

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 1338 - L2 Version 4

Chandra X-Ray Center

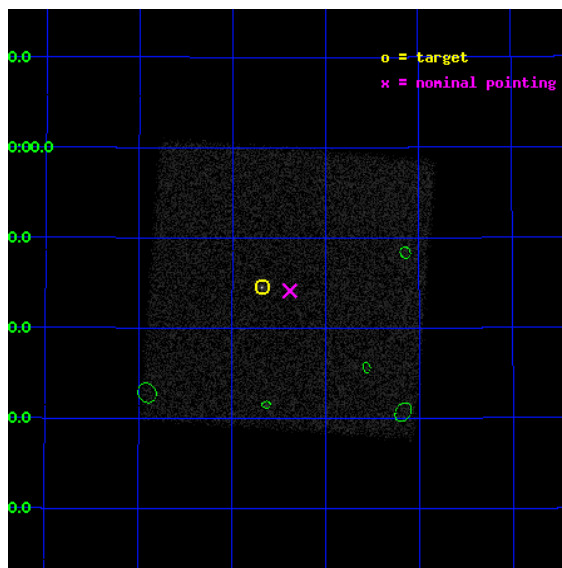
L2 Processing Date : Sep 28 2010

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1 Front

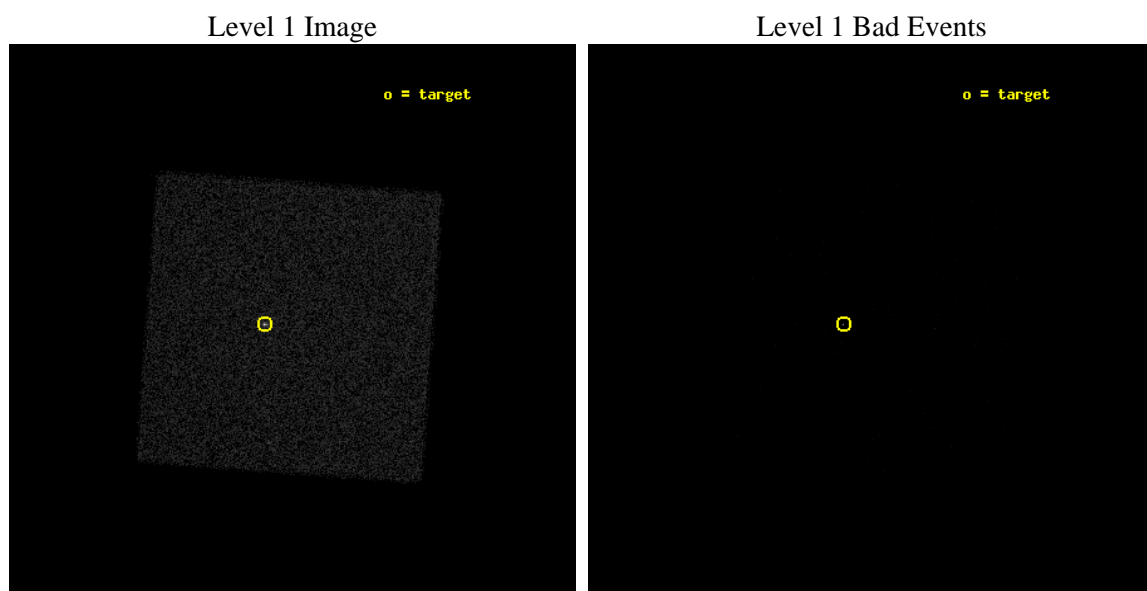
seq_num	280288	Sequence number
obs_id	1338	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.0955100272	Nominal RA
dec_nom	45.735901894343	Nominal Dec
roll_nom	229.28614832869	Nominal Roll
revision	4	Processing version of data
ontime	1275.3562959507	[s]
livetime	1266.3340016013	Ontime multiplied by DTCOR
l2events	42320	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	69749	Number of level 1 events
date	2010-09-28T07:21:49	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

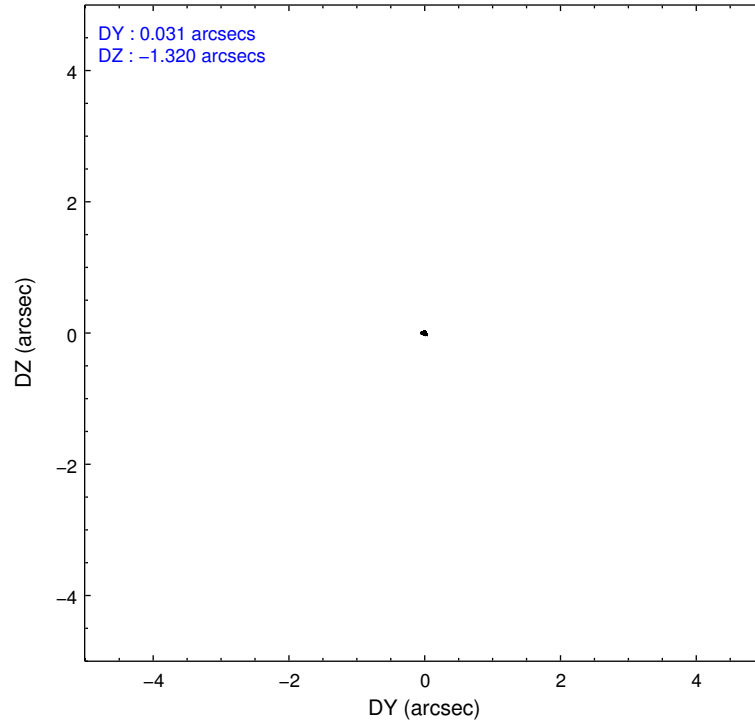
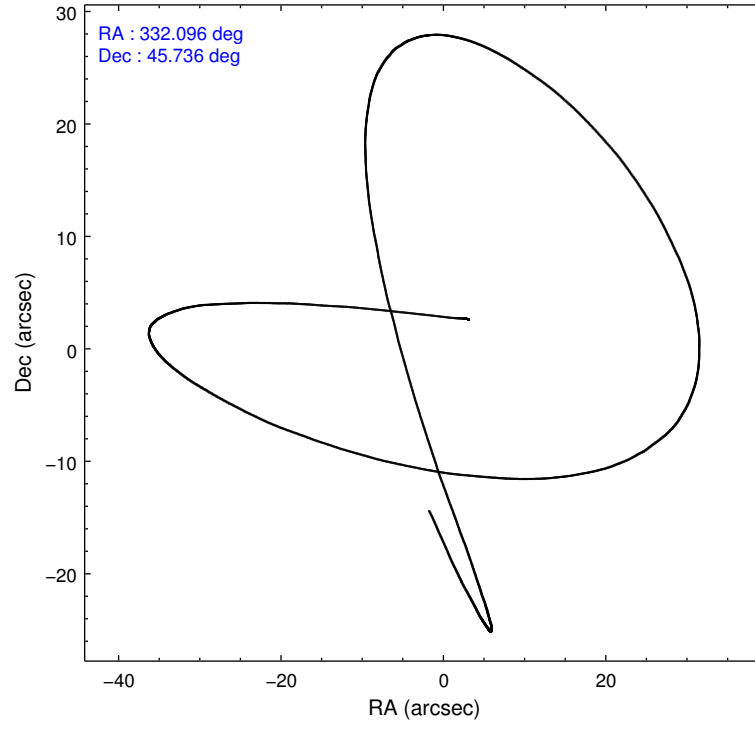
Level 1 Events

