

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10393 - L2 Version 2
Chandra X-Ray Center

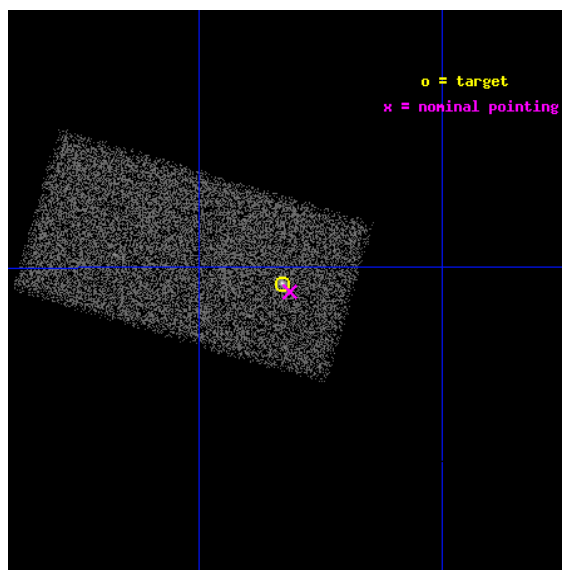
L2 Processing Date : Jun 6 2012

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1 Front

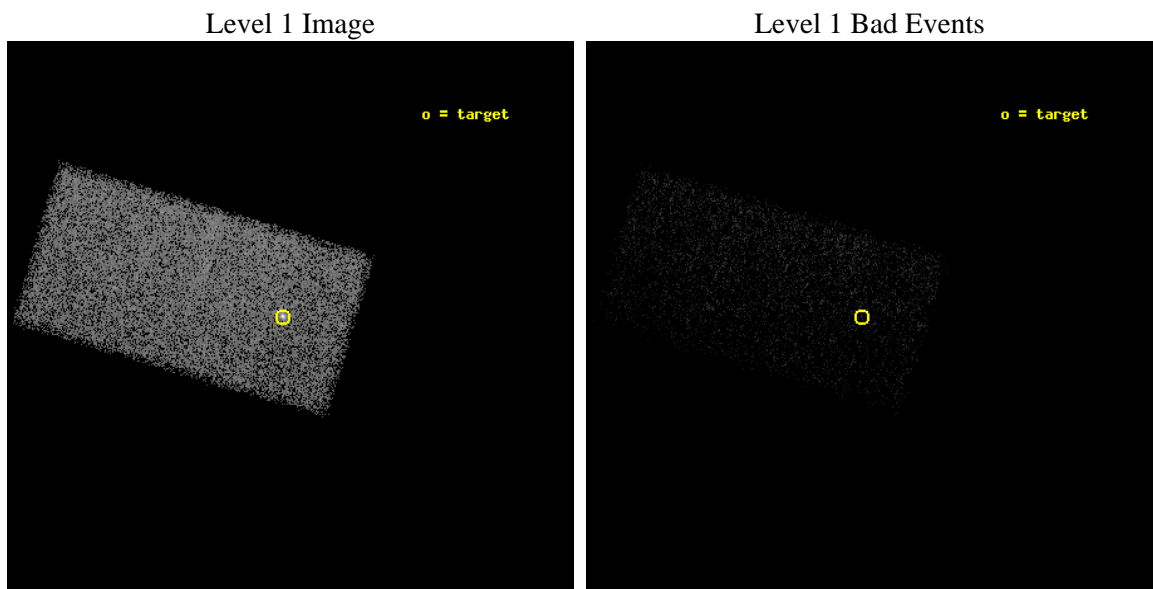
seq_num	701936	Sequence number
obs_id	10393	Observation id
title	A Complete Census of AGN Activity in Luminous Infrared Galaxies	Pr
observer	Dr David Alexander	Principal investigator
object	ESO 420-G013	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	63.457083	Observer's specified target RA [deg]
dec_targ	-32.006944	Observer's specified target Dec [deg]
ra_nom	63.453239362625	Nominal RA [deg]
dec_nom	-32.0105656671	Nominal Dec [deg]
roll_nom	196.41399095821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12759.0	Sum of GTIs [s]
livetime	12419.210403364	Livetime [s]
ontime7	12759.0	Sum of GTIs [s]
l2events	26544	Number of level 2 events



2 OBI

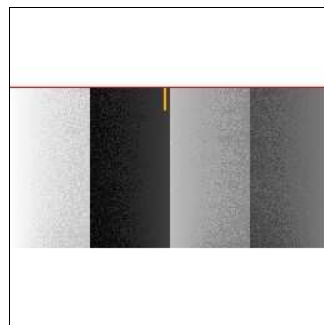
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12600.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12759.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	12759.0	Sum of GTIs [s]
date	2012-06-07T00:21:27	Date and time of file creation	l1events	57709	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

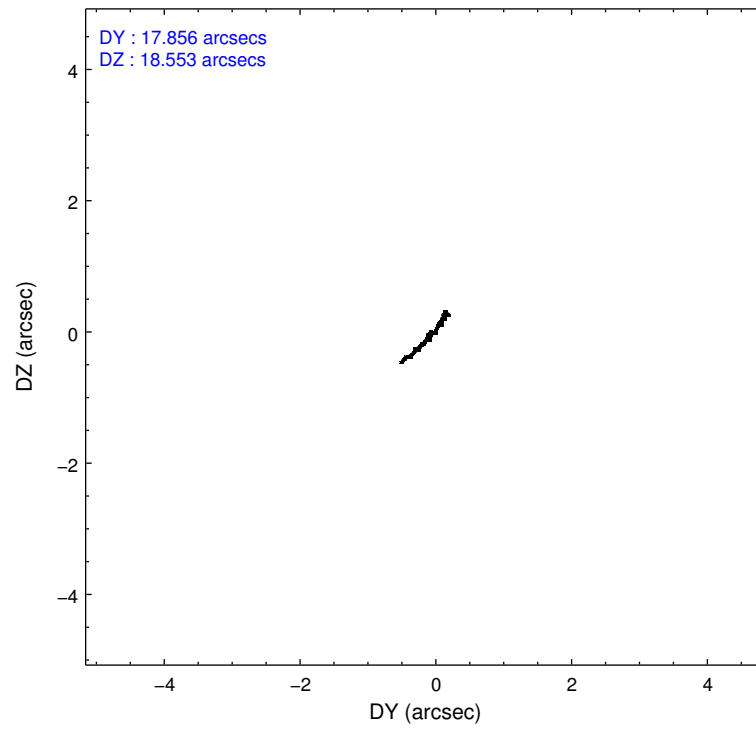
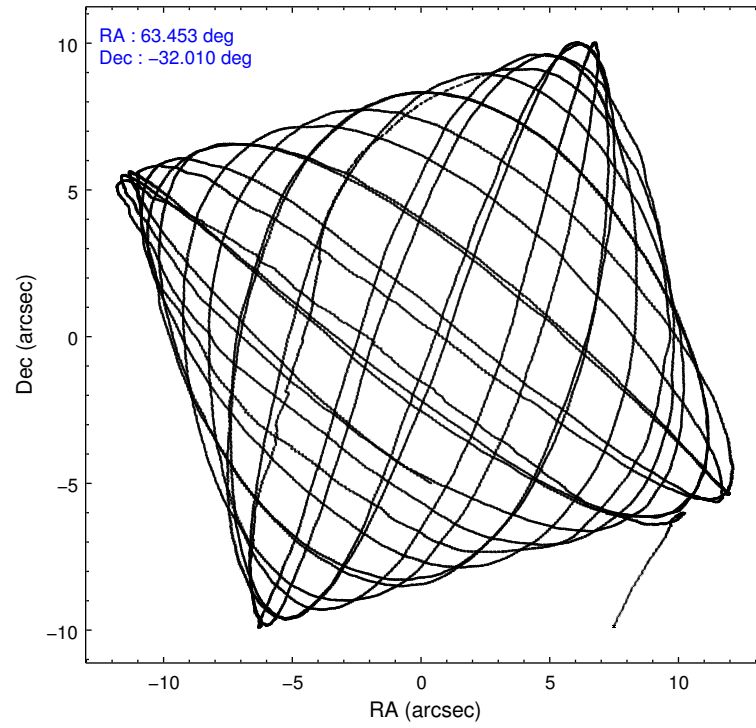
	ccd 7
level 1 events	57709
rejected events	30274
rejected %	52%

