

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 9929 - L2 Version 2
Chandra X-Ray Center

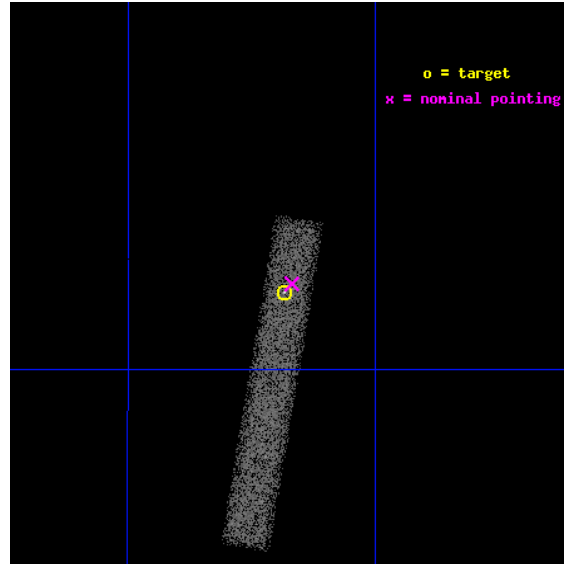
L2 Processing Date : Jun 14 2012

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1 Front

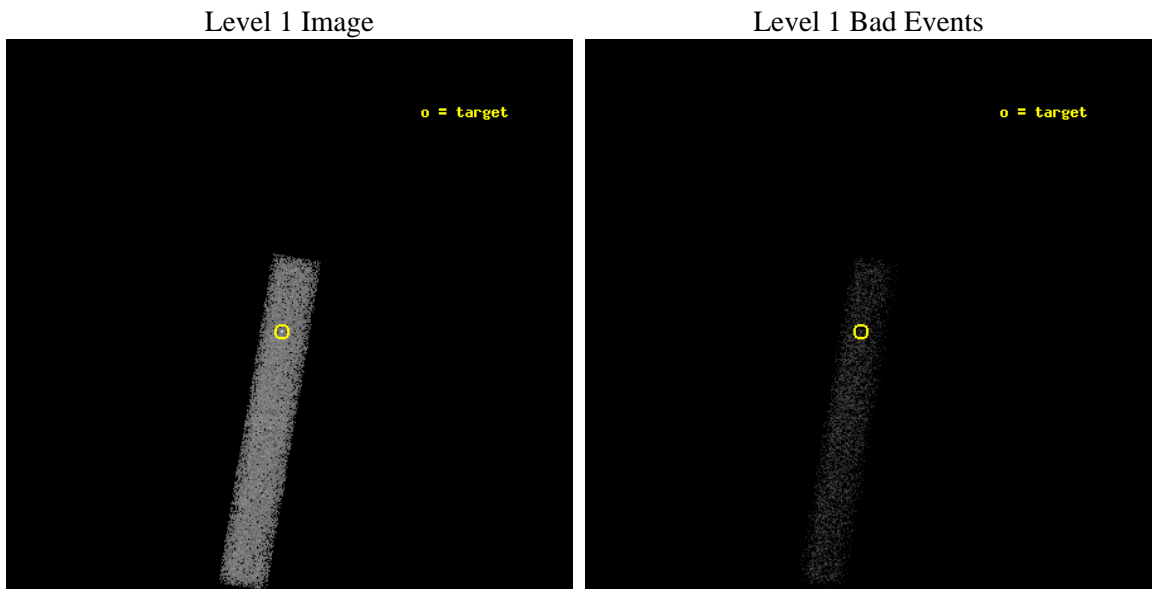
seq_num	200545	Sequence number
obs_id	9929	Observation id
title	Constraining the Effects of High Energy Photons on Proto-Planetary Disk Chemistry and Evolution	Proposal title
observer	Dr. Gregory Herczeg	Principal investigator
object	GM Aur	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	73.795833	Observer's specified target RA [deg]
dec_targ	30.3665	Observer's specified target Dec [deg]
ra_nom	73.792136477406	Nominal RA [deg]
dec_nom	30.370152502444	Nominal Dec [deg]
roll_nom	99.544367266171	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15029.999104142	Sum of GTIs [s]
livetime	13631.415839055	Livetime [s]
ontime7	15029.999104142	Sum of GTIs [s]
l2events	13766	Number of level 2 events



2 OBI

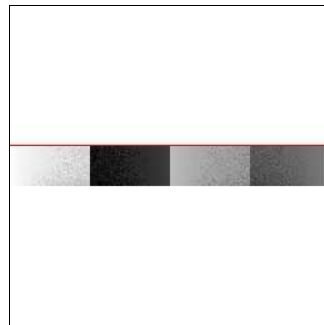
2.1 OBI

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	8.4.5	Processing system revision	ontime	15029.999104142	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	15029.999104142	Sum of GTIs [s]
date	2012-06-14T12:27:23	Date and time of file creation	l1events	31240	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

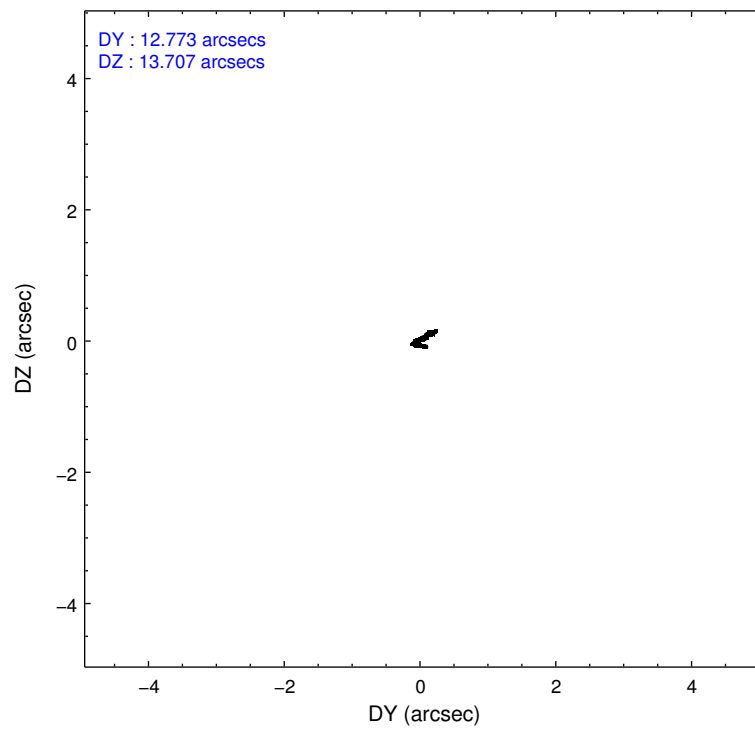
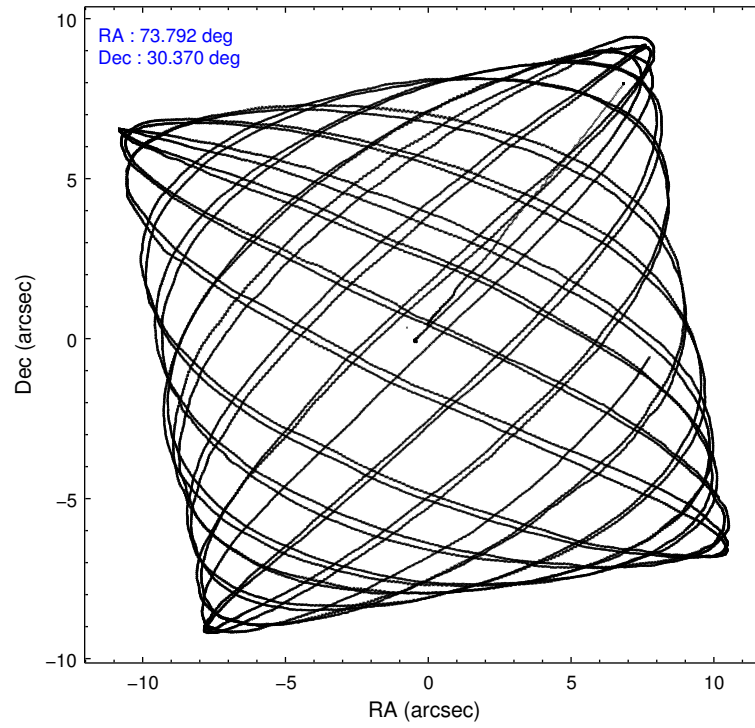
	ccd 7
level 1 events	31240
rejected events	16921
rejected %	54%

