

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 18347 - L2 Version 1
Chandra X-Ray Center

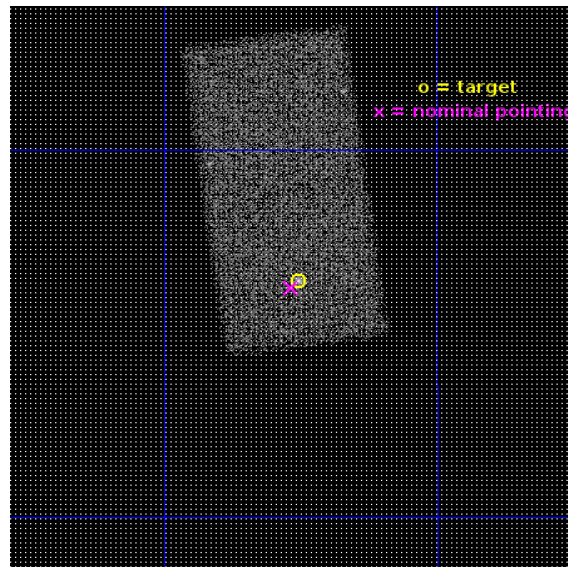
L2 Processing Date : Aug 4 2017

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1 Front

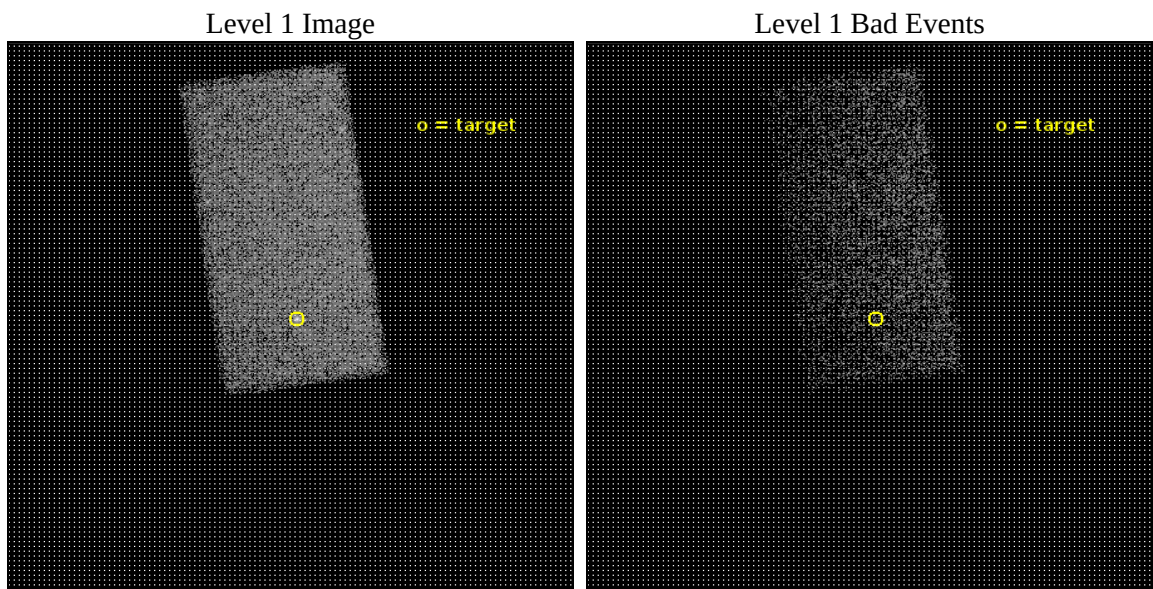
seq_num	703279	Sequence number
obs_id	18347	Observation id
title	Long-Term Multi-wavelength Monitoring of a Stellar Tidal Disruption at Only 90 Mpc	Proposal title
observer	Walter Maksym	Principal investigator
object	ASASSN-14li	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.063333	Observer's specified target RA [deg]
dec_targ	17.774028	Observer's specified target Dec [deg]
ra_nom	192.06655700544	Nominal RA [deg]
dec_nom	17.77086002045	Nominal Dec [deg]
roll_nom	262.15565197452	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15075.0	Sum of GTIs [s]
livetime	14673.5321601	Livetime [s]
ontime7	15075.0	Sum of GTIs [s]
l2events	30482	Number of level 2 events



2 OBI

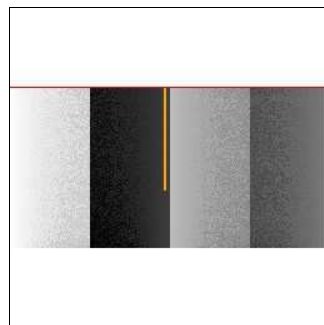
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	15000.000000	[s] Scheduled observation exposure time
ascdsver	10.6	Processing system revision	ontime	15075.0	Sum of GTIs [s]
caldsver	4.7.5	 	ontime7	15075.0	Sum of GTIs [s]
date	2017-08-04T13:31:51	Date and time of file creation	l1events	65904	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

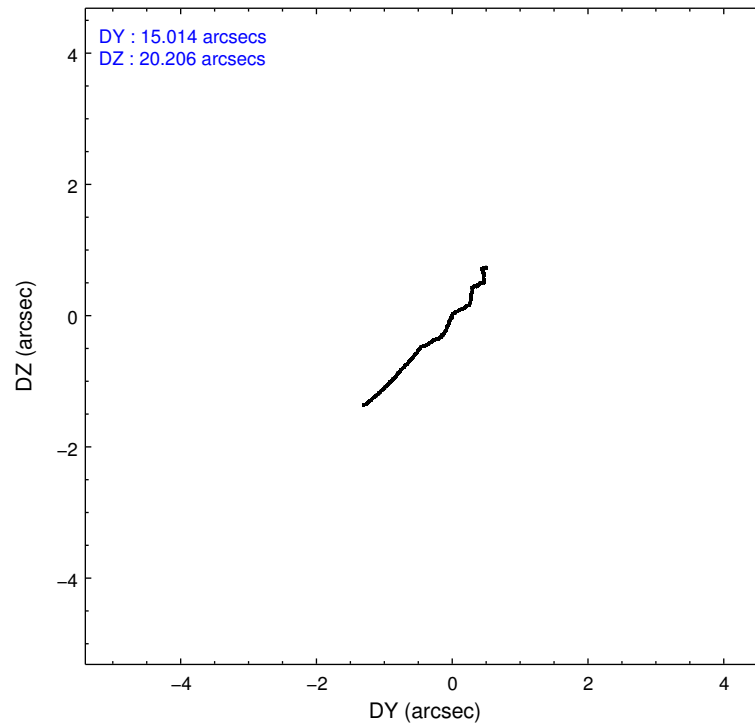
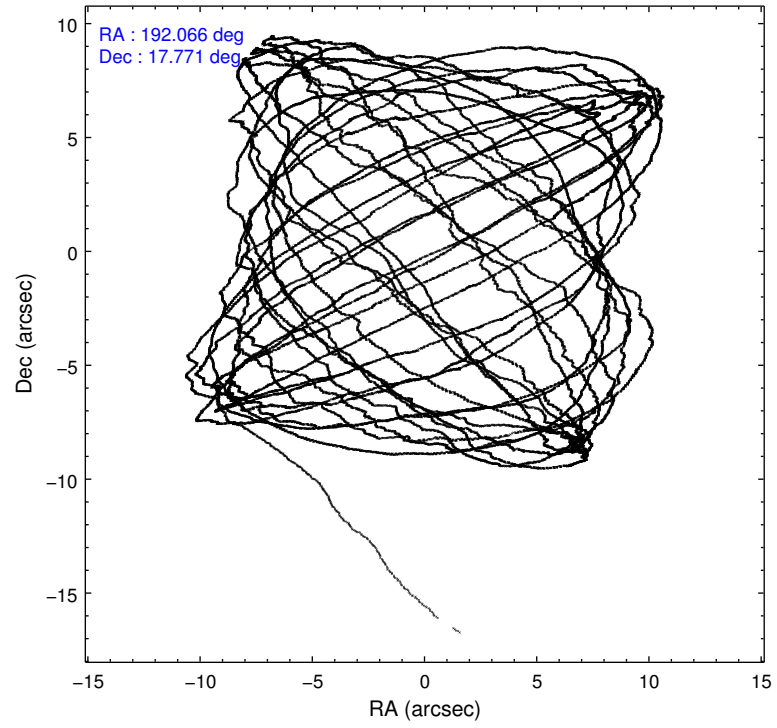
	ccd 7
level 1 events	65904
rejected events	34625
rejected %	52%

