

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18345 - L2 Version 1
Chandra X-Ray Center

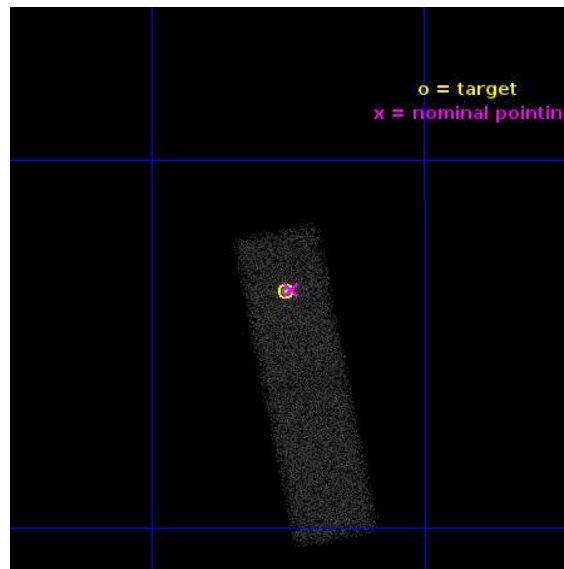
L2 Processing Date : Jan 29 2016

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1 Front

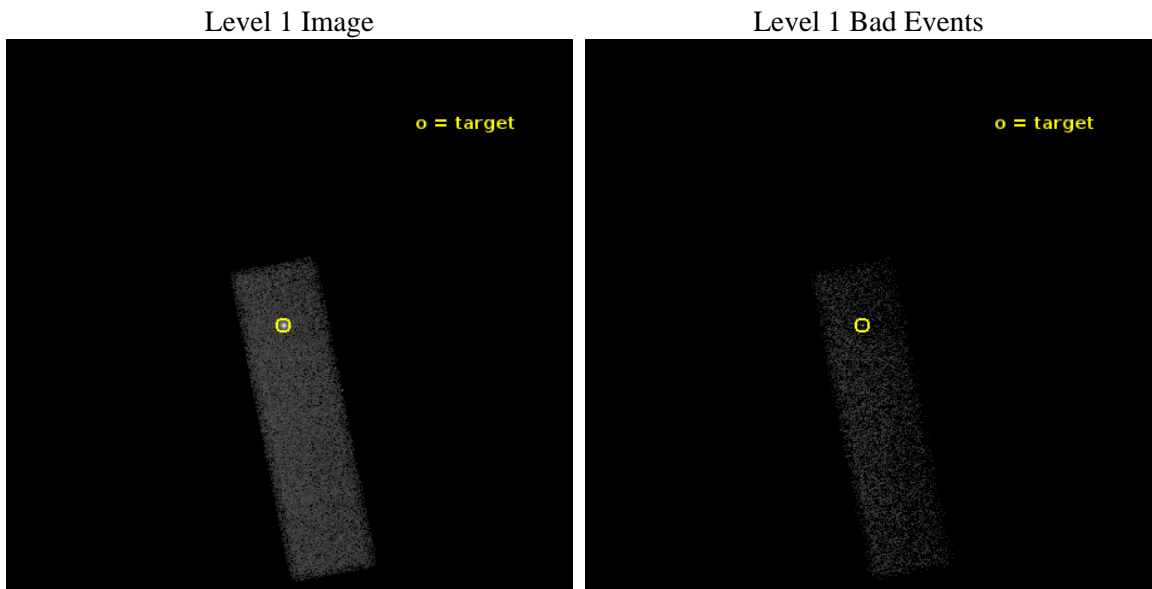
seq_num	703277	Sequence number
obs_id	18345	Observation id
title	Long-Term Multi-wavelength Monitoring of a Stellar Tidal Disruption at Only 90 Mpc	Proposal title
observer	Dr. Walter Maksym	Principal investigator
object	ASASSN-14li	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.063333	Observer's specified target RA [deg]
dec_targ	17.774028	Observer's specified target Dec [deg]
ra_nom	192.06088545297	Nominal RA [deg]
dec_nom	17.774661905733	Nominal Dec [deg]
roll_nom	79.128230221443	Nominal Roll [deg]
revision	1	Processing version of data
ontime	25060.647571087	Sum of GTIs [s]
livetime	23837.769971547	Livetime [s]
ontime7	25060.647571087	Sum of GTIs [s]
l2events	32575	Number of level 2 events



2 OBI

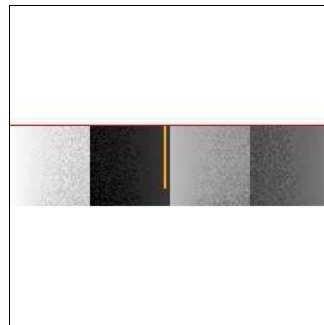
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	25060.647571087	Sum of GTIs [s]
caldbver	4.7.0	 	ontime7	25060.647571087	Sum of GTIs [s]
date	2016-01-29T11:53:20	Date and time of file creation	l1events	60173	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

