

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2432 - L2 Version 5
Chandra X-Ray Center

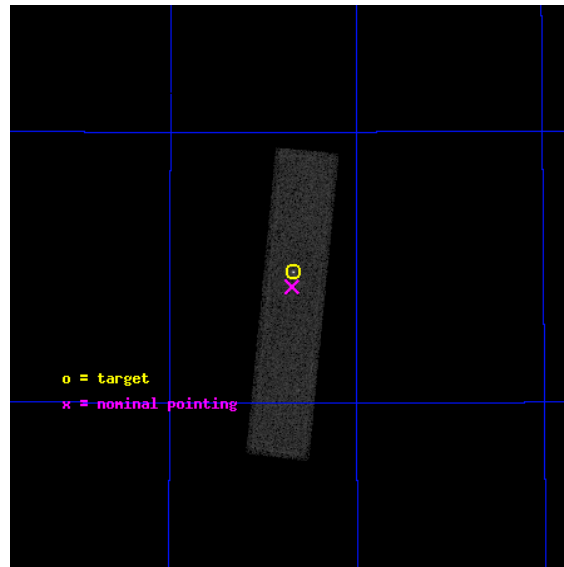
L2 Processing Date : Sep 18 2012

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1 Front

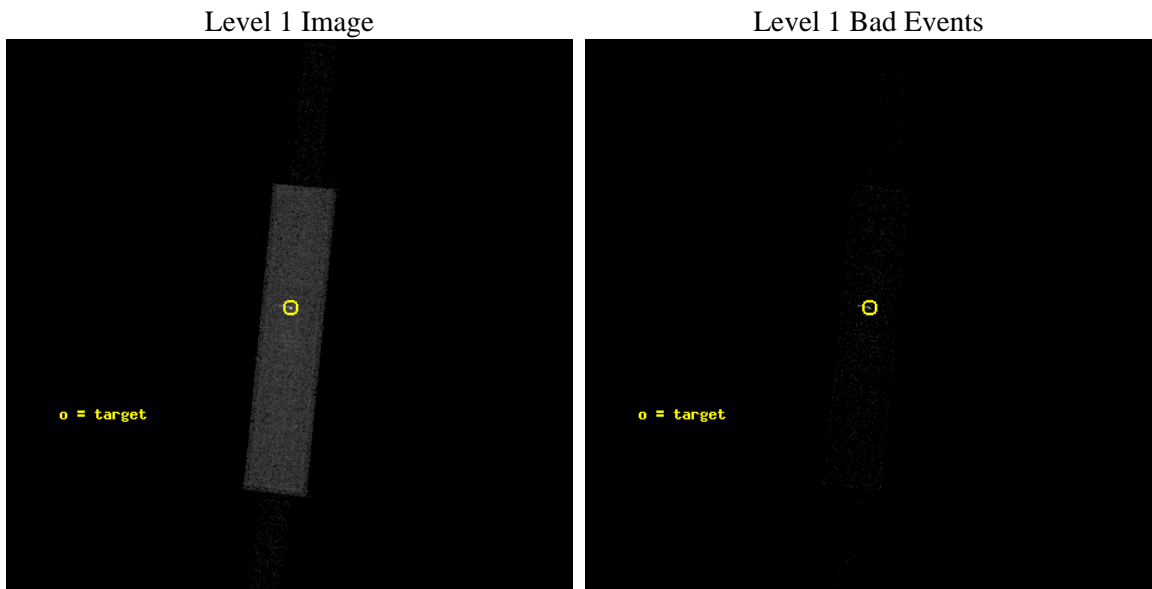
seq_num	290078	Sequence number
obs_id	2432	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17376573901	Nominal RA [deg]
dec_nom	45.714866883457	Nominal Dec [deg]
roll_nom	95.610290725322	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1376.8313035071	[s]
livetime	1369.1140846367	Ontime multiplied by DTCOR
l2events	54195	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	1234.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1376.8313035071	[s]
caldsver	4.5.1.1	 	l1events	83543	Number of level 1 events
date	2012-09-18T22:54:11	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

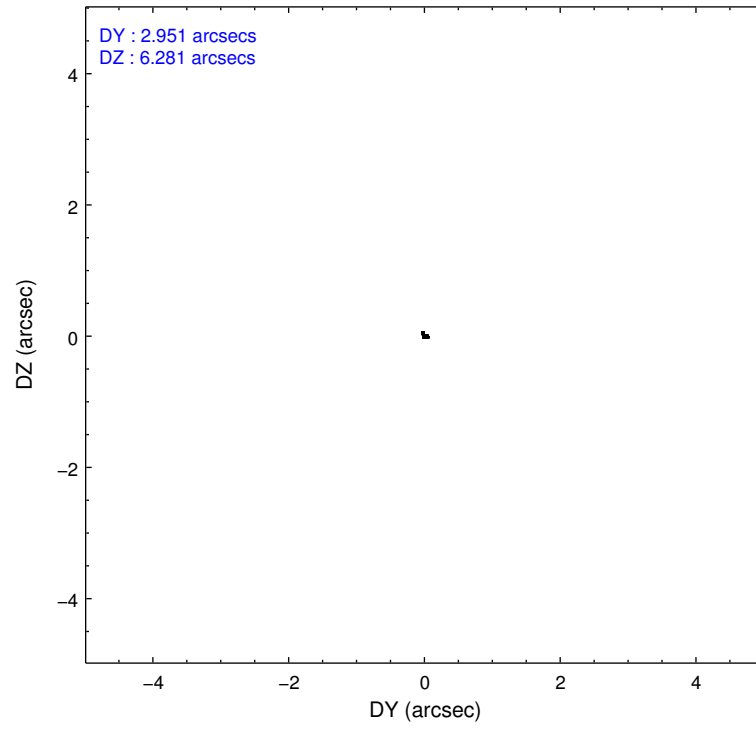
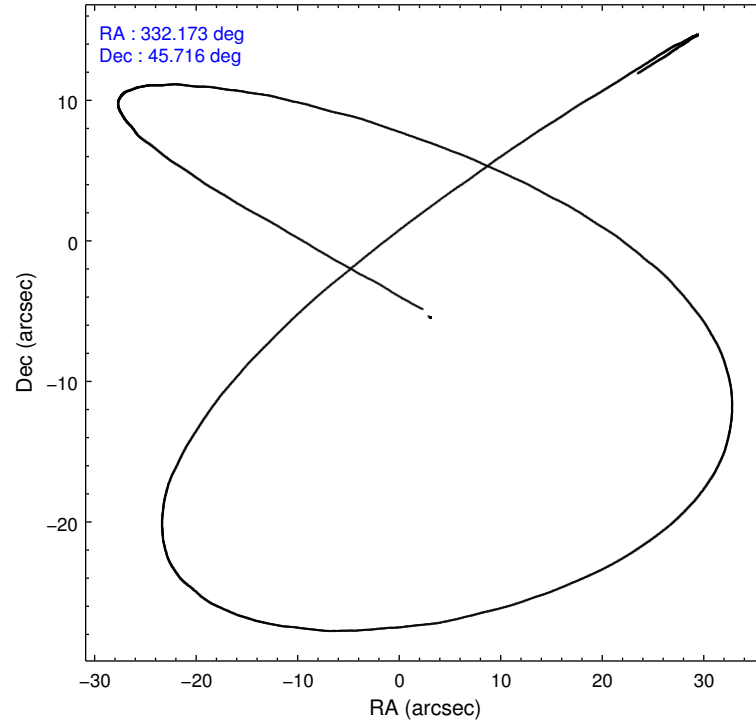
Level 1 Events