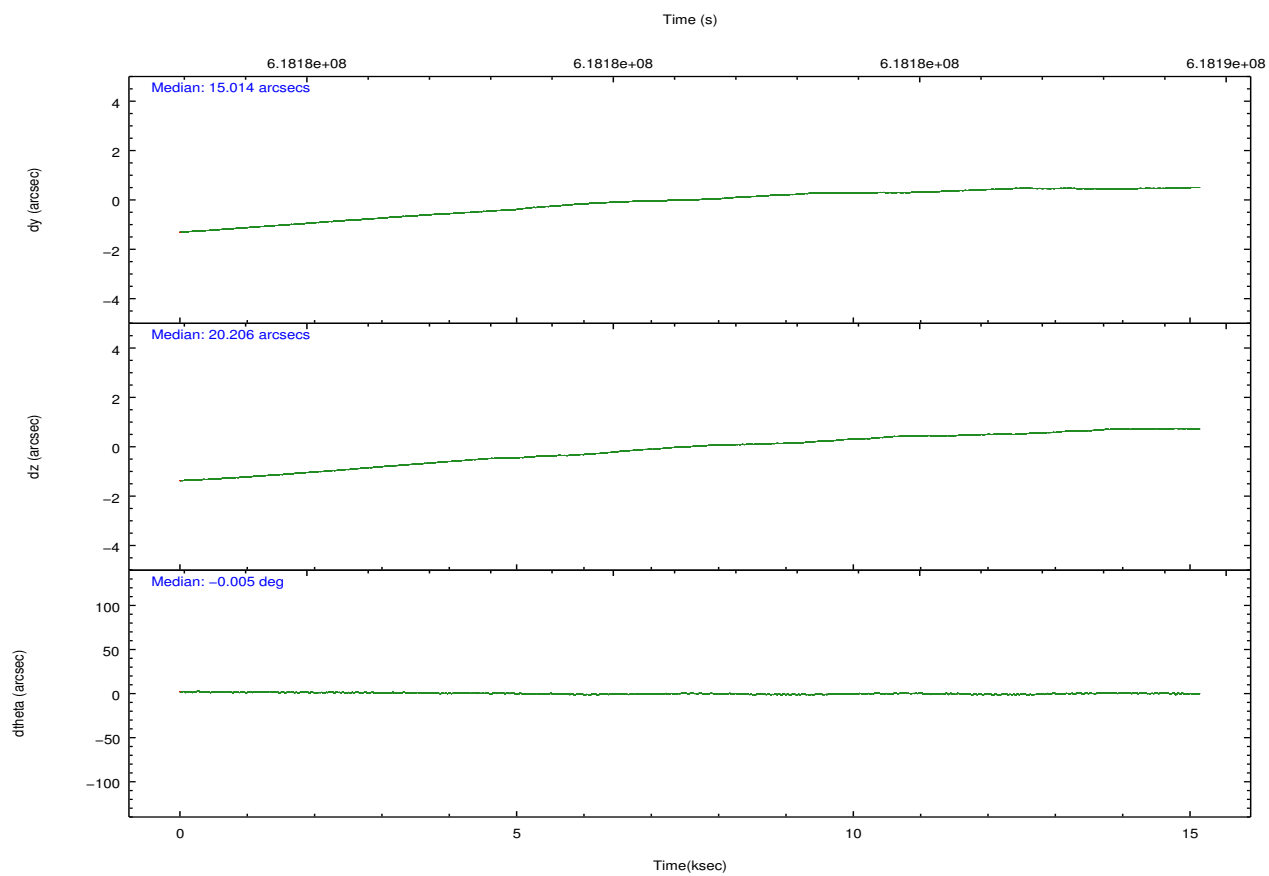
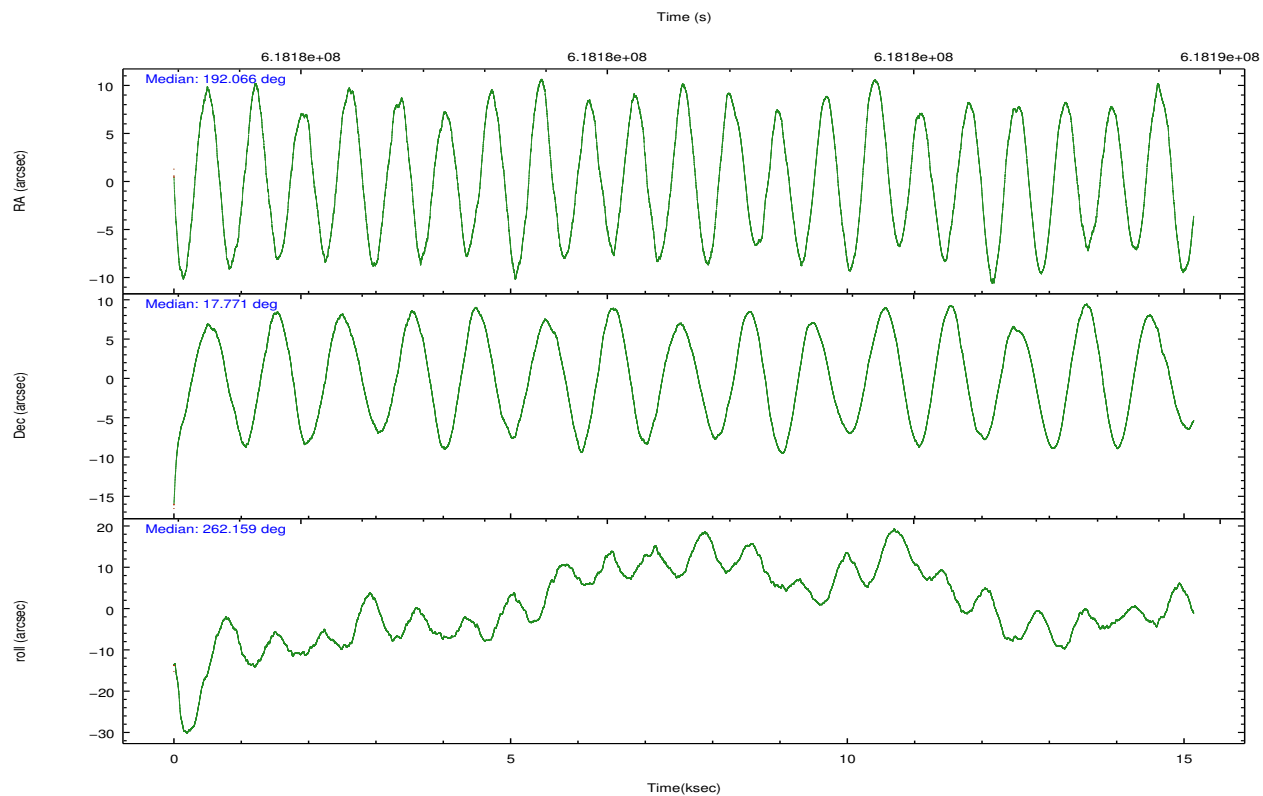
	ccd 7
grade 0 events	3694
	5%
grade 1 events	85
	0%
grade 2 events	6408
	9%
grade 3 events	2886
	4%
grade 4 events	2952
	4%
grade 5 events	6921
	10%
grade 6 events	15343
	23%
grade 7 events	27615
	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	192.055370	192.0665570054386	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	17.796157	17.77086002045008	Subarray start row	257	257
[deg] Pointing Roll	262.002439	262.1556519745167	Subarray row count	512	512
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	1.5
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	618173803.184000	618172333.35399			
Observation start date	2017-08-03T18:55:34	2017-08-03T18:32:13			
[s] Observation end time (MET)	618188803.184000	618189834.71751			
Observation end date	2017-08-03T23:05:34	2017-08-03T23:23:54			
Read mode	TIMED	TIMED			

