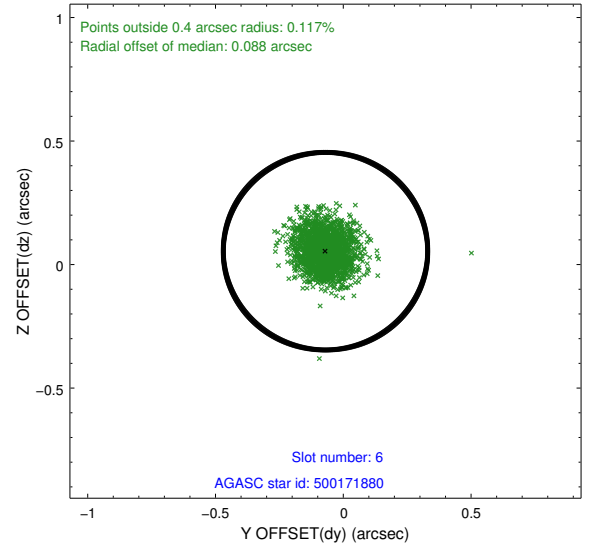
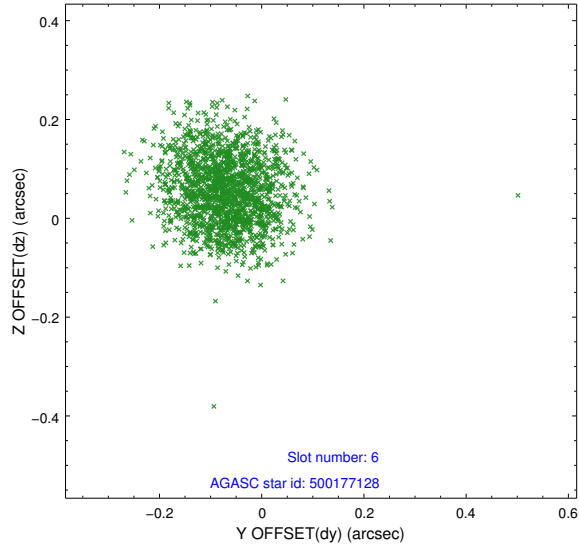
2.4.2 Slot 4