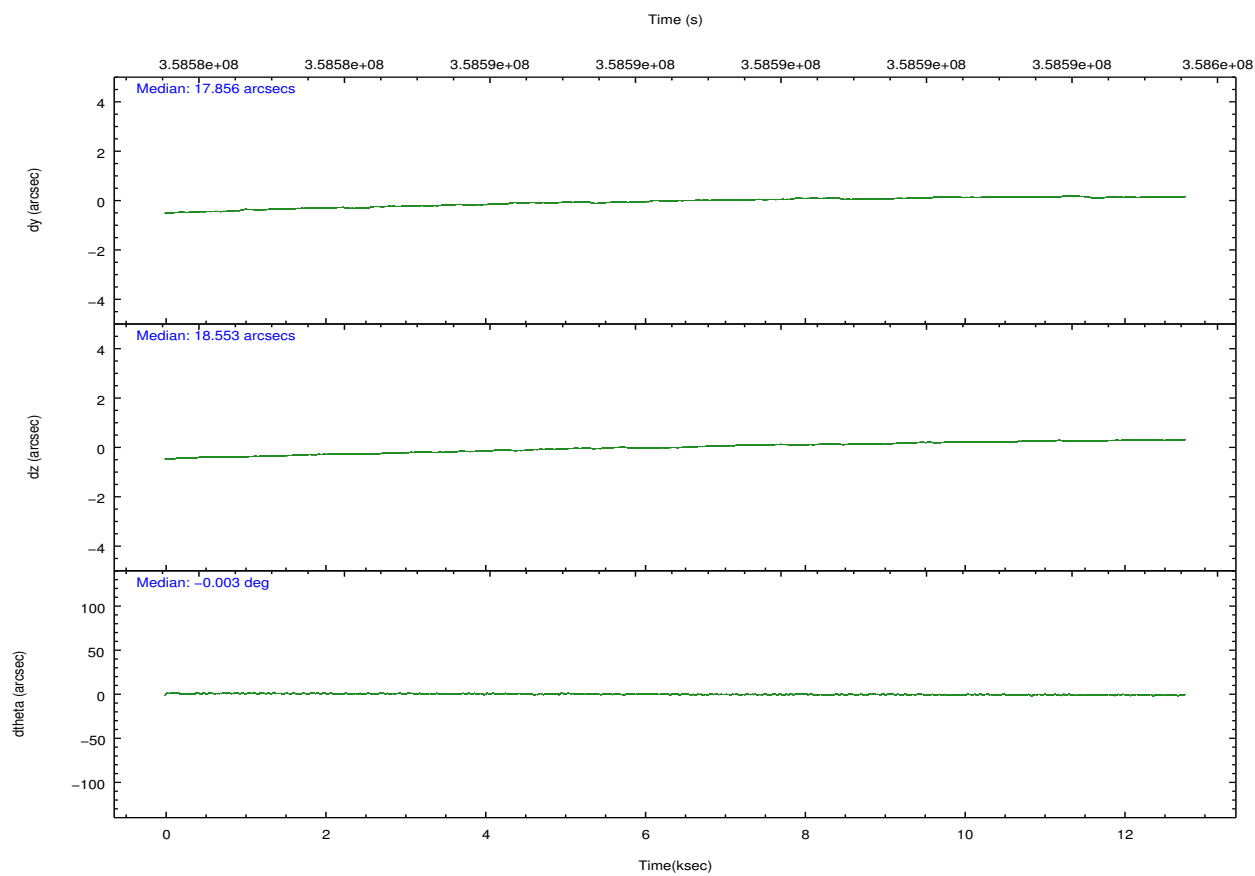
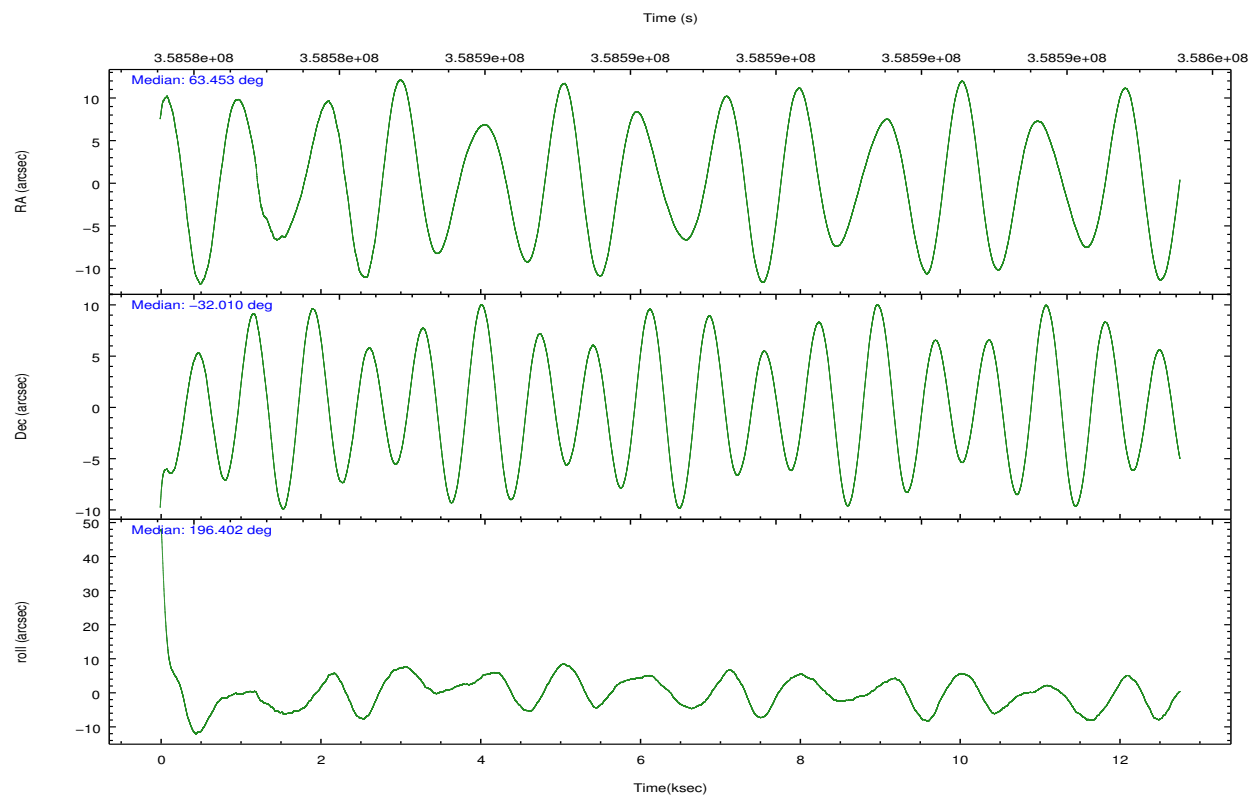
	ccd 7
grade 0 events	3524
	6%
grade 1 events	117
	0%
grade 2 events	6444
	11%
grade 3 events	3235
	5%
grade 4 events	3251
	5%
grade 5 events	6203
	10%
grade 6 events	13724
	23%
grade 7 events	21211
	36%