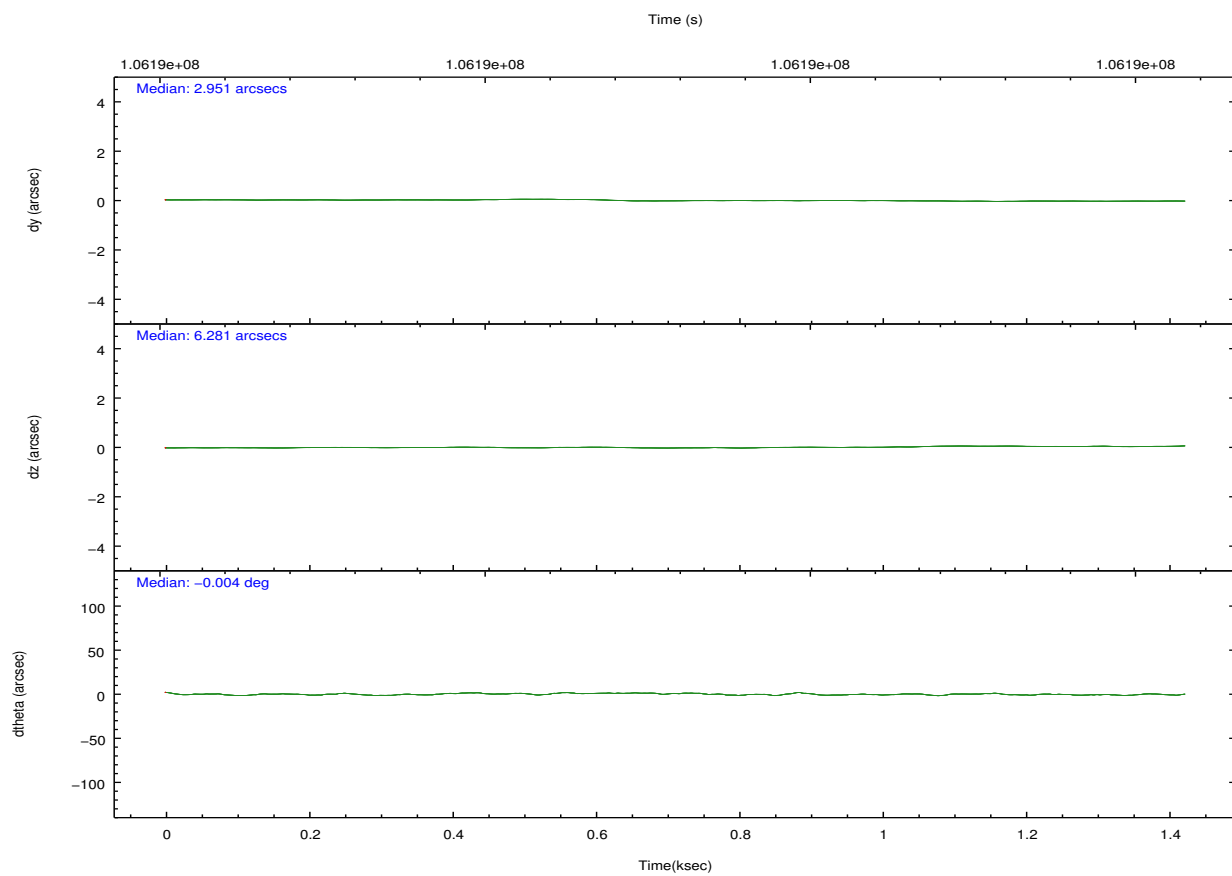
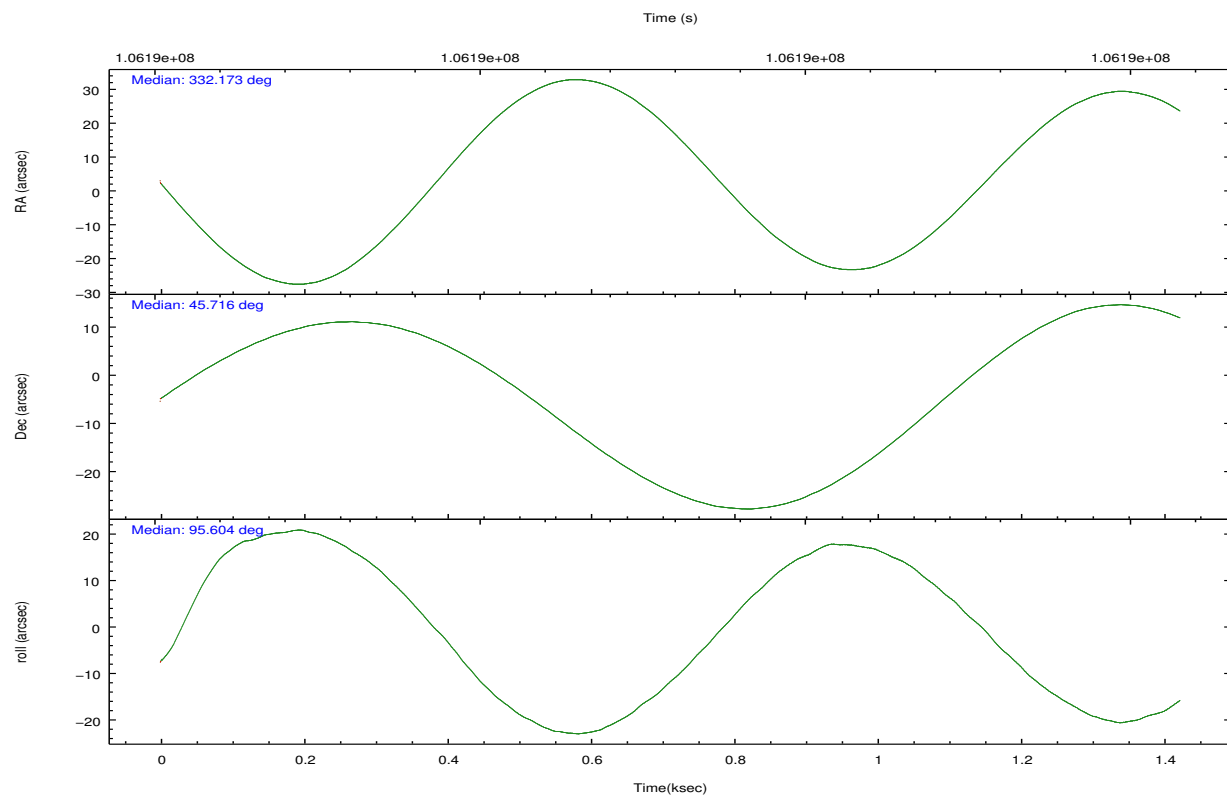
	segment 1	segment 2	segment 3
level 1 events	1033	81449	1061
rejected events	1033	15413	1061
rejected %	100%	18%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.199606	332.1737657390051			
[deg] Pointing Dec	45.691386	45.71486688345659			
[deg] Pointing Roll	95.524476	95.61029072532206			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	106188267.184000	106187890.68269			
Observation start date	2001-05-14T00:43:23	2001-05-14T00:38:10			
[s] Observation end time (MET)	106189501.184000	106189634.72025			
Observation end date	2001-05-14T01:03:57	2001-05-14T01:07:14			

