

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 1321 - L2 Version 5
Chandra X-Ray Center

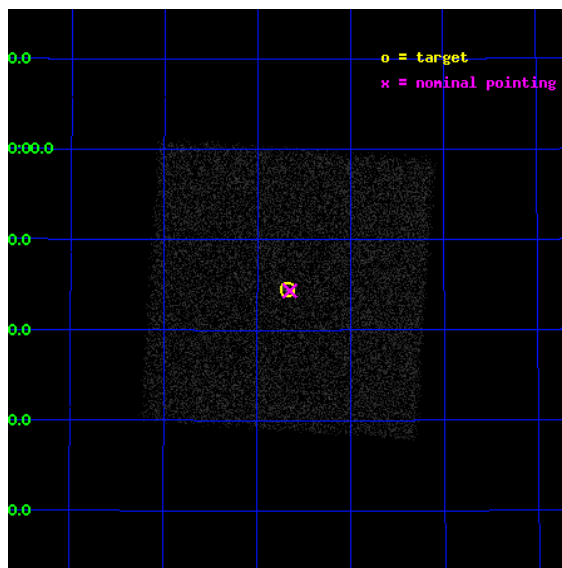
L2 Processing Date : Oct 14 2010

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1 Front

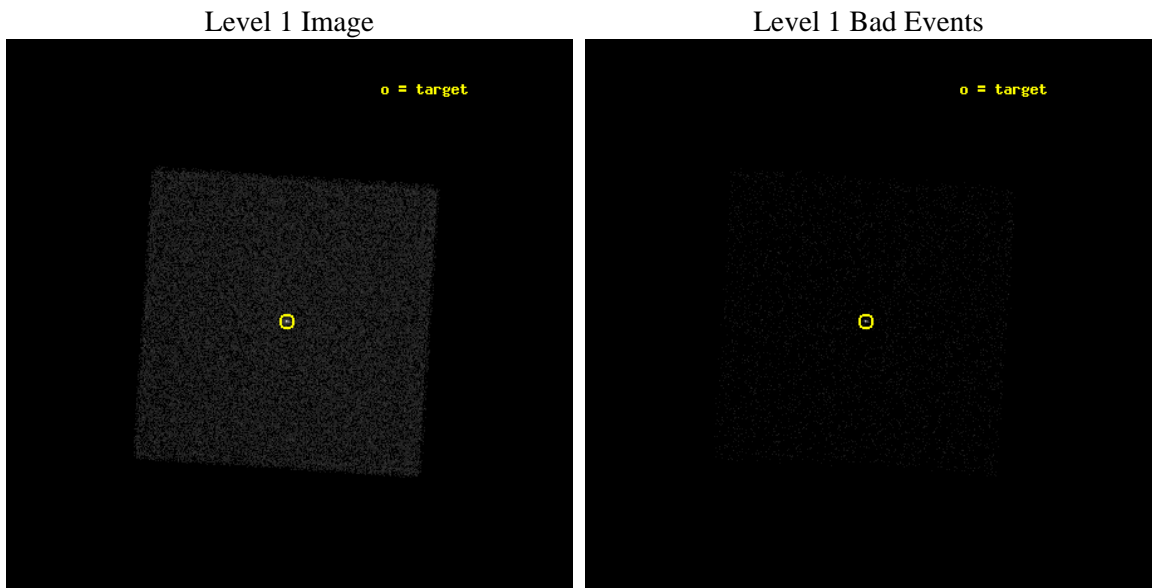
seq_num	280271	Sequence number
obs_id	1321	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.1628151478	Nominal RA
dec_nom	45.739512102404	Nominal Dec
roll_nom	228.78810332801	Nominal Roll
revision	5	Processing version of data
ontime	774.13127789646	[s]
livetime	768.70389116033	Ontime multiplied by DTCOR
l2events	25973	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	774.13127789646	[s]
caldbver	4.3.1	 	l1events	68477	Number of level 1 events
date	2010-09-28T15:17:51	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

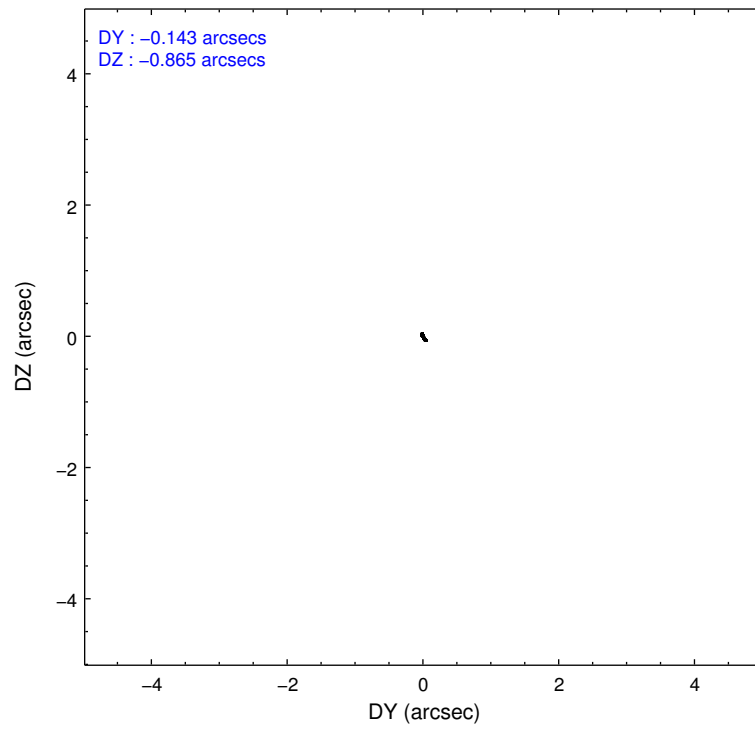
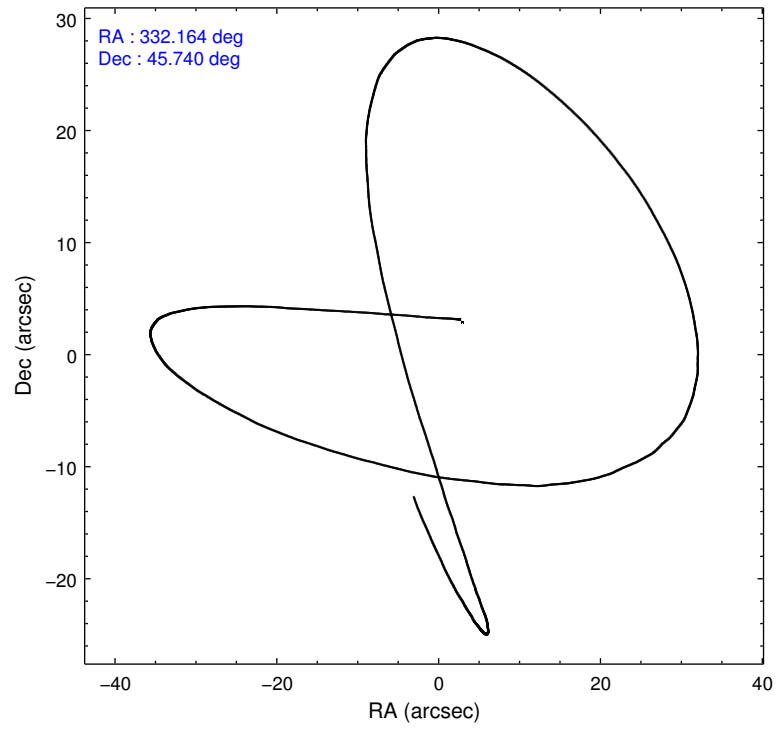
	segment 0
level 1 events	68477
rejected events	28311
rejected %	41%