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	63.475169	63.45323936262461	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-31.990486	-32.01056566709984	Subarray start row	257	257
[deg] Pointing Roll	196.268944	196.413990958209	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	358582326.184000	358580798.64005			
Observation start date	2009-05-13T06:11:00	2009-05-13T05:46:38			
[s] Observation end time (MET)	358594926.184000	358595180.92827			
Observation end date	2009-05-13T09:41:00	2009-05-13T09:46:20			
Read mode	TIMED	TIMED			

2.3 Aspect



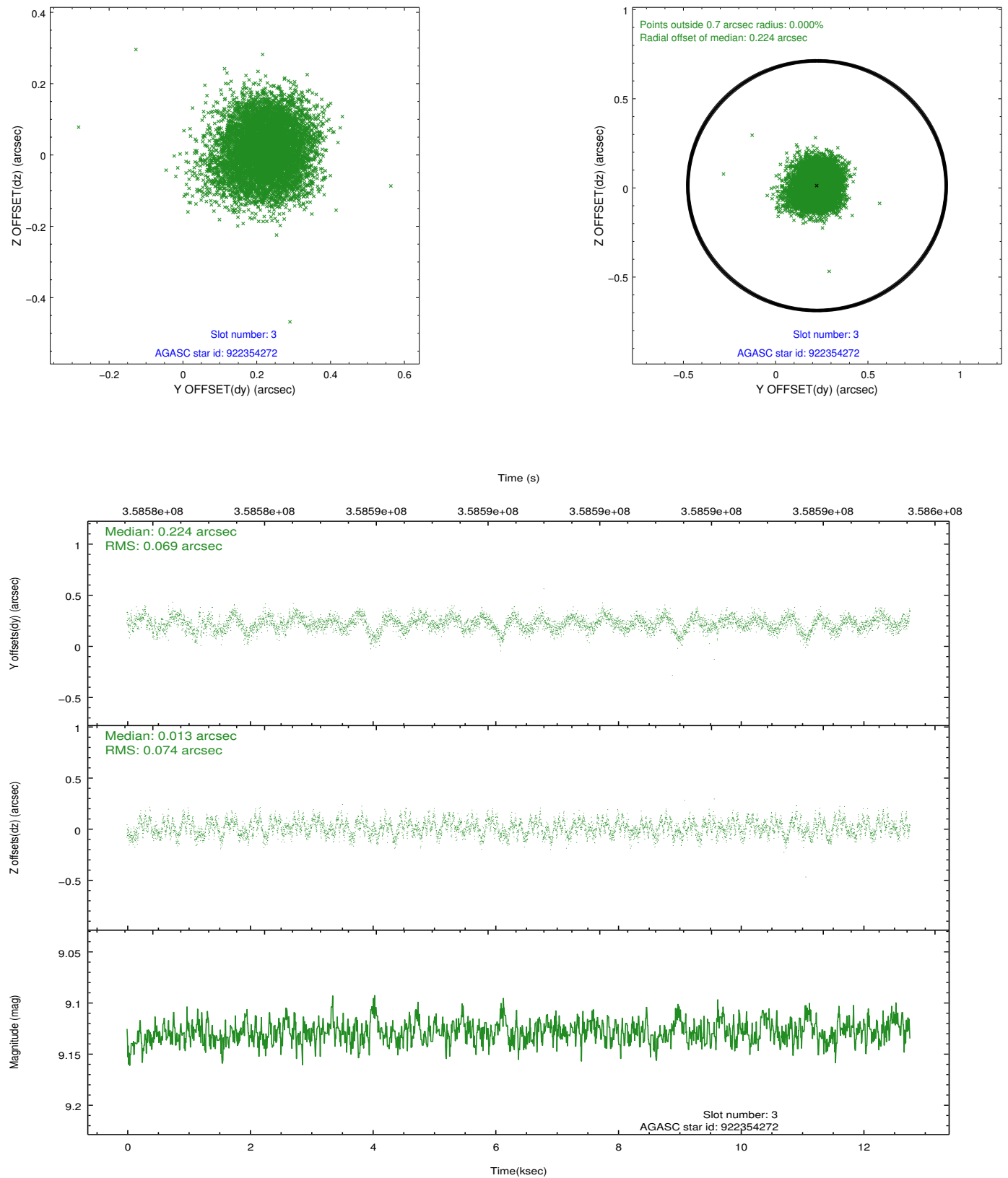


Slot Statistics

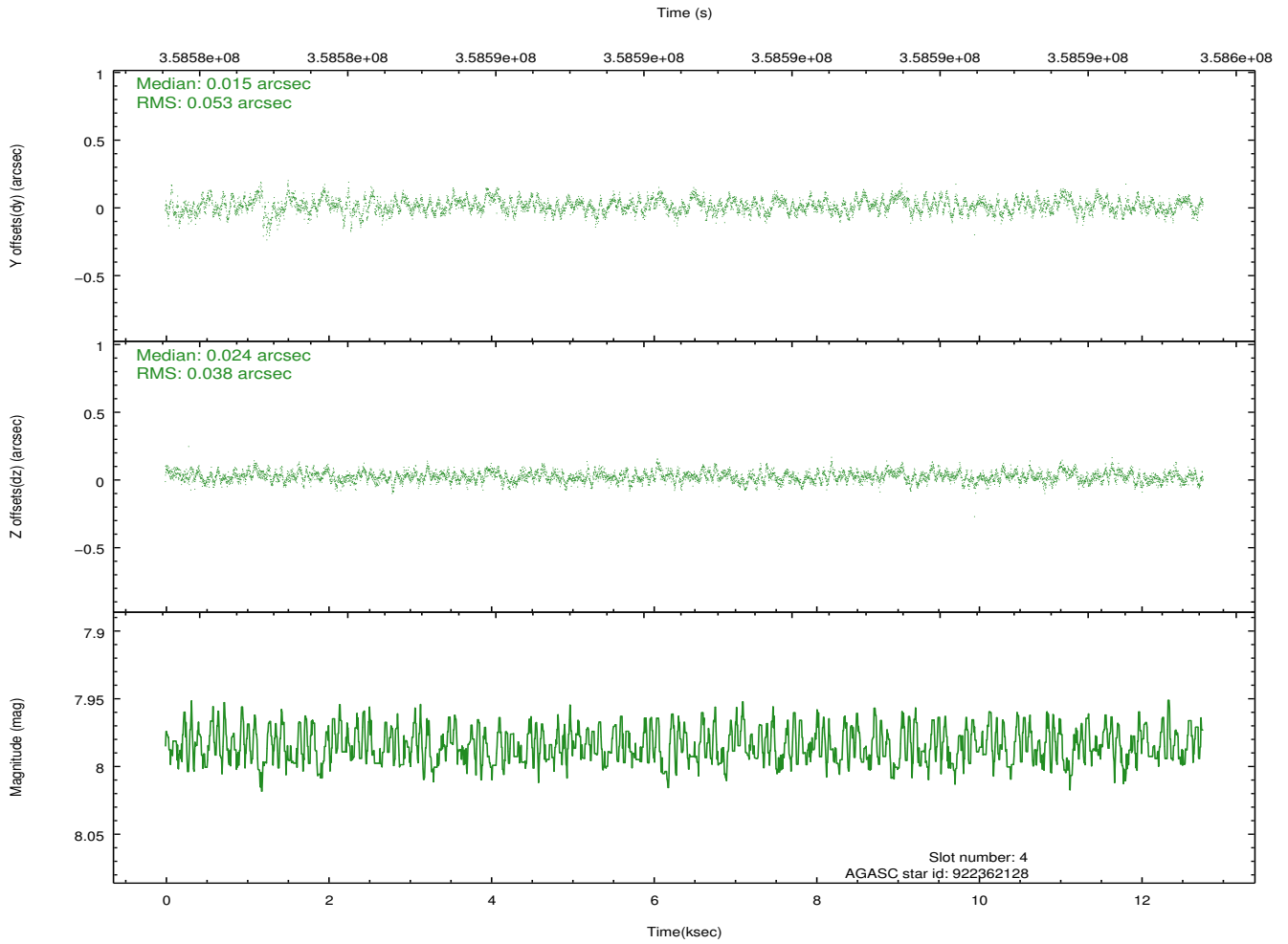
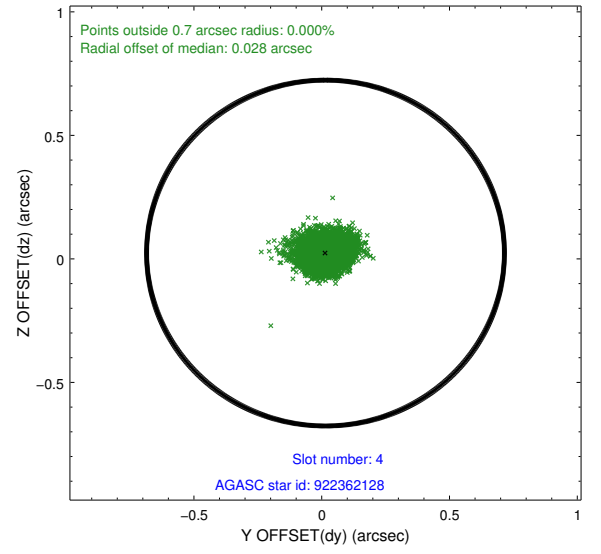
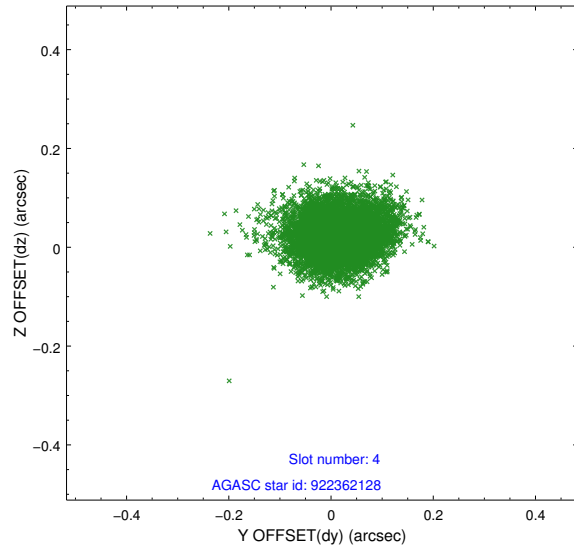
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	3112	-0.065	-0.050	0.009	0.015	0.000000	0.000000	-770.93	-1740.05
1	FID	ACIS-S-4	6.97	3113	0.190	0.045	0.014	0.025	0.000000	0.000000	2142.45	168.08
2	FID	ACIS-S-5	7.00	3113	-0.155	0.014	0.009	0.016	0.000000	0.000000	-1823.34	162.22
3	GUIDE	922354272	9.13	6225	0.224	0.013	0.109	0.168	63.511457	-31.861055	-236.60	-415.98
4	GUIDE	922362128	7.99	6227	0.015	0.024	0.068	0.112	63.802585	-31.789794	-1163.68	-411.19
5	GUIDE	922365648	7.50	6227	0.050	0.104	0.080	0.124	63.098764	-31.581103	695.00	-1734.47
6	GUIDE	922747704	9.70	6212	-0.111	-0.343	0.128	0.207	63.745139	-32.569560	-202.32	2231.22
7	GUIDE	922362784	9.77	6210	-0.172	0.202	0.110	0.184	64.067882	-31.635816	-2100.18	-711.65