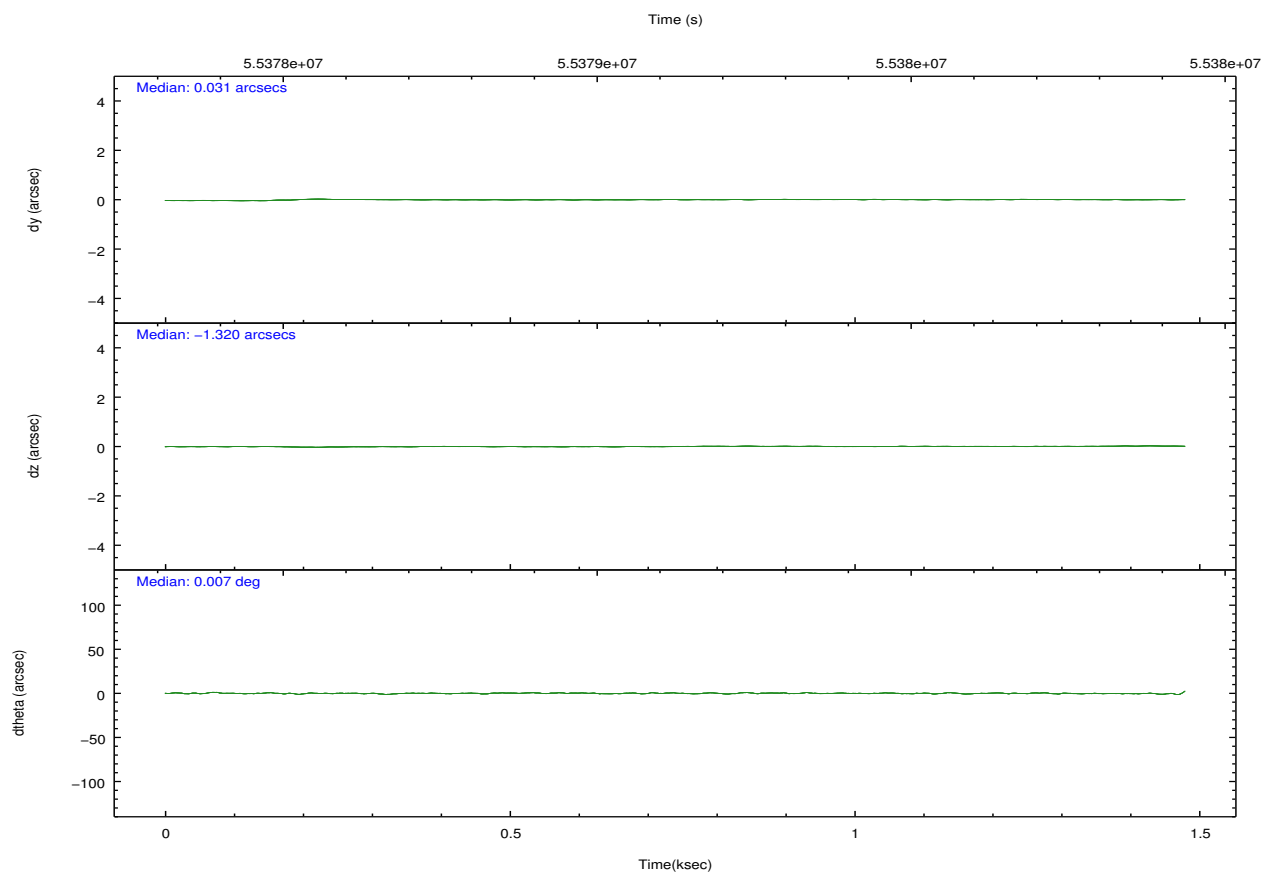
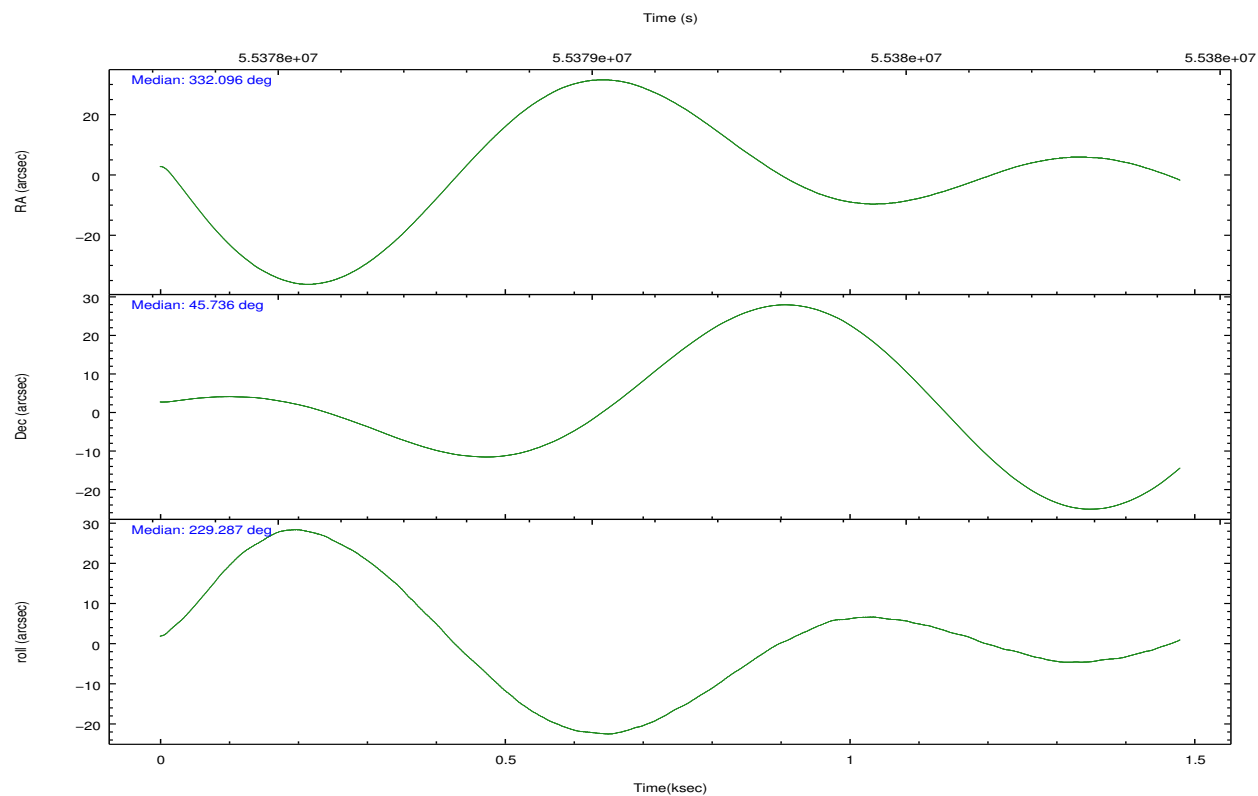
	segment 0
level 1 events	69749
rejected events	2581
rejected %	3%

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	332.103765	332.0955100271971			
Pointing Dec	45.763596	45.73590189434277			
Pointing Roll	229.375693	229.2861483286945			
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	55378864.184000	55378197.469946			
Observation start date	1999-10-03T23:00:00	1999-10-03T22:49:57			
Observation end time	55379864.184000	55379997.370011			
Observation end date	1999-10-03T23:16:40	1999-10-03T23:19:57			