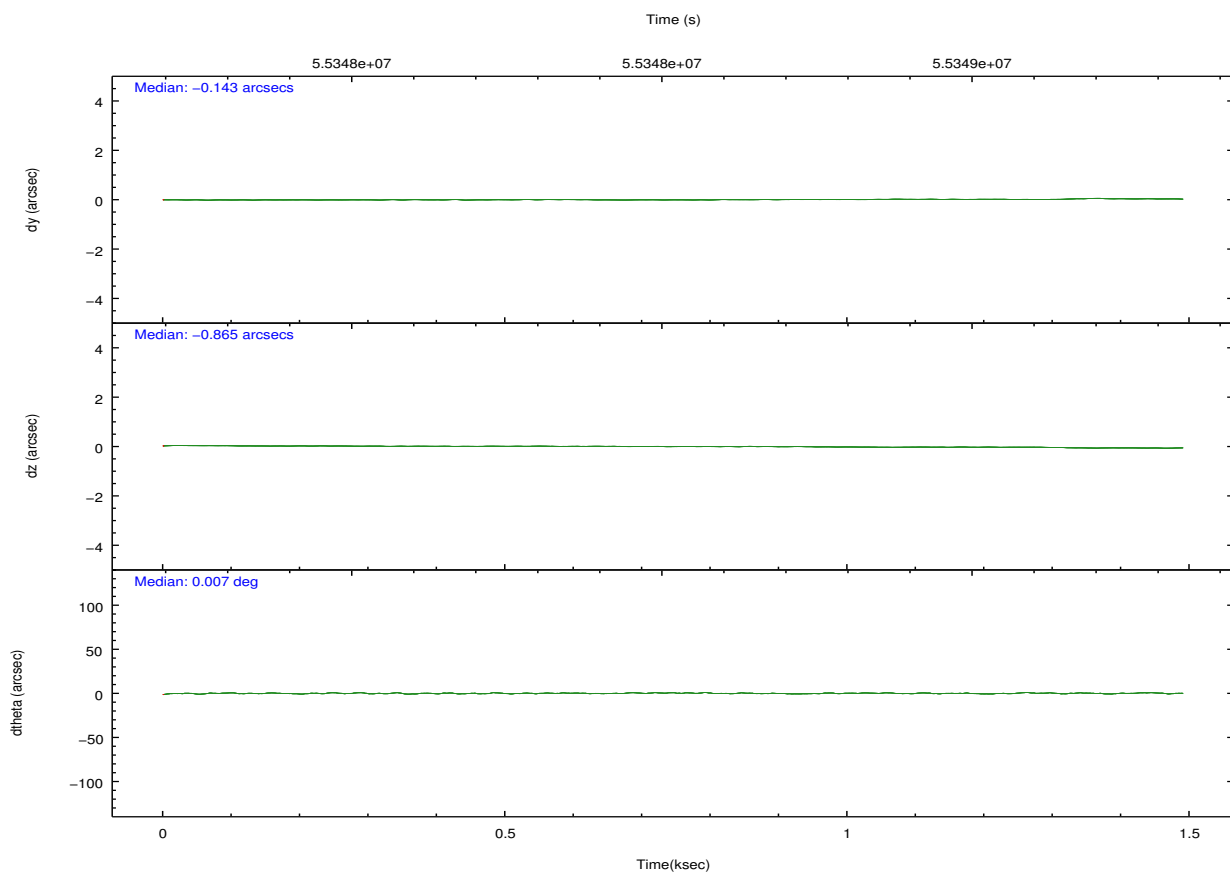
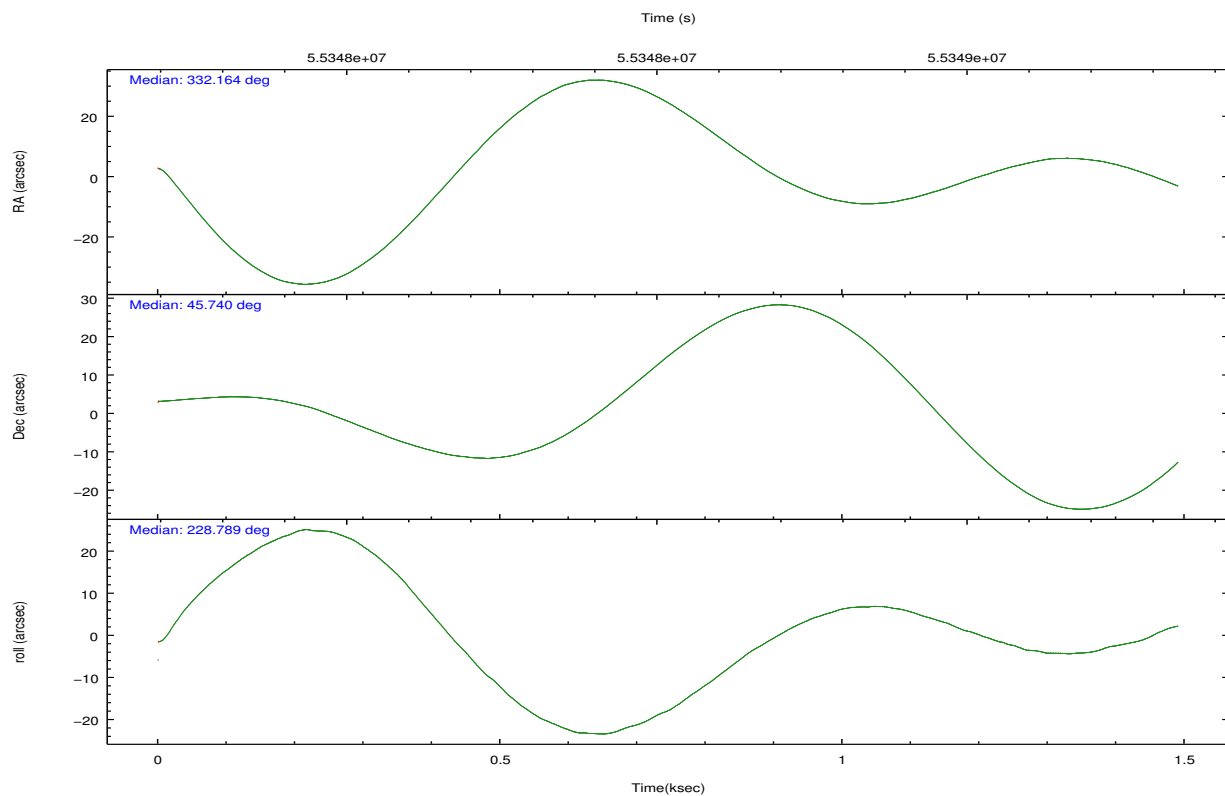
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.171411	332.1628151478025
Pointing Dec	45.767160	45.73951210240374
Pointing Roll	228.877390	228.7881033280111
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	55348264.184000	55347597.631344
Observation start date	1999-10-03T14:30:00	1999-10-03T14:19:57
Observation end time	55349264.184000	55349398.043908
Observation end date	1999-10-03T14:46:40	1999-10-03T14:49:58