2.3 Aspect



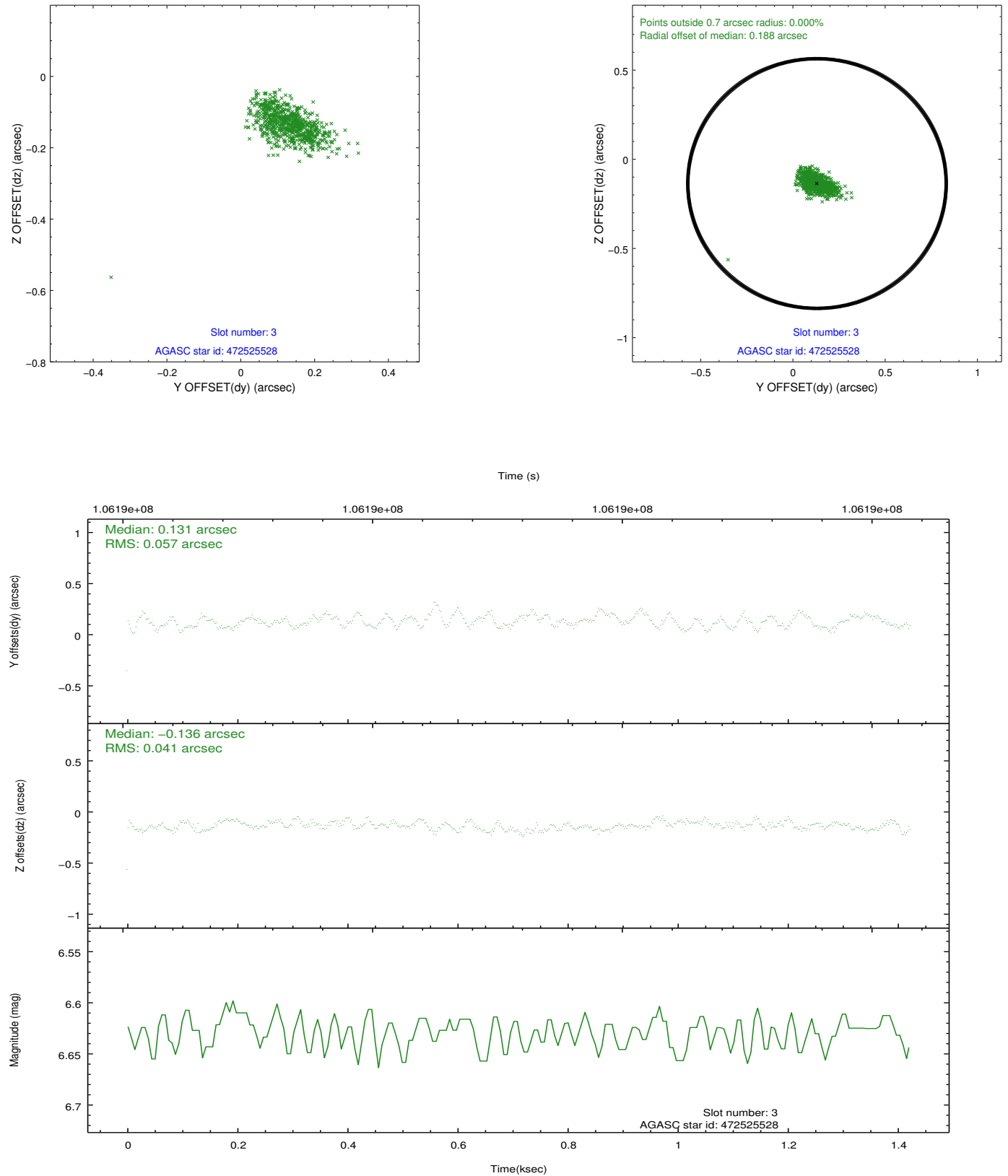


Slot Statistics

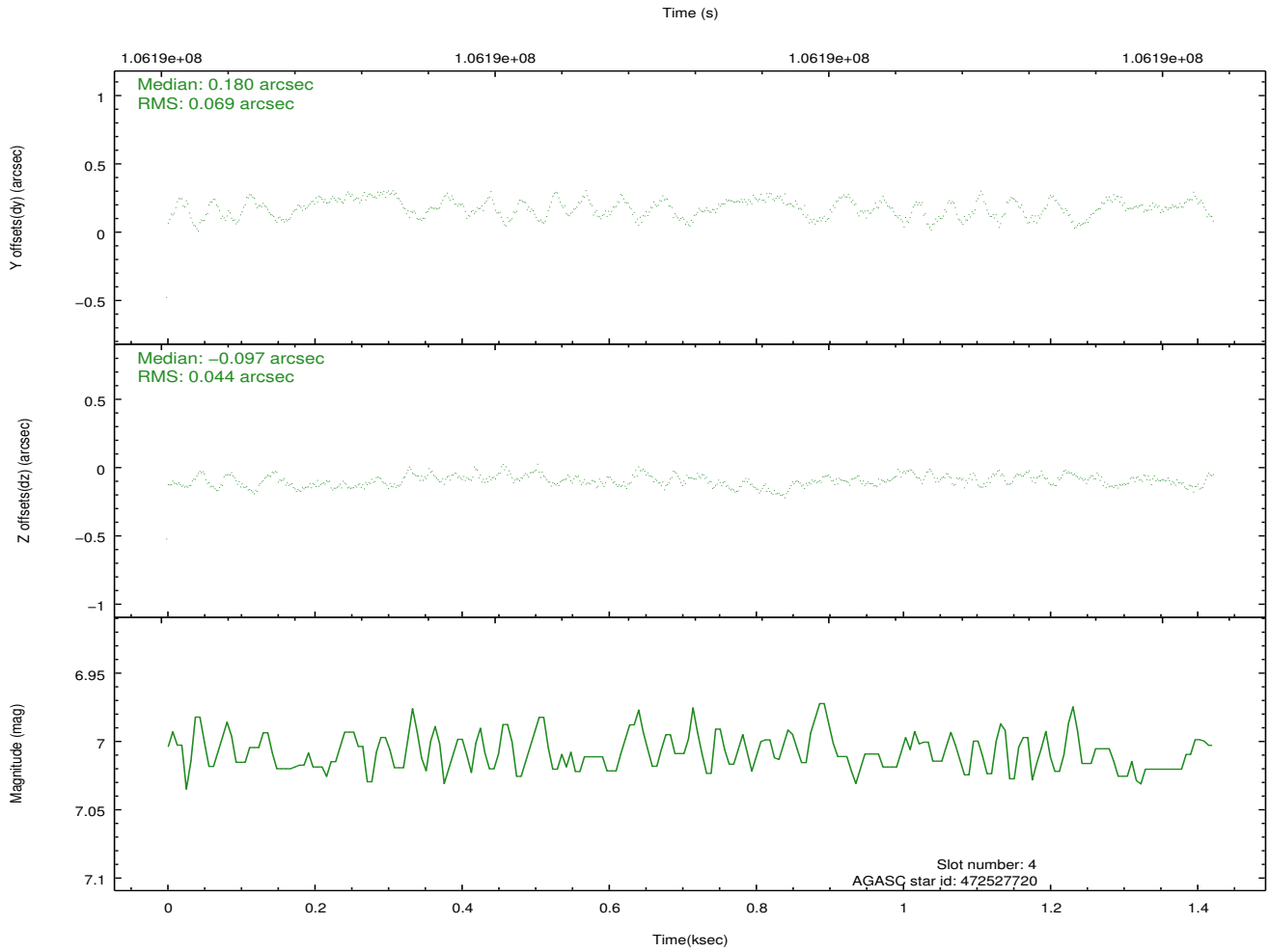
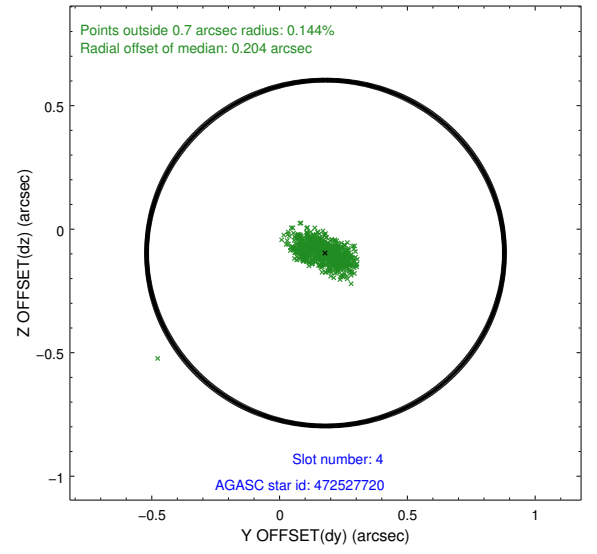
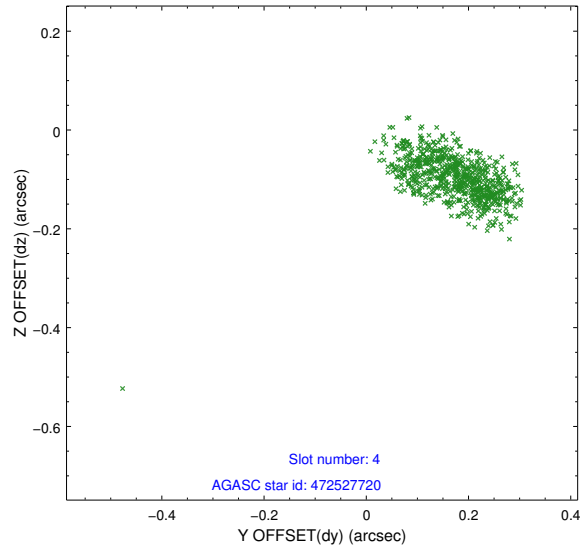
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	348	0.142	-0.105	0.005	0.007	0.000000	0.000000	-1156.98	-454.81
1	FID	HRC-S-2	6.98	348	0.118	-0.135	0.011	0.018	0.000000	0.000000	1239.35	-448.76
2	FID	HRC-S-4	6.93	348	0.142	-0.064	0.009	0.016	0.000000	0.000000	1244.82	576.06