2.3 Aspect



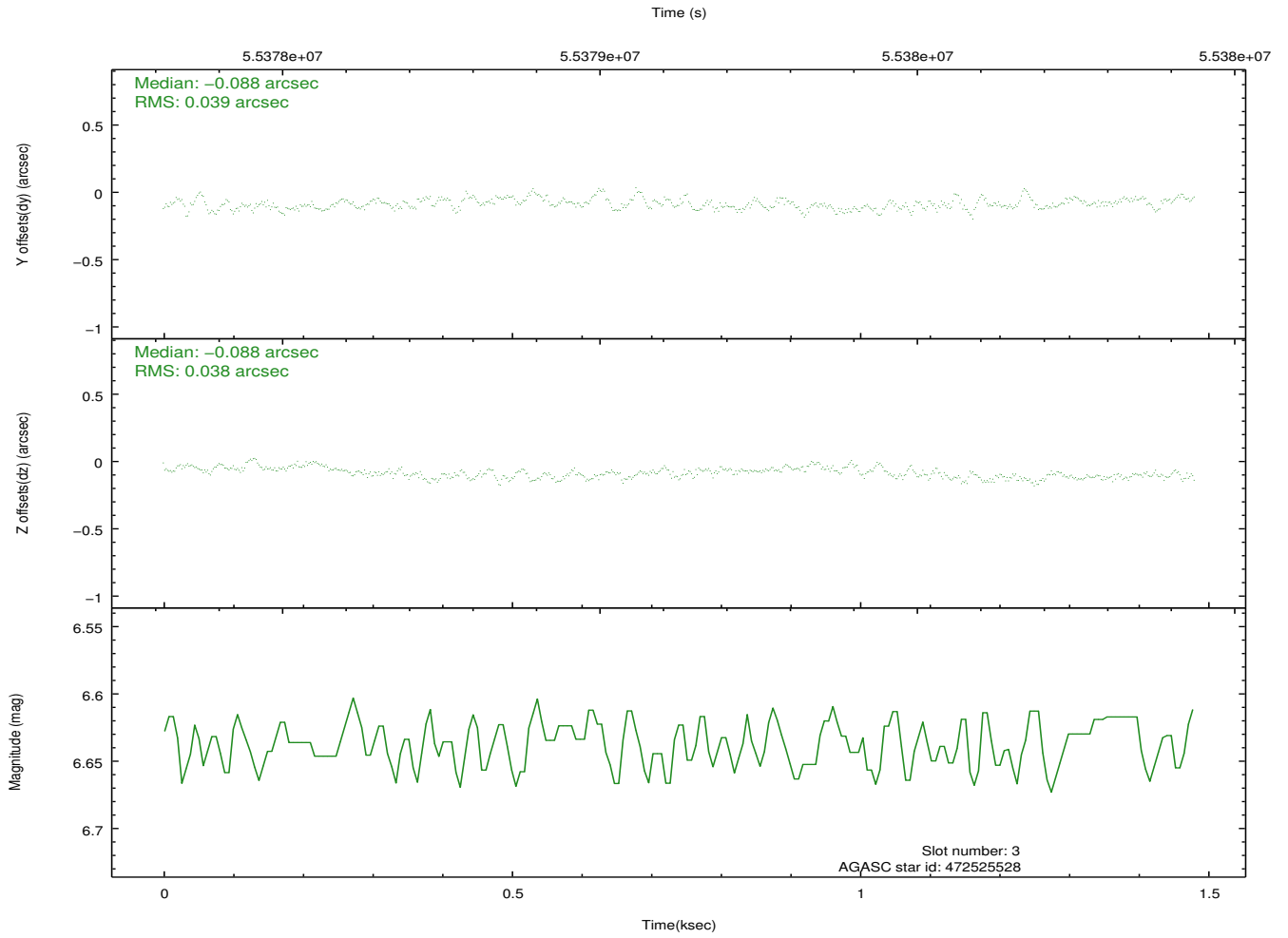
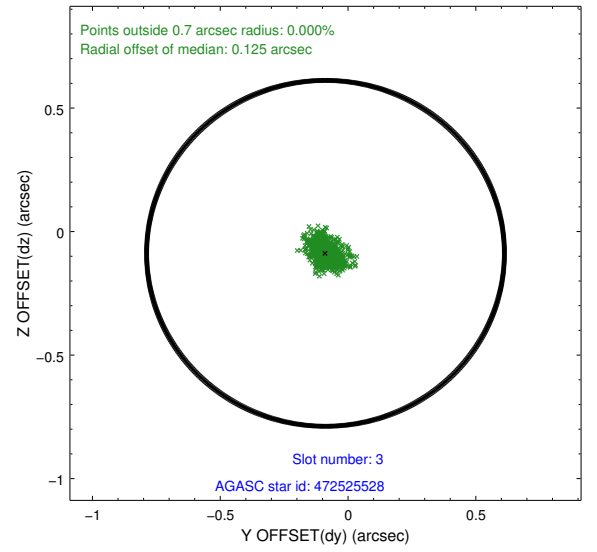
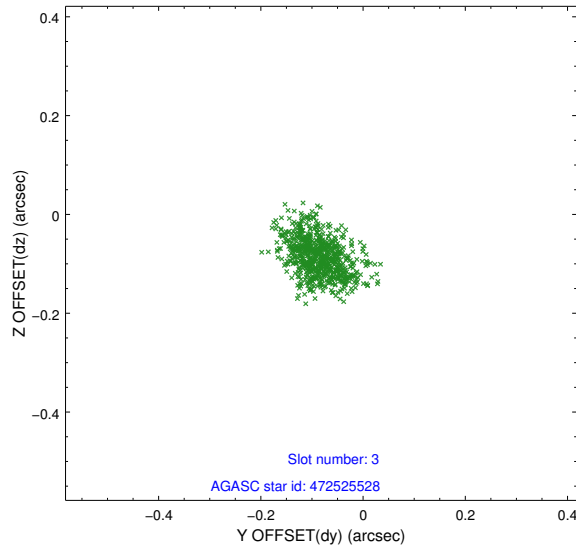