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



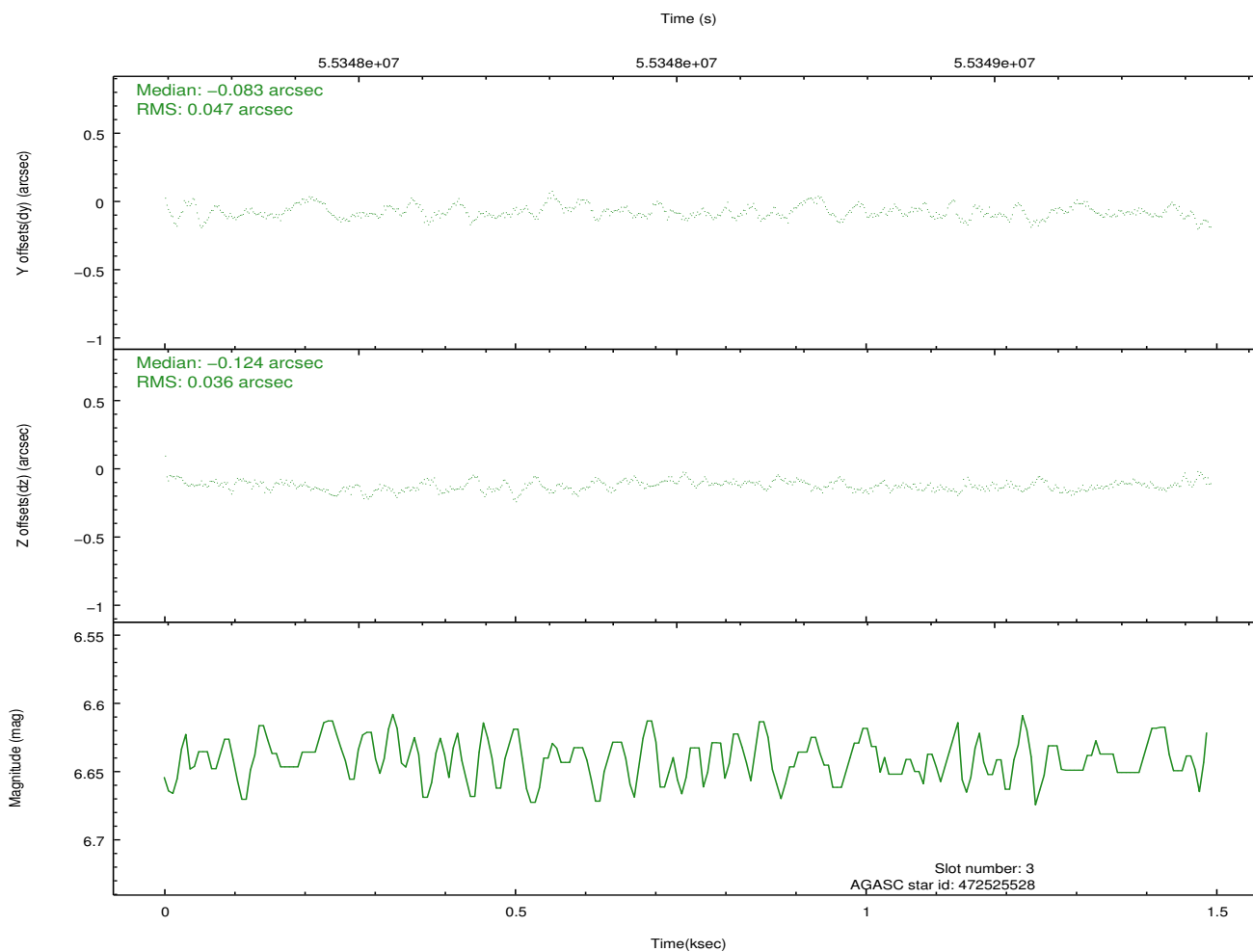
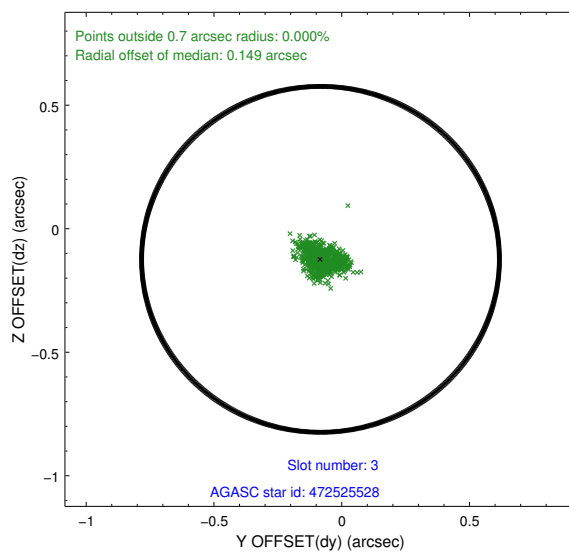
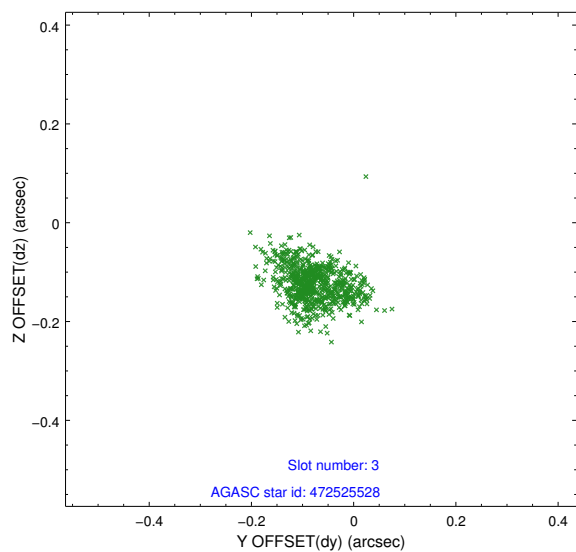


