

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10366 - L2 Version 3
Chandra X-Ray Center

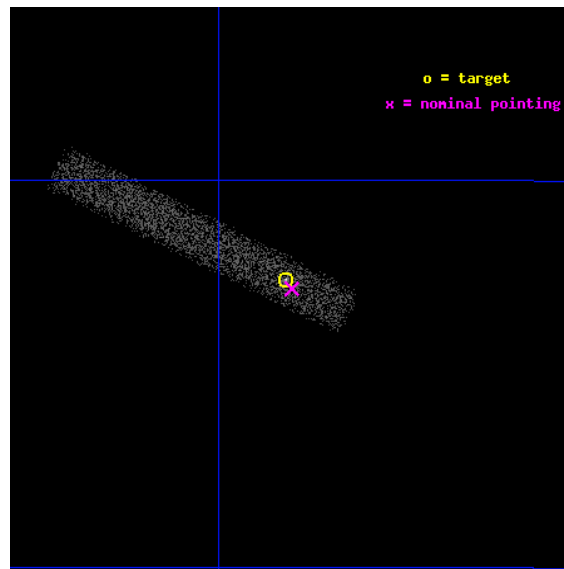
L2 Processing Date : Jun 13 2012

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1 Front

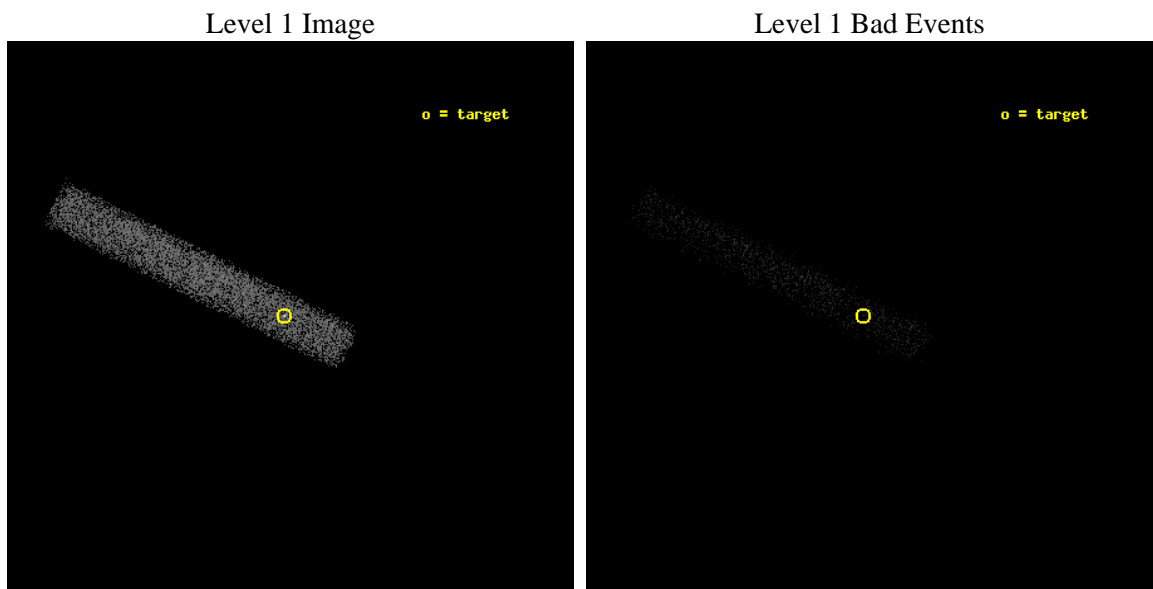
seq_num	701909	Sequence number
obs_id	10366	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	0144-522	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	26.702417	Observer's specified target RA [deg]
dec_targ	-52.042639	Observer's specified target Dec [deg]
ra_nom	26.698273290773	Nominal RA [deg]
dec_nom	-52.046772721011	Nominal Dec [deg]
roll_nom	206.29964420345	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6163.5996326208	Sum of GTIs [s]
livetime	5590.0595253227	Livetime [s]
ontime7	6163.5996326208	Sum of GTIs [s]
l2events	5885	Number of level 2 events



2 OBI

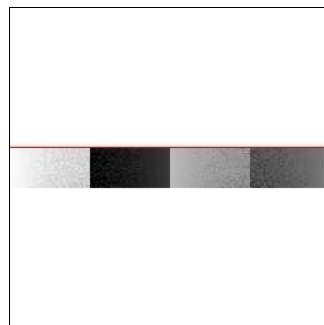
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6163.5996326208	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	6163.5996326208	Sum of GTIs [s]
date	2012-06-13T20:19:39	Date and time of file creation	l1events	14014	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