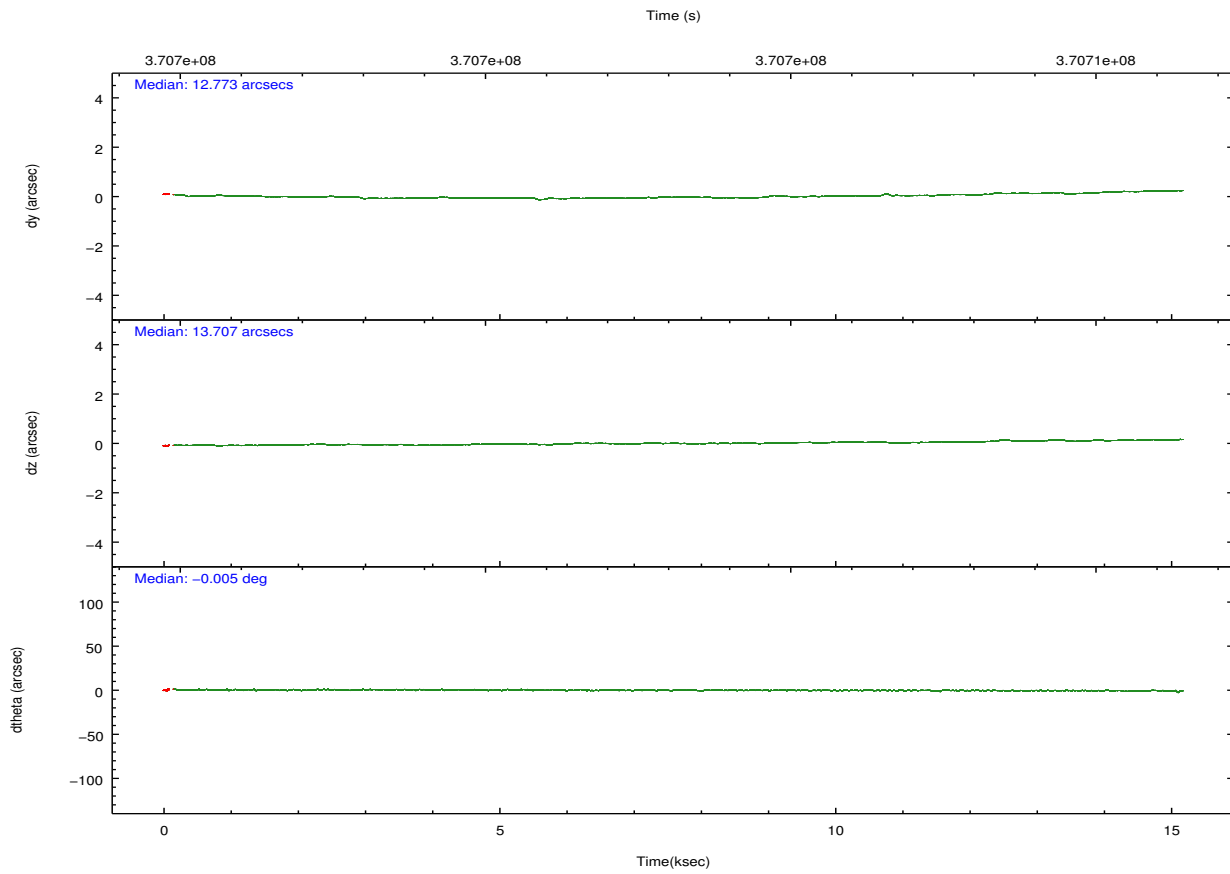
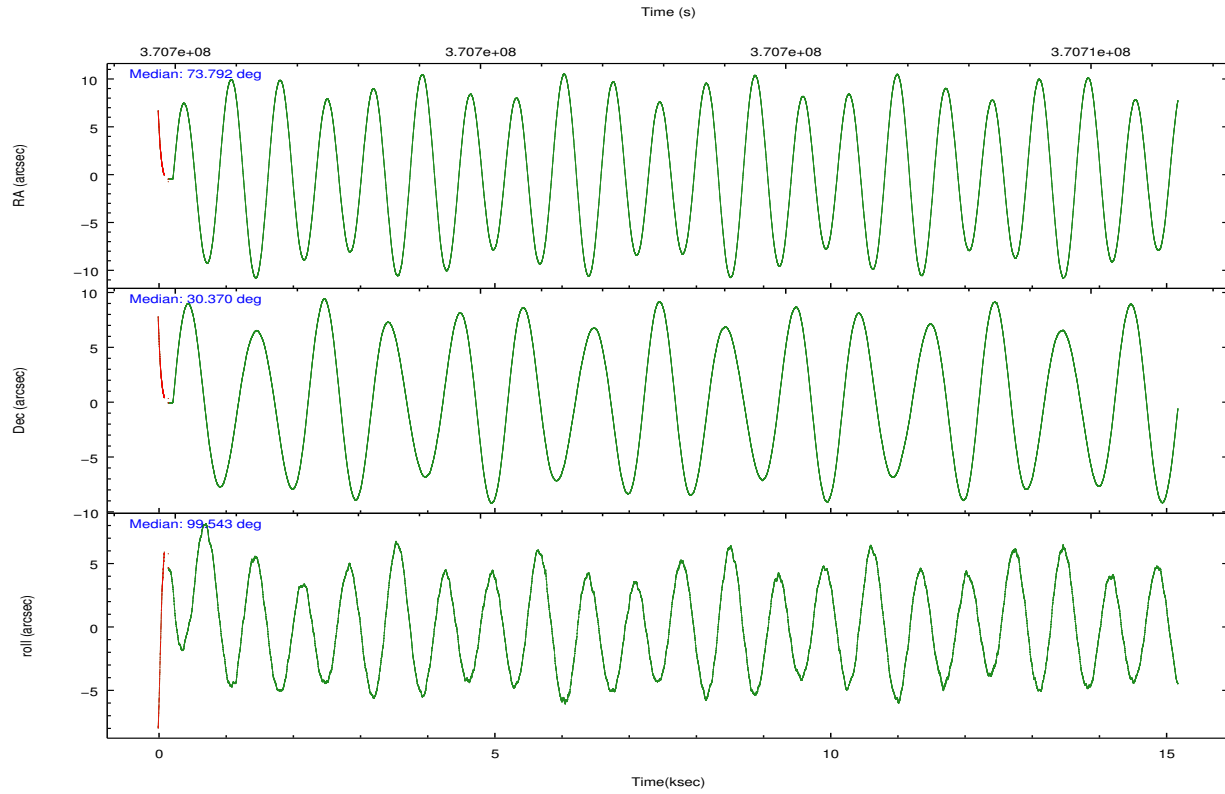
	ccd 7
grade 0 events	1576
	5%
grade 1 events	45
	0%
grade 2 events	2965
	9%
grade 3 events	1830
	5%
grade 4 events	1748
	5%
grade 5 events	2863
	9%
grade 6 events	6729
	21%
grade 7 events	13484
	43%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	73.812638	73.79213647740553	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	30.349308	30.37015250244408	Subarray start row	449	449
[deg] Pointing Roll	99.377386	99.5443672661707	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)	370695657.184000	370694776.60855			
Observation start date	2009-09-30T10:59:51	2009-09-30T10:46:16			
[s] Observation end time (MET)	370710657.184000	370711536.3844			
Observation end date	2009-09-30T15:09:51	2009-09-30T15:25:36			
Read mode	TIMED	TIMED			