3	GUIDE	472525528	6.63	695	0.131	-0.136	0.071	0.114	331.551102	45.248694	-1425.61	1787.37
4	GUIDE	472527720	7.01	695	0.180	-0.097	0.083	0.129	331.460205	45.112509	-1891.06	2070.75
5	GUIDE	472535576	7.85	695	-0.209	-0.048	0.052	0.085	331.438373	46.291802	2335.62	1677.96
6	GUIDE	472523760	8.24	695	0.063	0.039	0.055	0.091	331.645363	45.403260	-893.57	1495.01
7	GUIDE	472665256	9.00	694	-0.169	0.249	0.081	0.164	332.808125	46.195041	1659.23	-1683.11

2.4 Star Slots

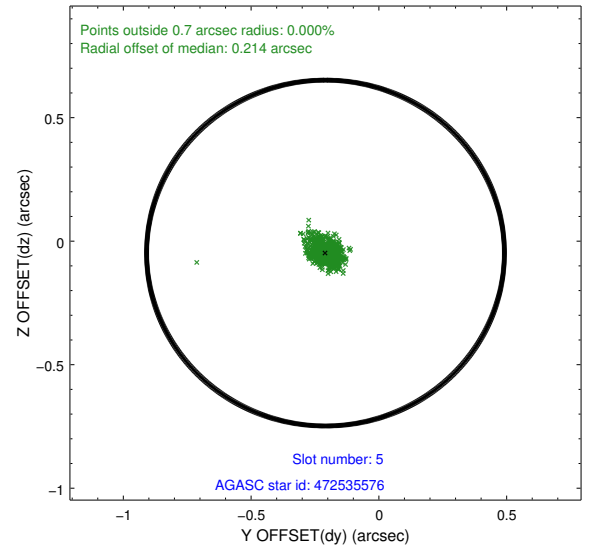
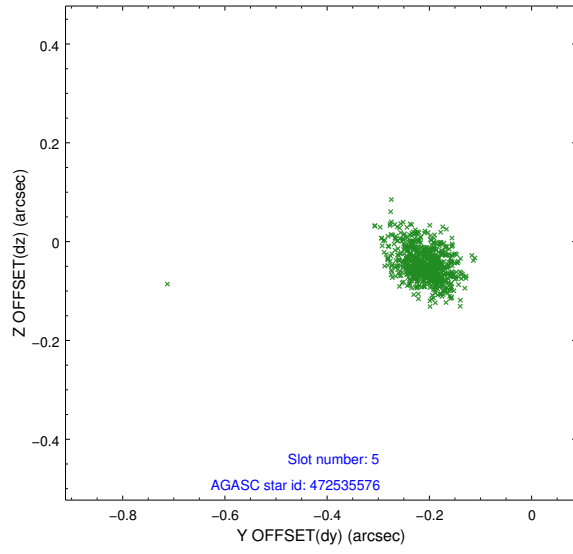
2.4.1 Slot 3