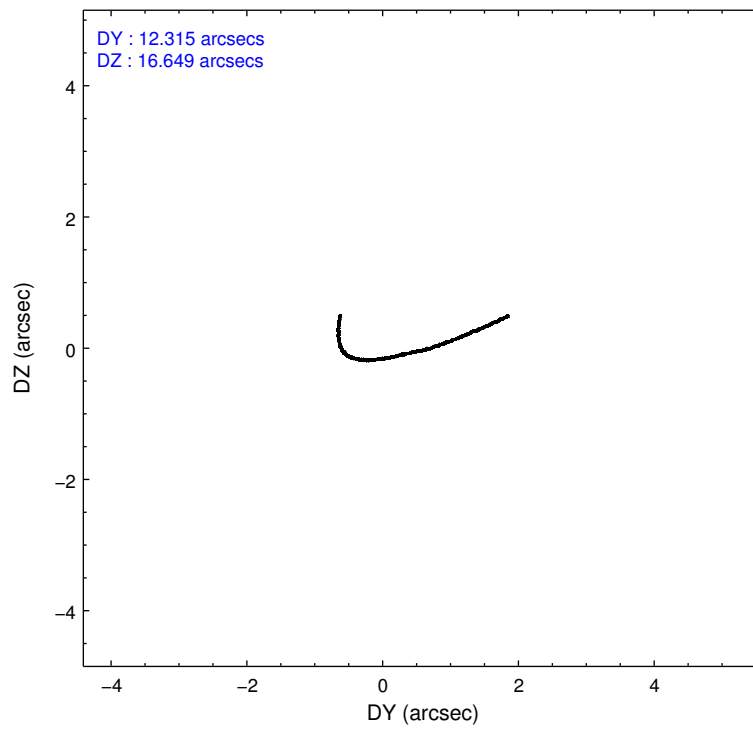
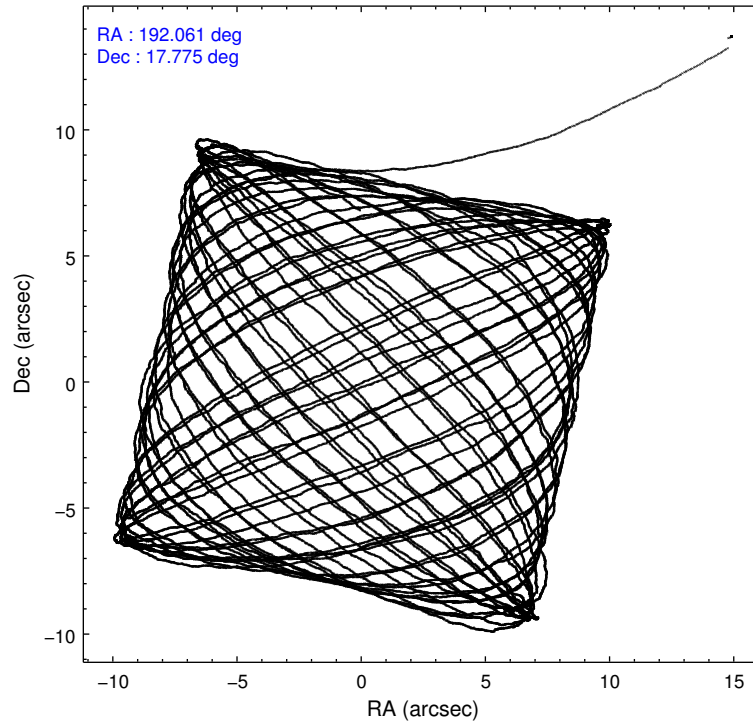
	ccd 7
level 1 events	60173
rejected events	26835
rejected %	44%