Slot Statistics

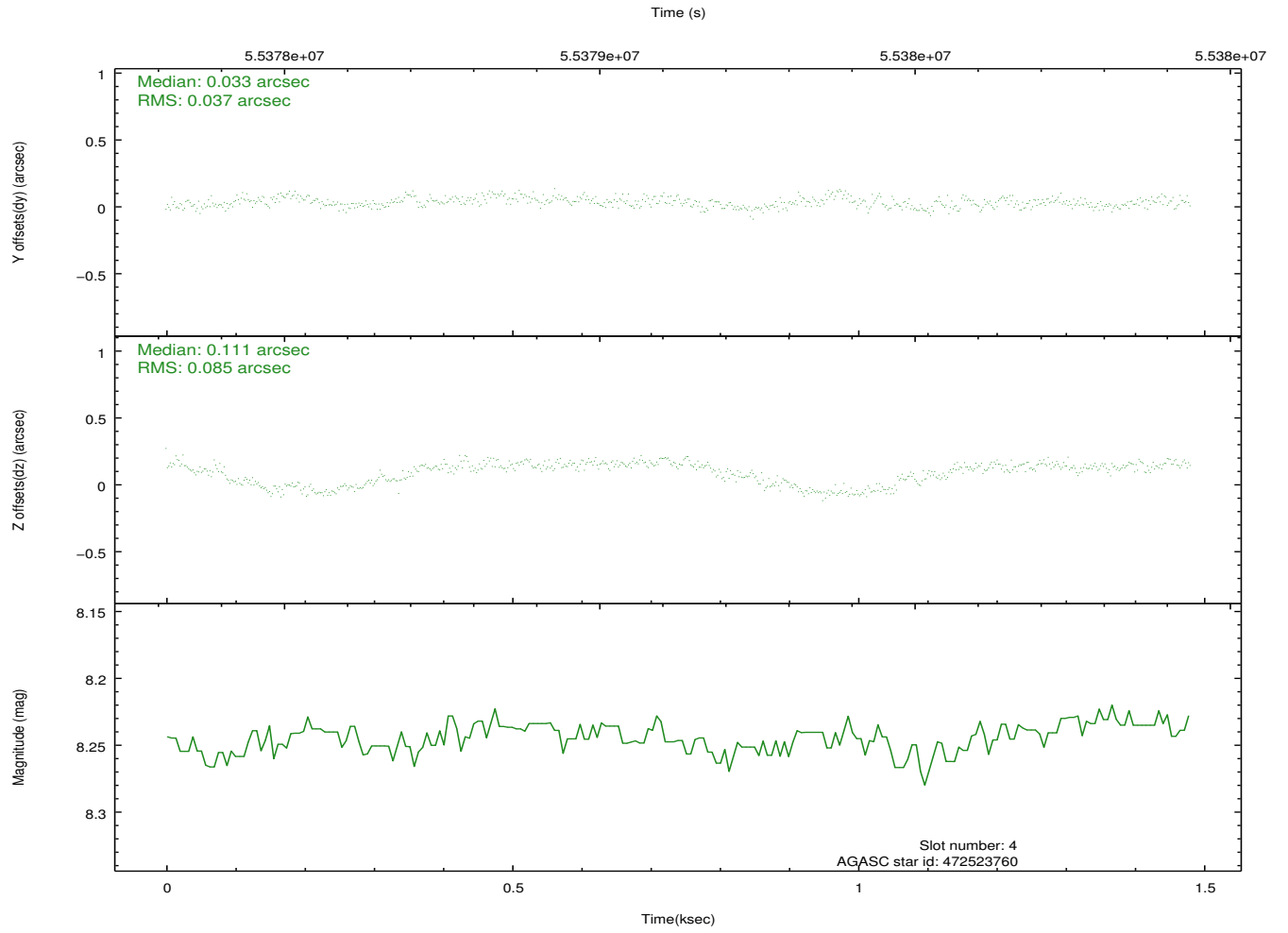
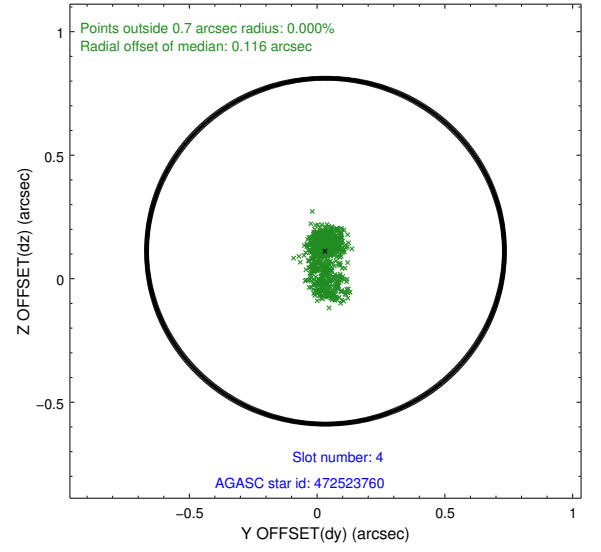
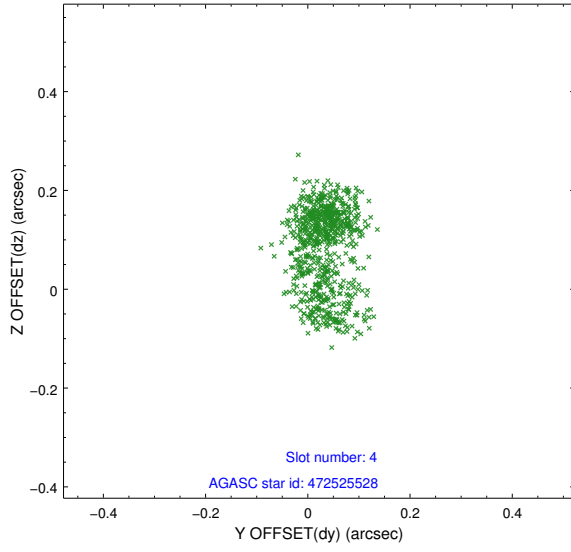
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	723	0.060	-0.002	0.006	0.009	0.000000	0.000000	-755.40	-1286.47
1	FID	HRC-I-3	7.04	723	0.060	-0.031	0.006	0.010	0.000000	0.000000	-1185.02	1016.46
2	FID	HRC-I-4	6.97	723	-0.007	-0.056	0.005	0.009	0.000000	0.000000	1285.80	1017.28
3	GUIDE	472525528	6.64	723	-0.088	-0.088	0.058	0.095	331.551102	45.248694	2312.00	140.49
4	GUIDE	472523760	8.24	723	0.033	0.111	0.089	0.179	331.645363	45.403260	1736.51	-36.71
5	GUIDE	472665256	9.00	722	0.033	-0.068	0.065	0.109	332.808125	46.195041	-2328.30	315.85
6	GUIDE	472659832	9.46	723	0.016	0.037	0.083	0.131	332.780399	46.098139	-2025.67	493.74
7	GUIDE	472655152	9.43	720	-0.002	0.029	0.091	0.148	332.504239	45.862991	-933.12	528.11