2.4 Star Slots

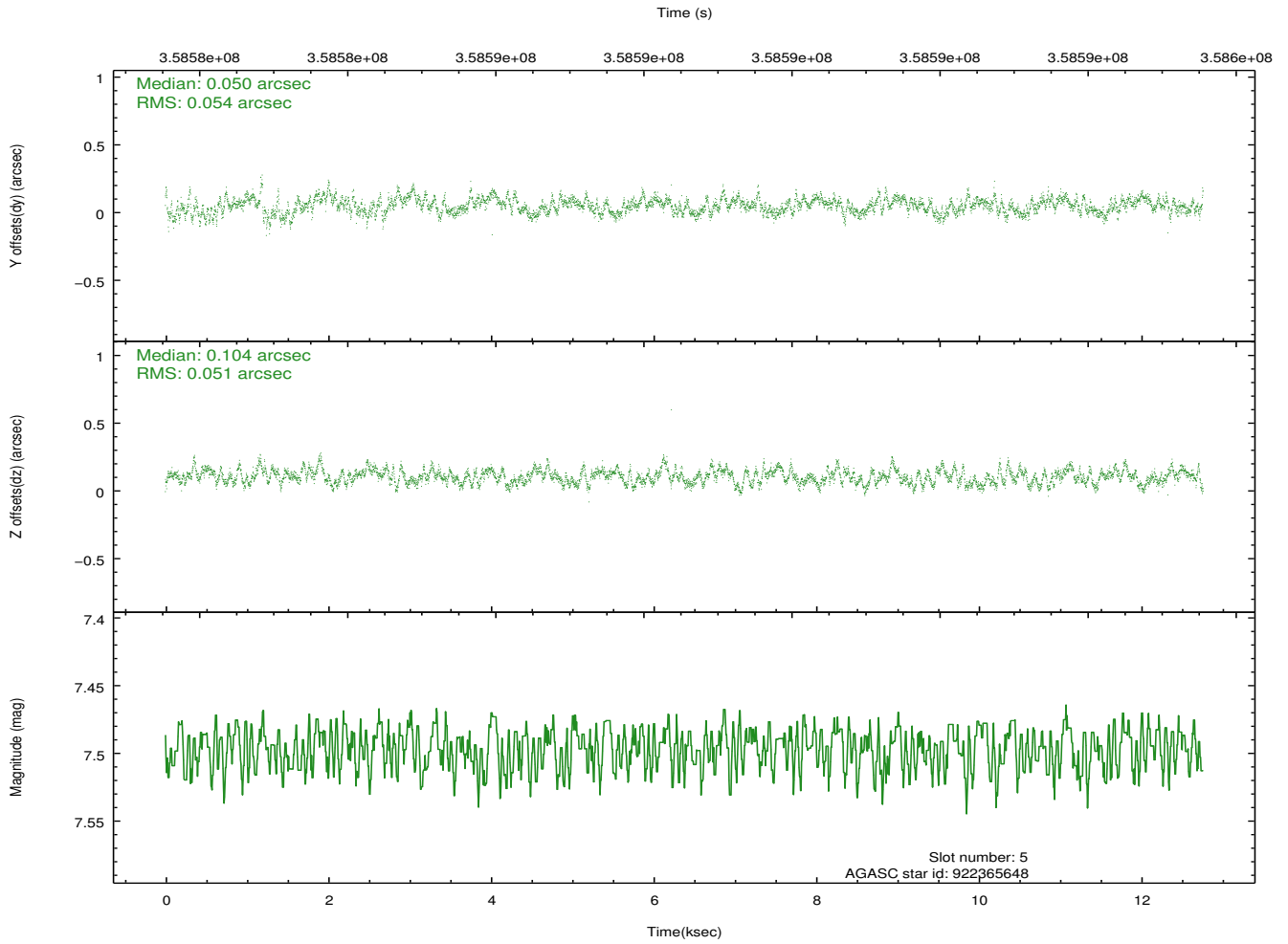
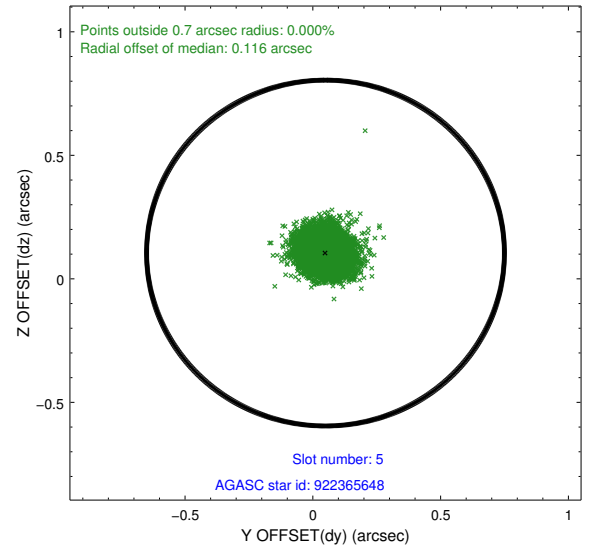
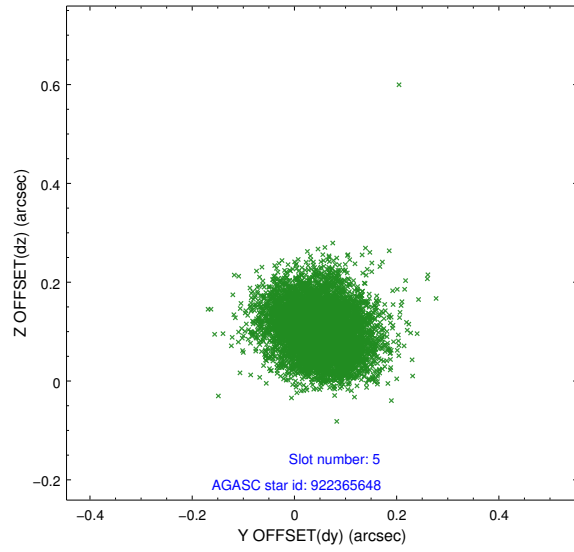
2.4.1 Slot 3