2.3 Aspect





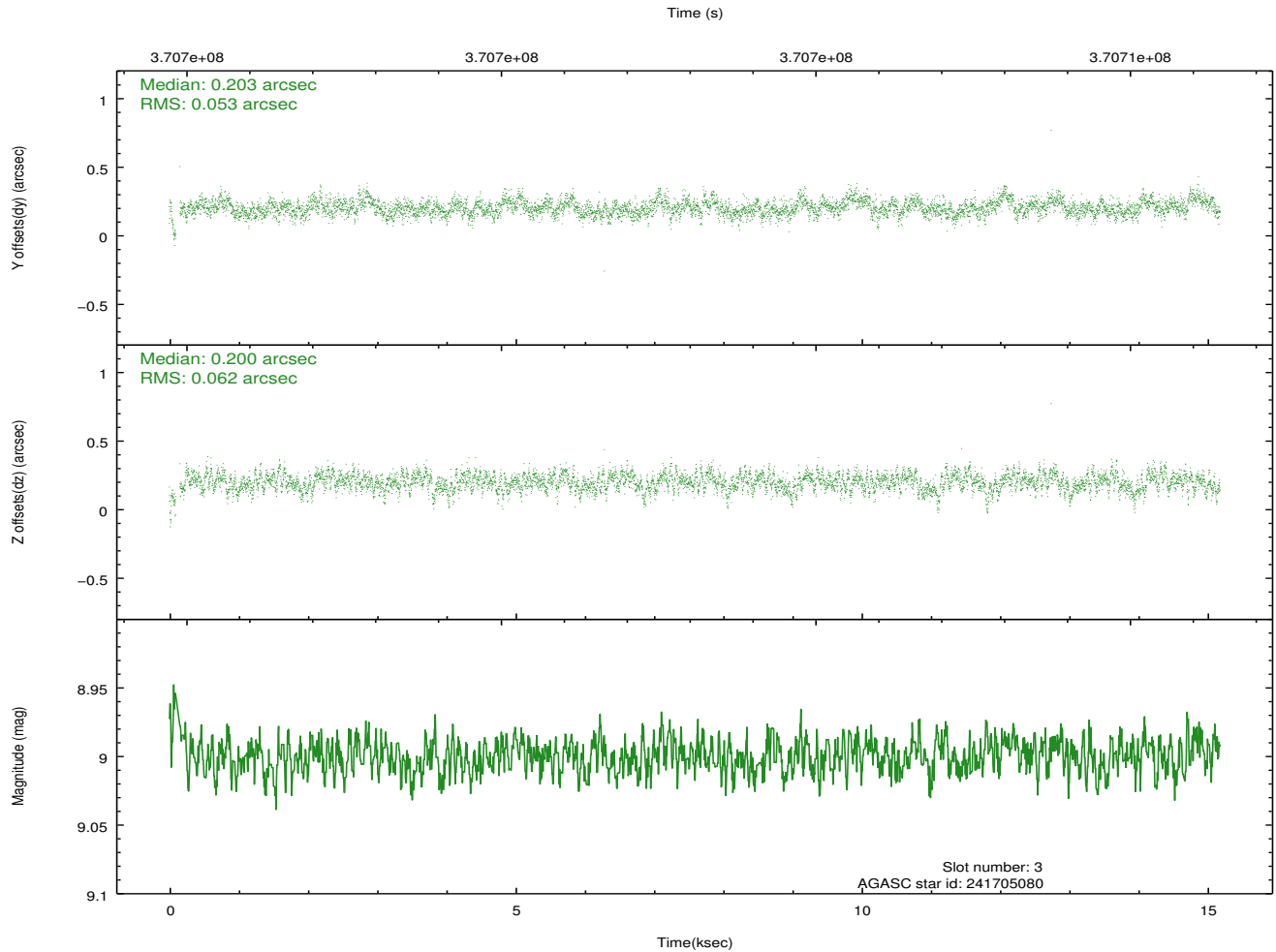
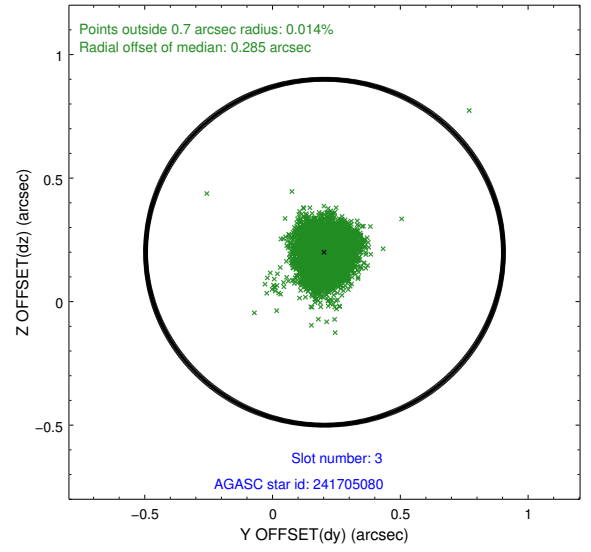
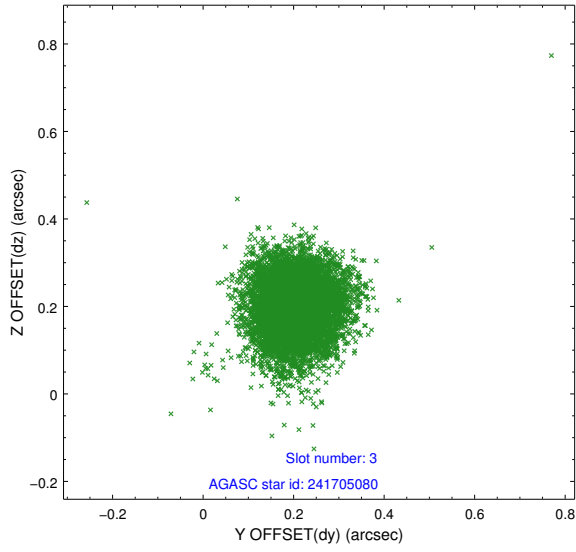
Slot Statistics

	status	id	mag	n_pts	med_dy	med_dz	dr1
	FID	ACIS-S-1	7.06	3689	0.067	-0.024	0.007
	FID	ACIS-S-4	7.05	3689	0.111	-0.011	0.009
	FID	ACIS-S-5	7.09	3688	-0.205	0.047	0.008
	GUIDE	241705080	9.00	7374	0.203	0.200	0.084
	GUIDE	312872256	8.03	7377	-0.519	-0.385	0.057
	GUIDE	241700792	8.04	7376	0.120	0.148	0.066
	GUIDE	312870232	8.01	7377	0.195	0.032	0.068
0.000	0.000	0.000	0.000000	0.000000	0.00	0.00	