2.4 Star Slots

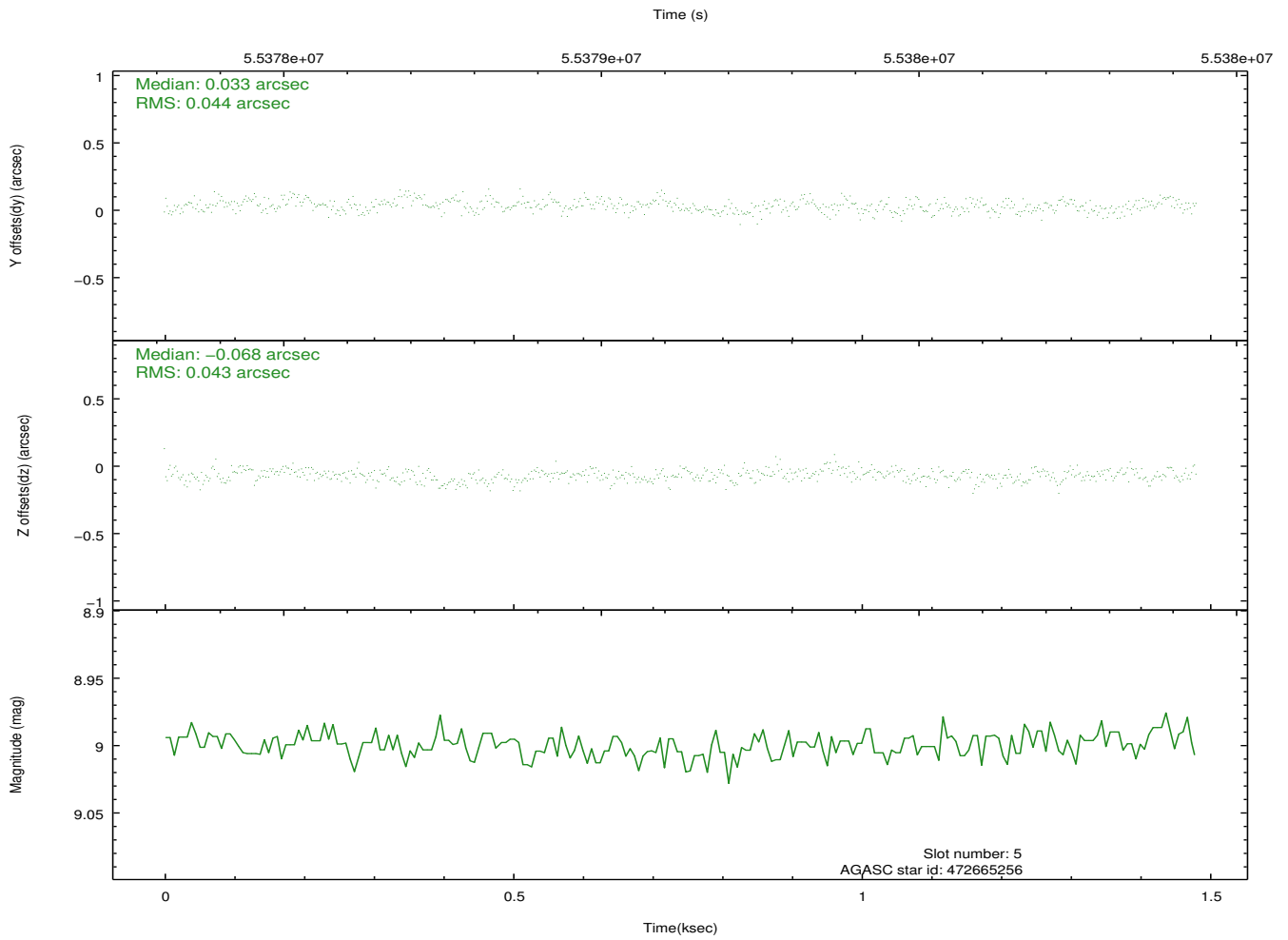
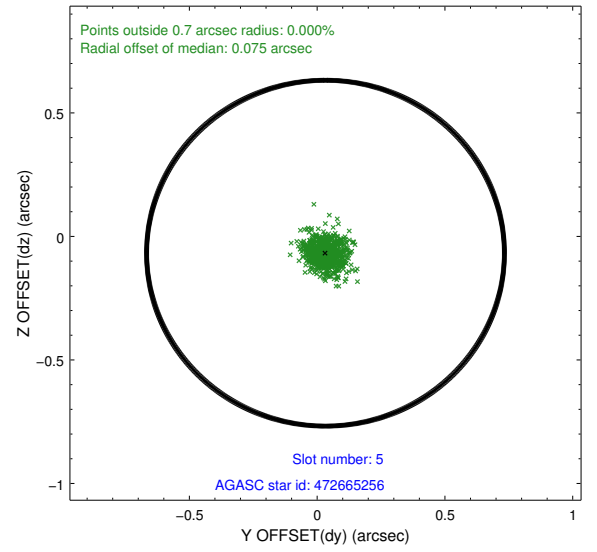
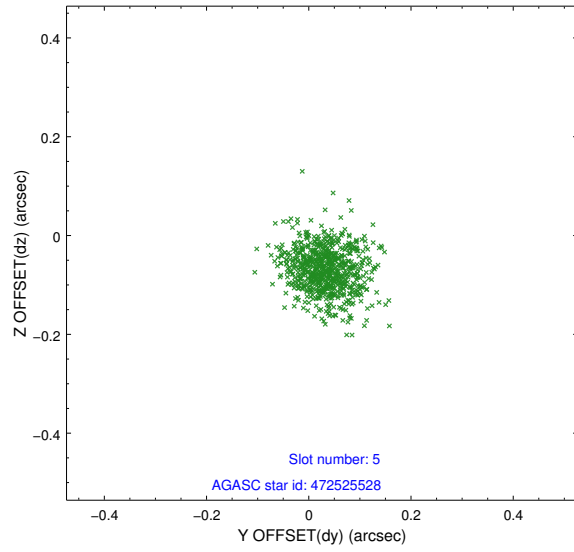
2.4.1 Slot 3