2.3 Aspect



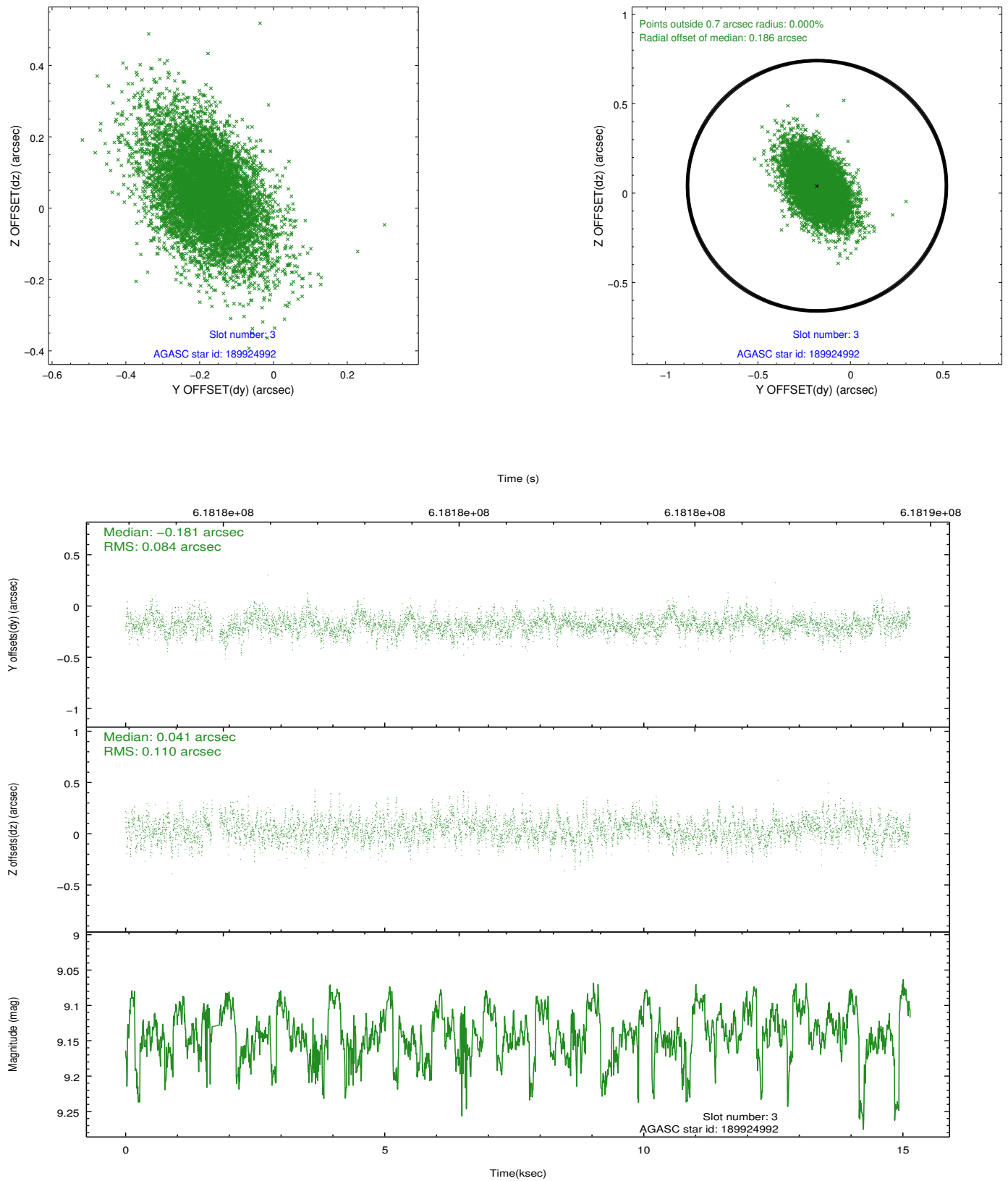


Slot Statistics

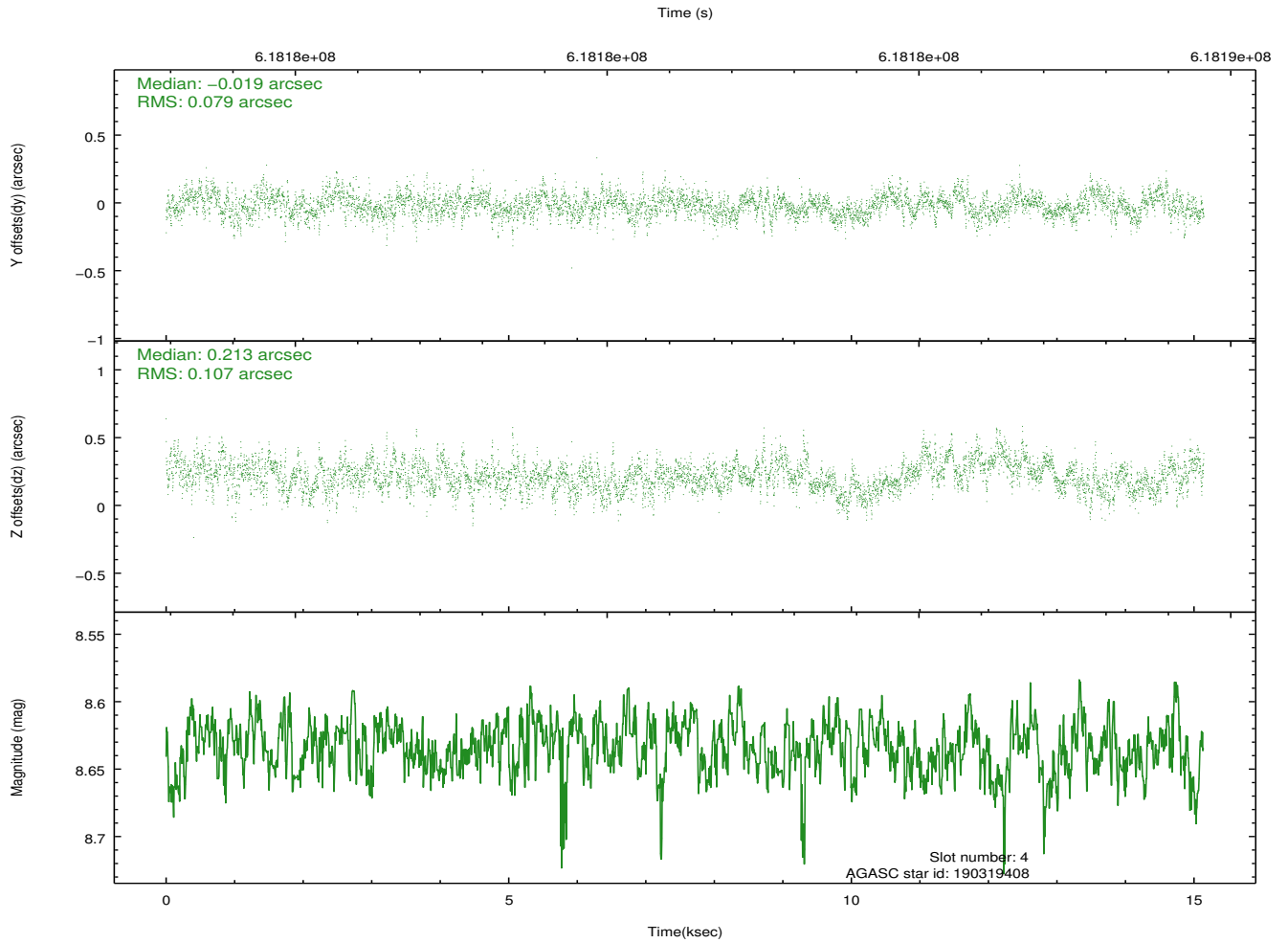
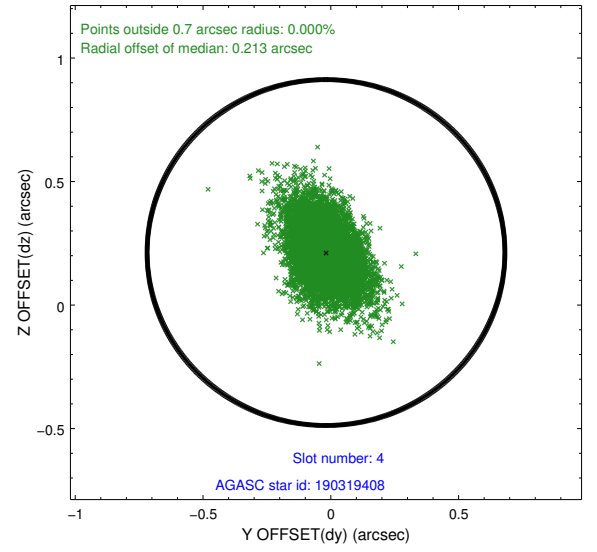
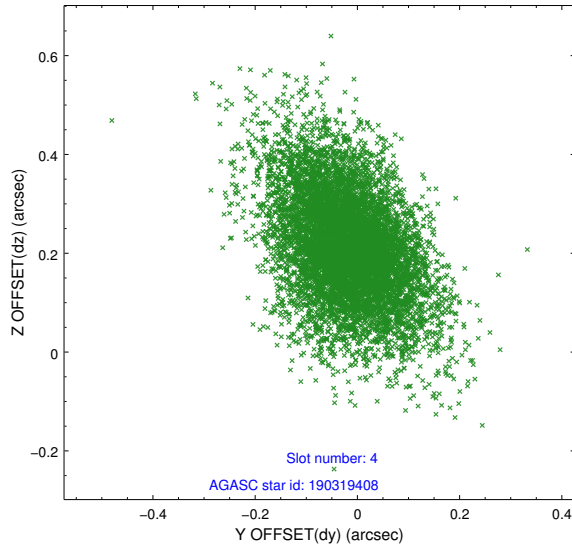
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.07	3694	-0.221	-0.076	0.014	0.055	0.000000	0.000000	-768.04	-1741.58
1	FID		ACIS-S-4	7.18	3693	0.488	0.126	0.013	0.022	0.000000	0.000000	2145.78	166.84
2	FID		ACIS-S-5	7.17	3694	-0.299	-0.043	0.024	0.061	0.000000	0.000000	-1820.61	160.63
3	GUIDE	used	189924992	9.14	7312	-0.181	0.041	0.141	0.251	192.414765	17.361281	1378.06	1441.25
4	GUIDE	used	190319408	8.63	7385	-0.019	0.213	0.136	0.238	192.447147	18.342893	-2136.62	1052.64
5	GUIDE	used	190321992	9.35	7381	-0.267	-0.052	0.152	0.259	192.558931	17.650526	277.59	1781.76
6	GUIDE	used	190322864	8.17	7386	0.339	-0.119	0.133	0.227	192.118474	17.579756	741.77	323.15
7	GUIDE	used	190323712	9.18	7374	0.123	-0.083	0.160	0.278	192.191806	17.550786	810.76	587.49