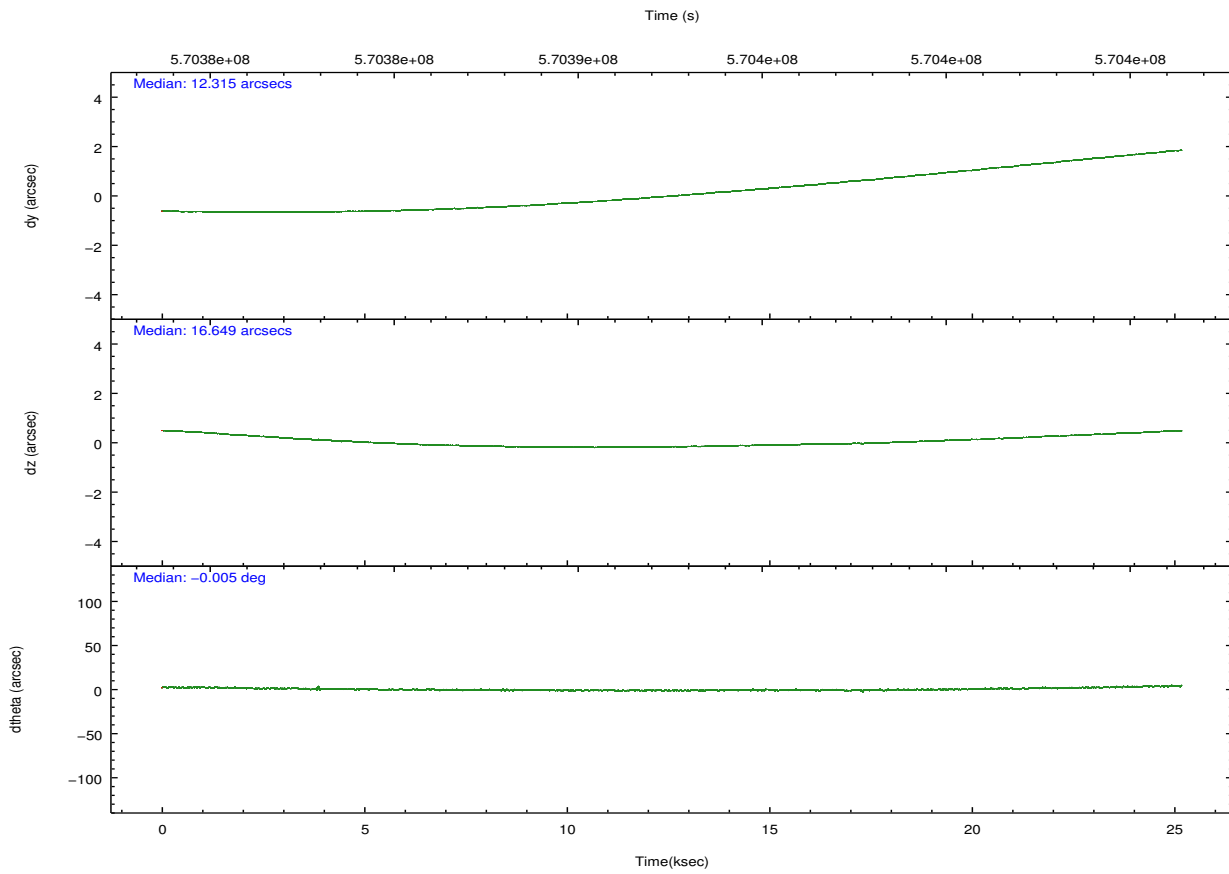
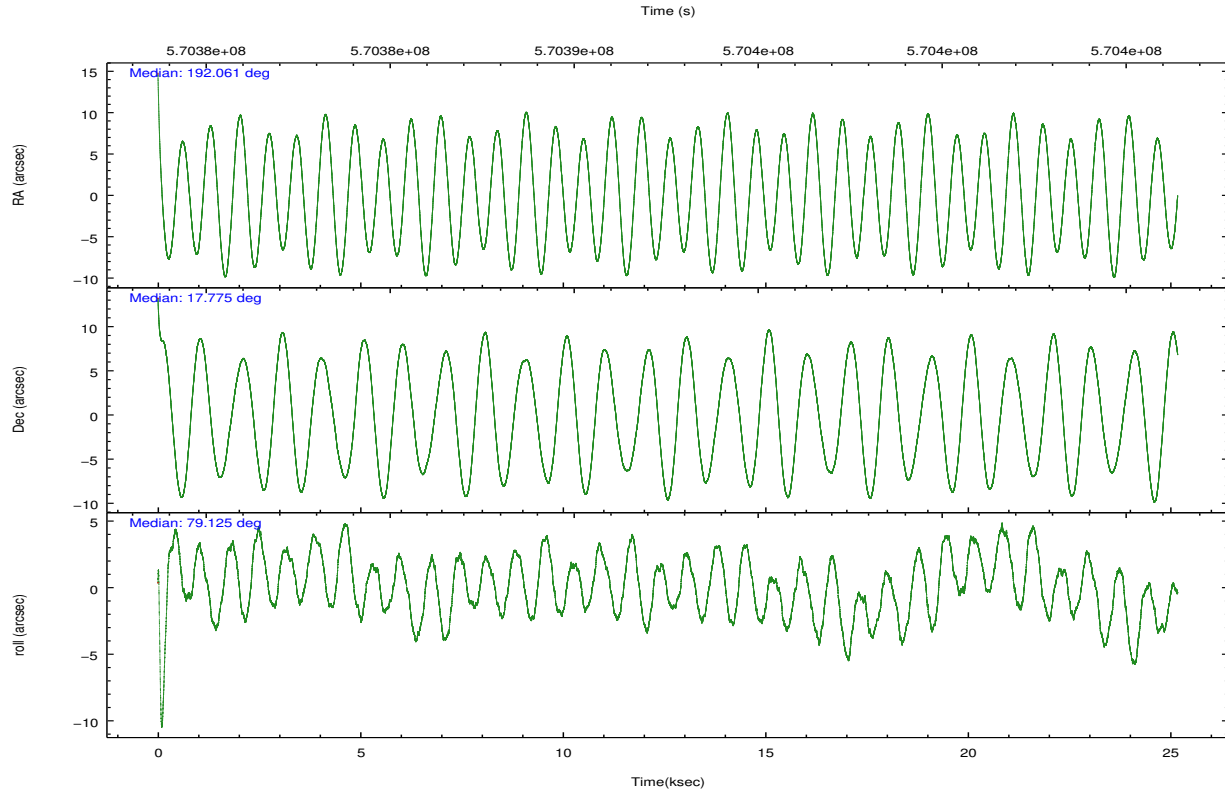
	ccd 7
grade 0 events	9256
	15%
grade 1 events	172
	0%
grade 2 events	6229
	10%
grade 3 events	3146
	5%
grade 4 events	2979
	4%
grade 5 events	5469
	9%
grade 6 events	11730
	19%
grade 7 events	21192
	35%