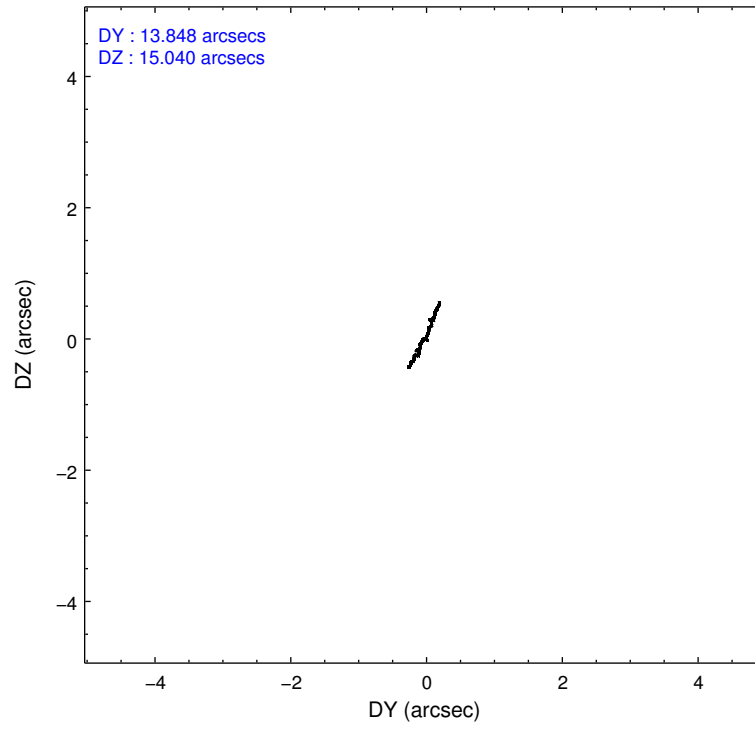
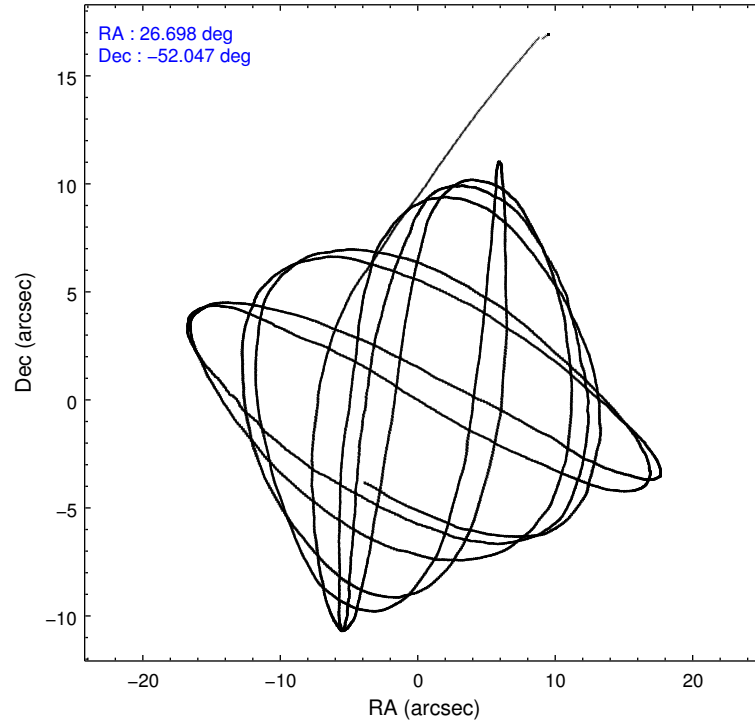
	ccd 7
level 1 events	14014
rejected events	7928
rejected %	56%

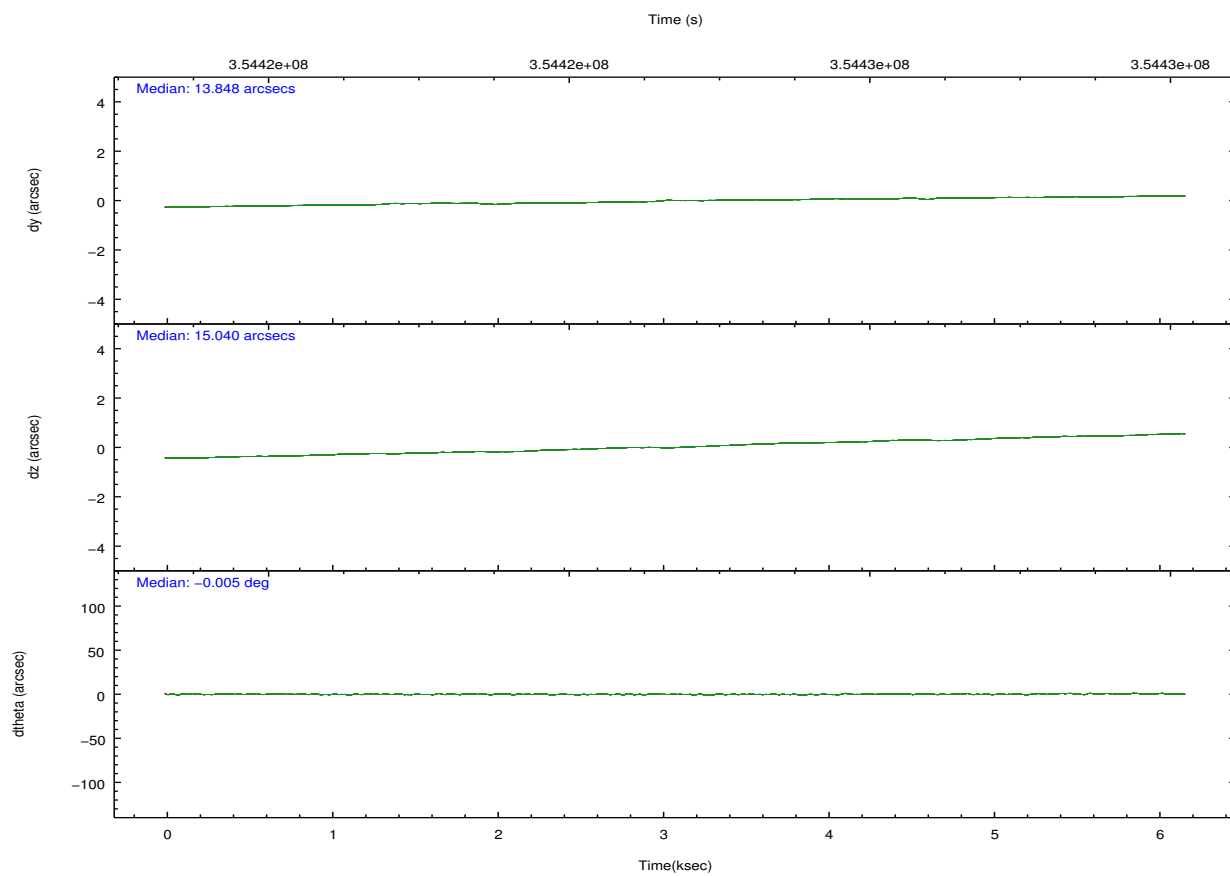
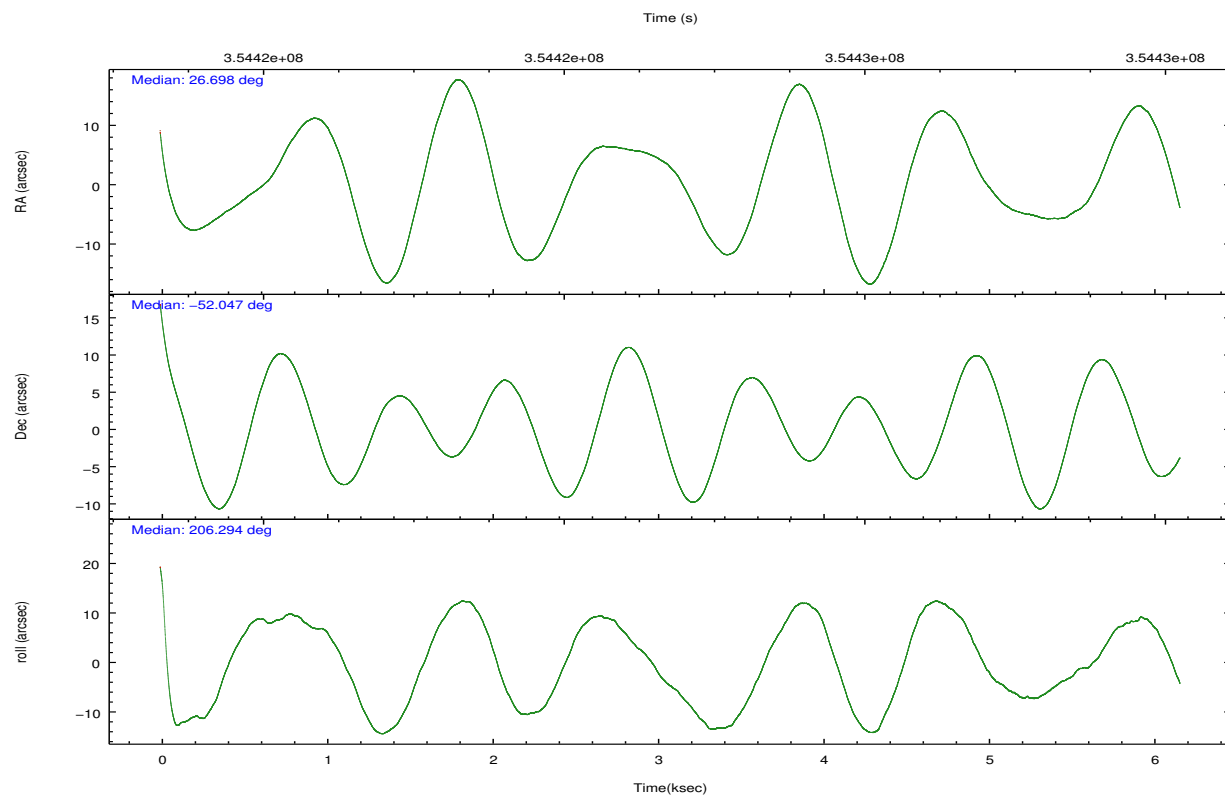
	ccd 7
grade 0 events	883
	6%
grade 1 events	13
	0%
grade 2 events	1326
	9%
grade 3 events	881
	6%
grade 4 events	817
	5%
grade 5 events	1232
	8%
grade 6 events	2969
	21%
grade 7 events	5893
	42%