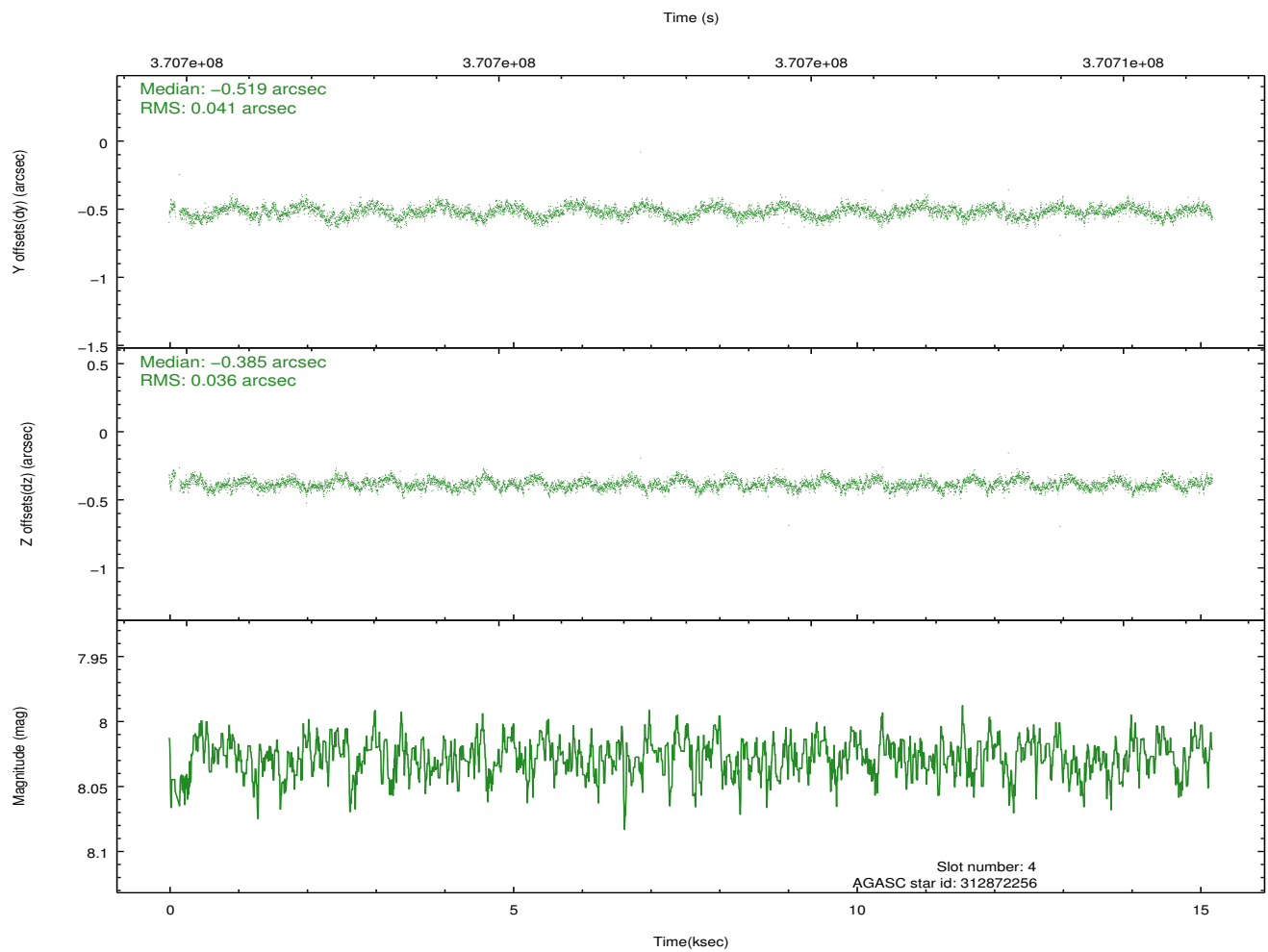
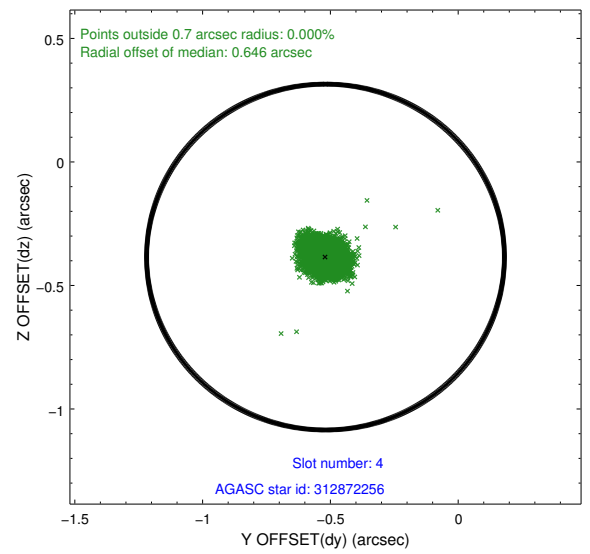
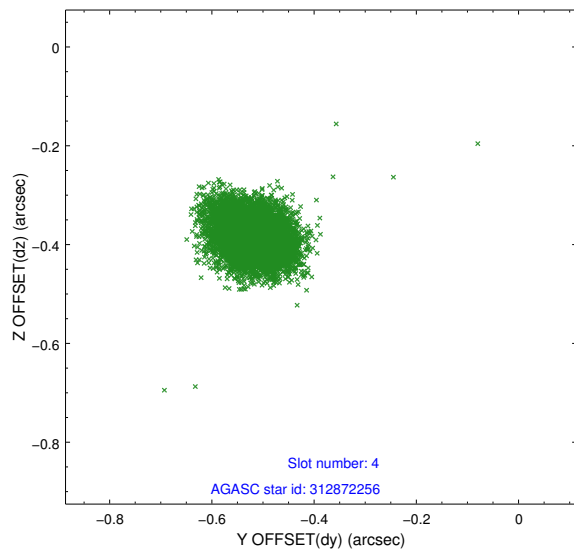
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2.4 Star Slots