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	192.070698	192.0608854529738	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	17.748832	17.77466190573273	Subarray start row	385	385
[deg] Pointing Roll	78.968593	79.128230221443	Subarray row count	256	256
[s] Window start time (MET)	563932928.184000	563932928.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	570672128.184000	570672128.184000	[s] Primary exposure time	0.000000	0.8
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	570380137.184000	570379208.7628			
Observation start date	2016-01-28T14:54:29	2016-01-28T14:40:08			
[s] Observation end time (MET)	570405137.184000	570405805.97681			
Observation end date	2016-01-28T21:51:09	2016-01-28T22:03:25			
Read mode	TIMED	TIMED			

2.3 Aspect





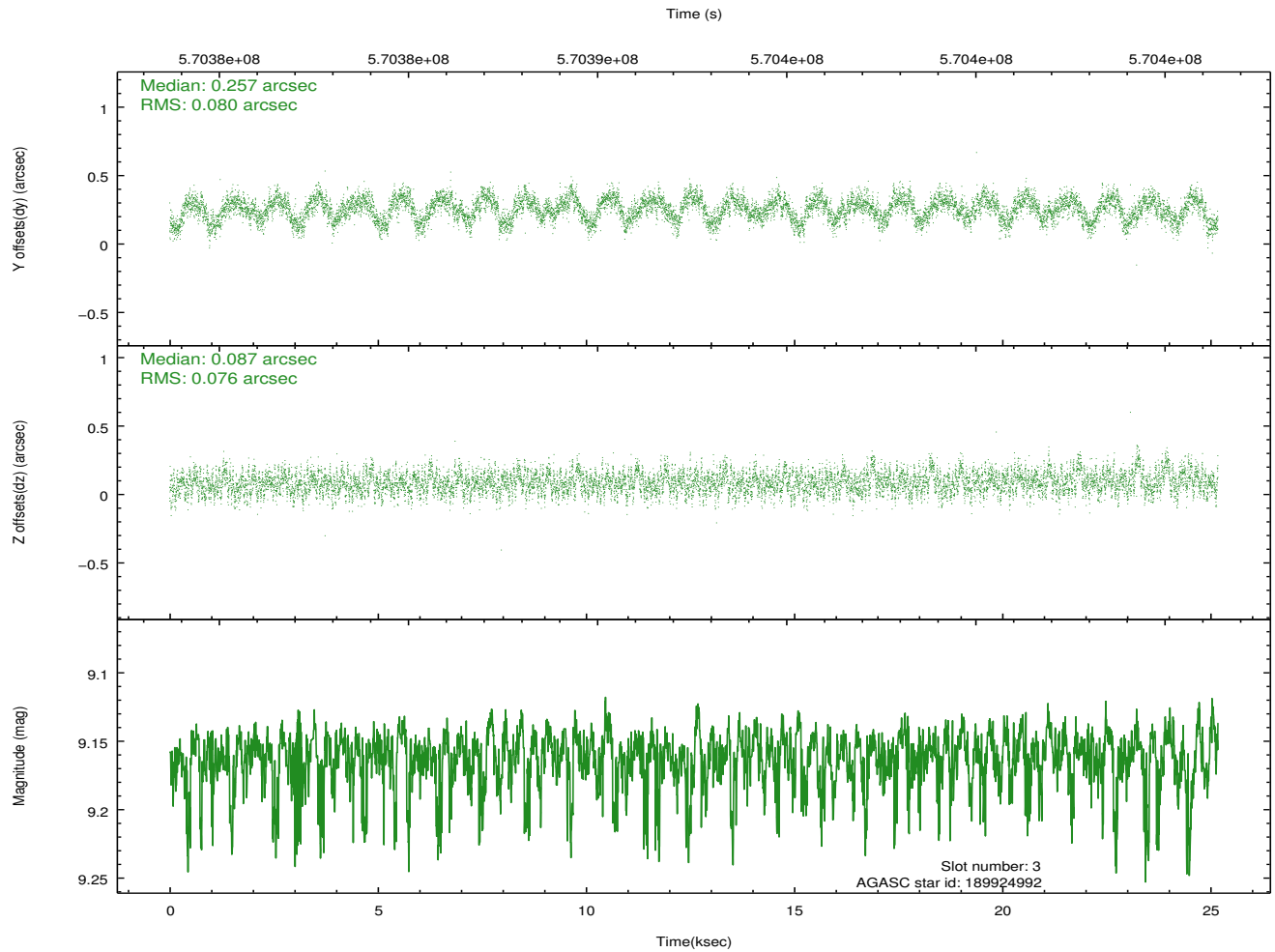
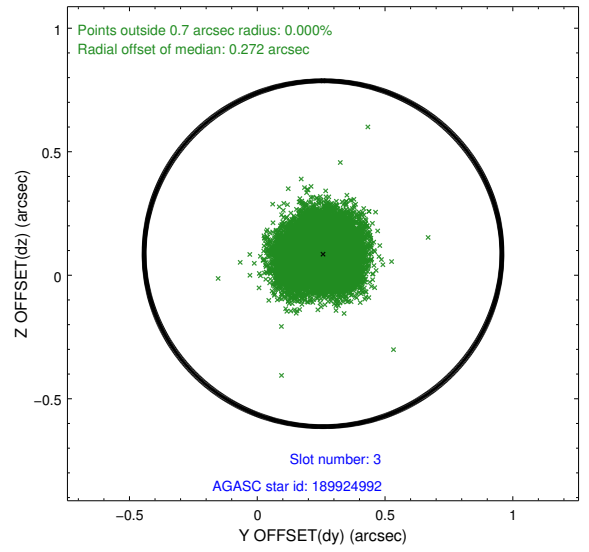
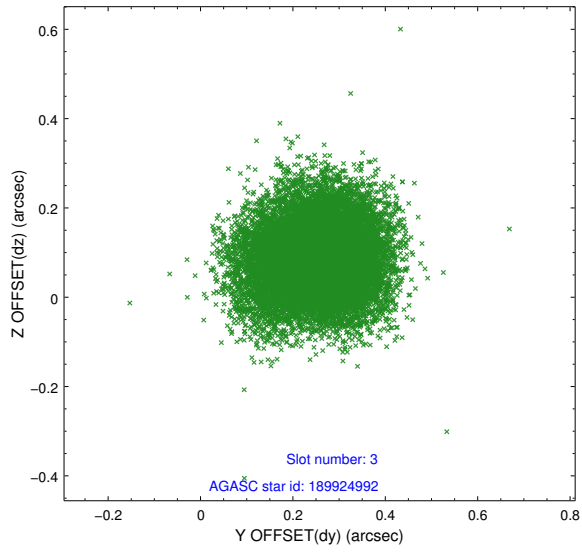
Slot Statistics

slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.11	6141	-0.113	-0.073	0.016	0.042	0.000000	0.000000	-765.52	-1738.22
1	FID		ACIS-S-4	7.22	6142	0.343	0.073	0.027	0.073	0.000000	0.000000	2148.15	170.31
2	FID		ACIS-S-5	7.24	6141	-0.265	0.009	0.031	0.055	0.000000	0.000000	-1818.39	164.03
3	GUIDE	used	189924992	9.16	12270	0.257	0.087	0.119	0.185	192.414765	17.361281	-1142.06	-1427.45
4	GUIDE	used	190321992	9.36	12268	0.243	0.000	0.149	0.243	192.558931	17.650526	-25.51	-1709.57
5	GUIDE	used	190322864	8.19	12278	-0.283	-0.011	0.090	0.145	192.118474	17.579756	-565.94	-277.41
6	GUIDE	used	190323712	9.21	12275	0.117	0.066	0.145	0.227	192.191806	17.550786	-620.55	-544.95
7	GUIDE	used	190319408	8.67	12275	-0.322	-0.151	0.099	0.161	192.447147	18.342893	2346.72	-853.15

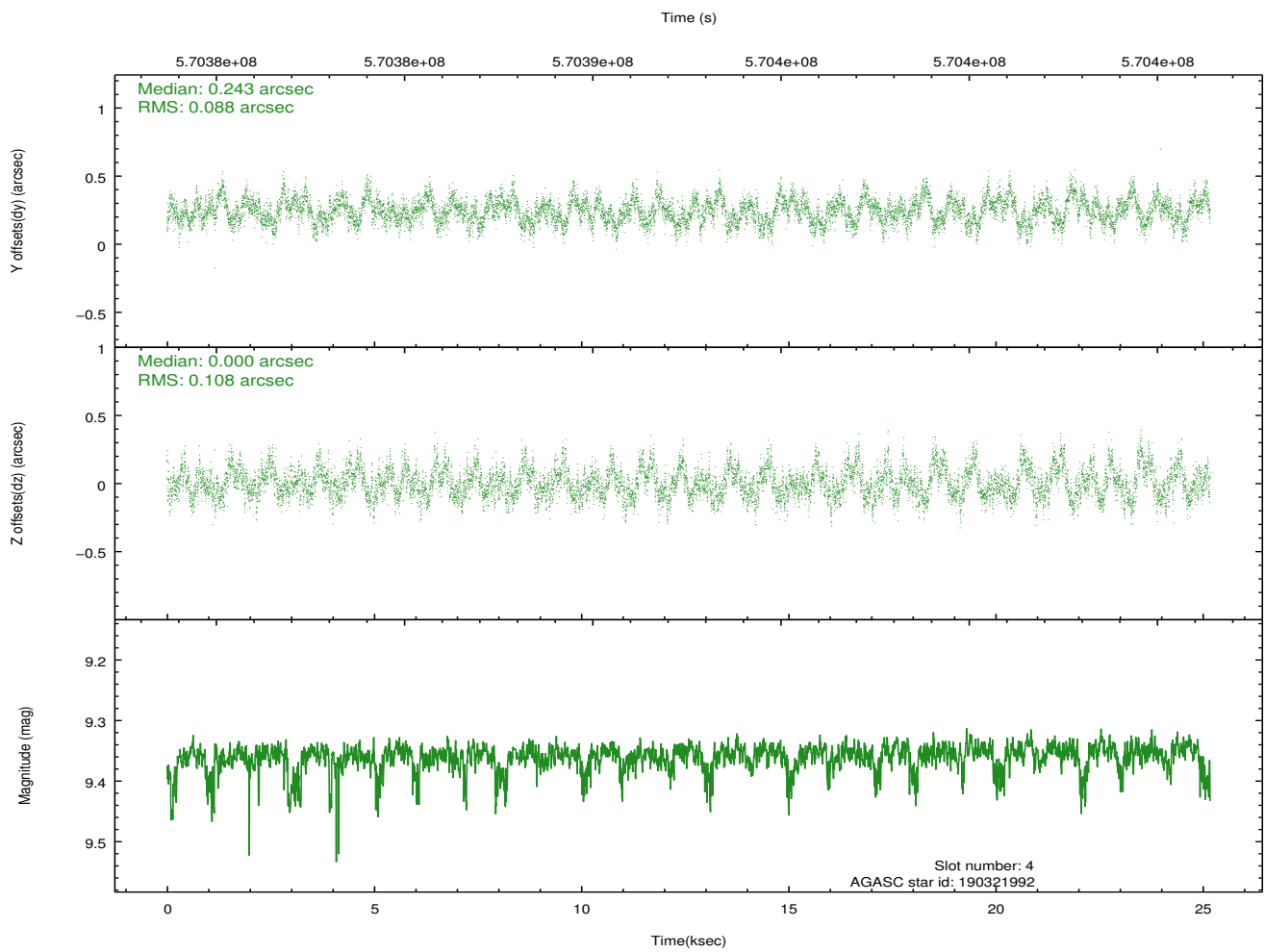
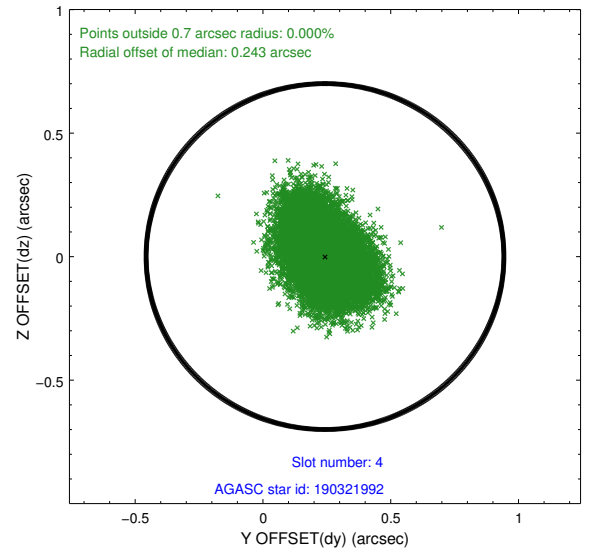
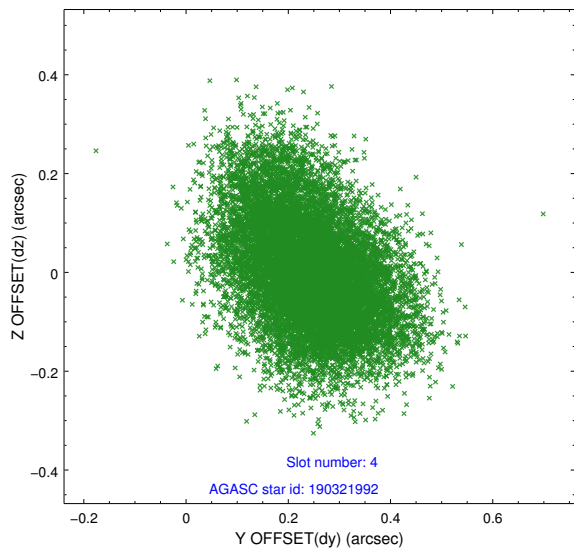
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2.4 Star Slots