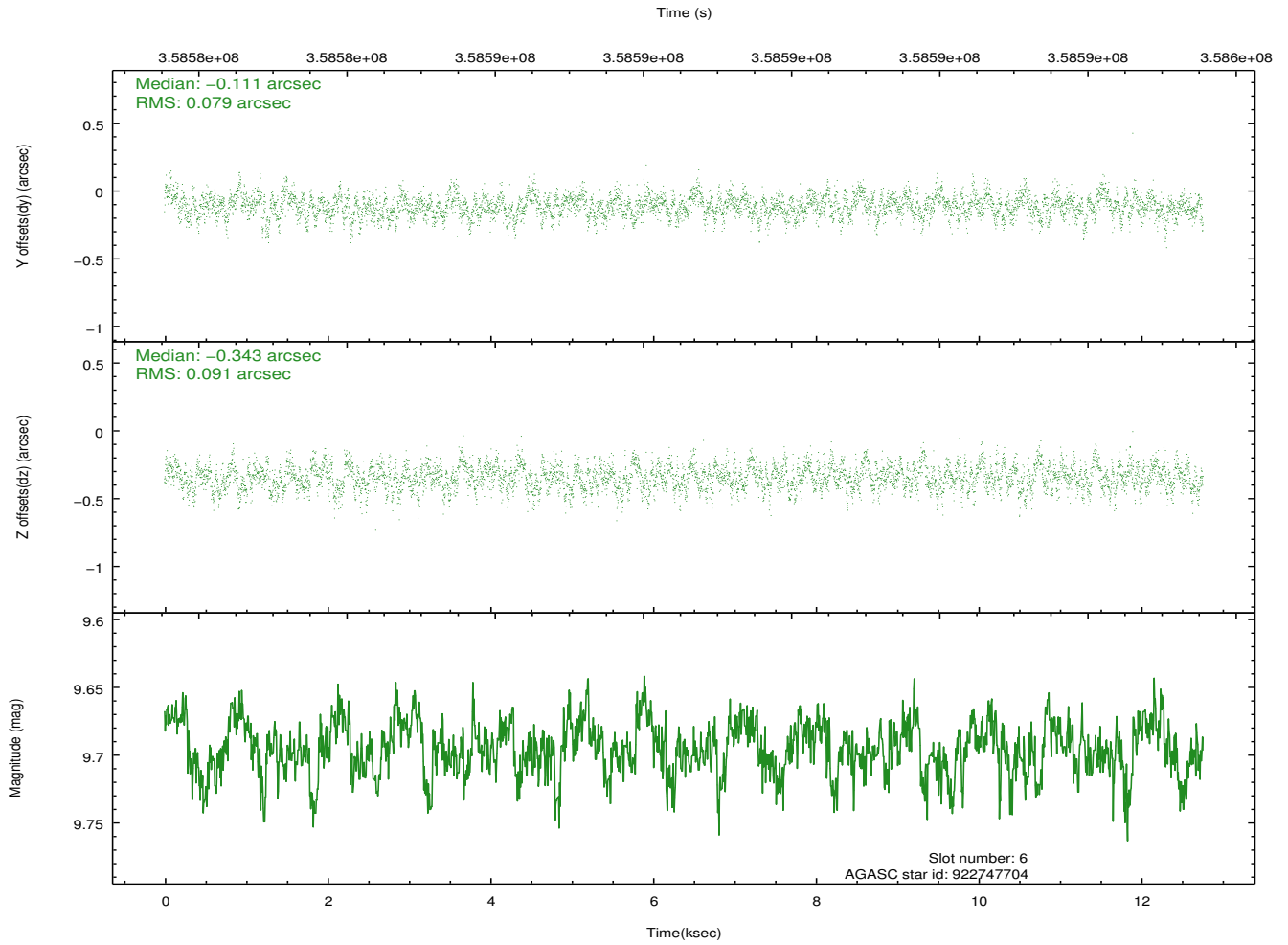
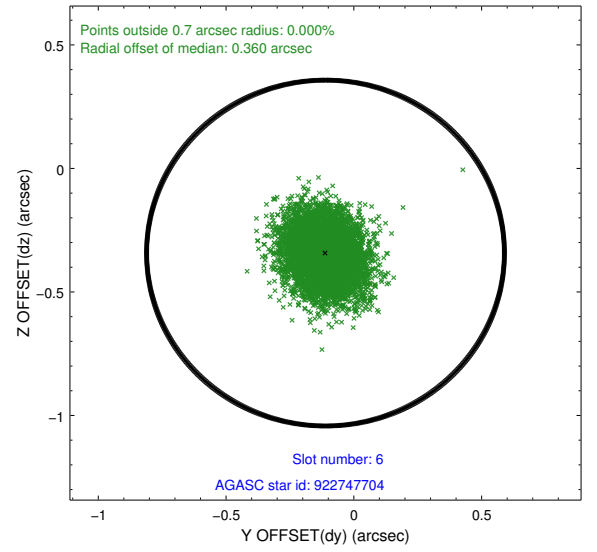
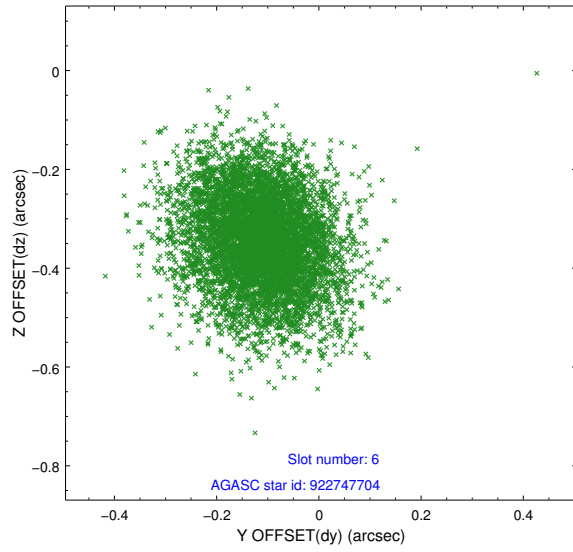
2.4.2 Slot 4