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	26.722374	26.6982732907728	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-52.023796	-52.04677272101092	Subarray start row	449	449
[deg] Pointing Roll	206.161977	206.2996442034508	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	354421783.184000	354420707.2954			
Observation start date	2009-03-26T02:28:37	2009-03-26T02:11:47			
[s] Observation end time (MET)	354427783.184000	354429269.12083			
Observation end date	2009-03-26T04:08:37	2009-03-26T04:34:29			
Read mode	TIMED	TIMED			

2.3 Aspect



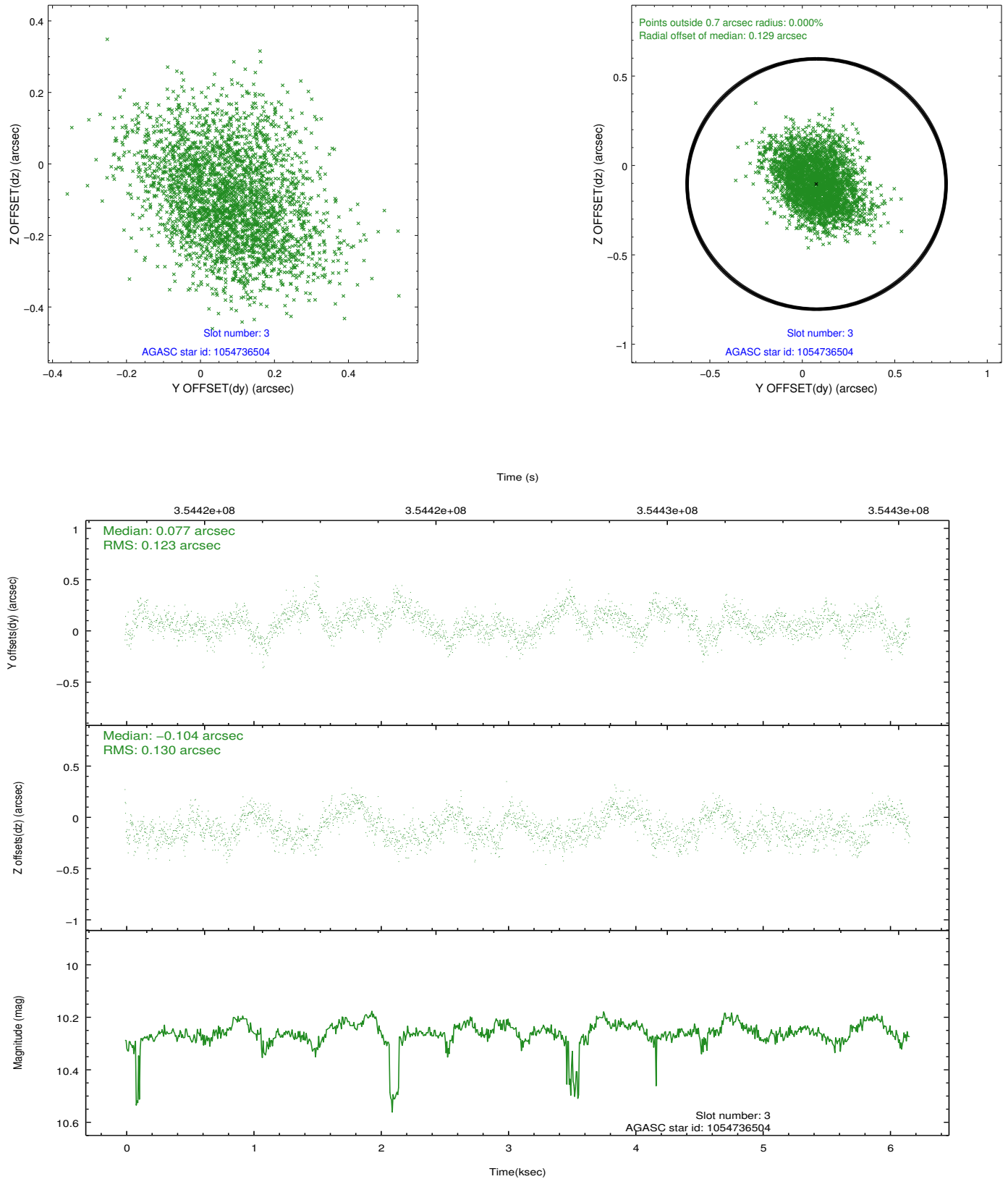


Slot Statistics

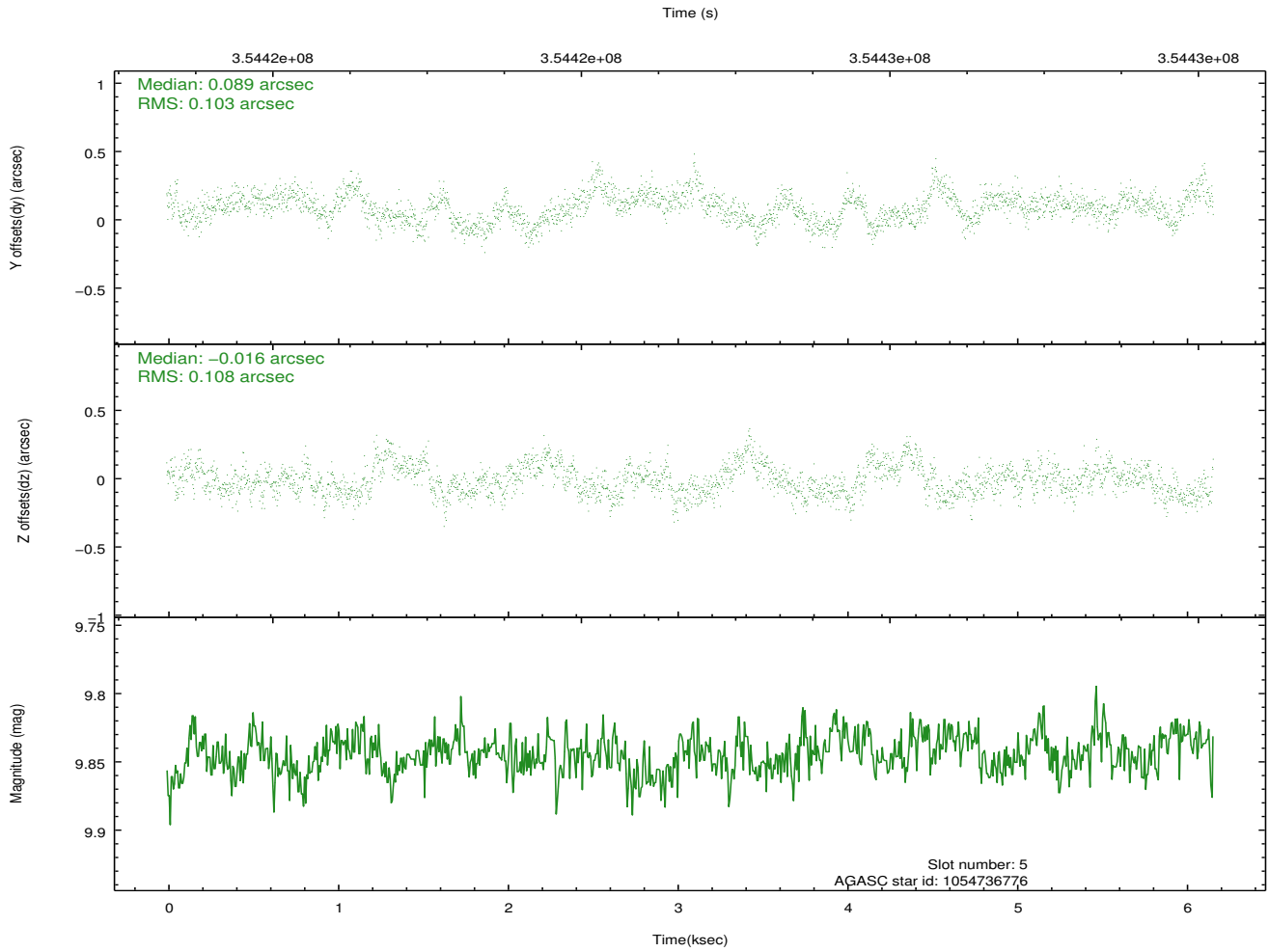
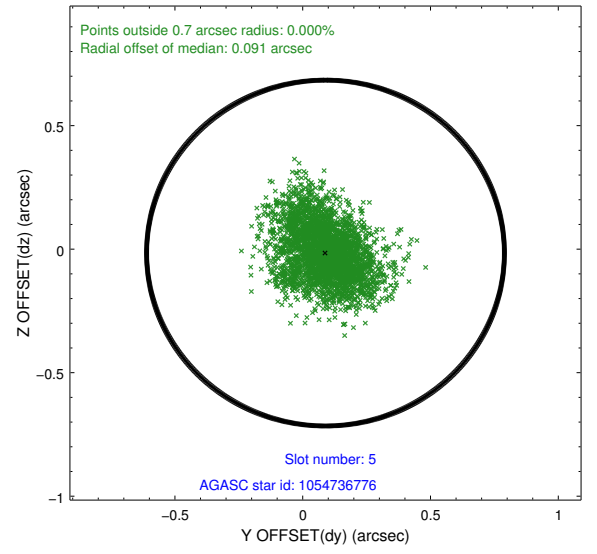