2.4 Star Slots

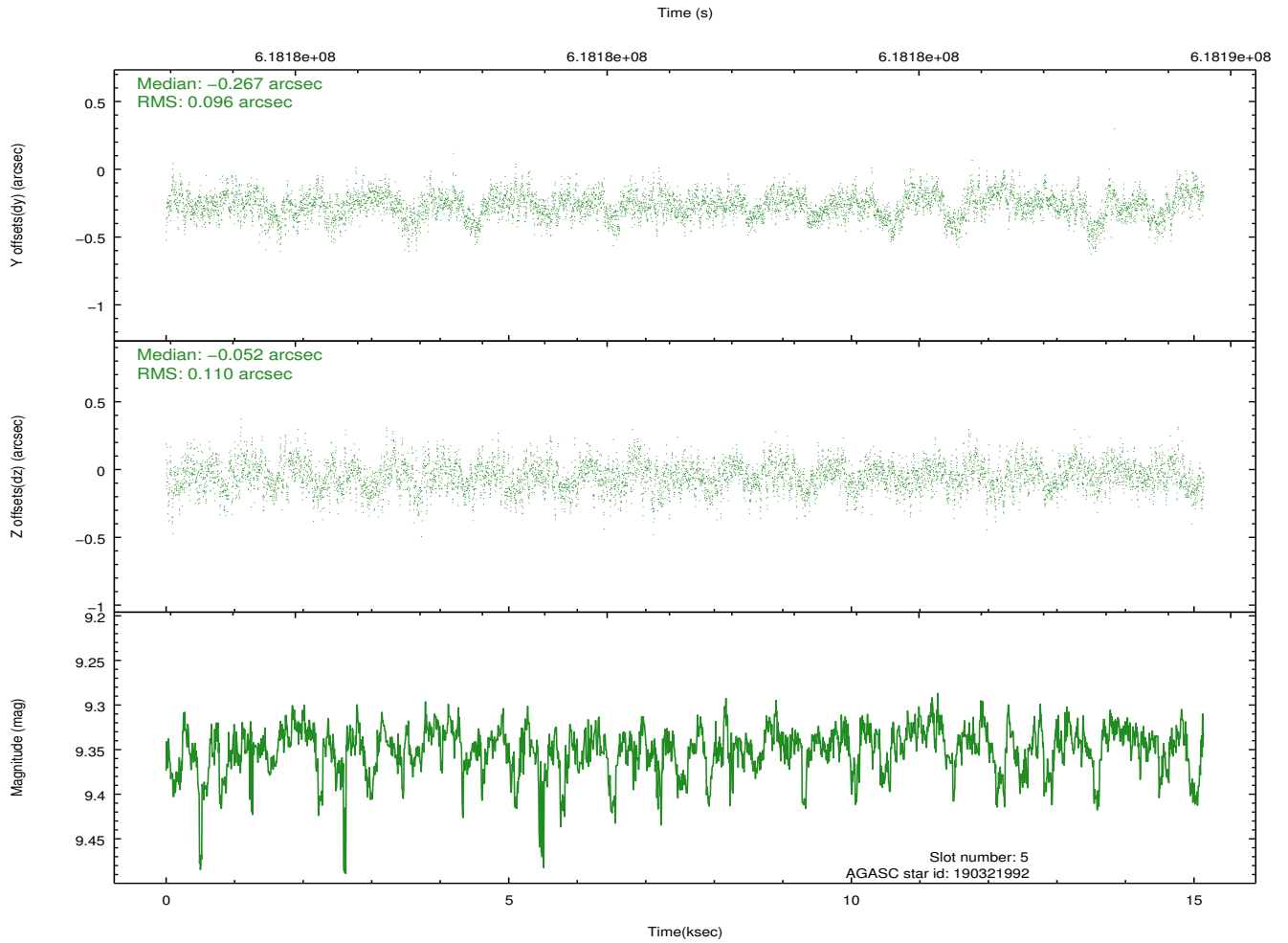
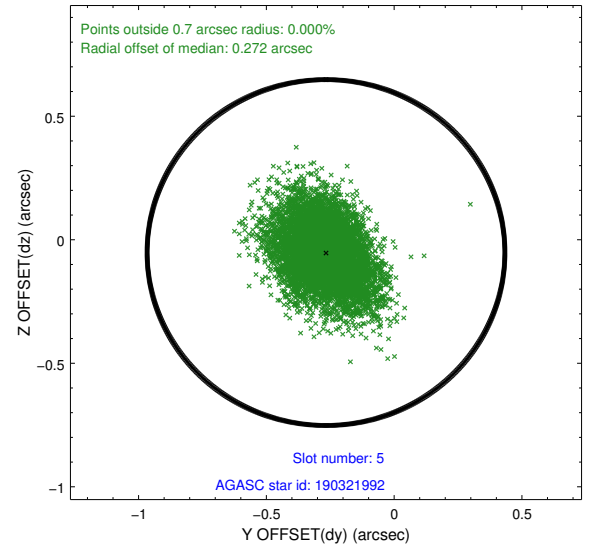
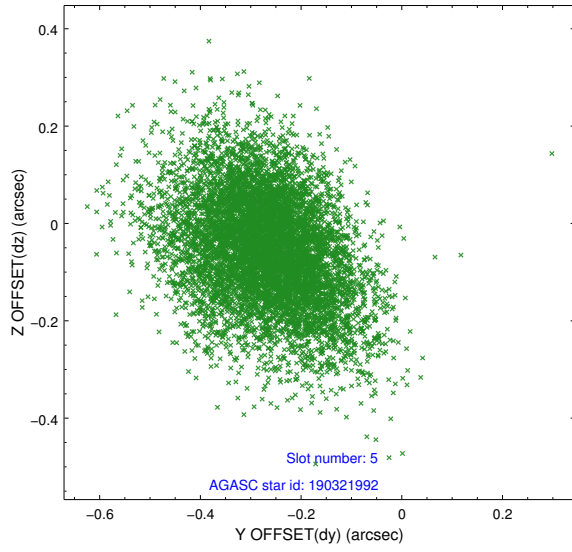