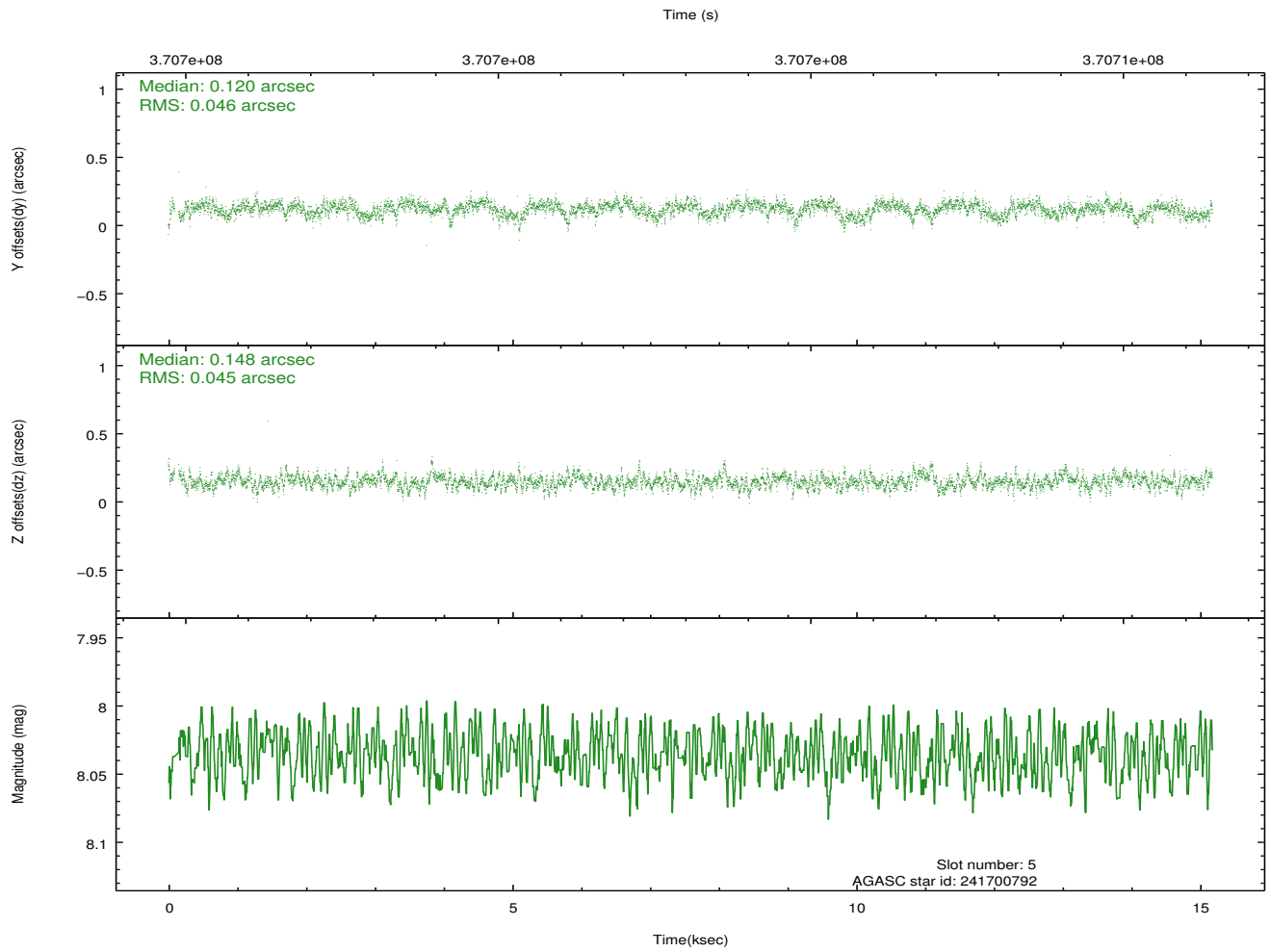
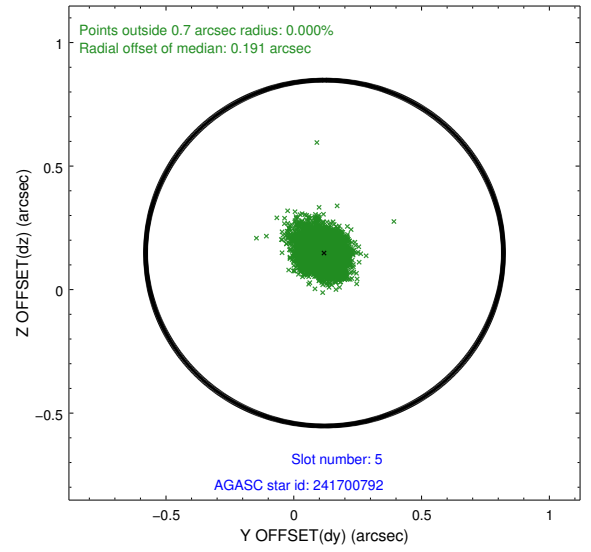
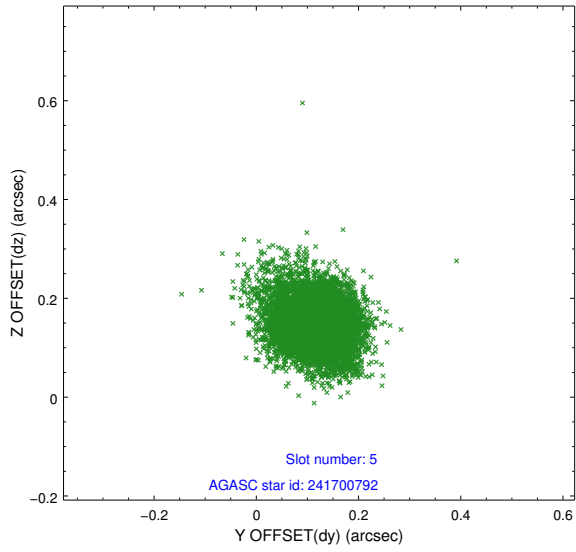
2.4.1 Slot 3