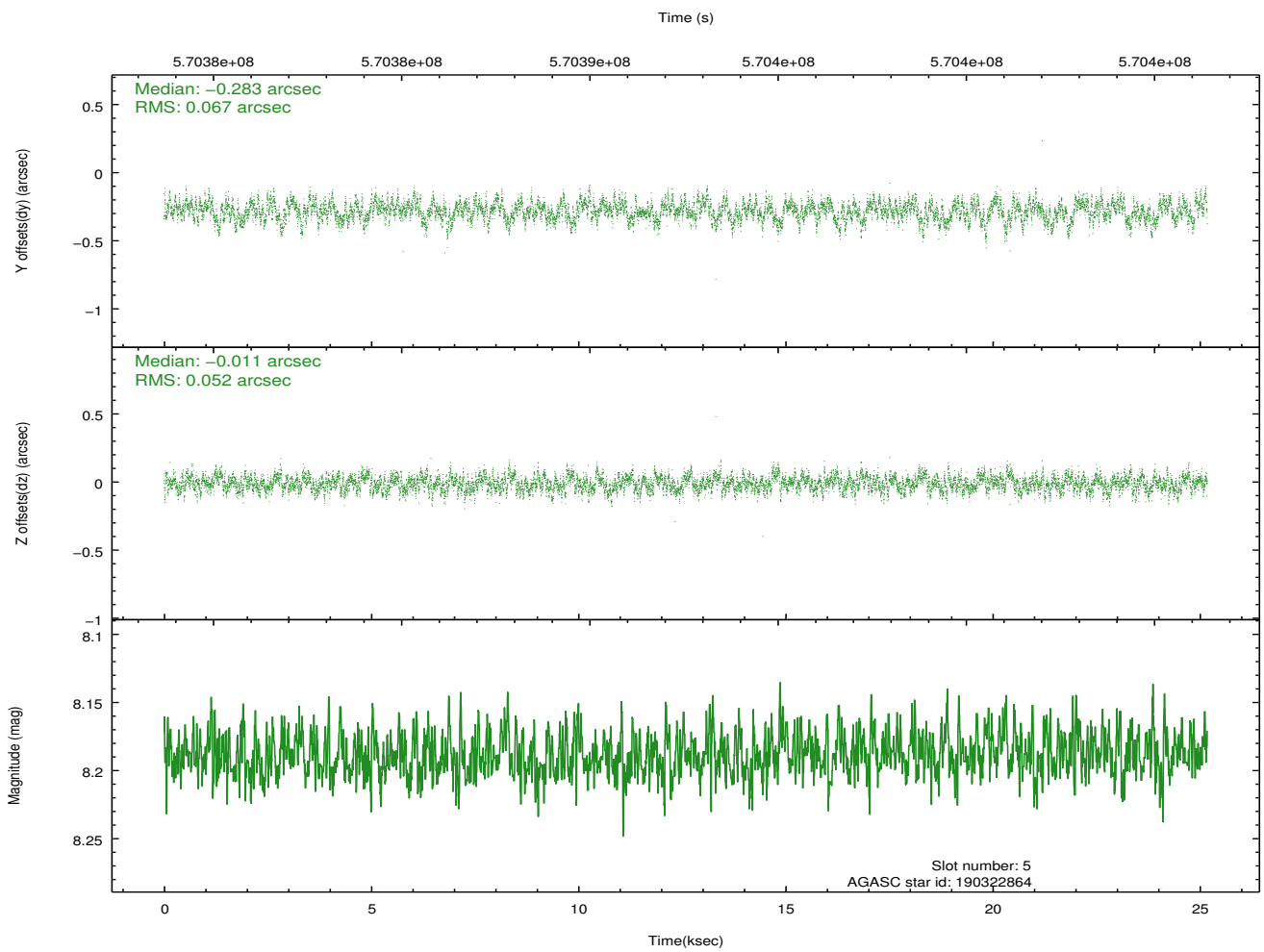
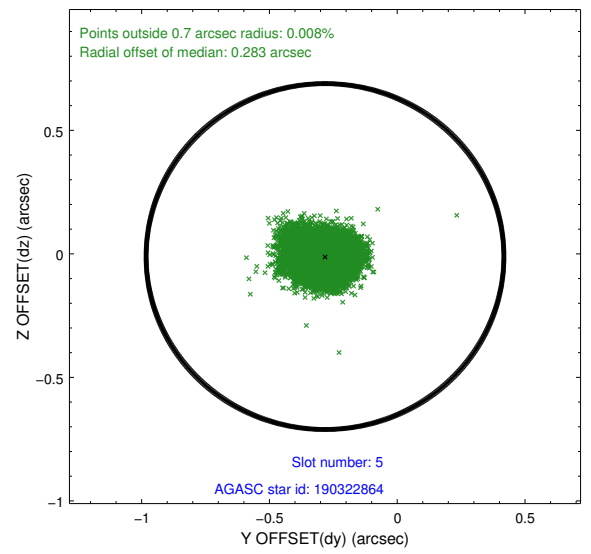
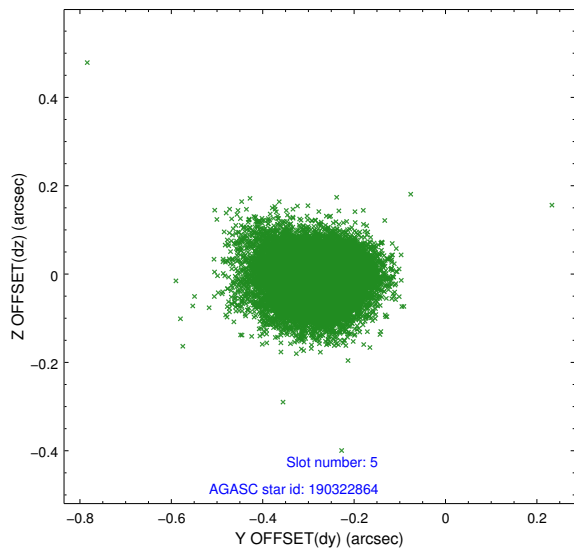
2.4.1 Slot 3