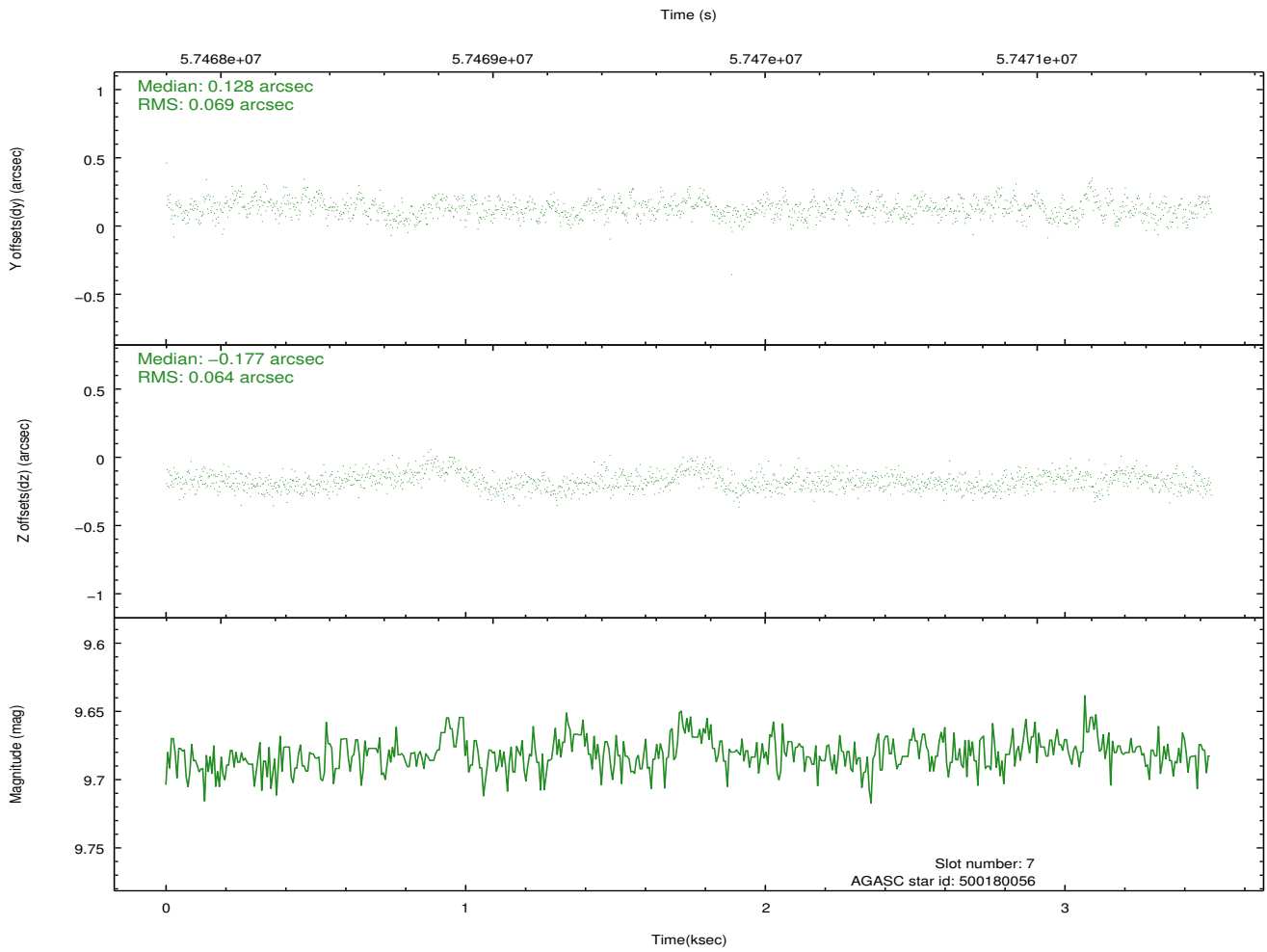
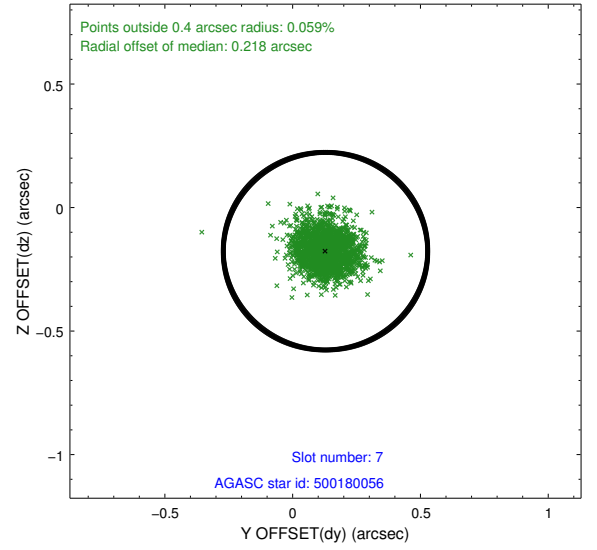
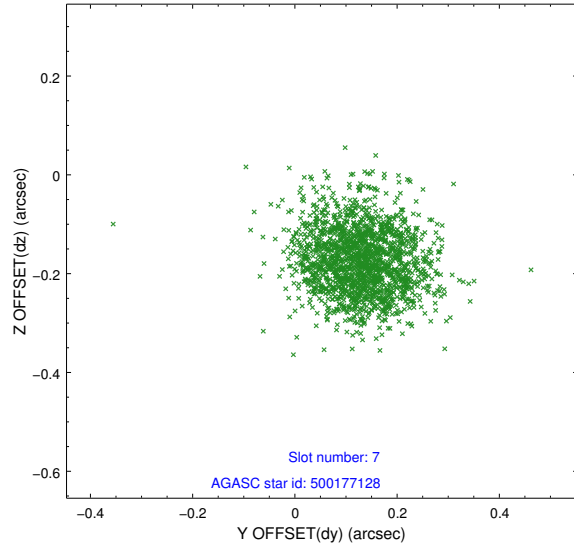
2.4.3 Slot 5