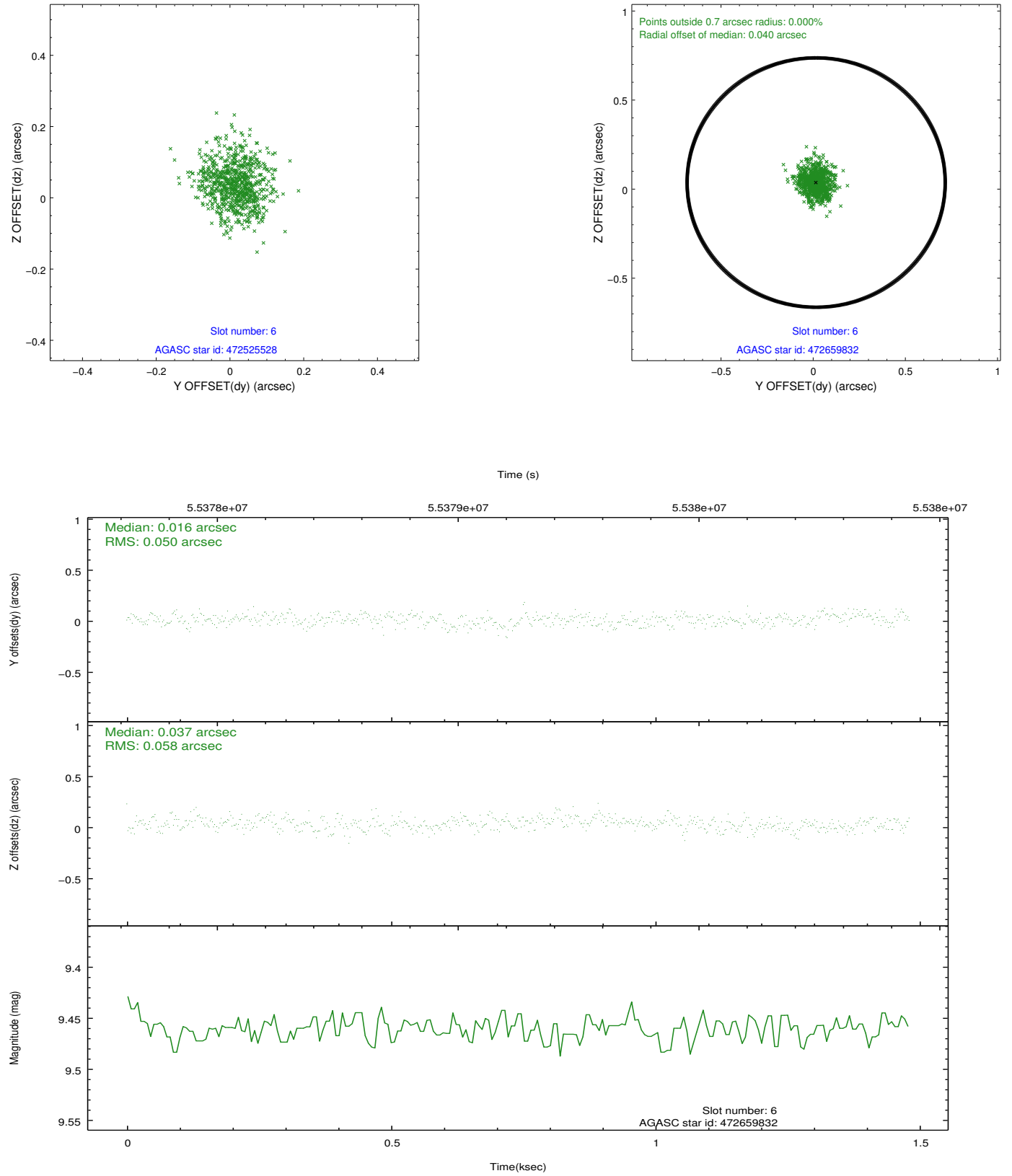
2.4.2 Slot 4



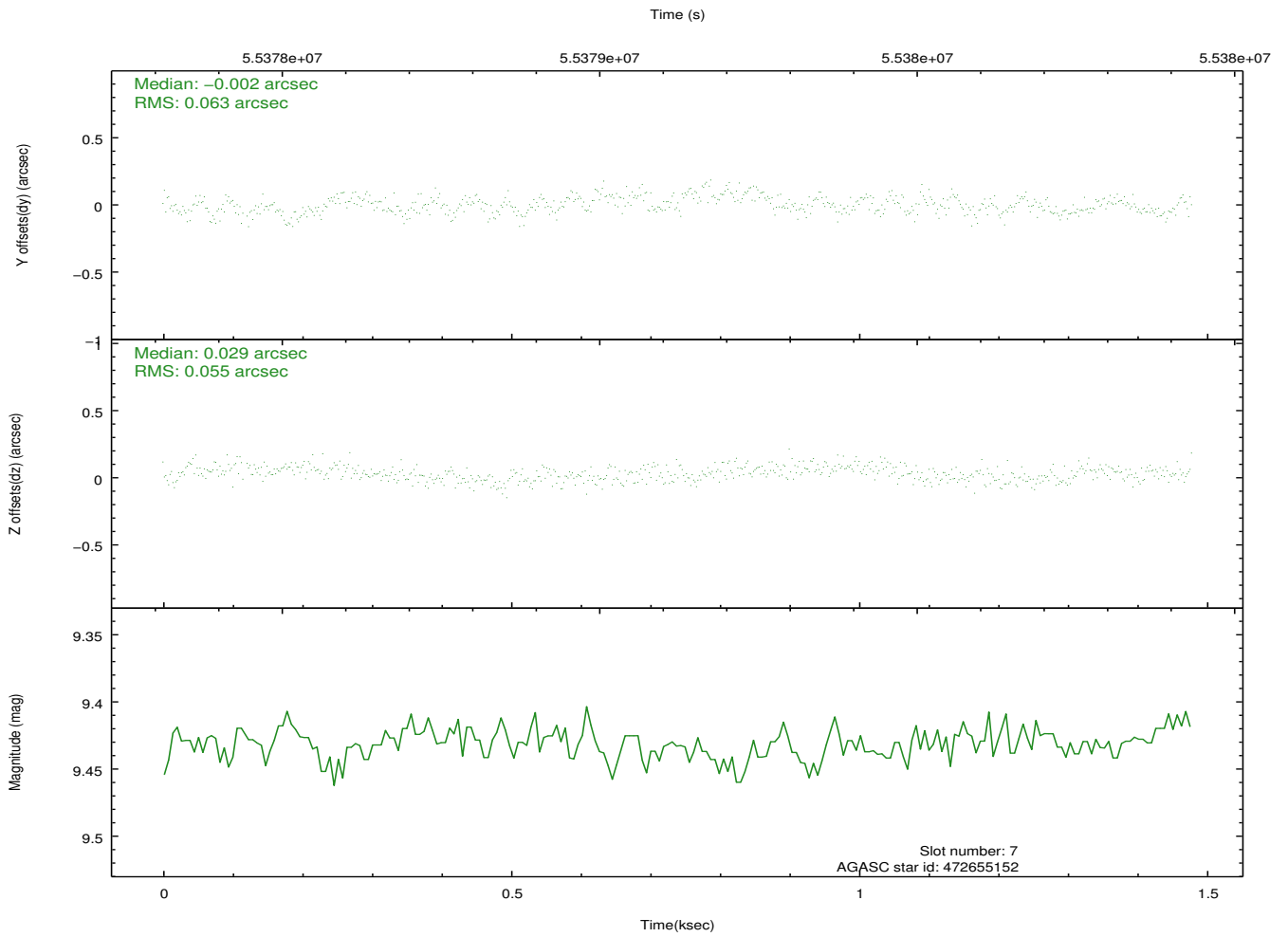
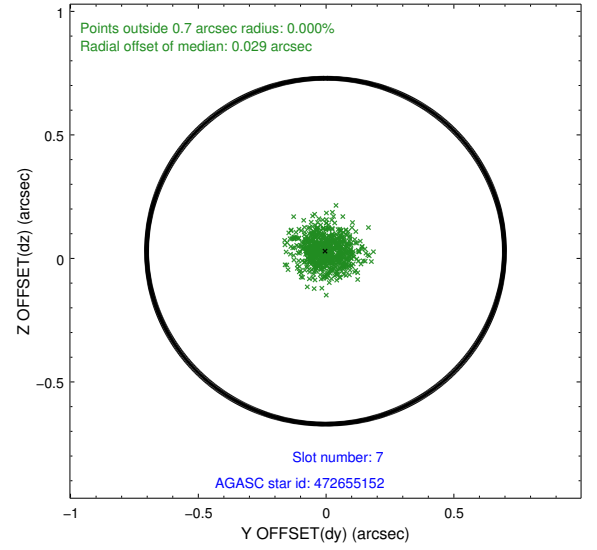
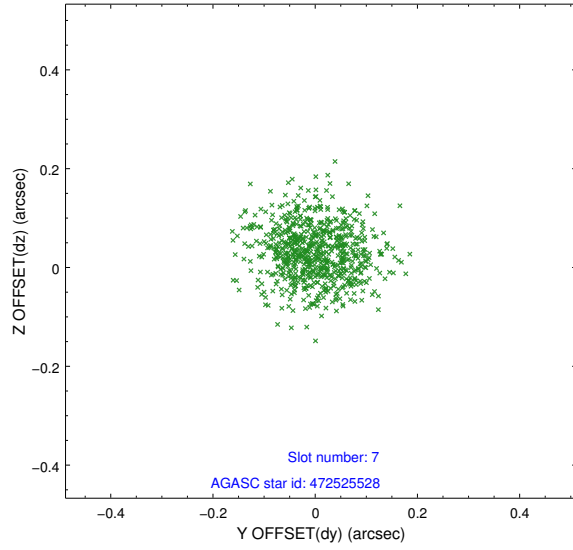
2.4.3 Slot 5