2.4.1 Slot 3



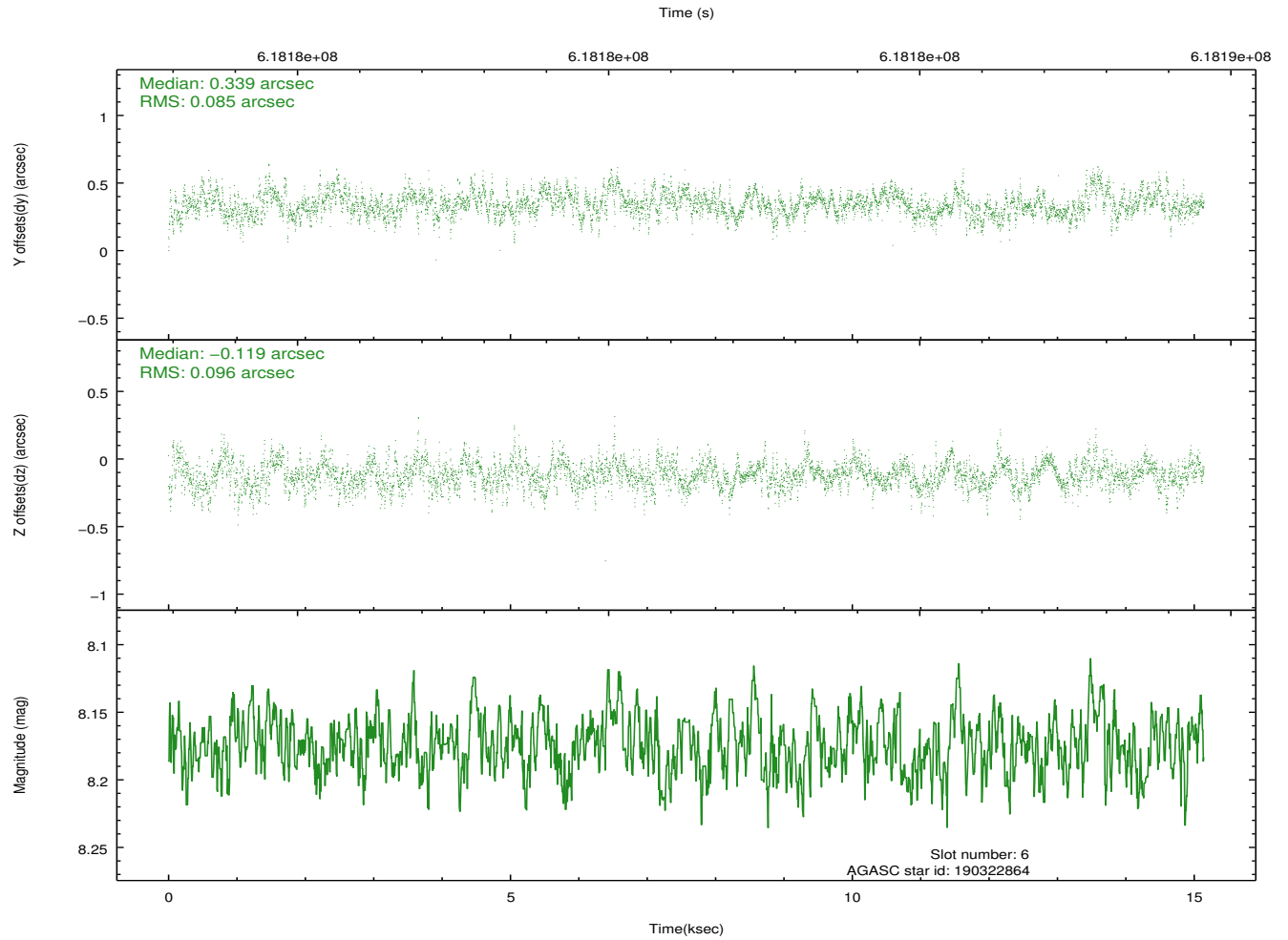
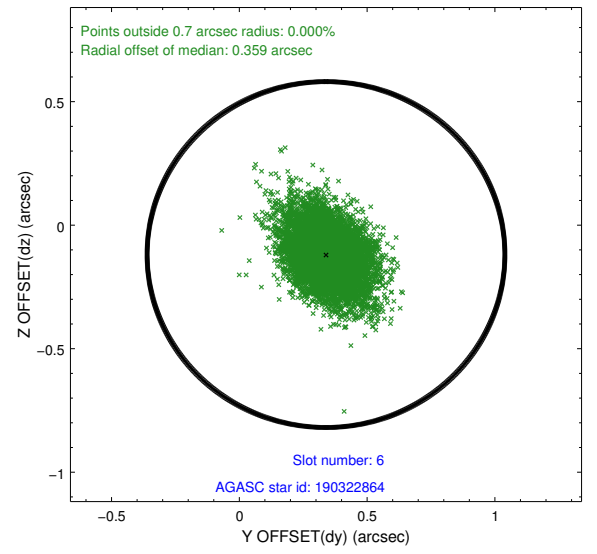
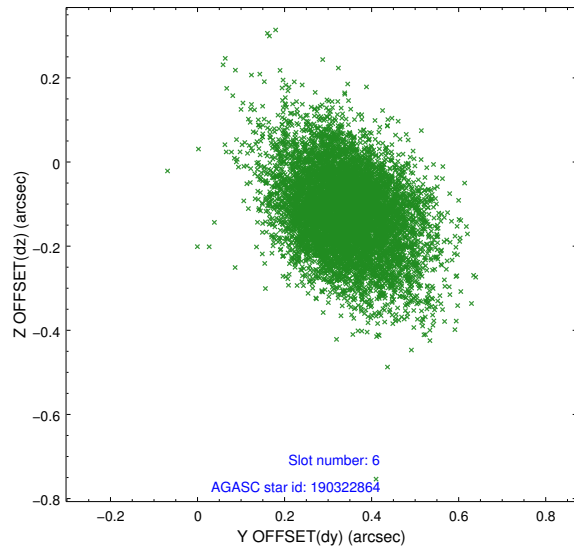
2.4.2 Slot 4