2.4.4 Slot 6

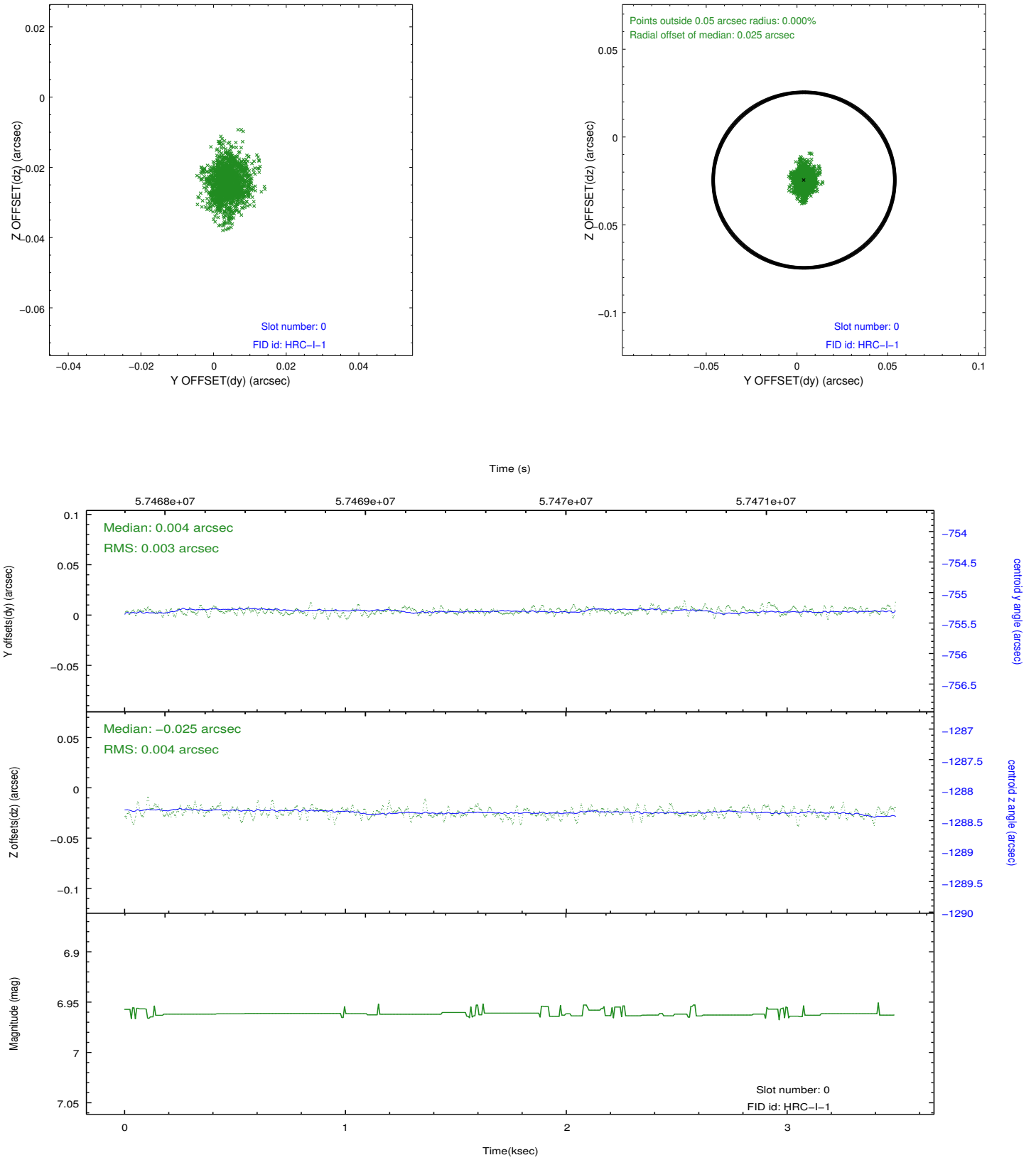


2.4.5 Slot 7

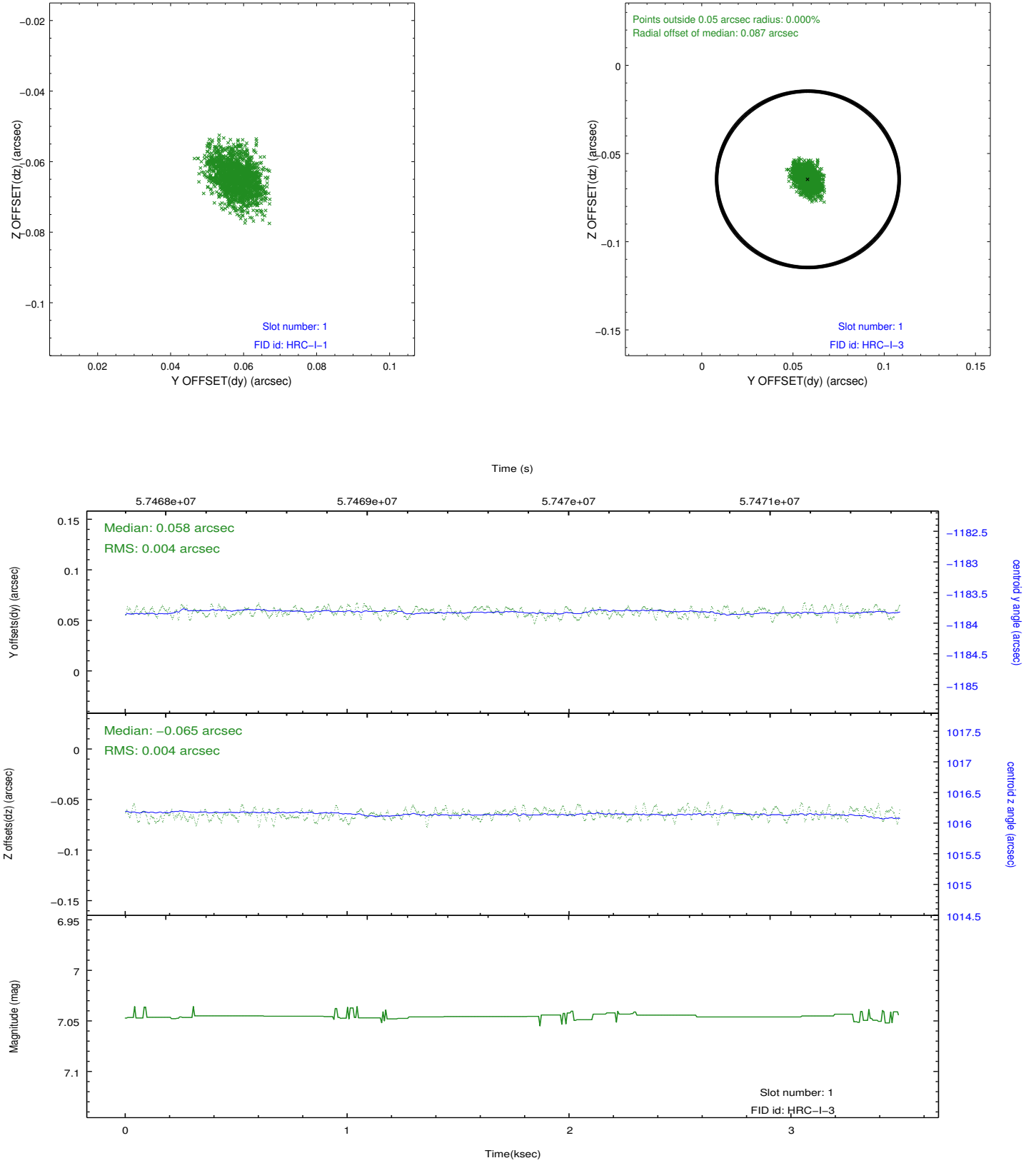