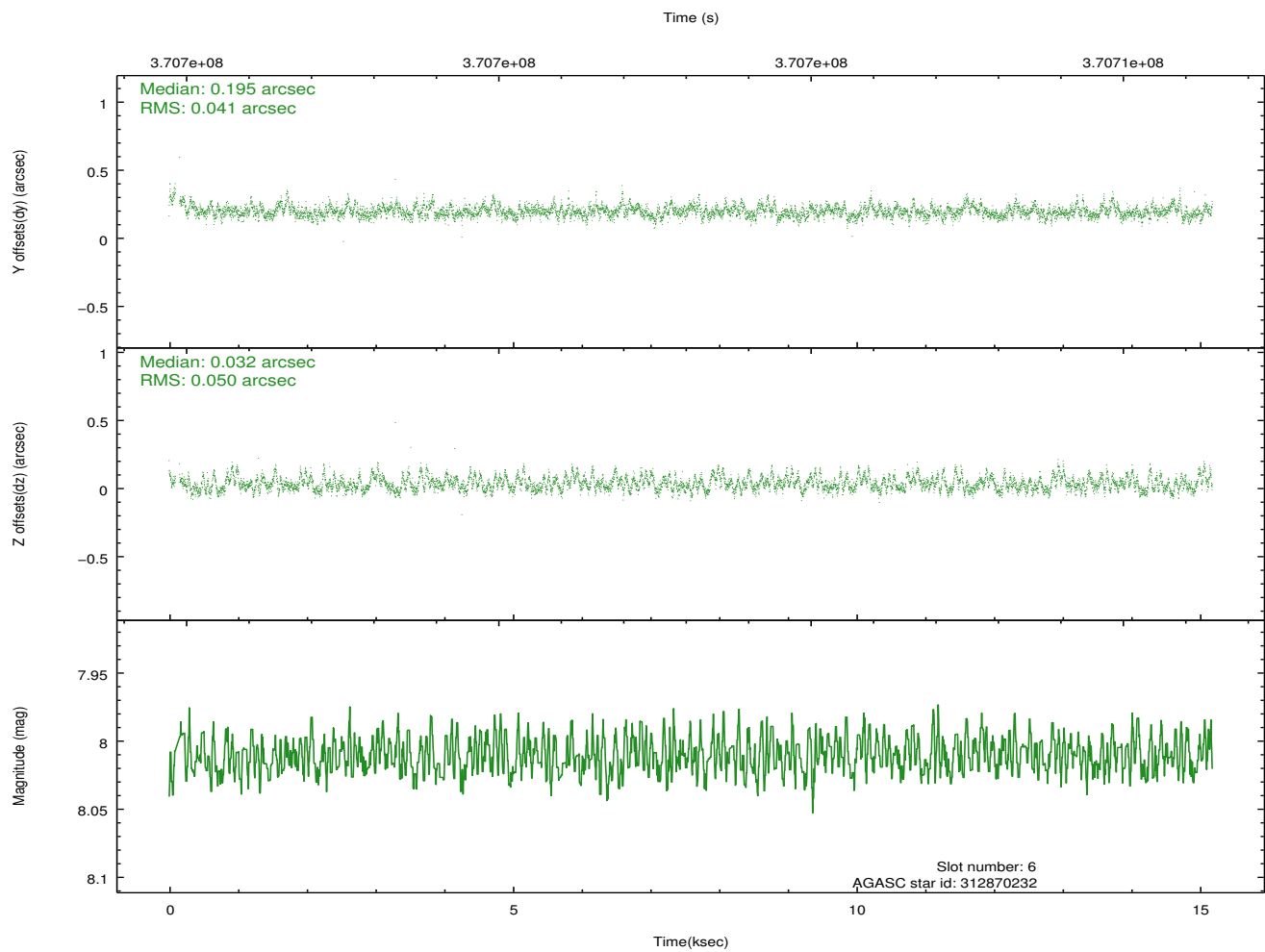
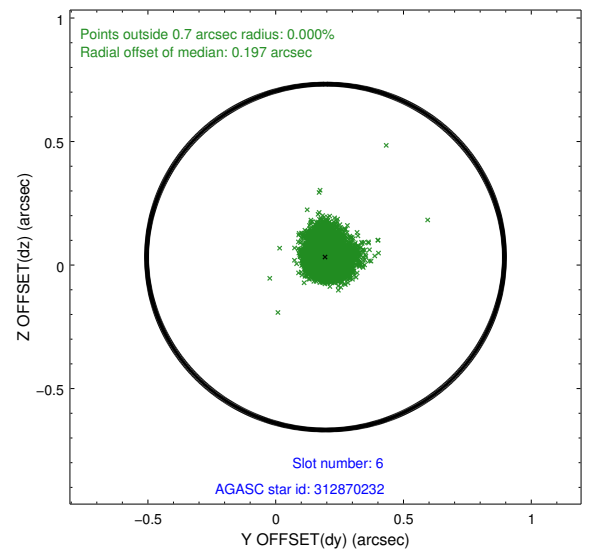
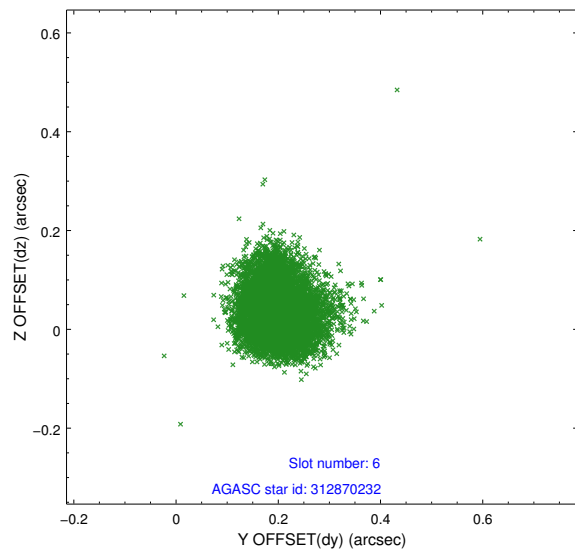
2.4.2 Slot 4



2.4.3 Slot 5

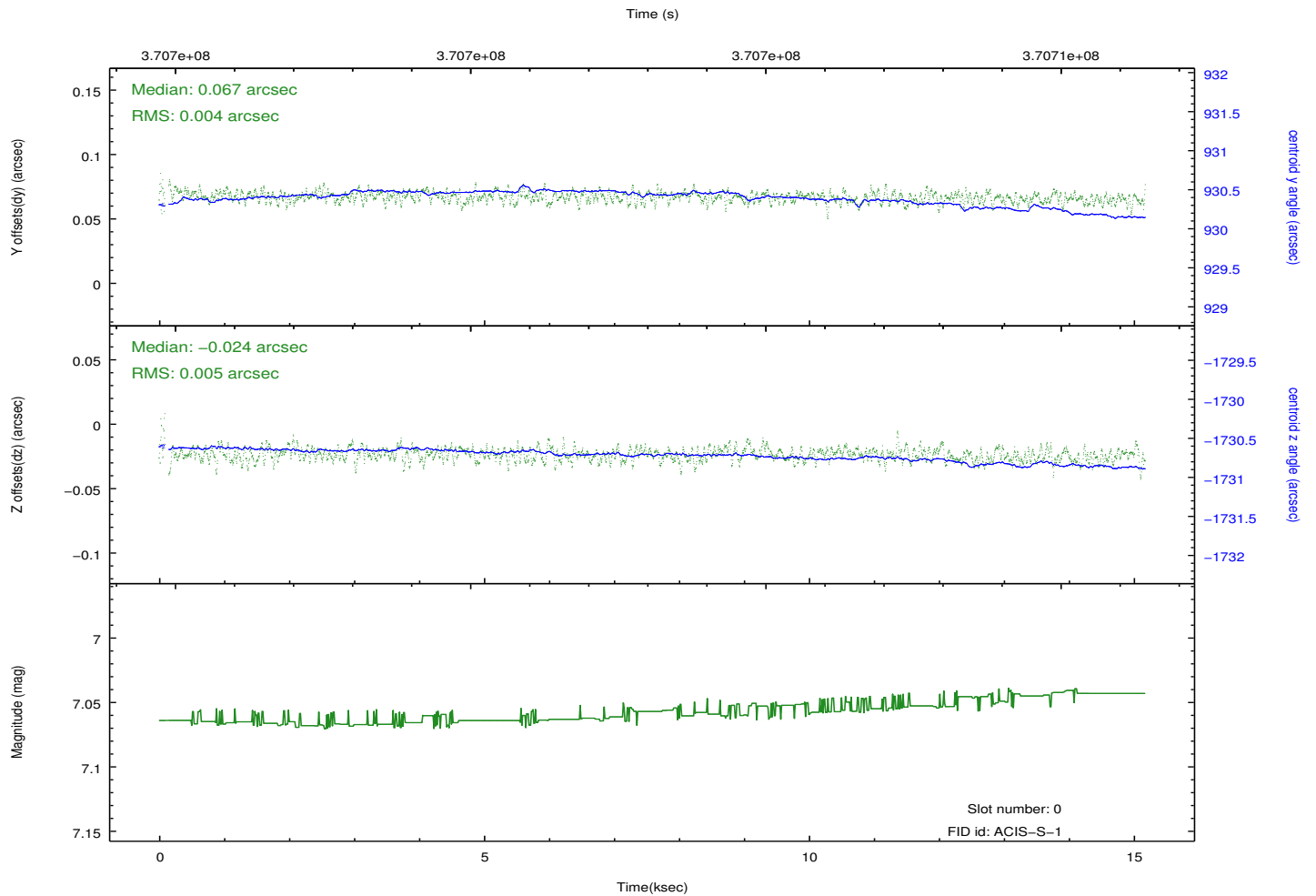
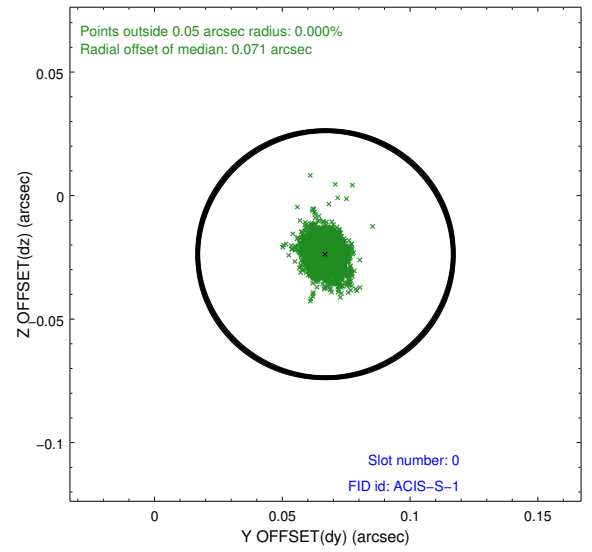
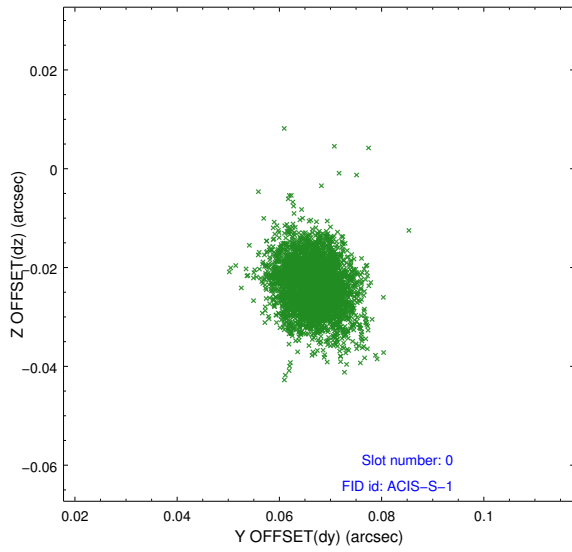