Slot Statistics

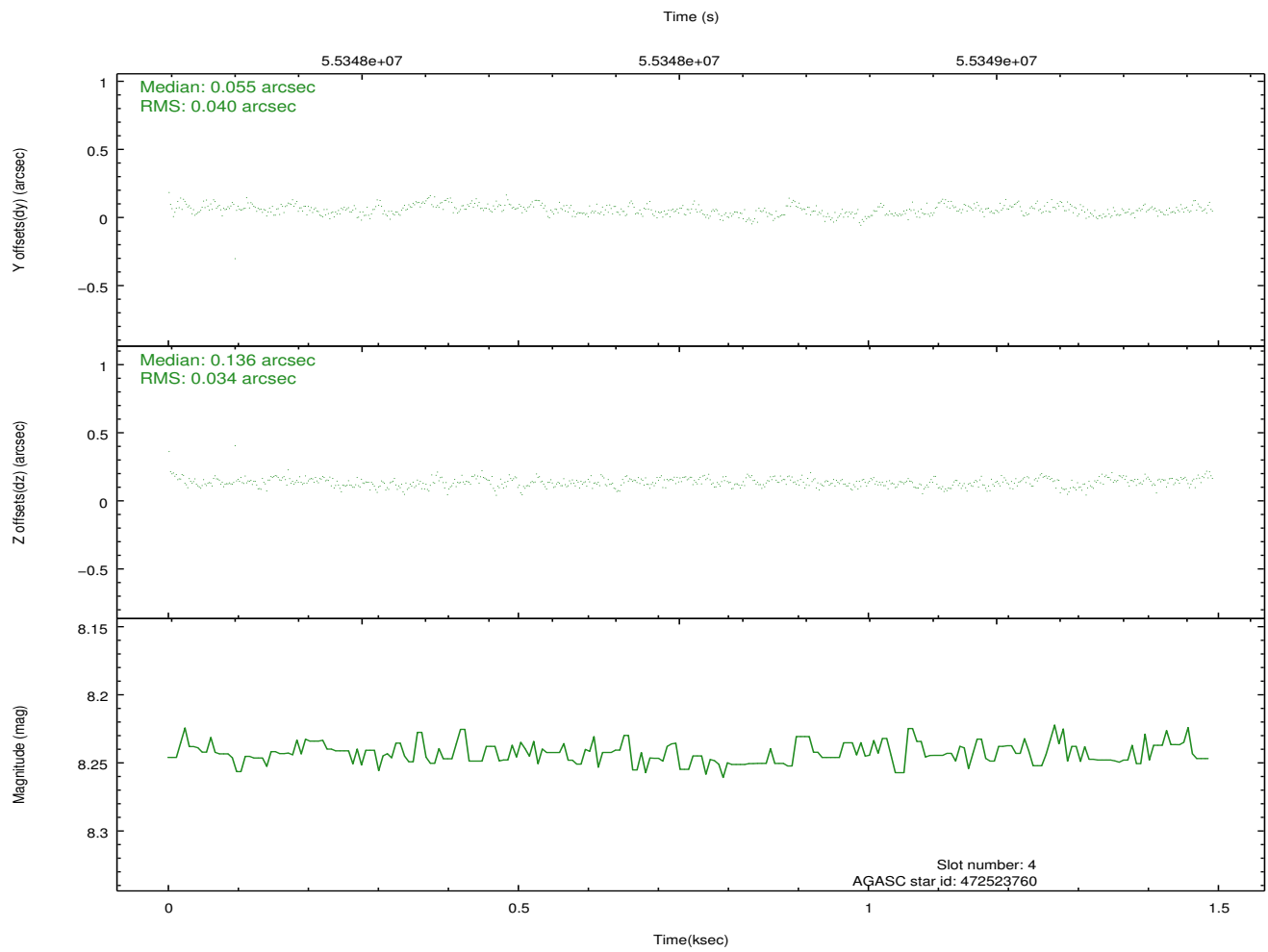
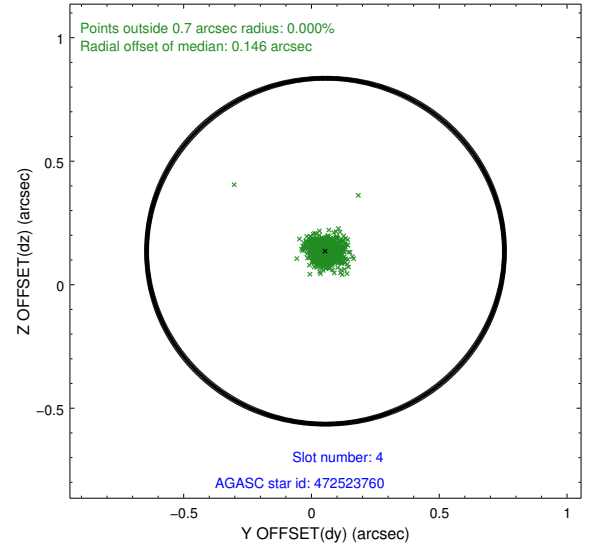
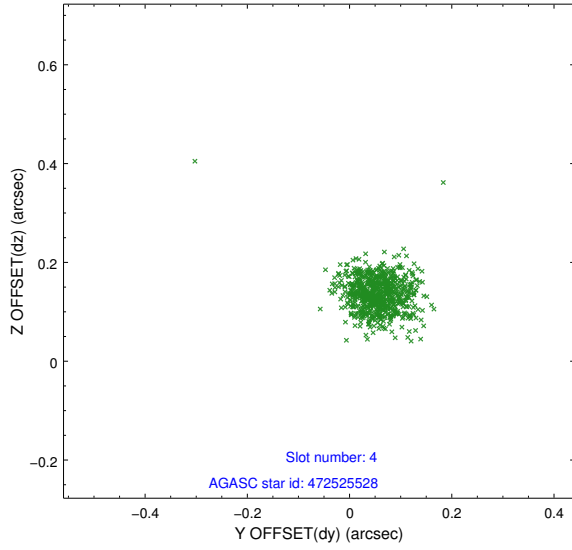
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	728	0.041	-0.004	0.006	0.010	0.000000	0.000000	-755.24	-1286.94
1	FID	HRC-I-3	7.02	728	0.060	-0.047	0.006	0.010	0.000000	0.000000	-1184.85	1015.99
2	FID	HRC-I-4	6.96	728	0.013	-0.039	0.005	0.009	0.000000	0.000000	1285.99	1016.84
3	GUIDE	472525528	6.64	728	-0.083	-0.124	0.064	0.103	331.551102	45.248694	2432.78	37.98
4	GUIDE	472523760	8.24	728	0.055	0.136	0.052	0.086	331.645363	45.403260	1858.86	-143.82
5	GUIDE	472665256	9.00	728	0.008	-0.053	0.064	0.109	332.808125	46.195041	-2208.64	176.75
6	GUIDE	472659832	9.46	727	-0.001	0.036	0.081	0.129	332.780399	46.098139	-1907.39	357.03
7	GUIDE	472655152	9.43	726	0.011	0.006	0.088	0.145	332.504239	45.862991	-815.12	400.00

2.4 Star Slots

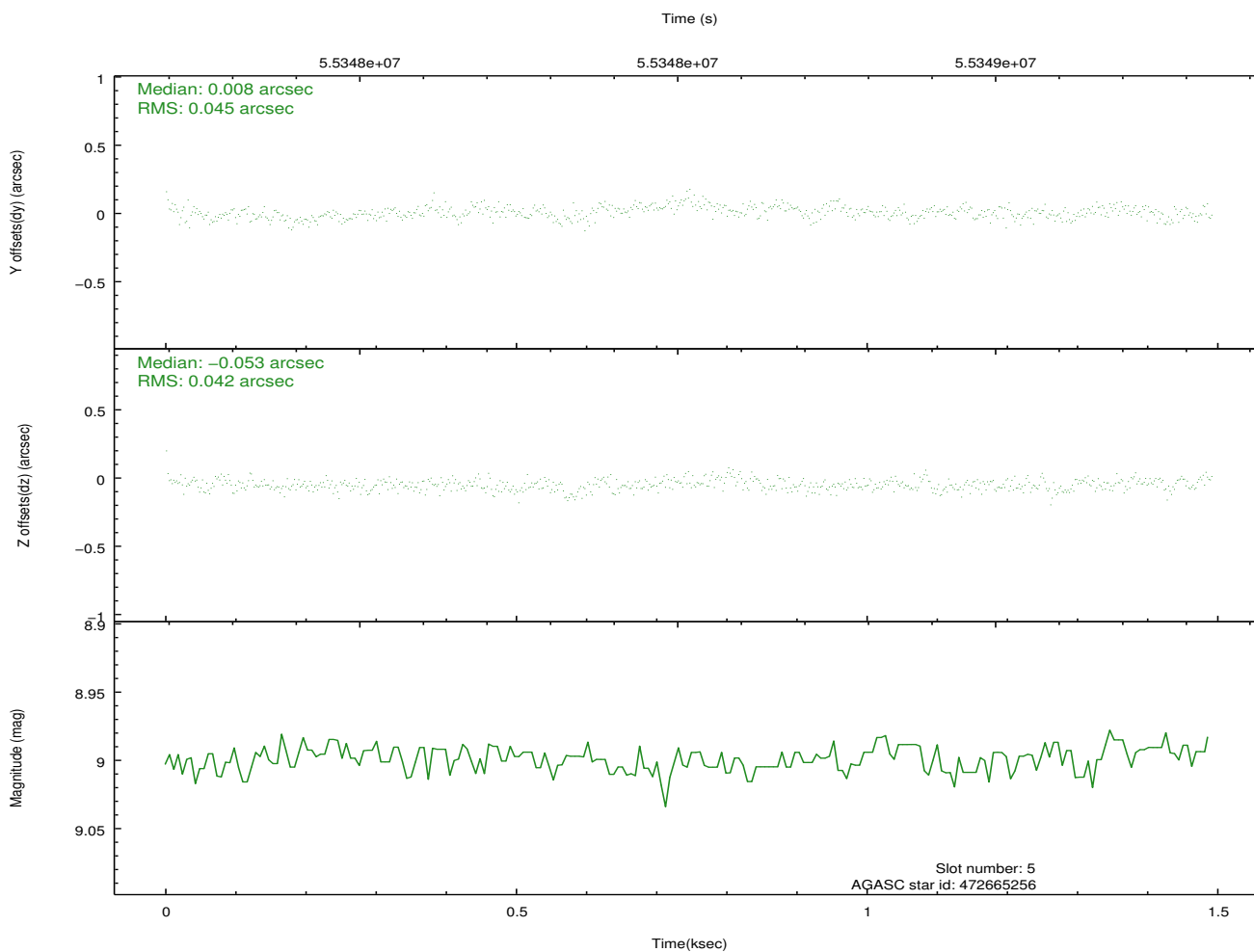
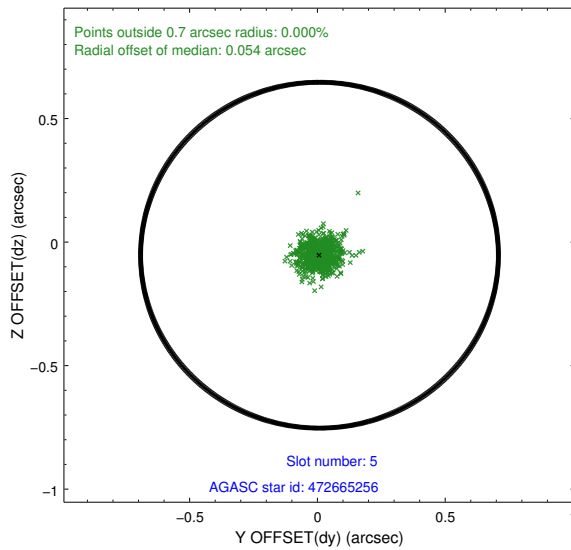
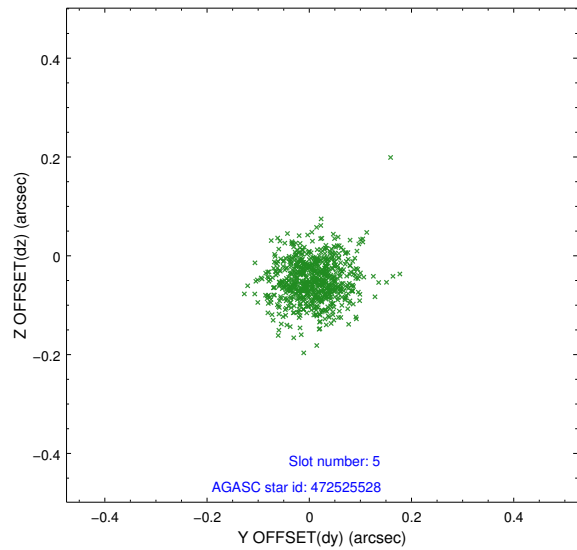
2.4.1 Slot 3