2.4.4 Slot 6

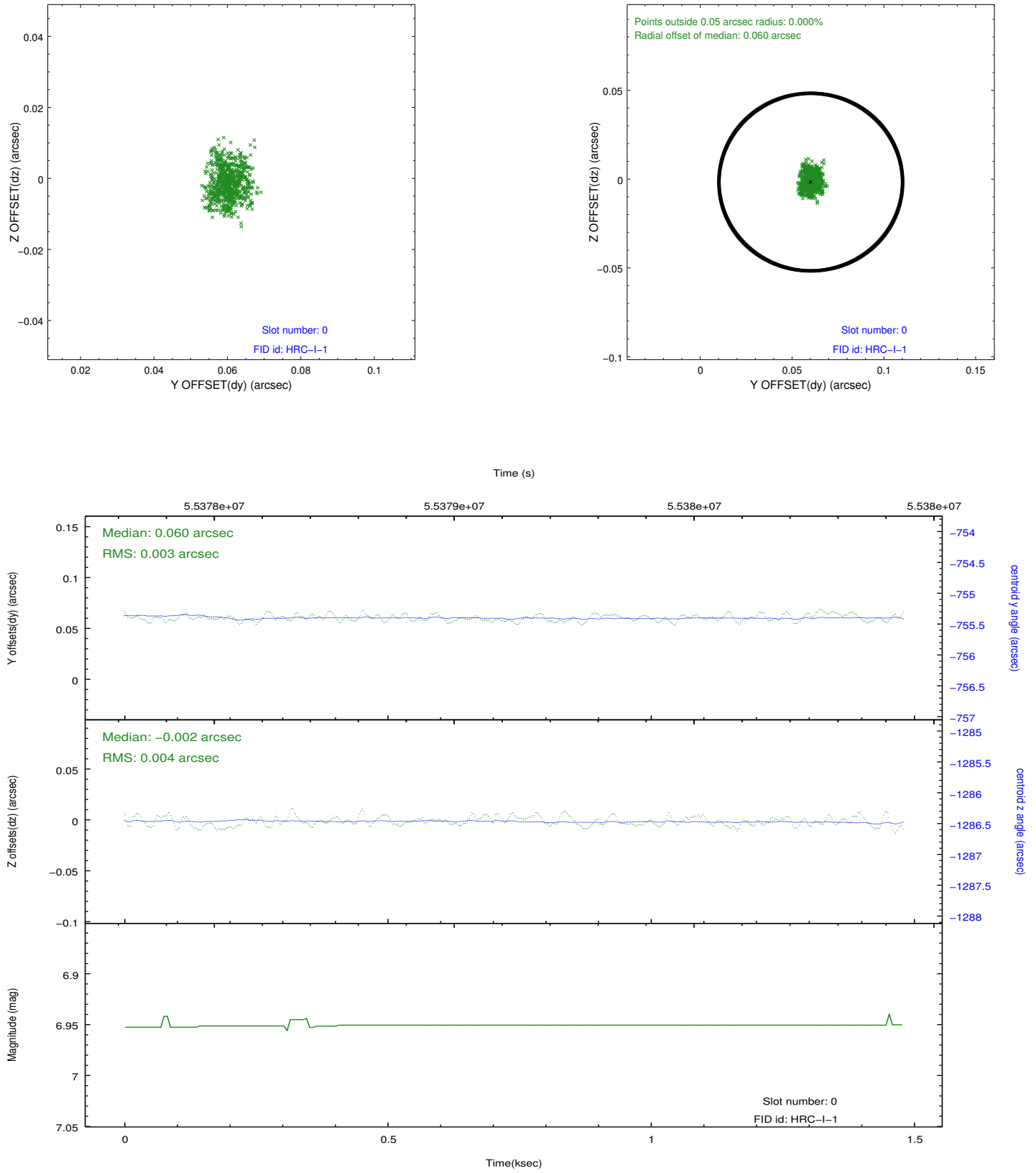


2.4.5 Slot 7

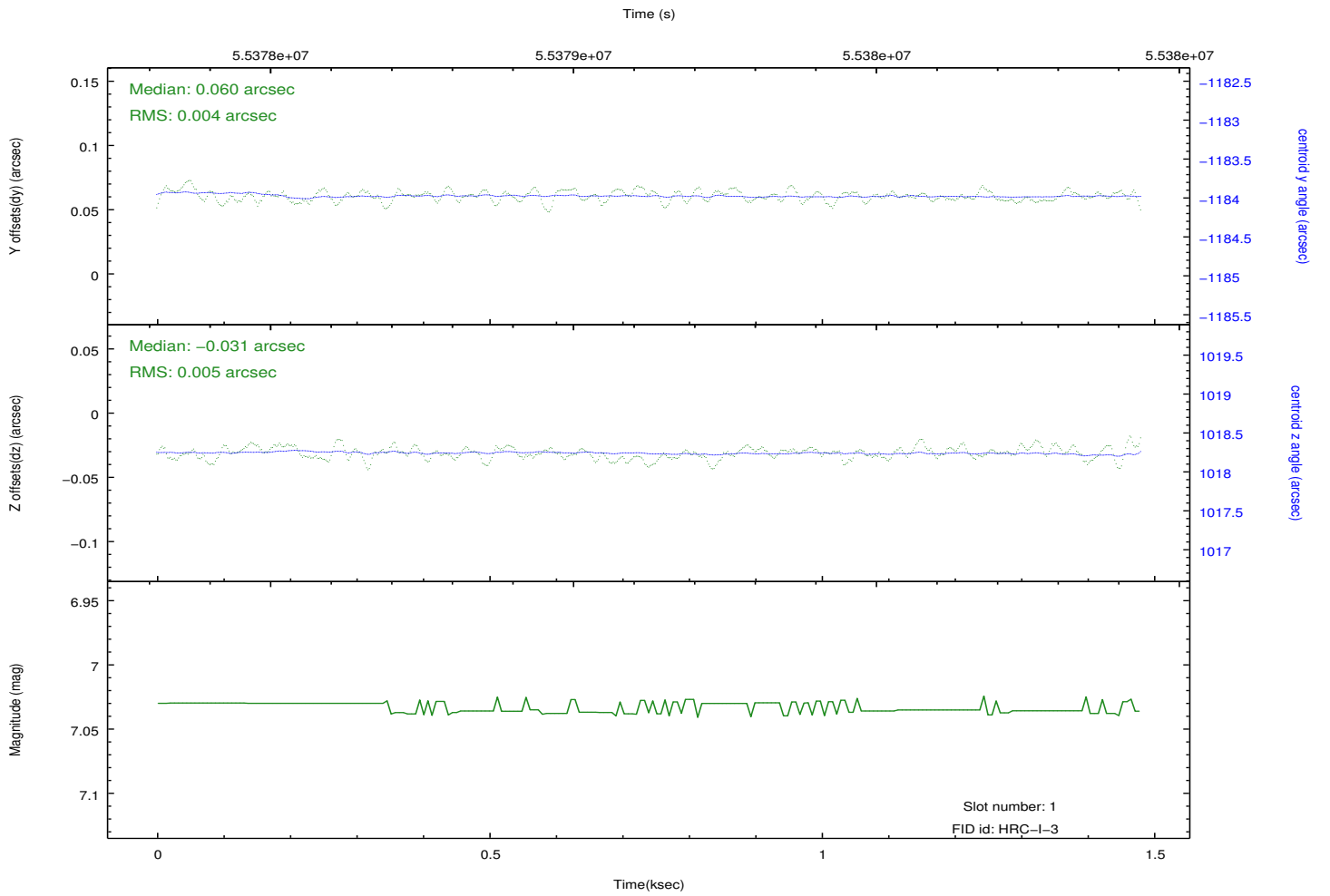
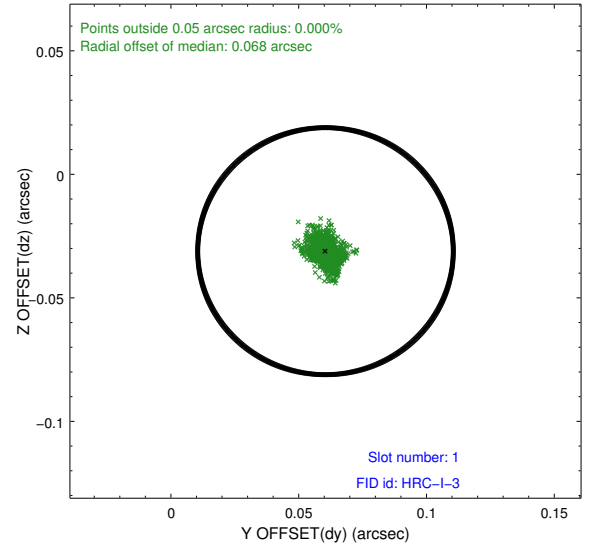
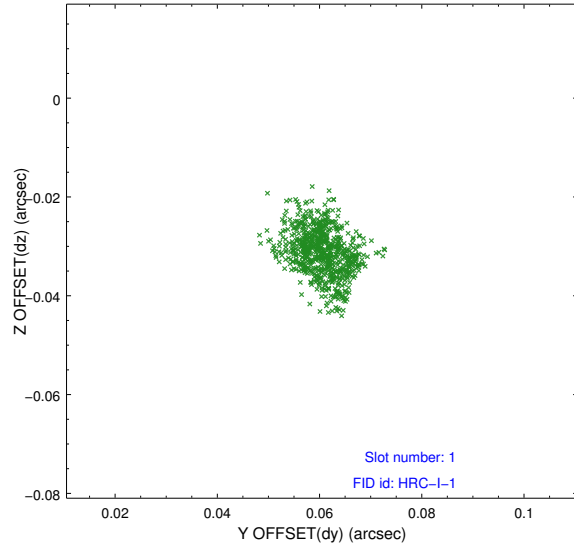