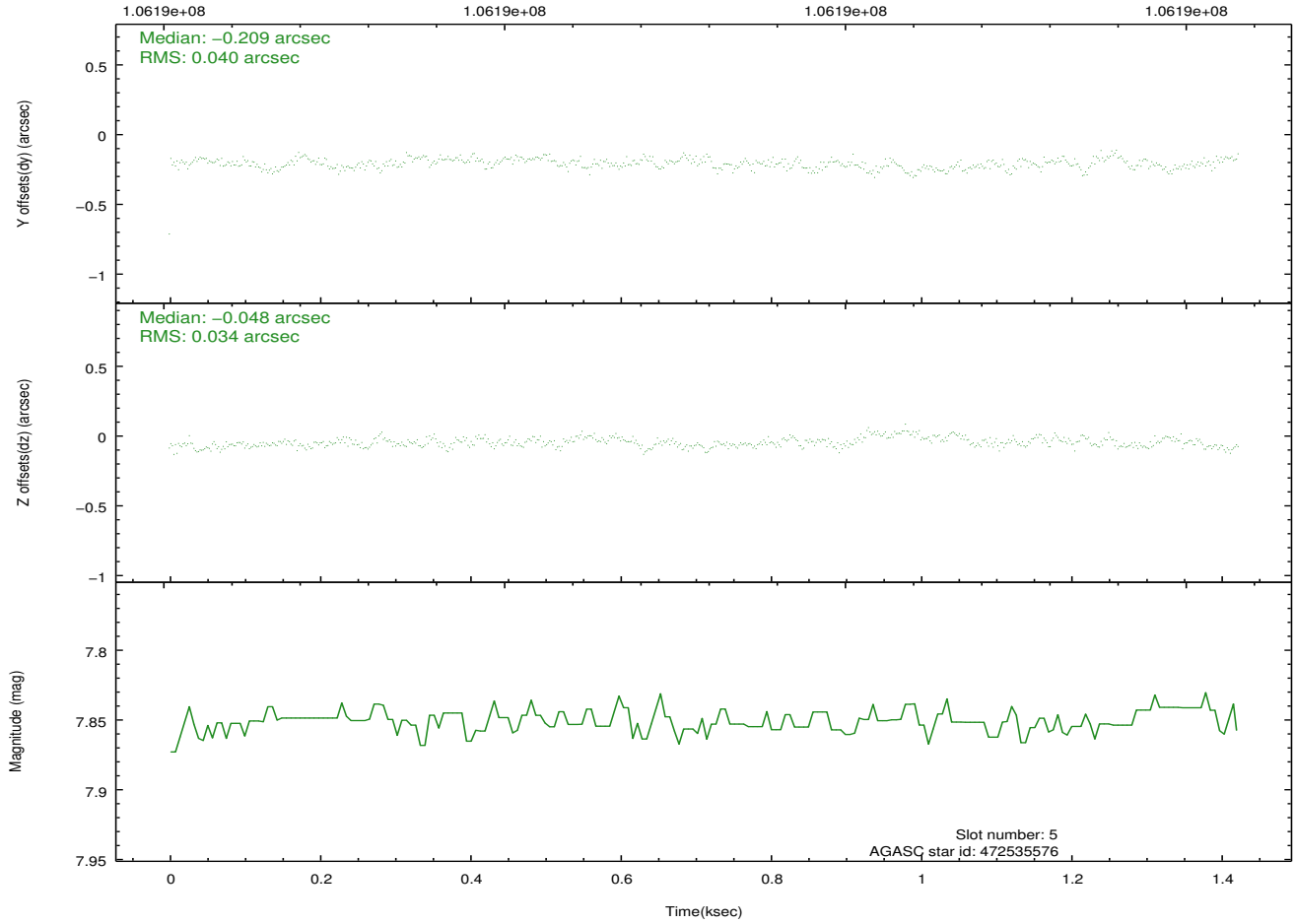
2.4.2 Slot 4



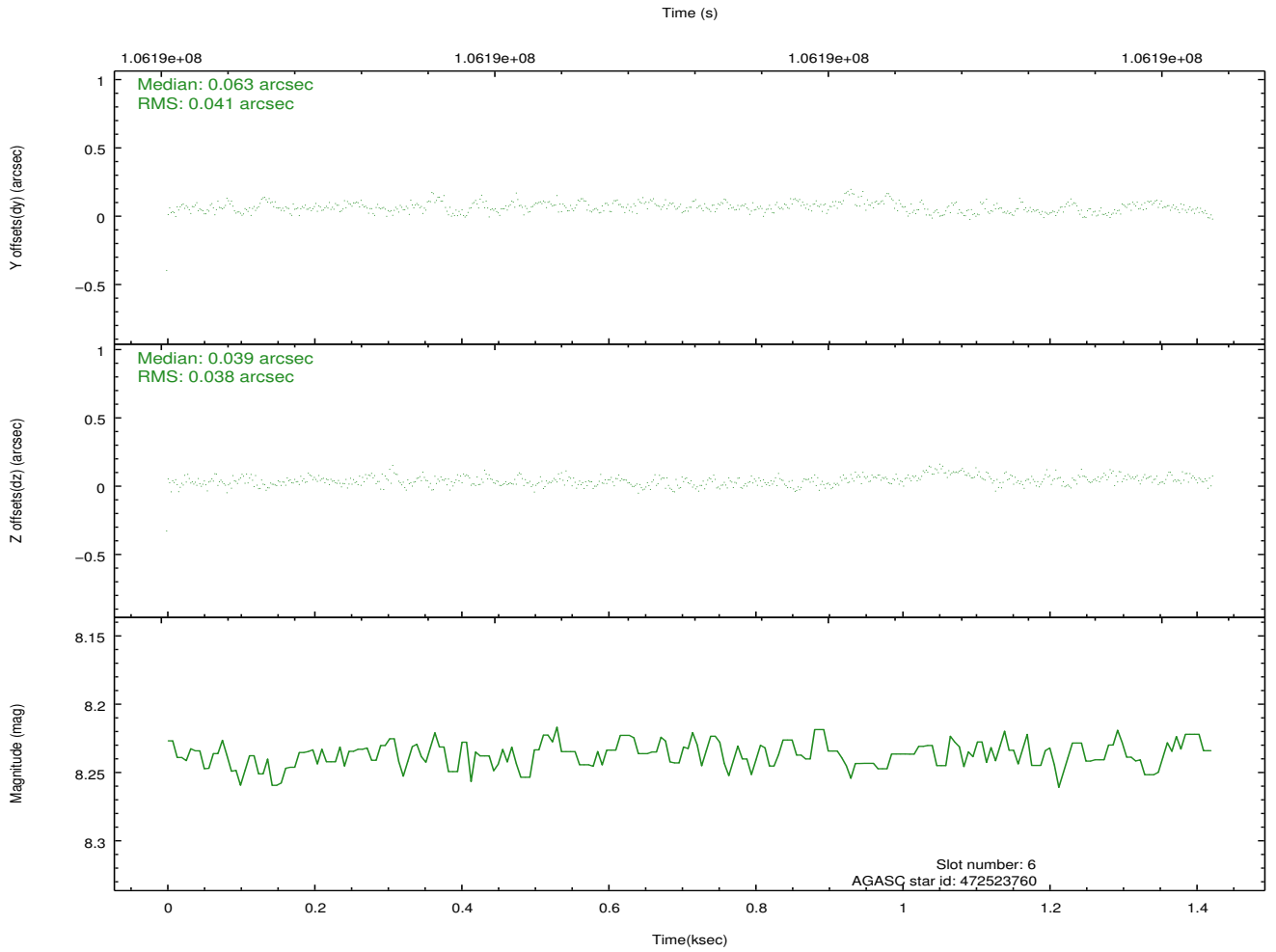
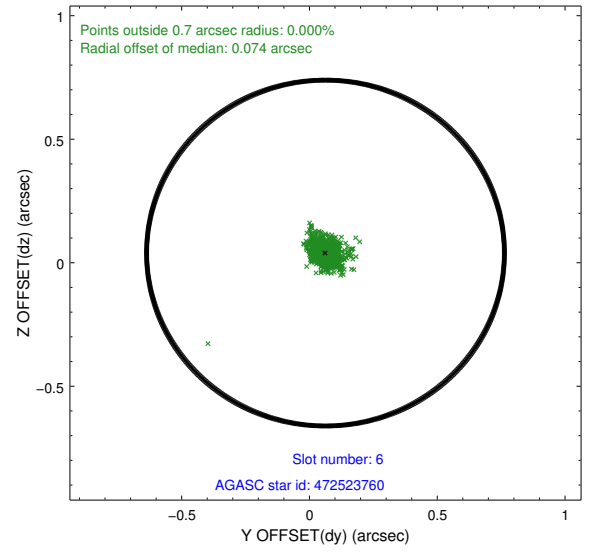
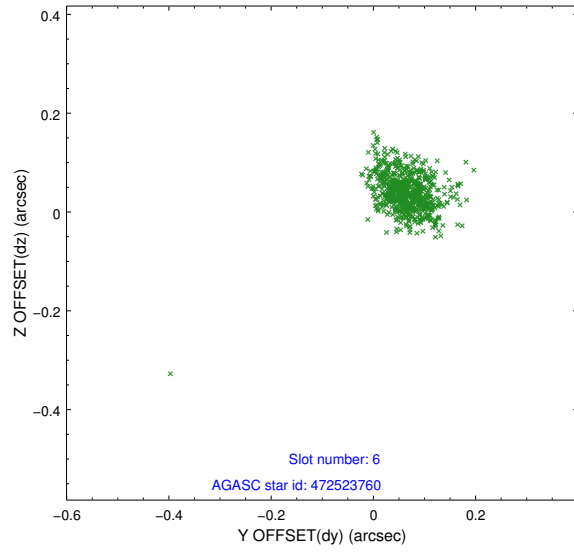
2.4.3 Slot 5