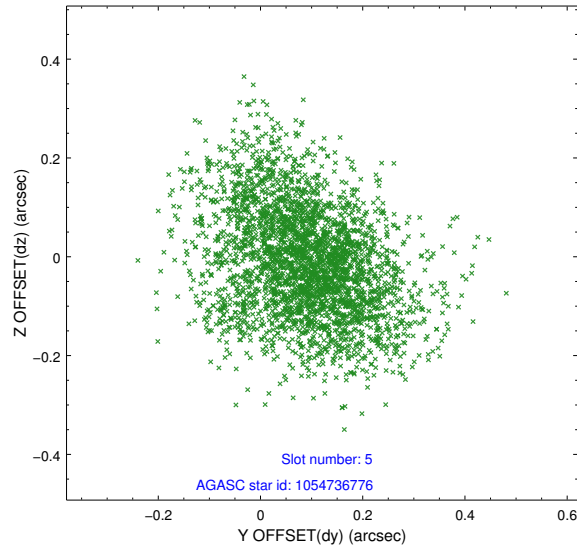
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1504	-0.069	-0.032	0.008	0.014	0.000000	0.000000	-766.80	-1736.50
1	FID	ACIS-S-4	6.99	1503	0.210	0.042	0.009	0.016	0.000000	0.000000	2146.29	171.10
2	FID	ACIS-S-5	7.01	1504	-0.172	-0.001	0.008	0.012	0.000000	0.000000	-1818.55	165.77
3	GUIDE	1054736504	10.26	2967	0.077	-0.104	0.191	0.314	27.430507	-52.375820	-834.86	1830.35
4	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	GUIDE	1054736776	9.84	2999	0.089	-0.016	0.160	0.264	27.169835	-52.454939	-195.48	1829.61
6	GUIDE	1054738896	7.48	3008	0.026	0.116	0.126	0.198	27.207592	-51.632236	-1592.99	-782.90
7	GUIDE	1110835304	10.01	3001	-0.195	-0.006	0.142	0.228	26.484522	-52.667354	1487.62	1851.54