2.5 FID Slots

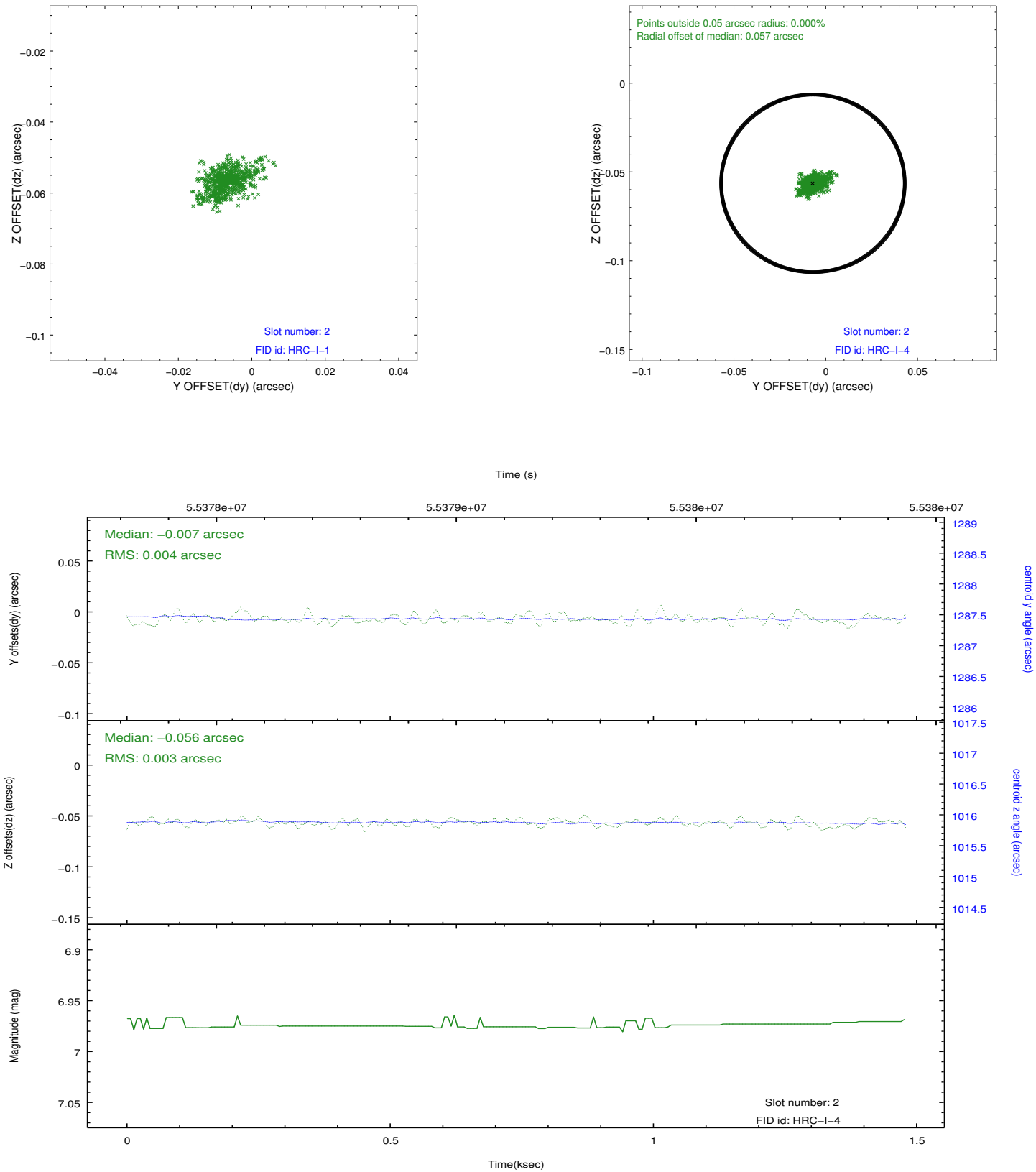
2.5.1 Slot 0



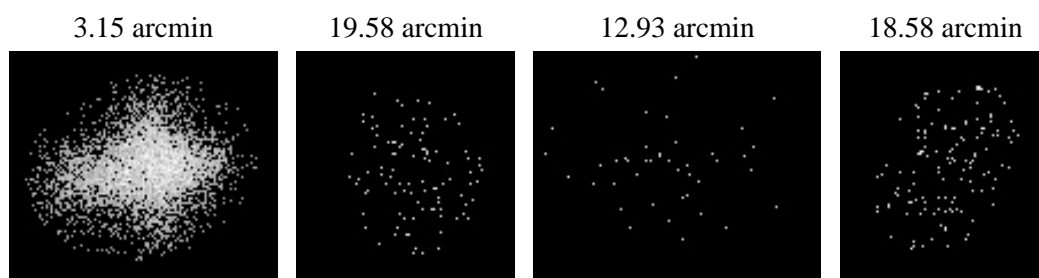
2.5.2 Slot 1



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.