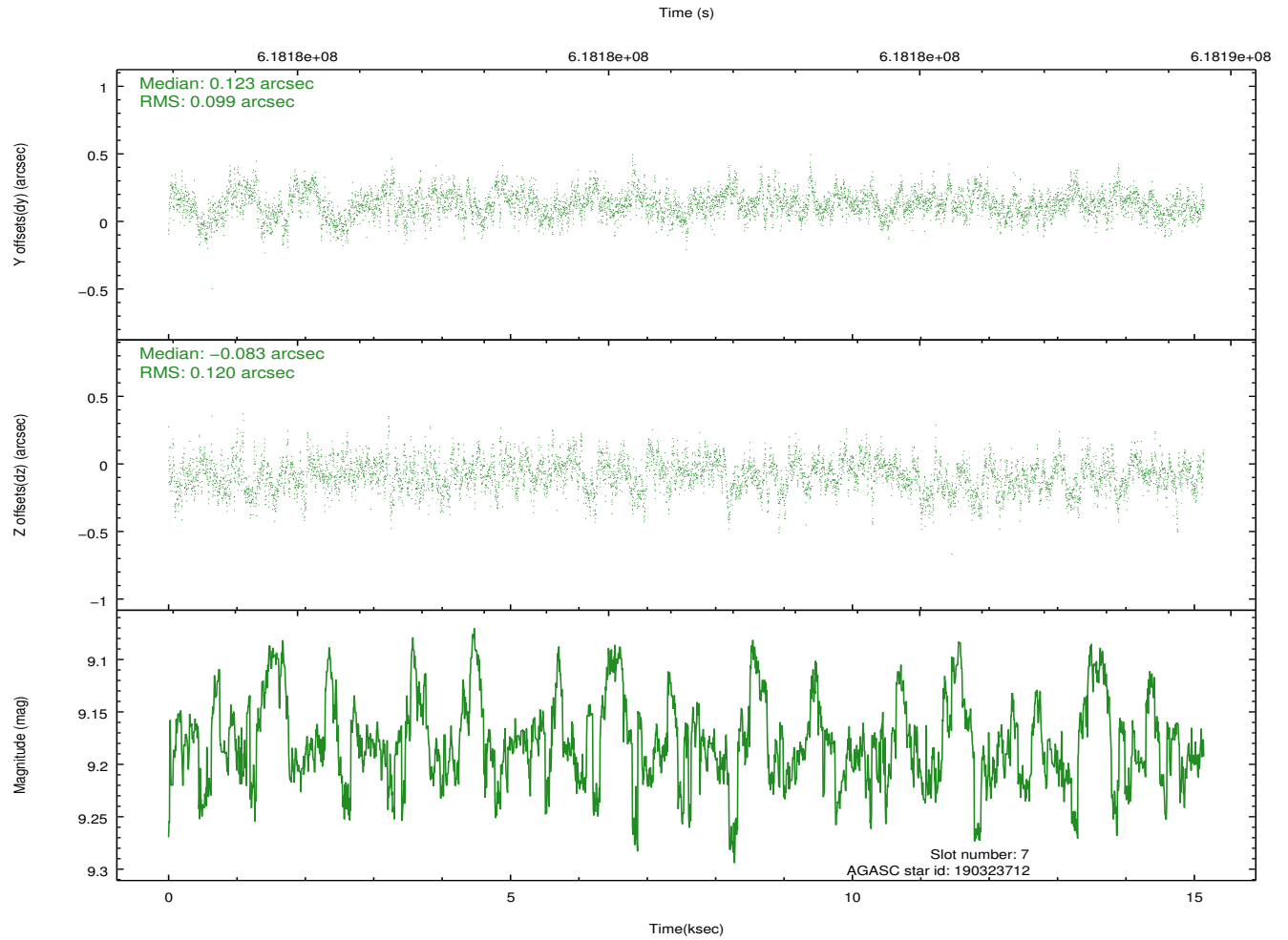
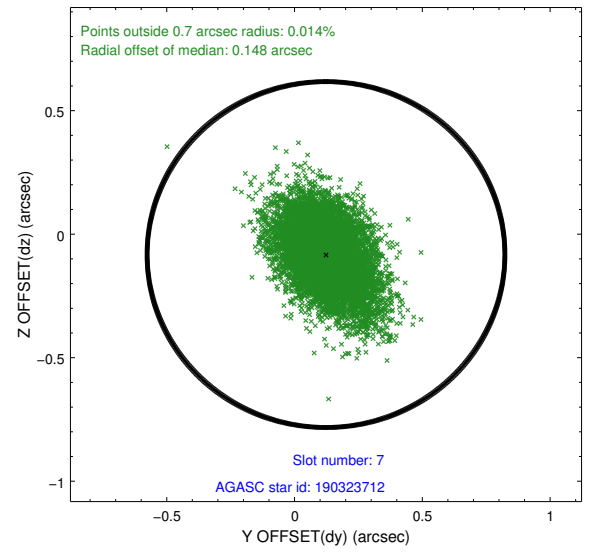
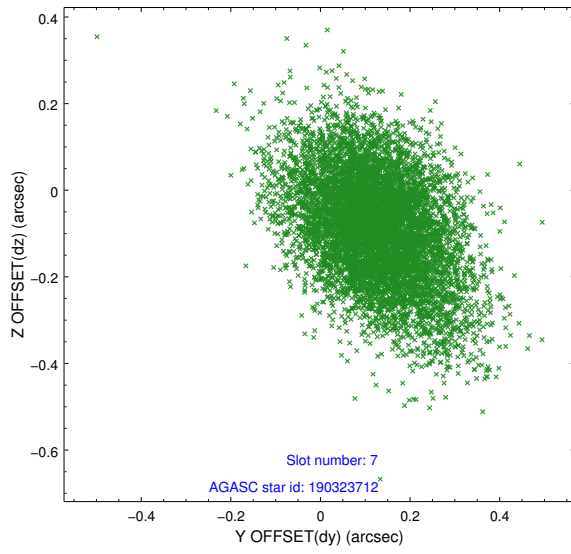
2.4.3 Slot 5