2.4 Star Slots

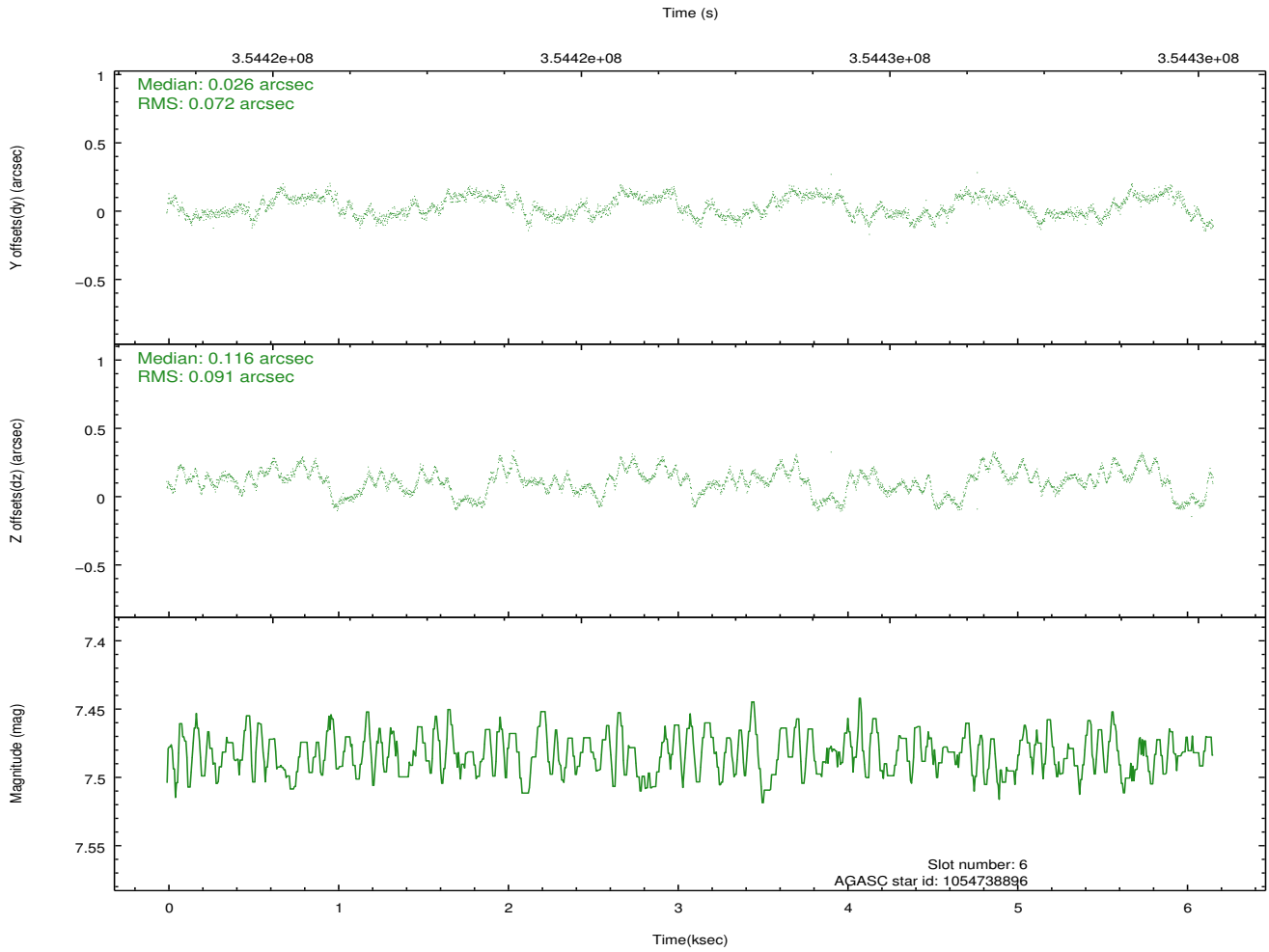
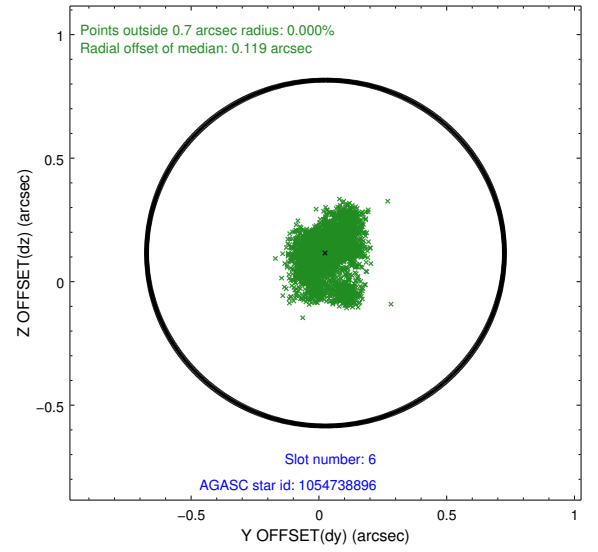
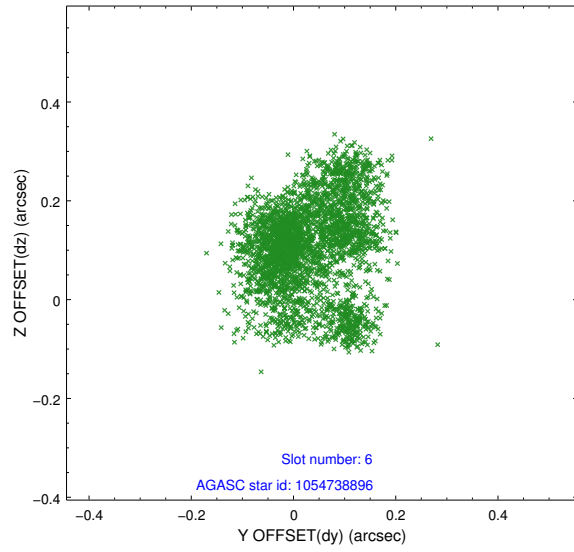
2.4.1 Slot 3