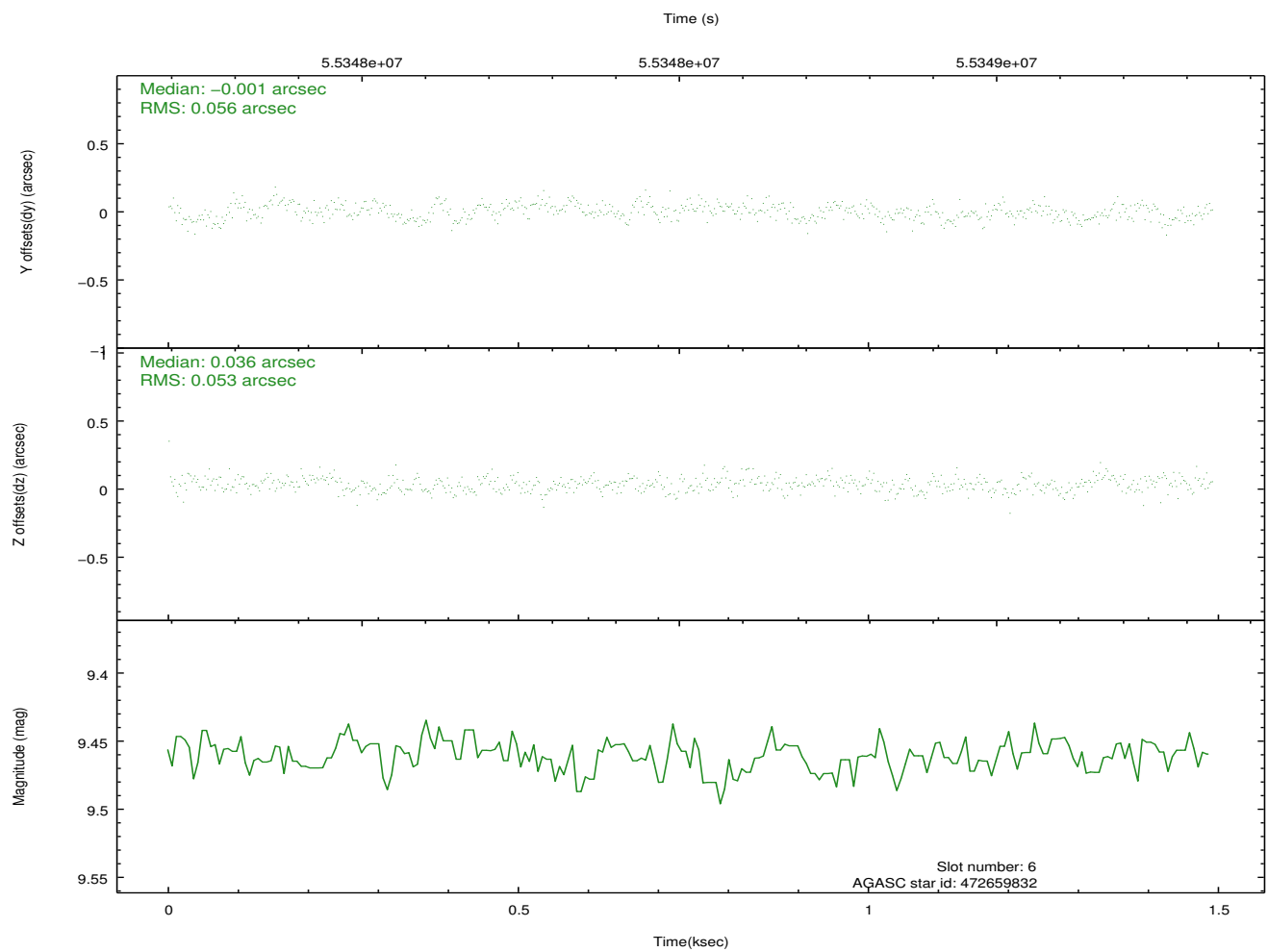
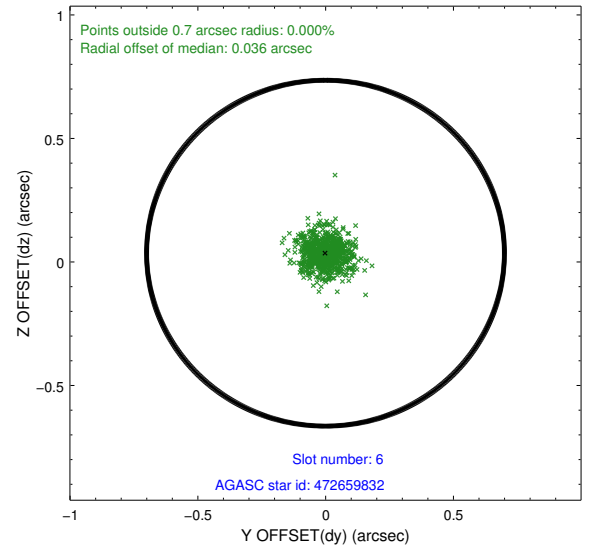
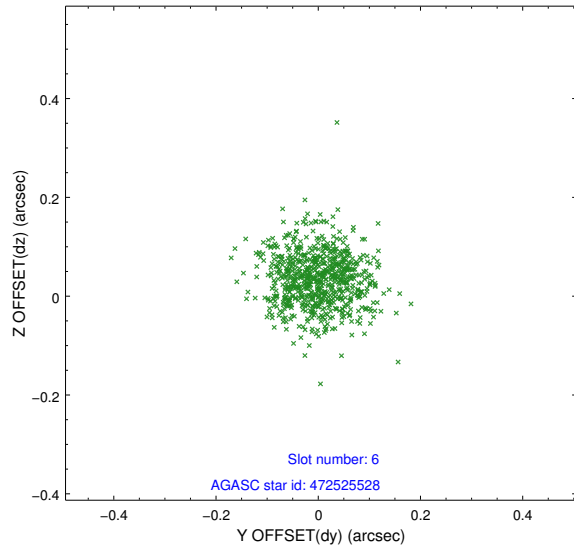
2.4.2 Slot 4