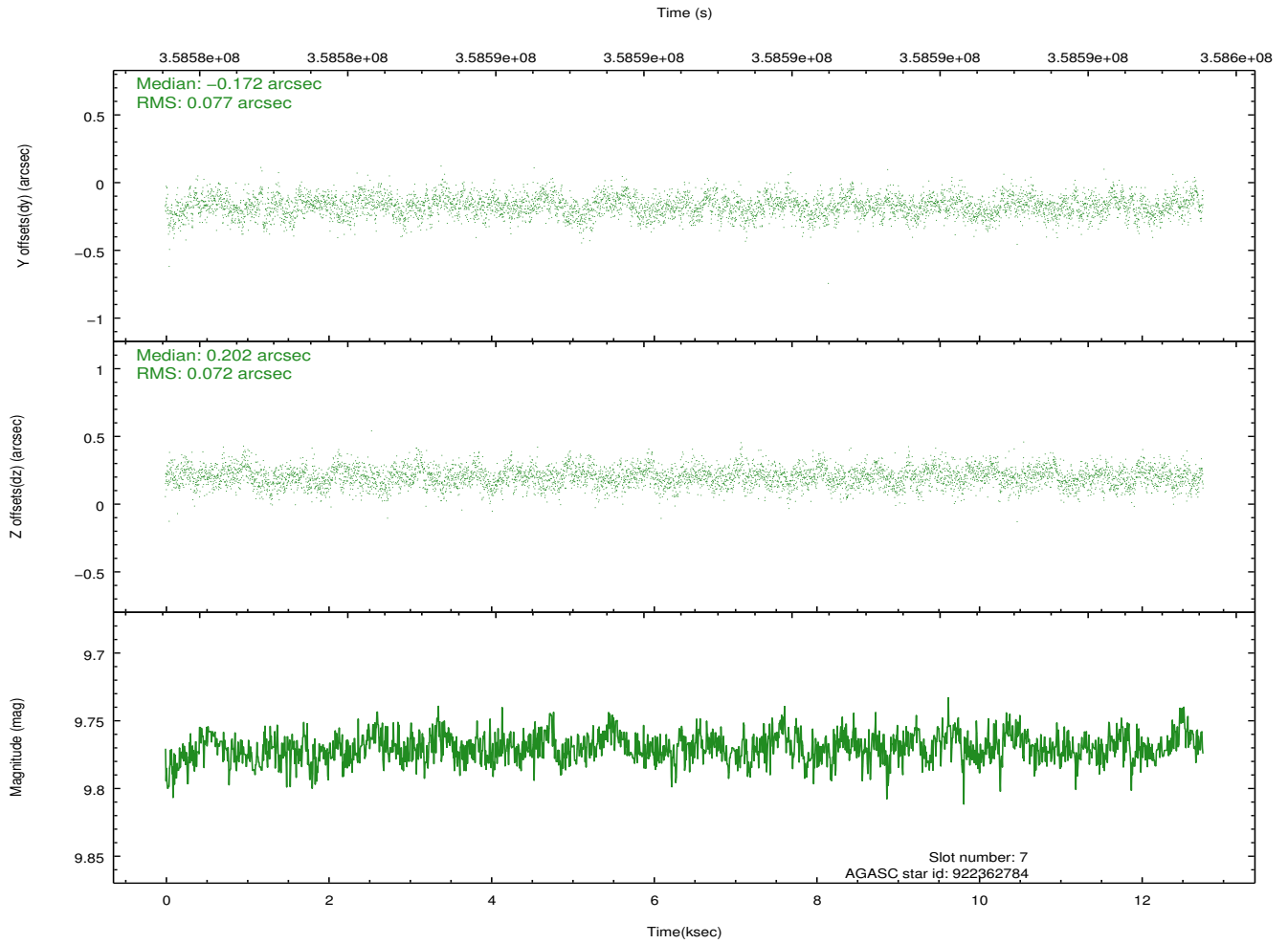
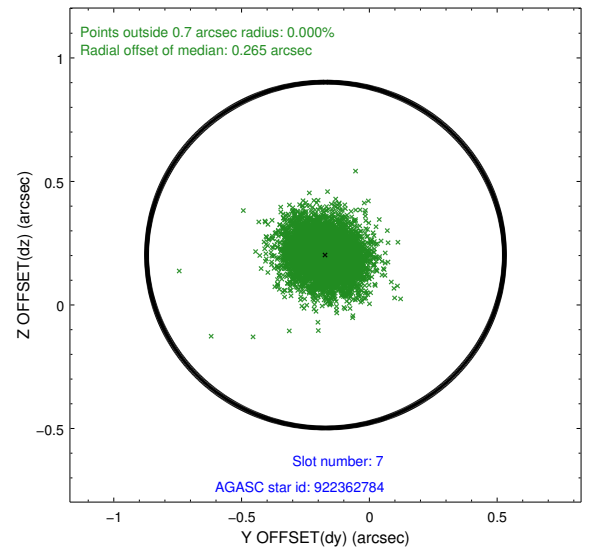
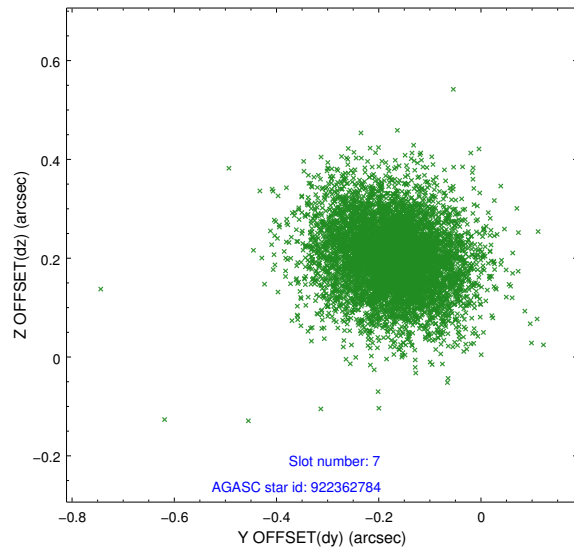
2.4.3 Slot 5