2.4.4 Slot 6

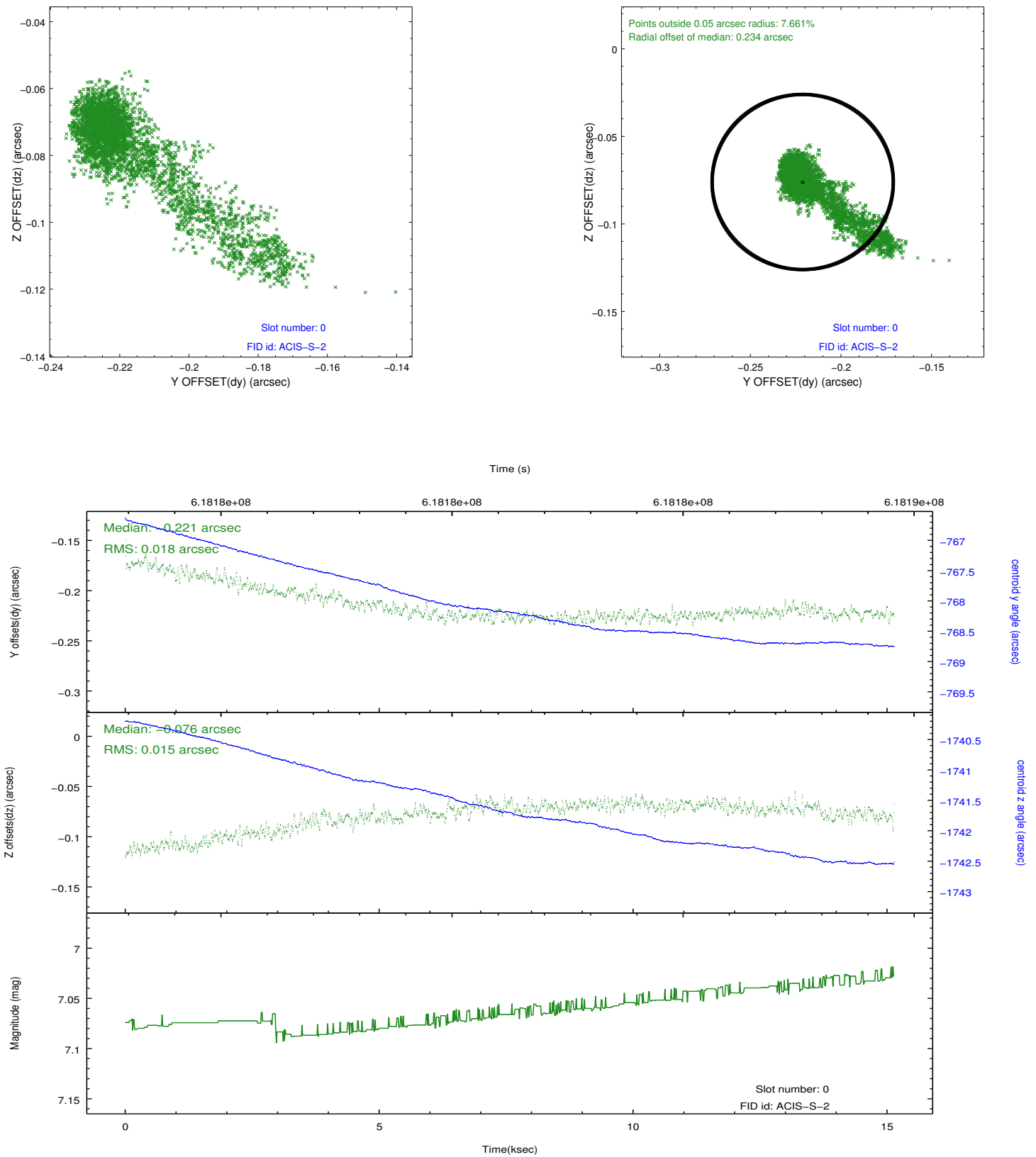


2.4.5 Slot 7

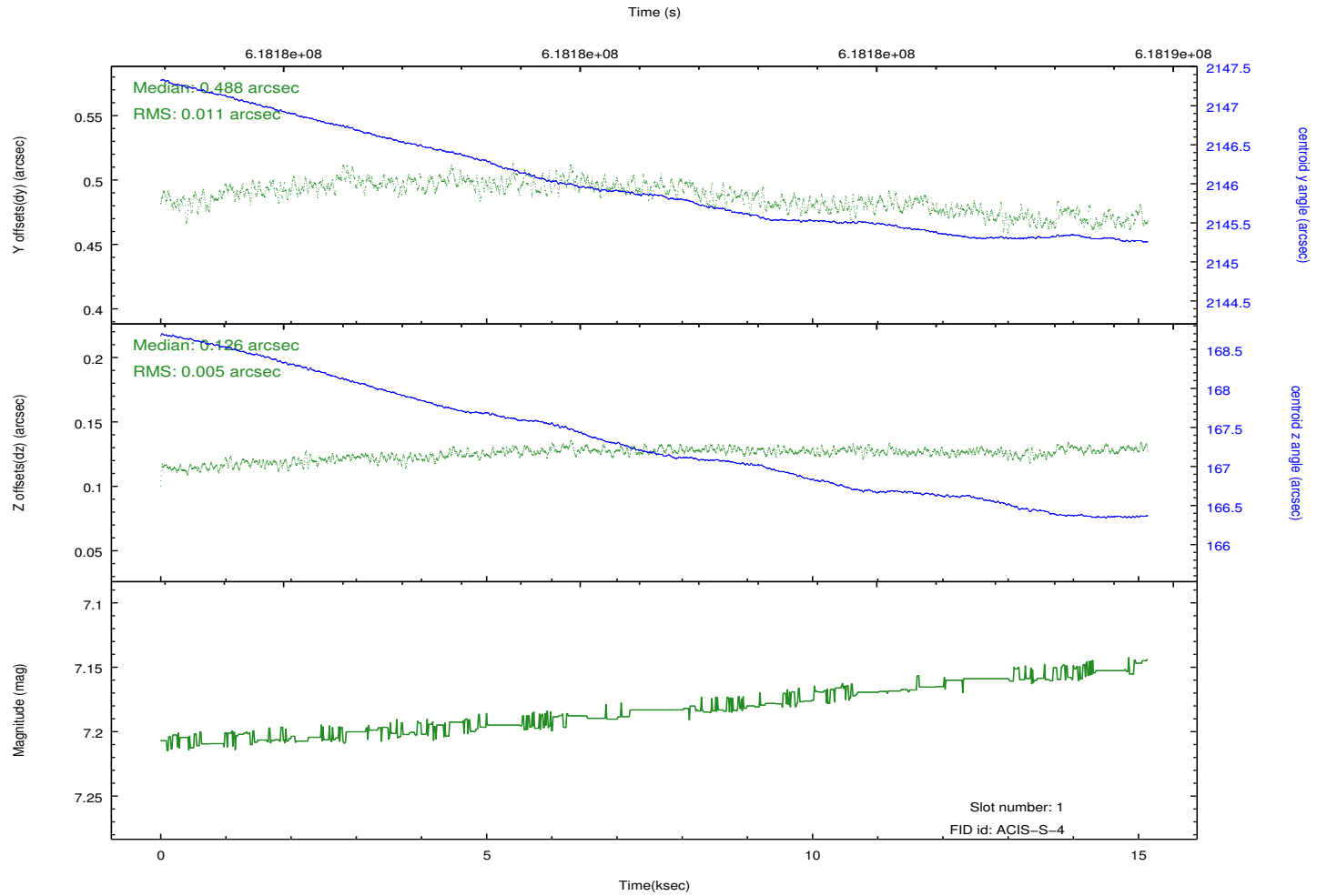
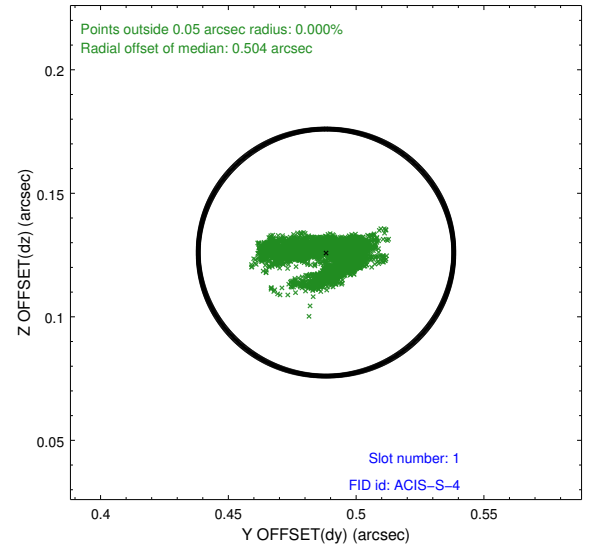
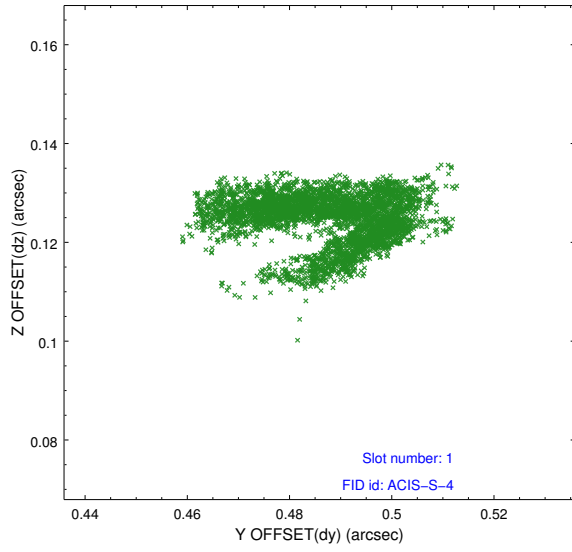


2.5 FID Slots