2.5 FID Slots

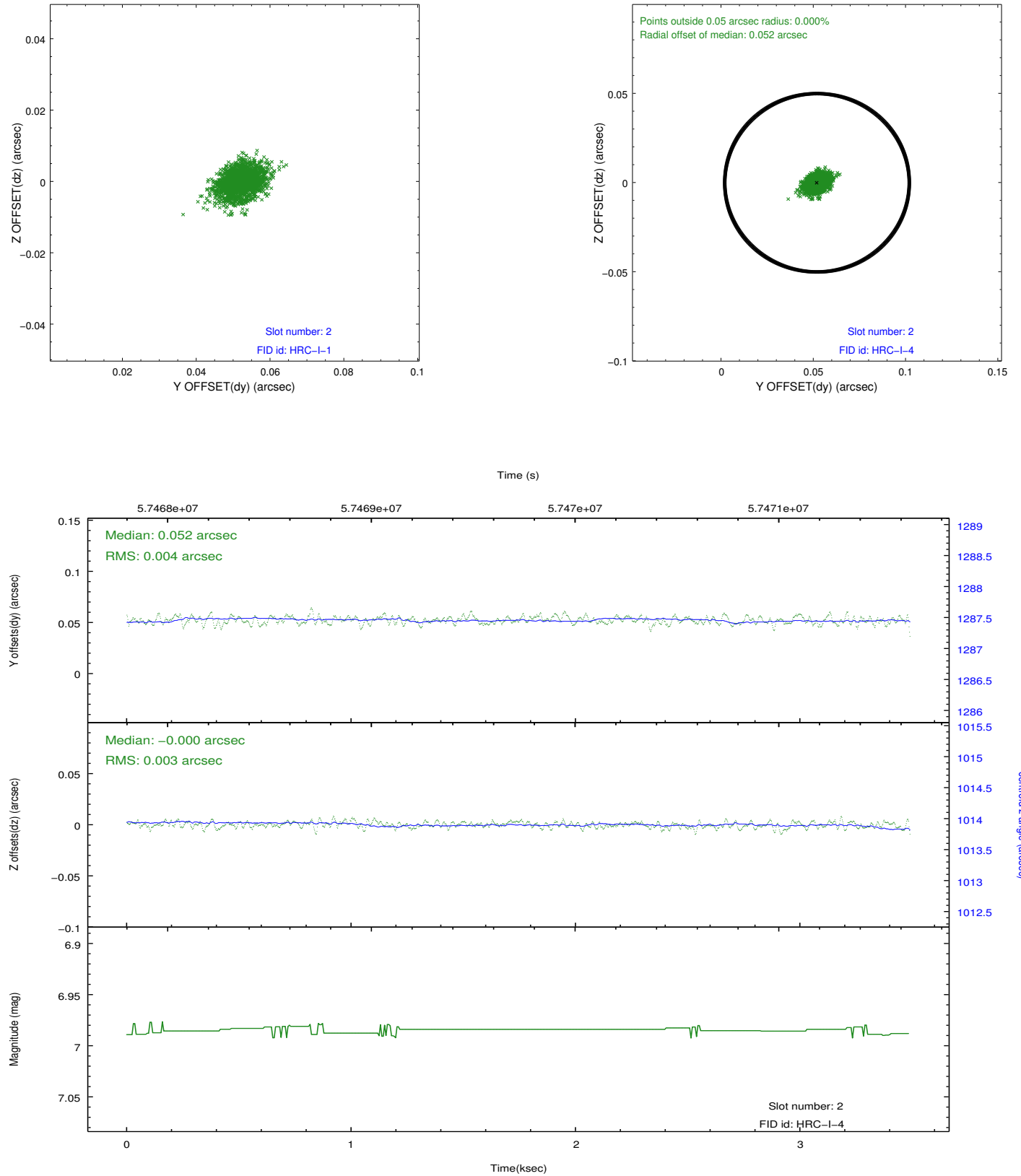
2.5.1 Slot 0



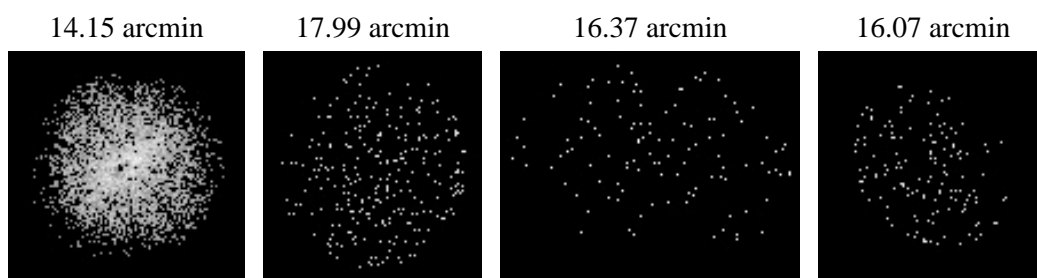
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.273

A.2 Comments

HRC-I off-axis PSF analysis.