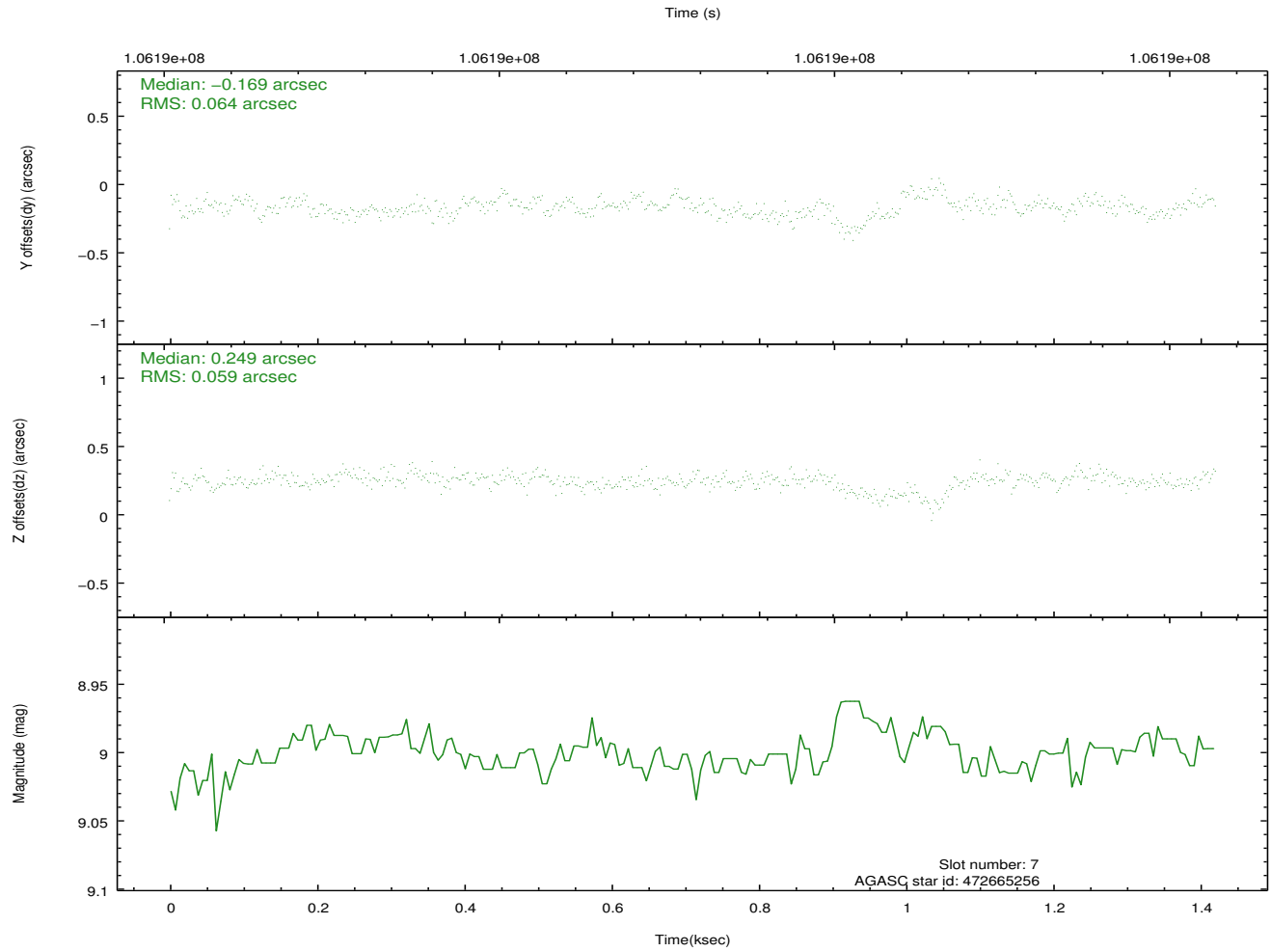
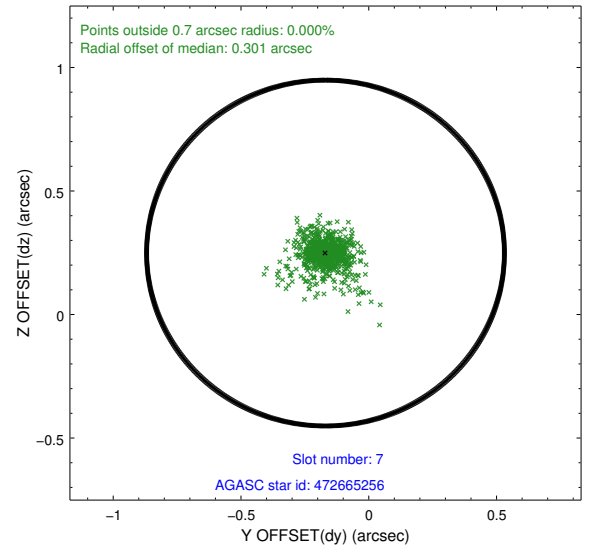
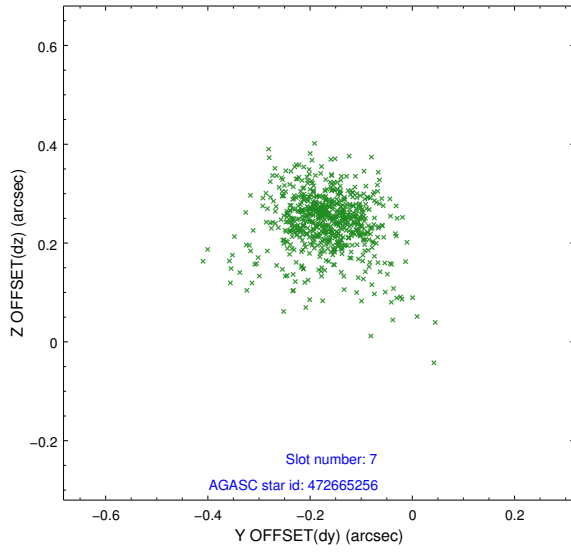
Time (s)