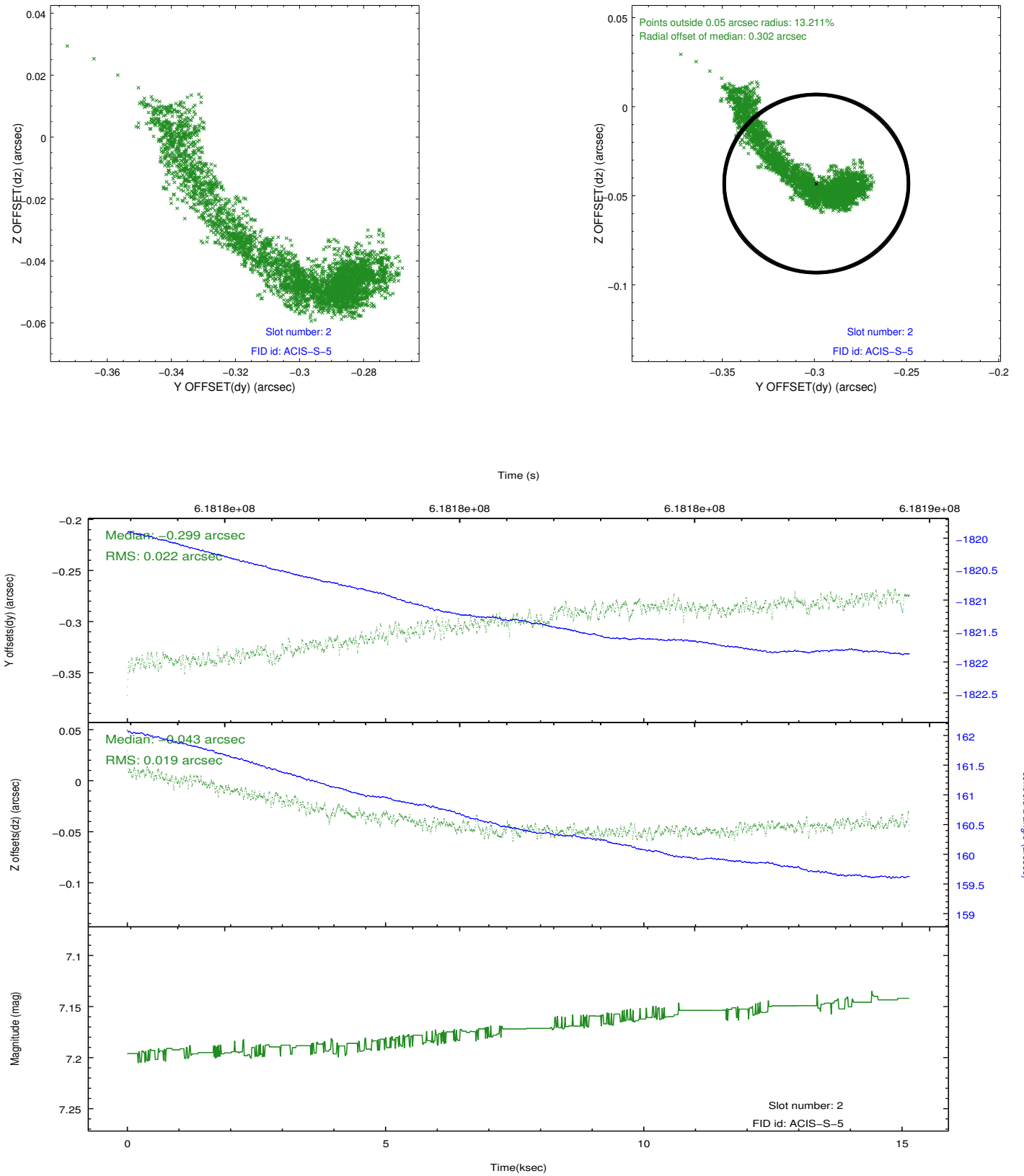
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.08.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.075

A.2 Comments

Joint proposal with XMM+NRAO.