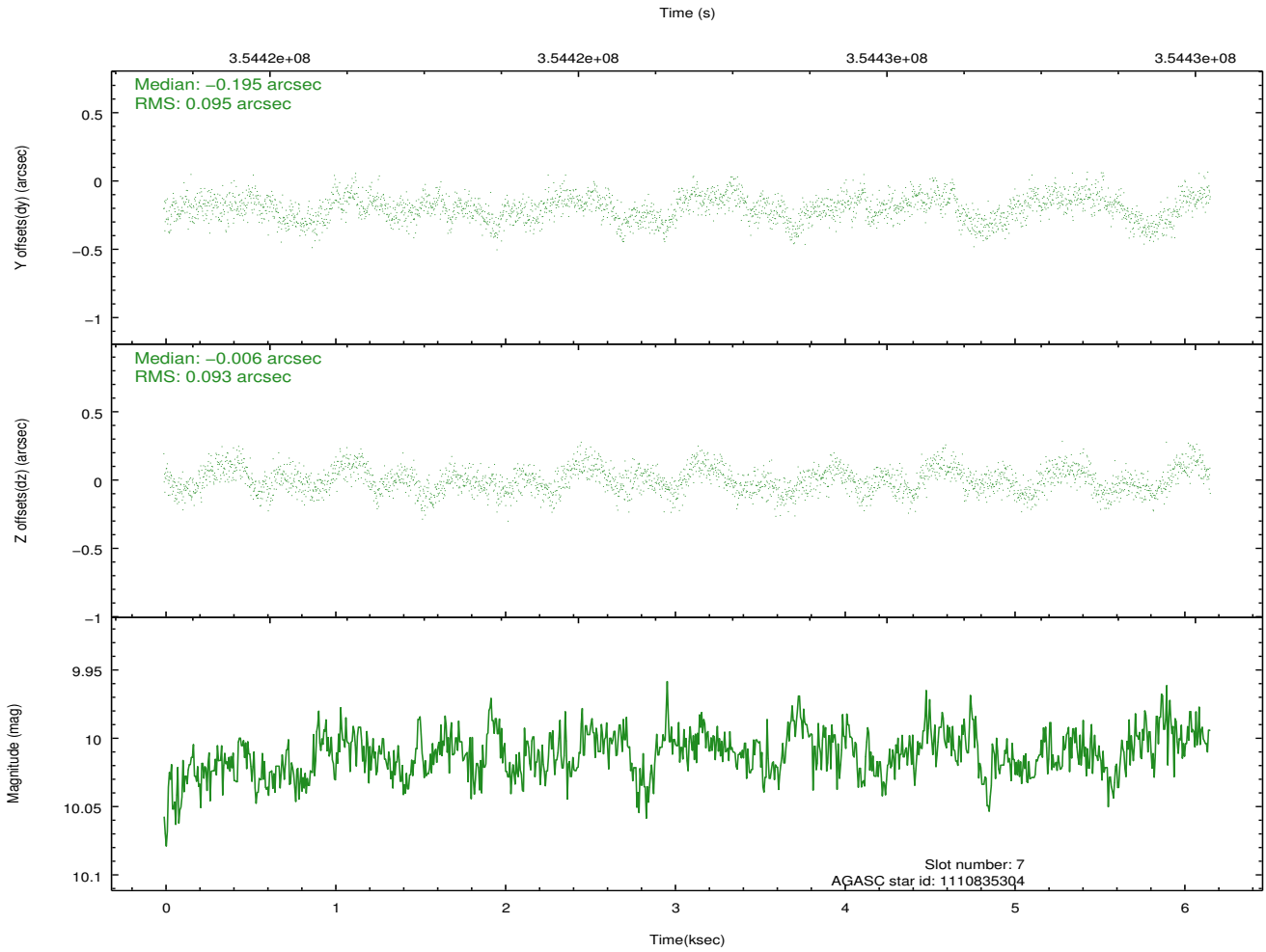
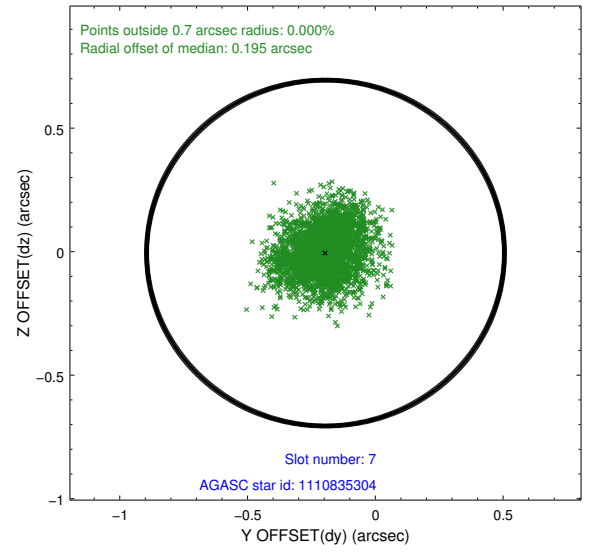
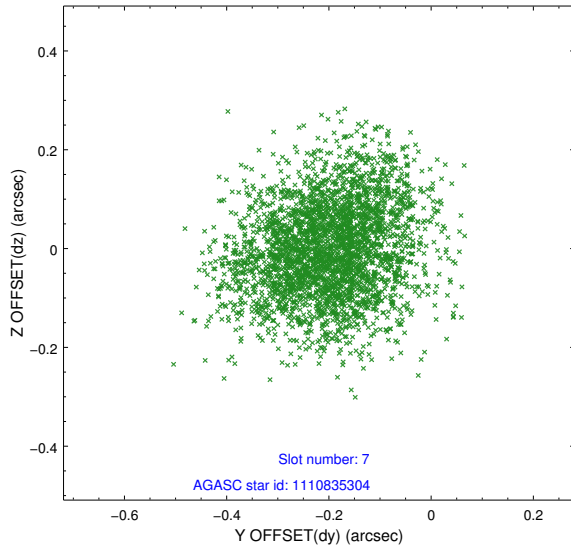
2.4.2 Slot 5