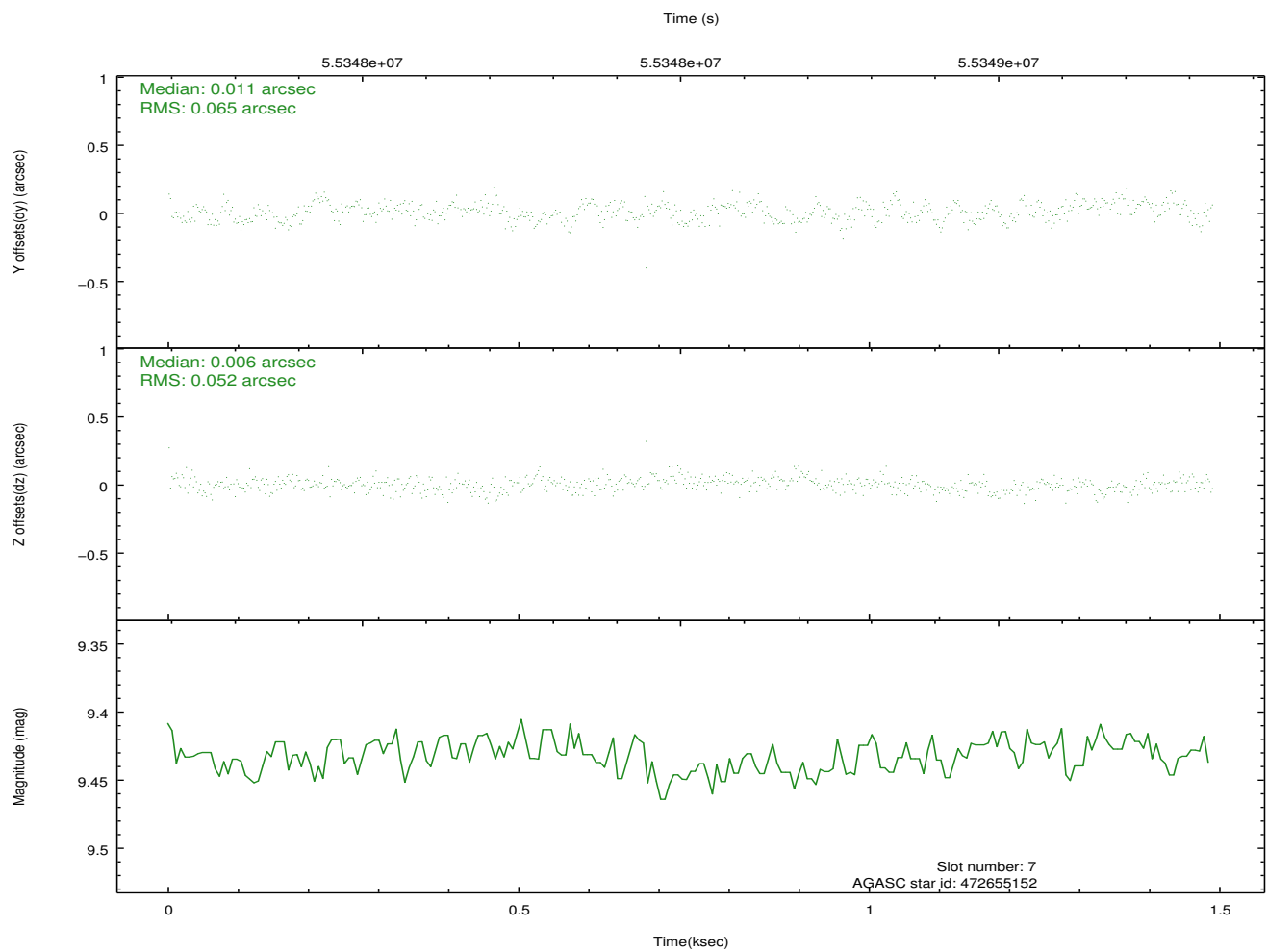
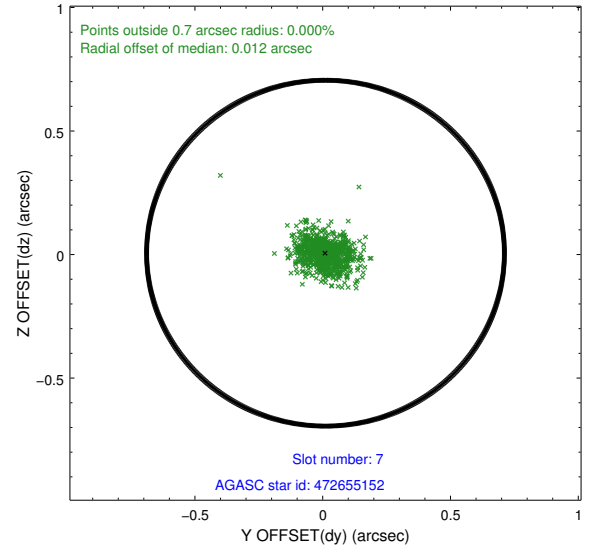
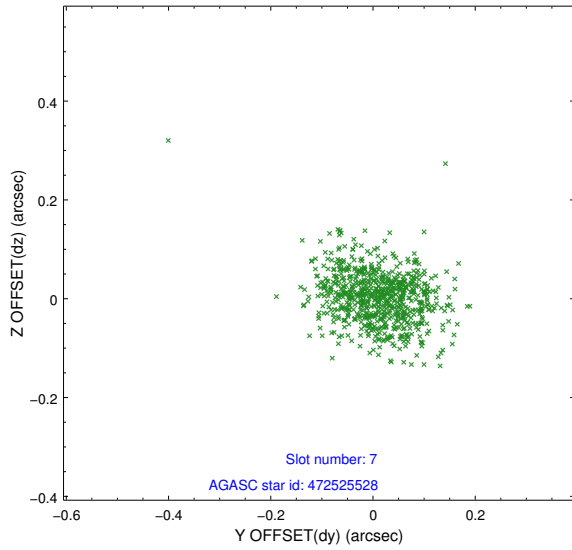
2.4.3 Slot 5