2.4.4 Slot 6

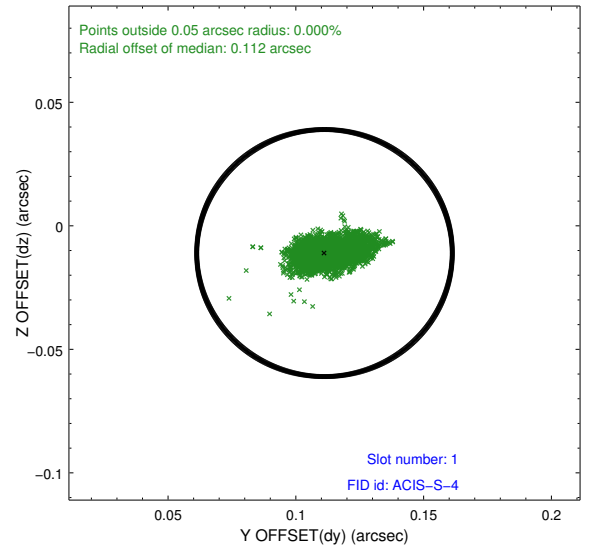
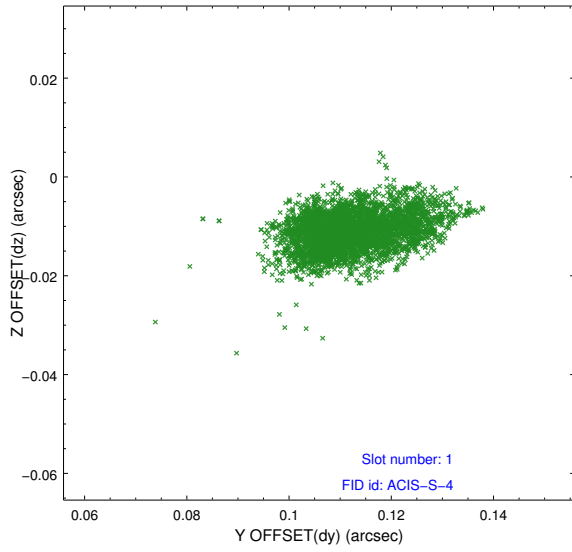