2.4.3 Slot 6

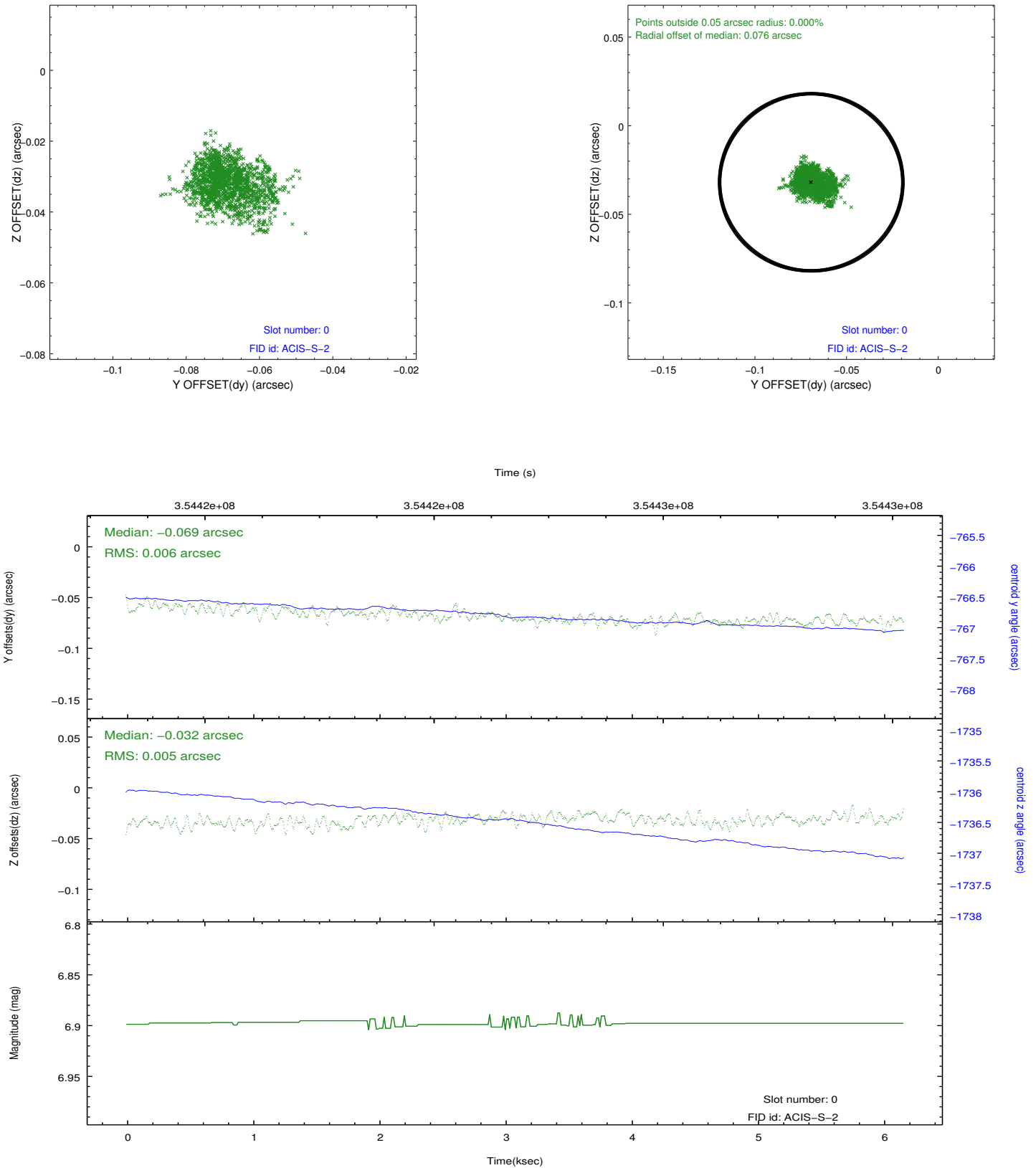


2.4.4 Slot 7

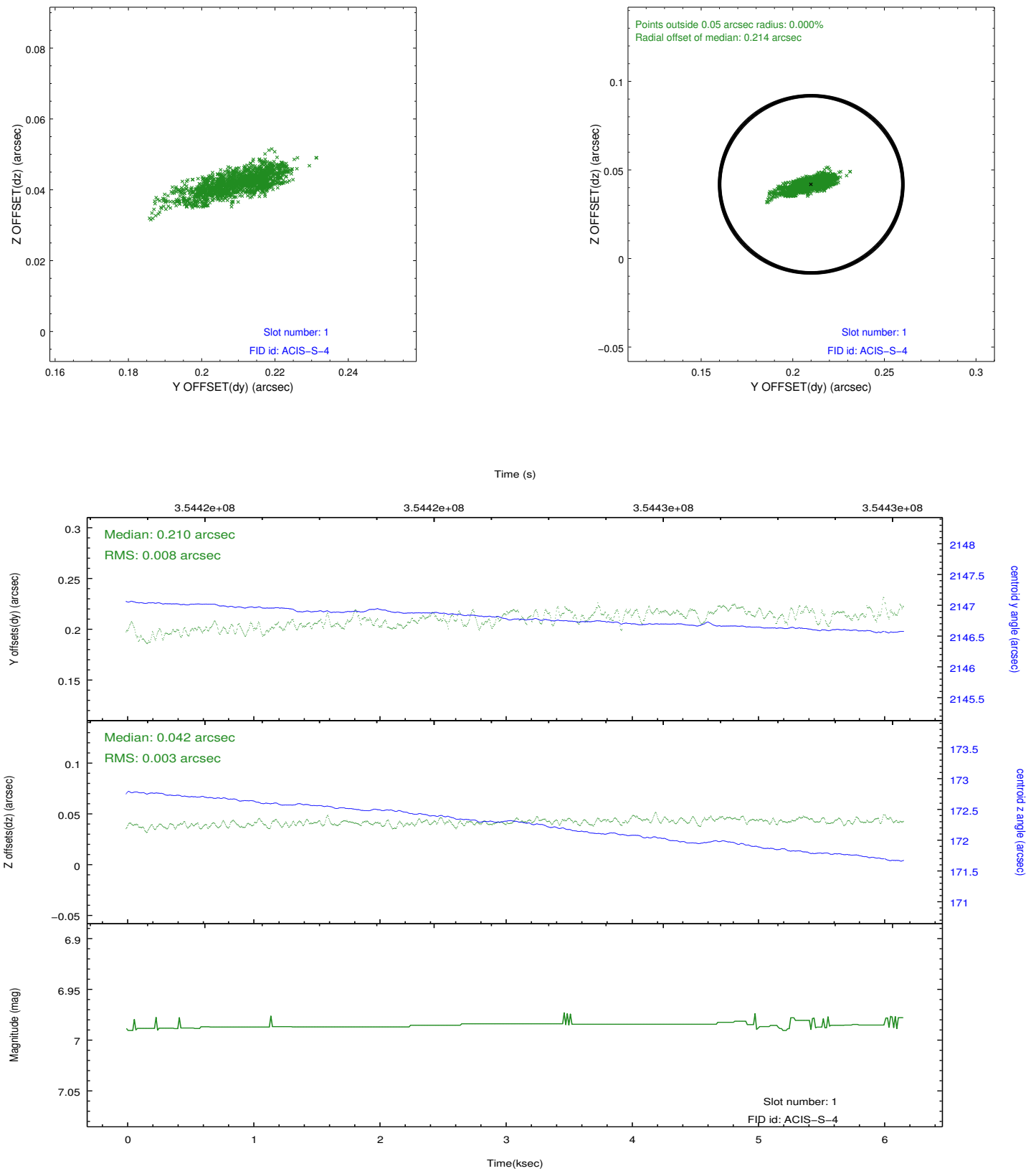


2.5 FID Slots

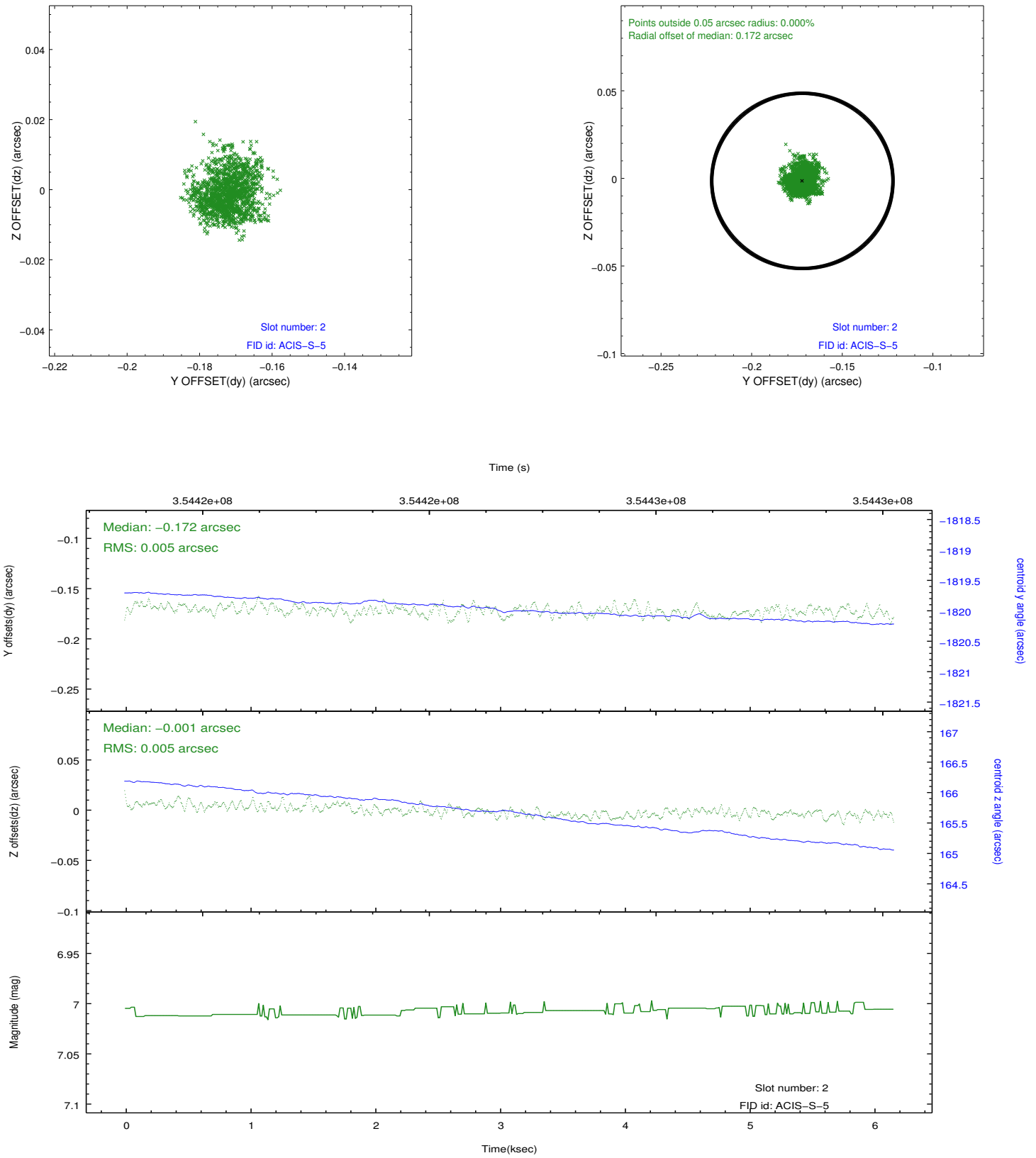
2.5.1 Slot 0



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)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.16359963

A.2 Comments

Joint proposal with HST.

The guide star in slot 4 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.