2.4.4 Slot 6

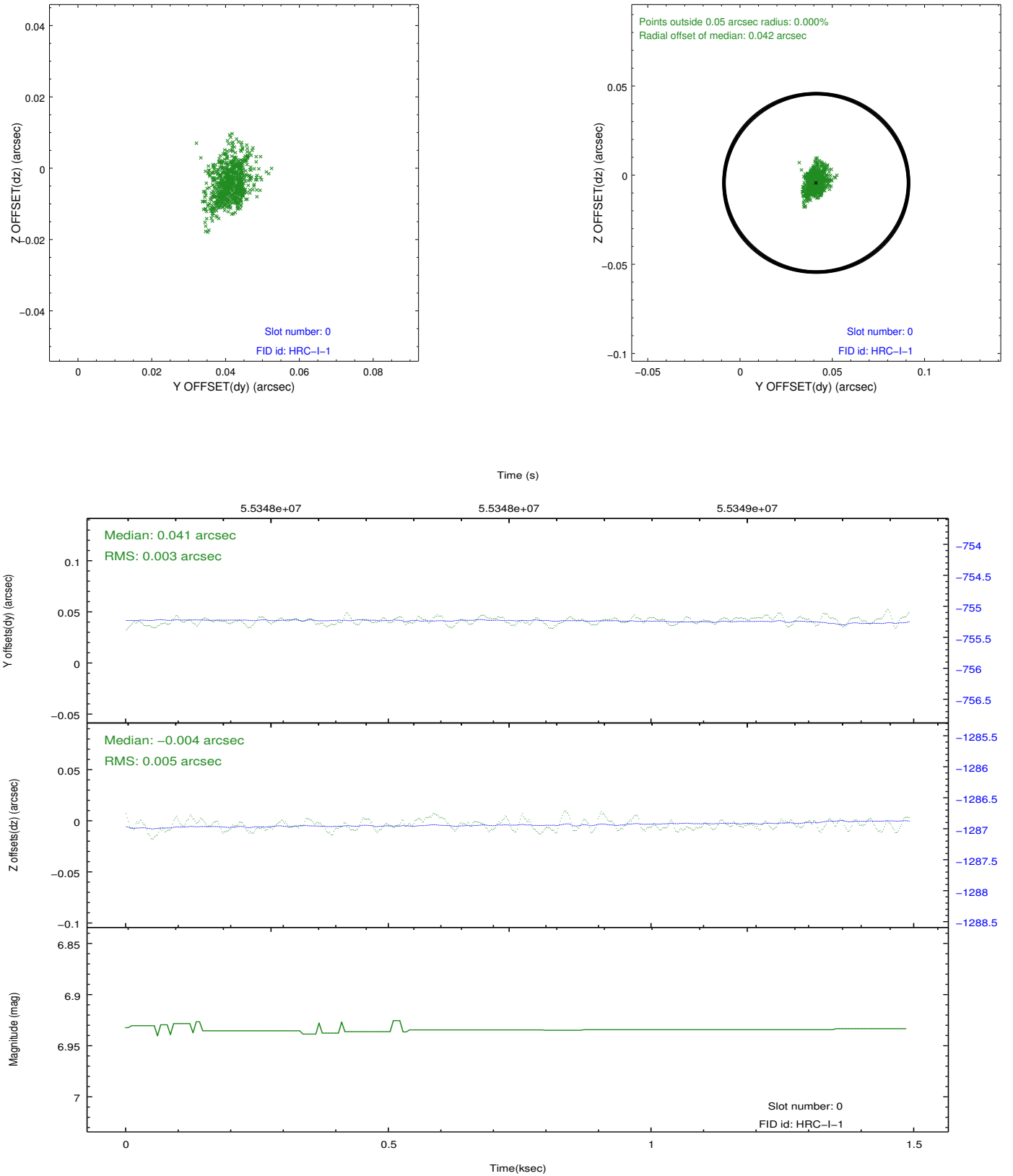


2.4.5 Slot 7

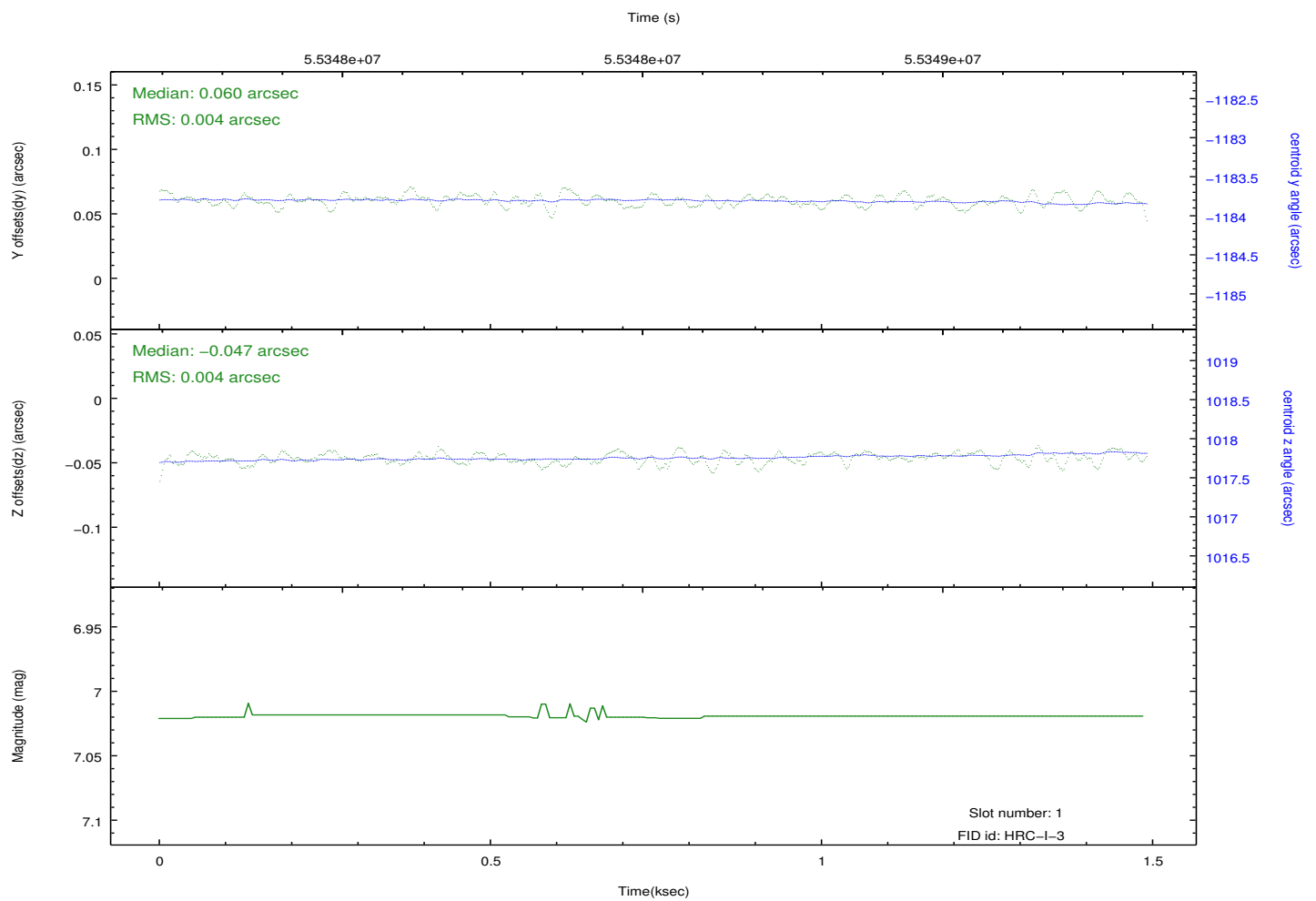
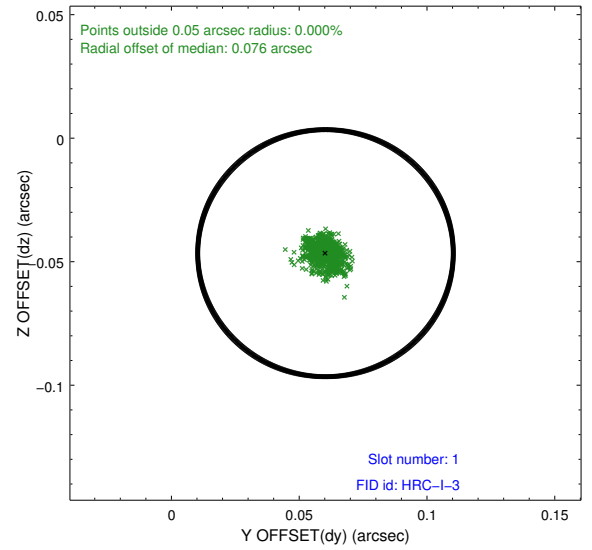
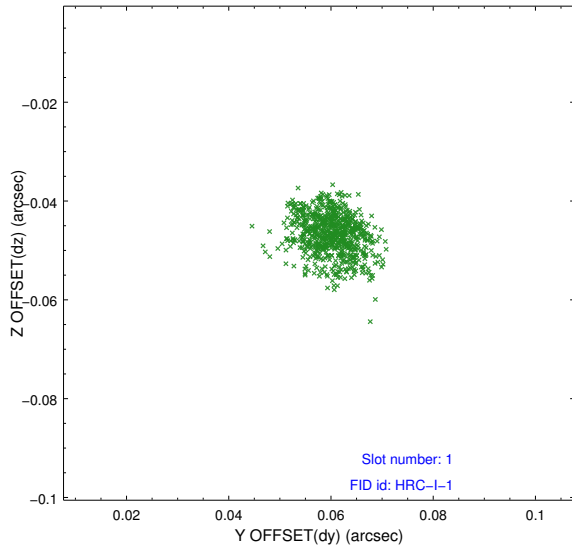