2.5 FID Slots

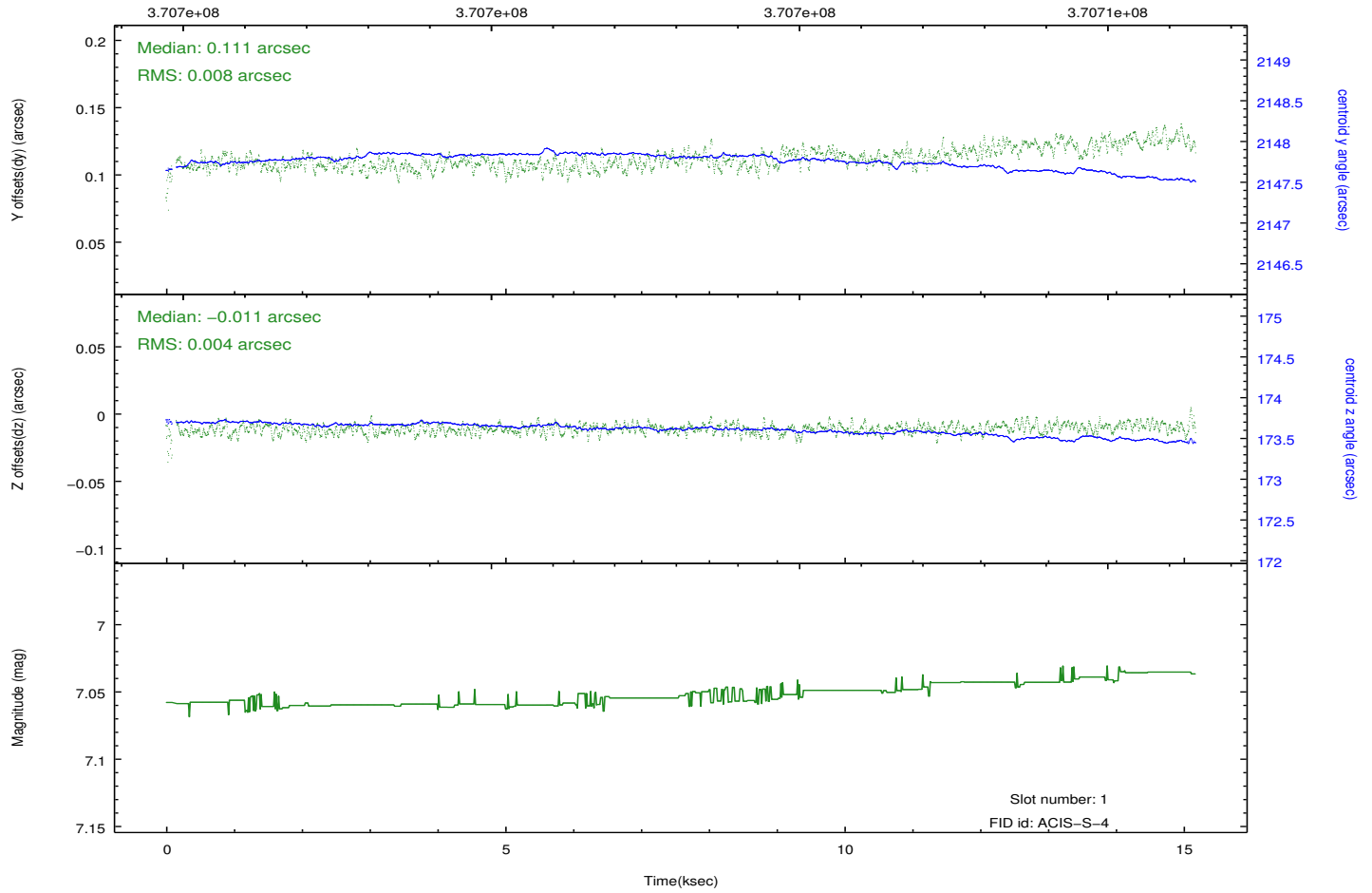
2.5.1 Slot 0



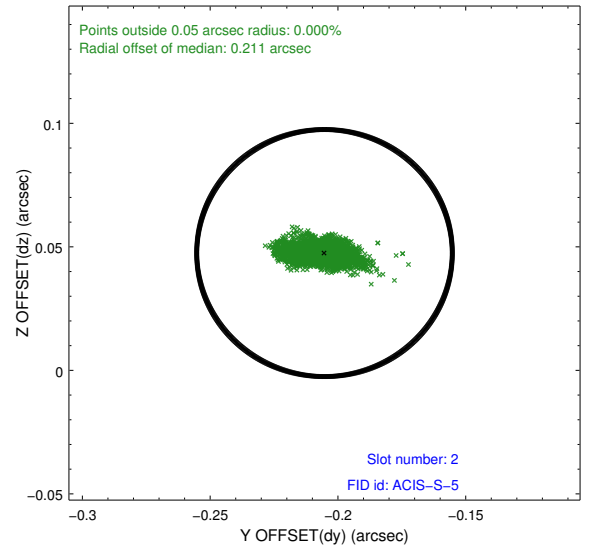
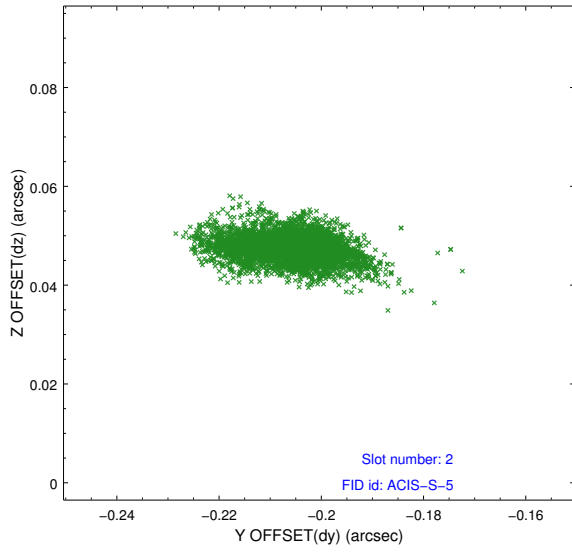
2.5.2 Slot 1



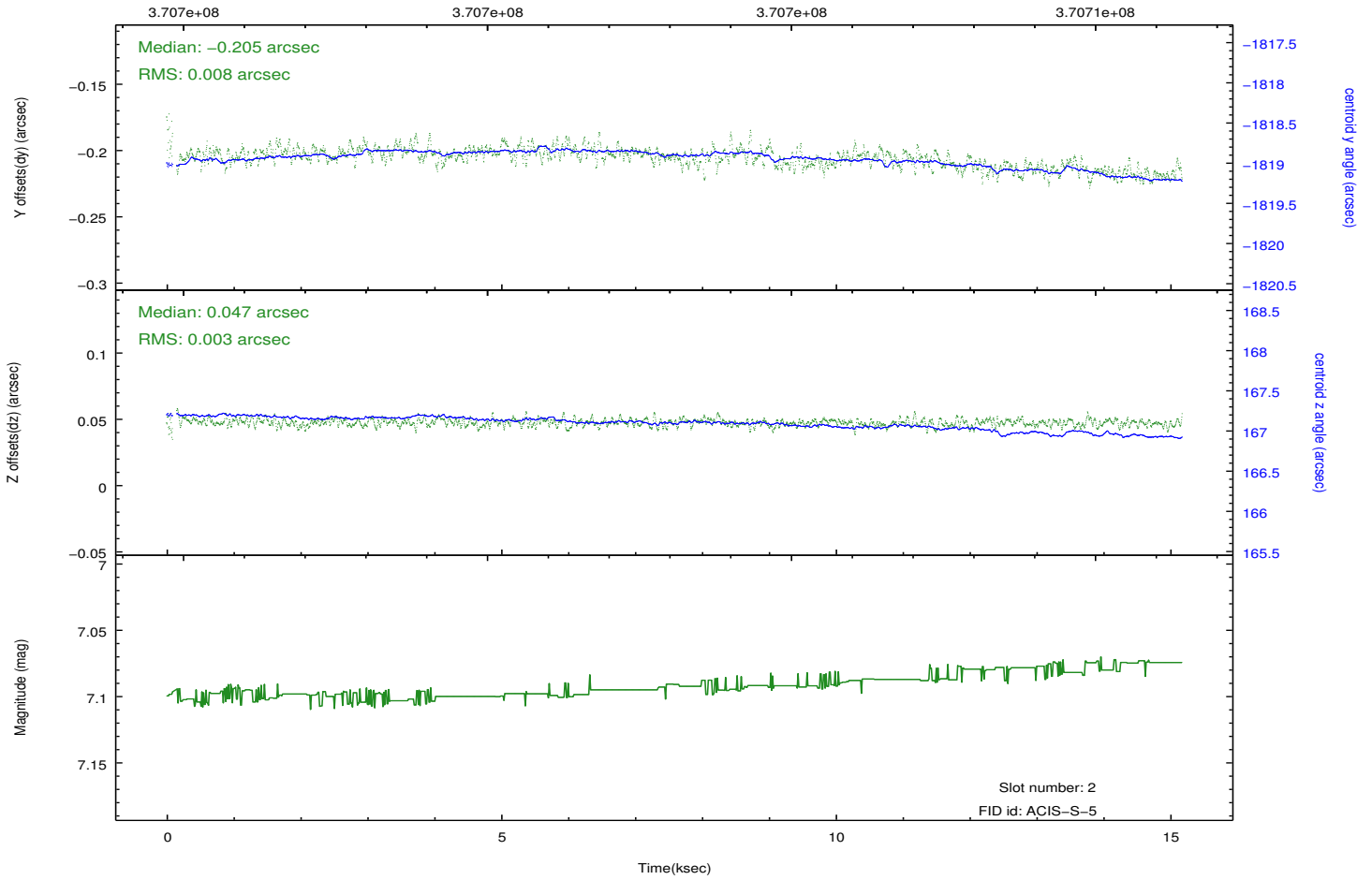
Time (s)



2.5.3 Slot 2



Time (s)



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.029999104142

A.2 Comments

Joint proposal: NOAO. Slot 7 used for photometry.