2.4.4 Slot 6

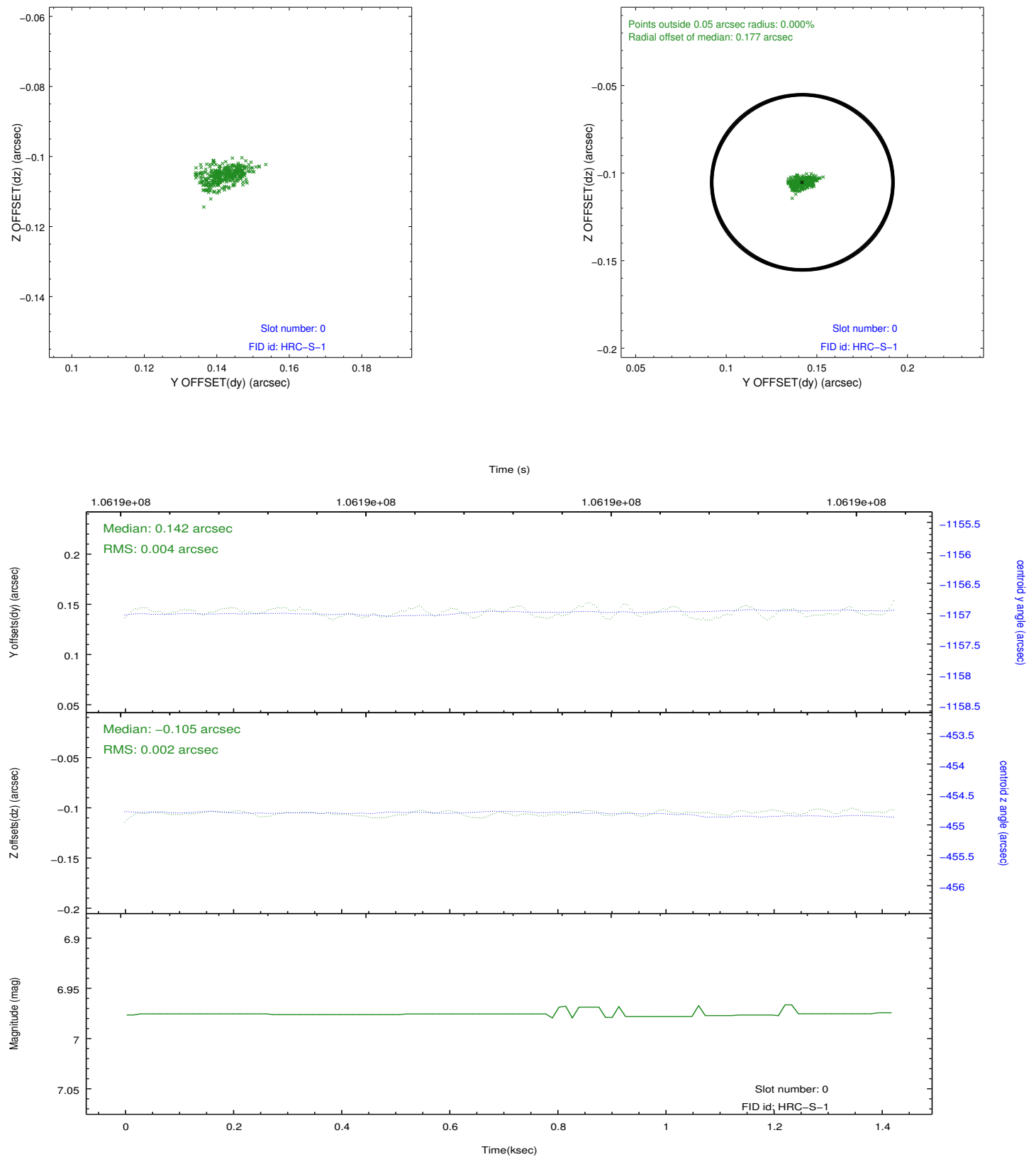


2.4.5 Slot 7

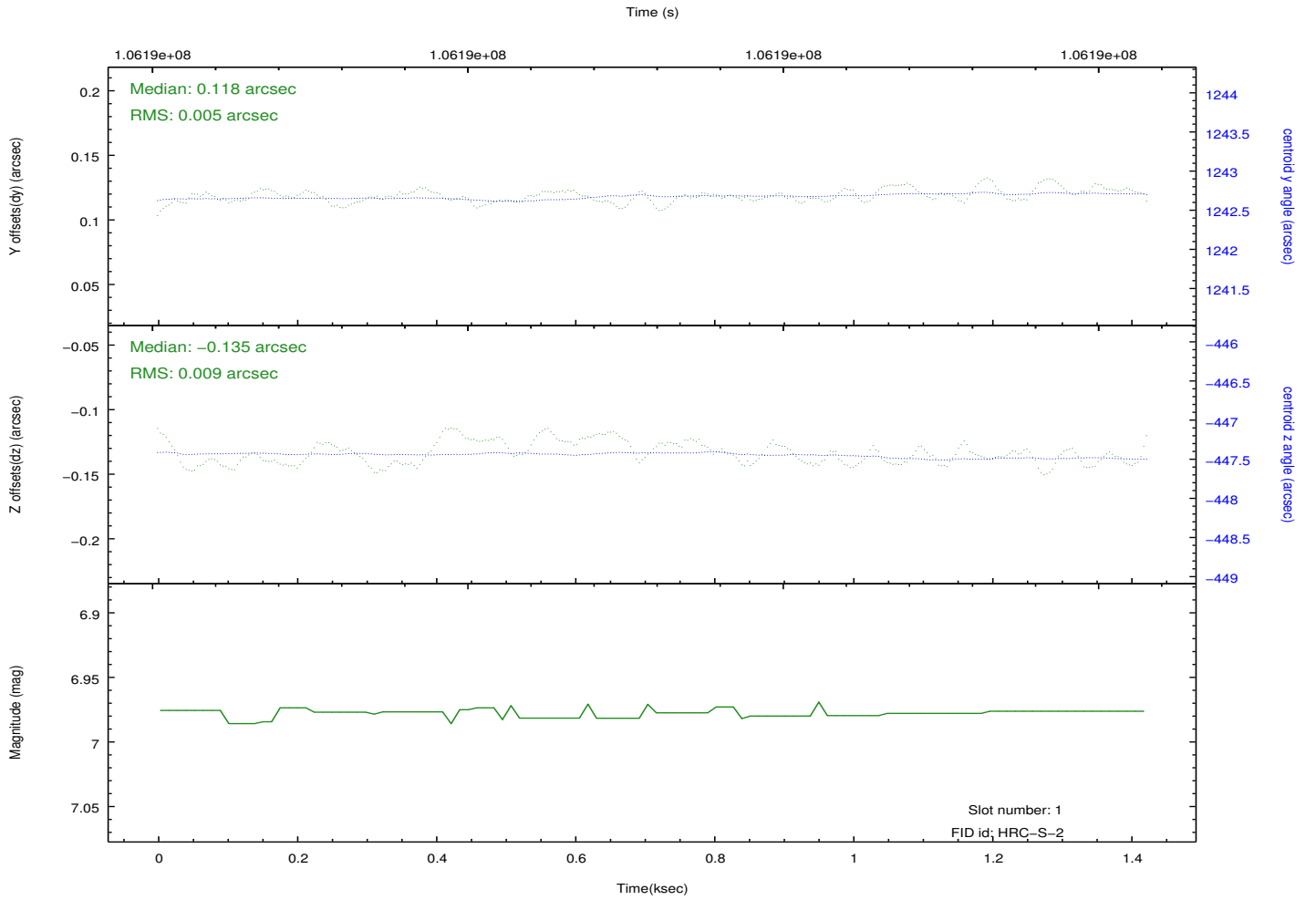
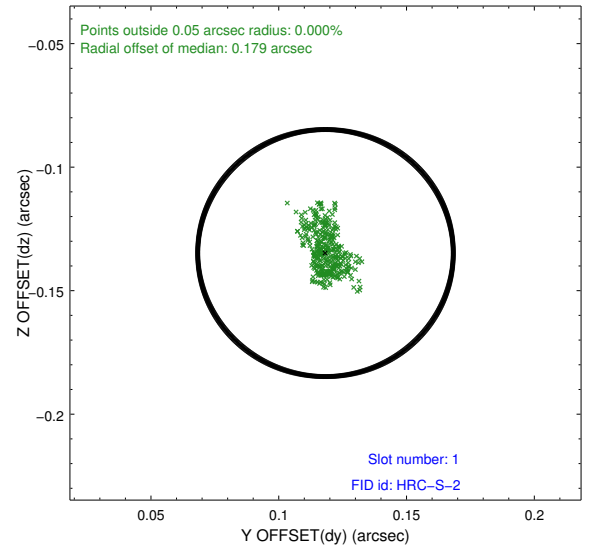
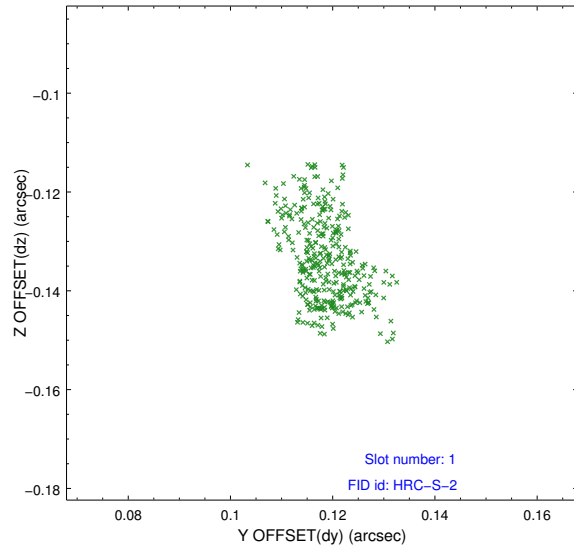


2.5 FID Slots

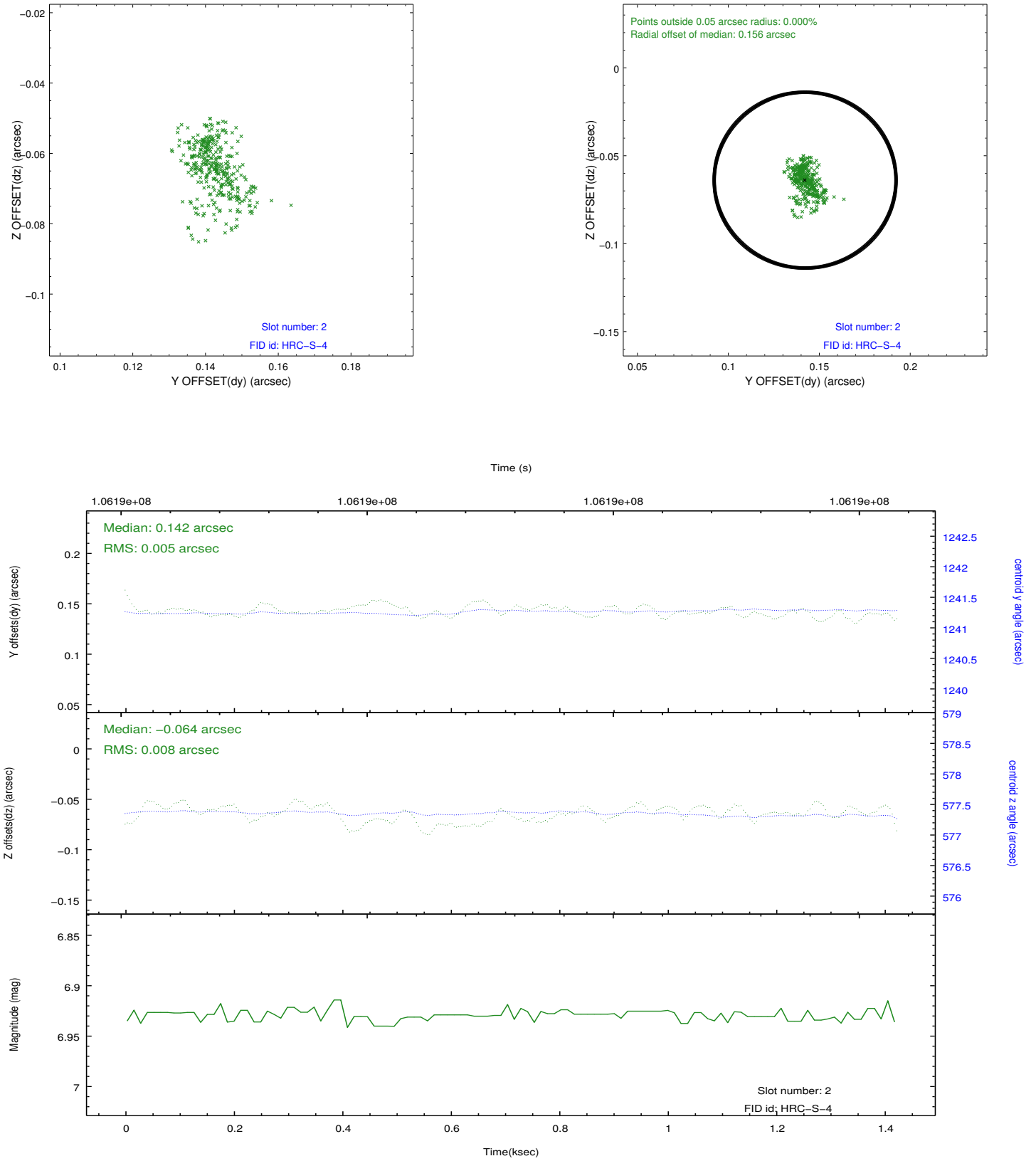
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.415

A.2 Comments

Charge time for this ObsId remains at previous value of 1.415 ks although with the current processing the charge time would have been 1.38 ksec.