2.5 FID Slots

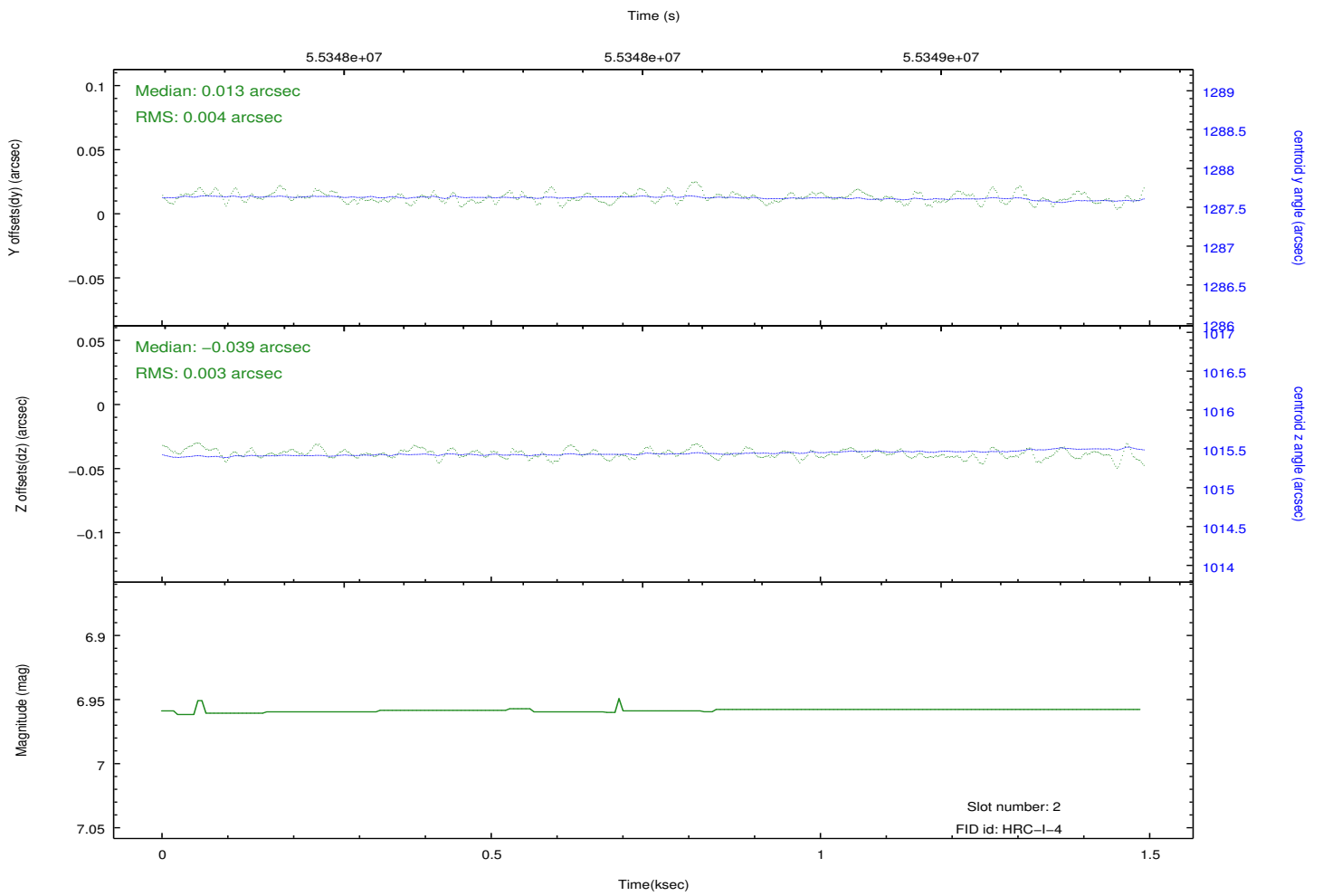
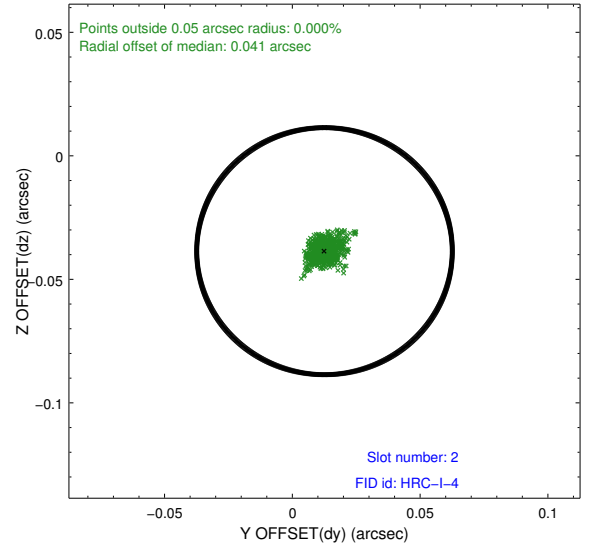
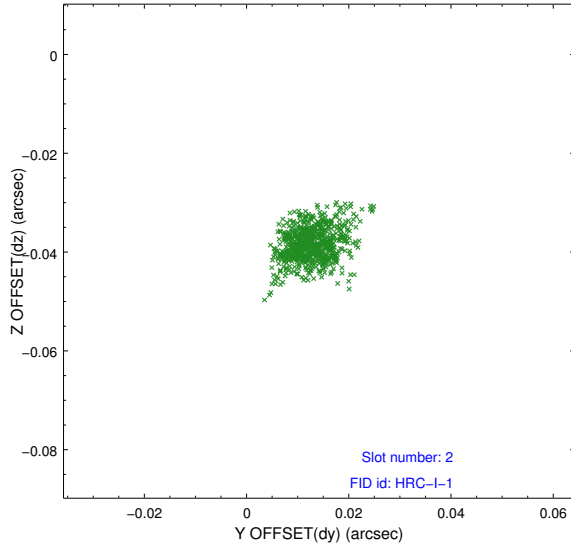
2.5.1 Slot 0



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)	2010.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.772

A.2 Comments

The value for keyword IMHBLV is about 87 starting 0.36 ksec into the observation until the end. This is apparently a value in the red zone. The value for keyword IMHVLV is about 81 starting 0.36 ksec into the observation until the end. This is apparently a value in the red zone.

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Charge time for this ObsId remains at original value of 0.772 ks, although with the current processing the charge time would have been 0.774 ksec.