2.4.4 Slot 6

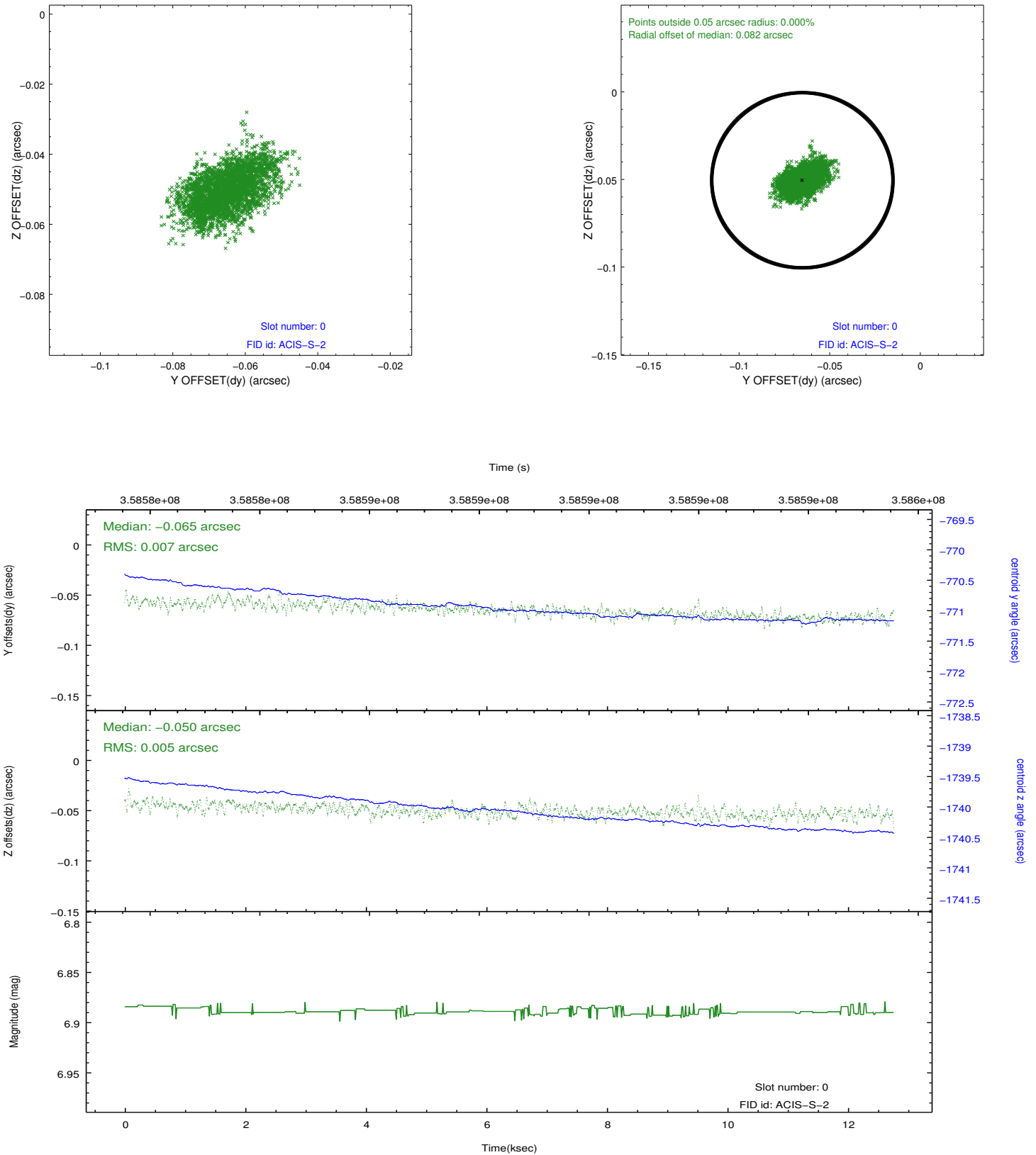


2.4.5 Slot 7

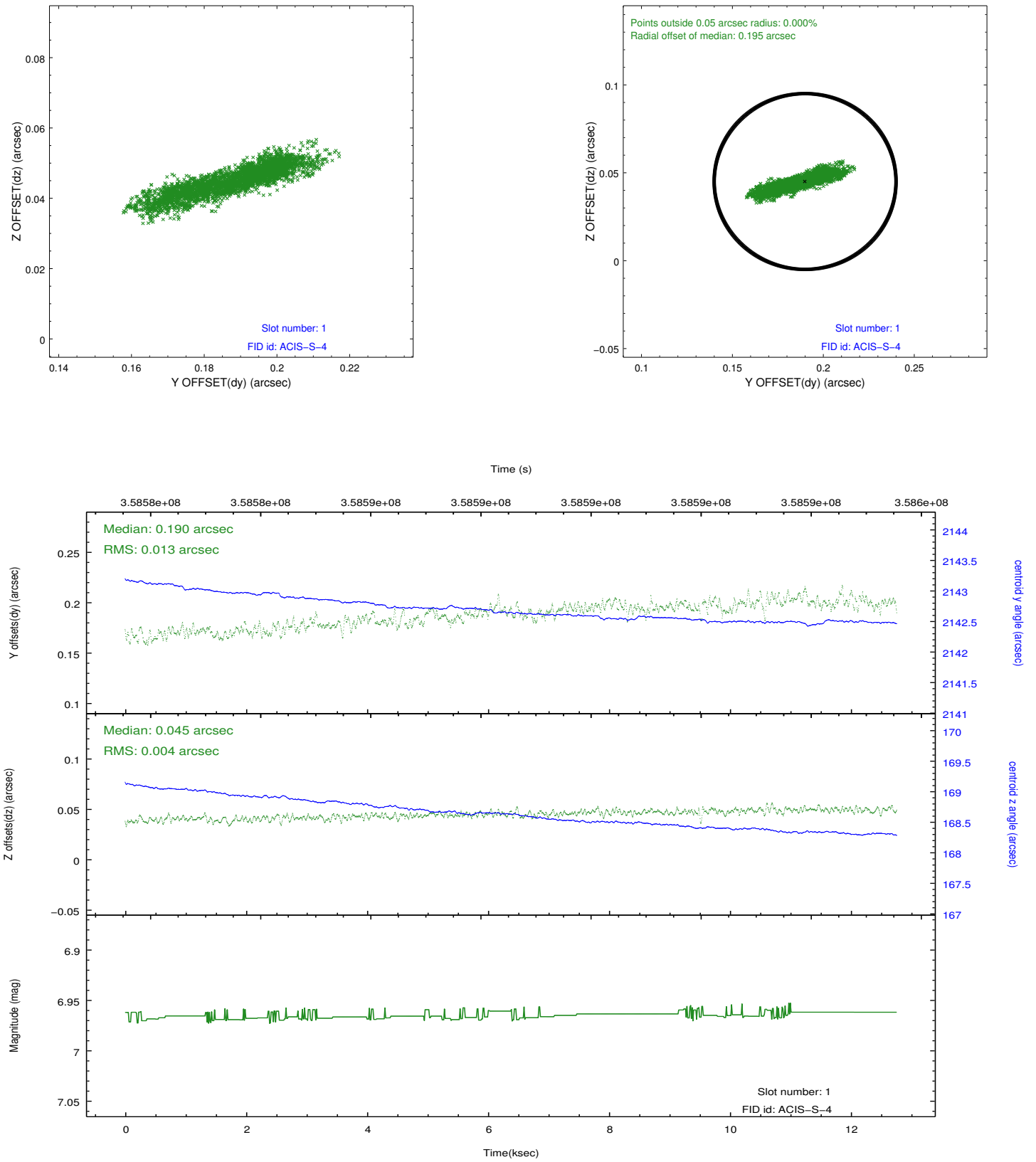


2.5 FID Slots

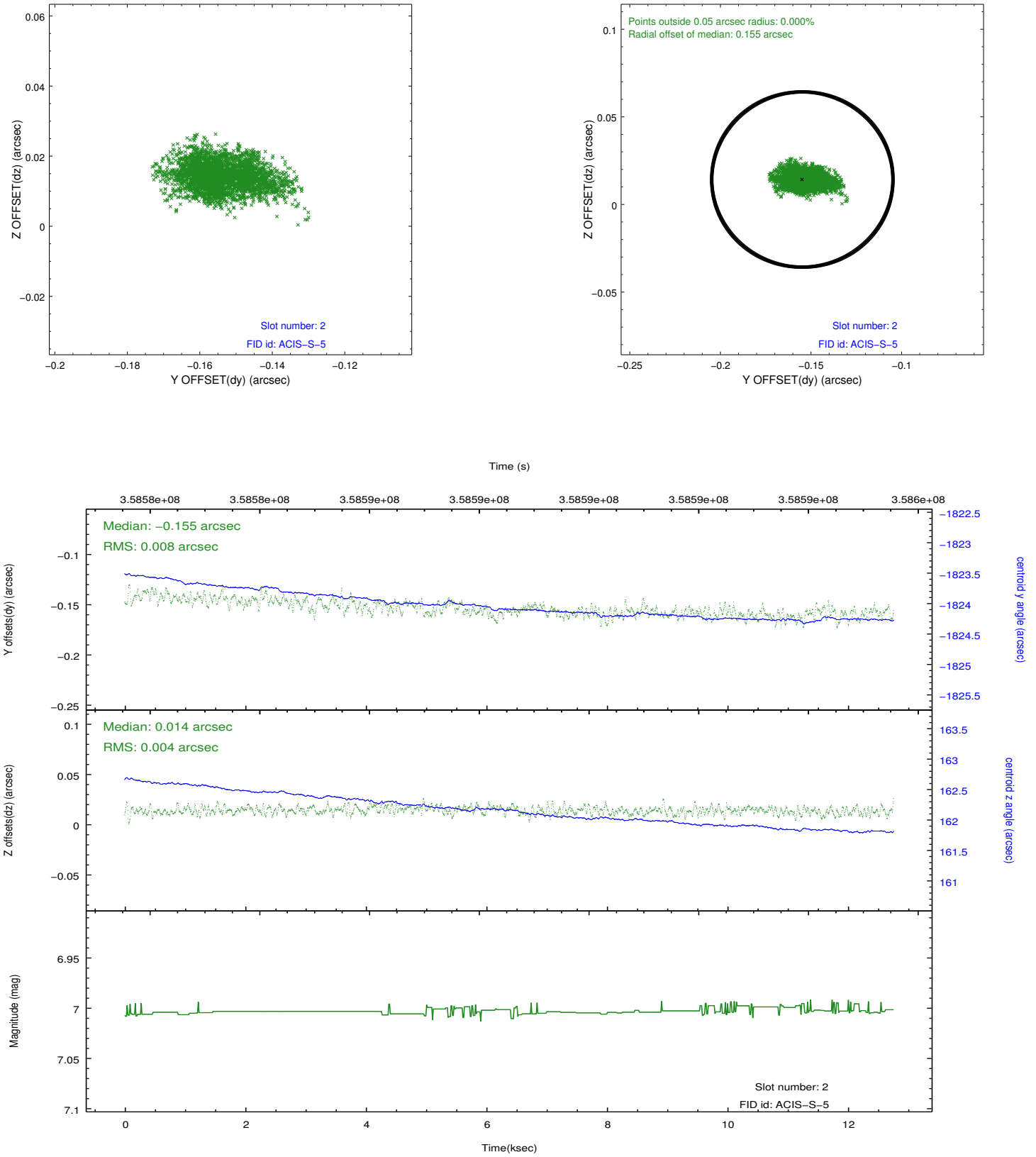
2.5.1 Slot 0



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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.759

A.2 Comments