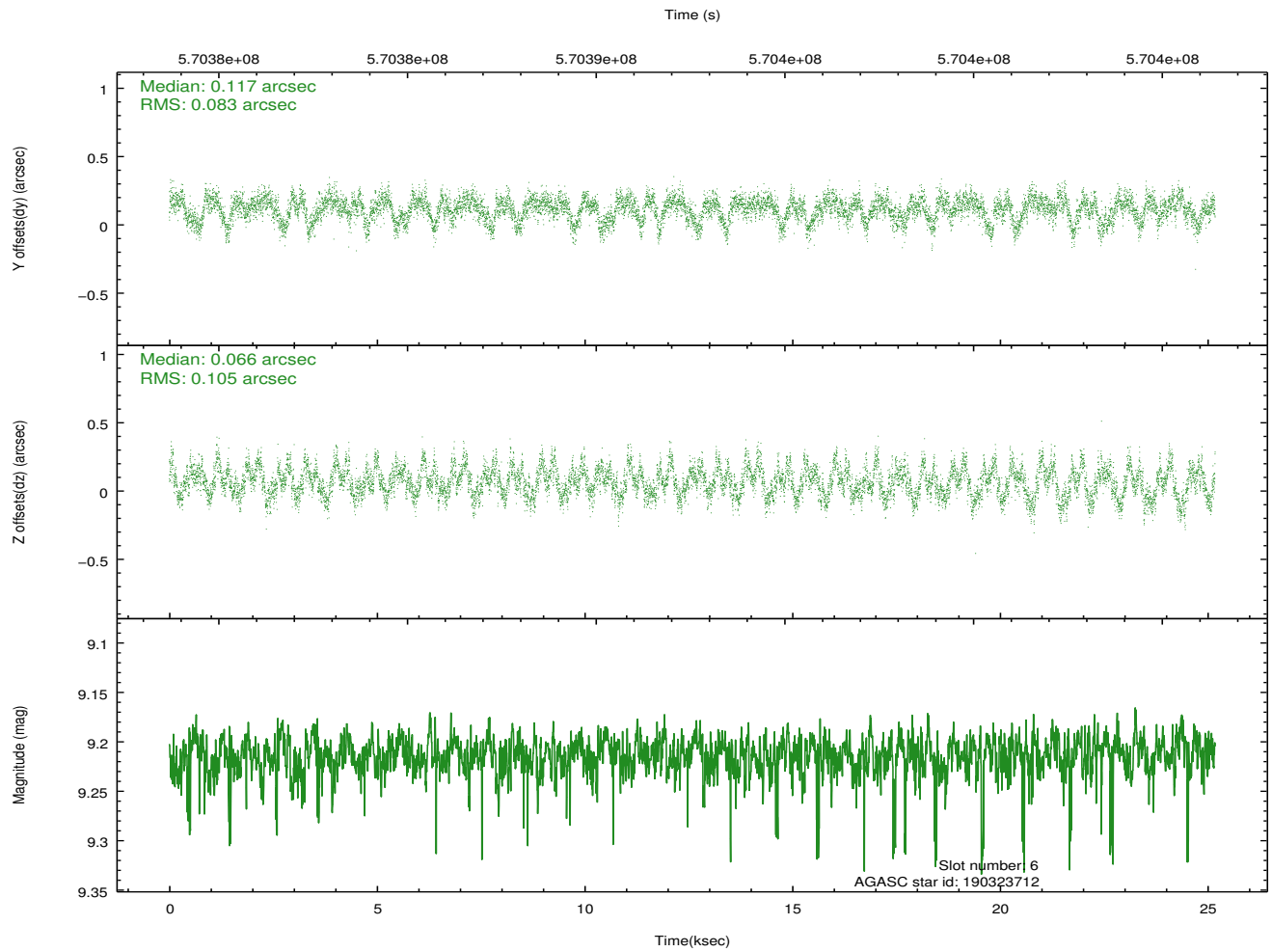
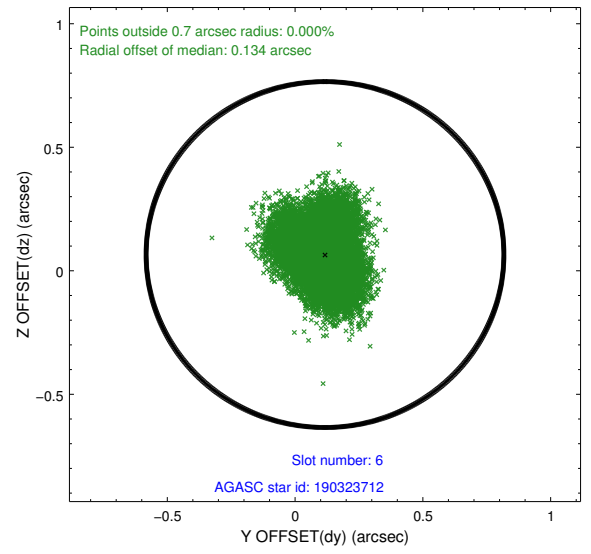
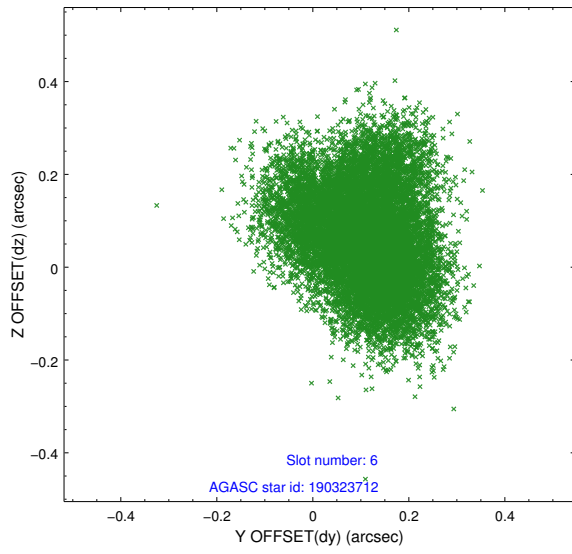
2.4.2 Slot 4



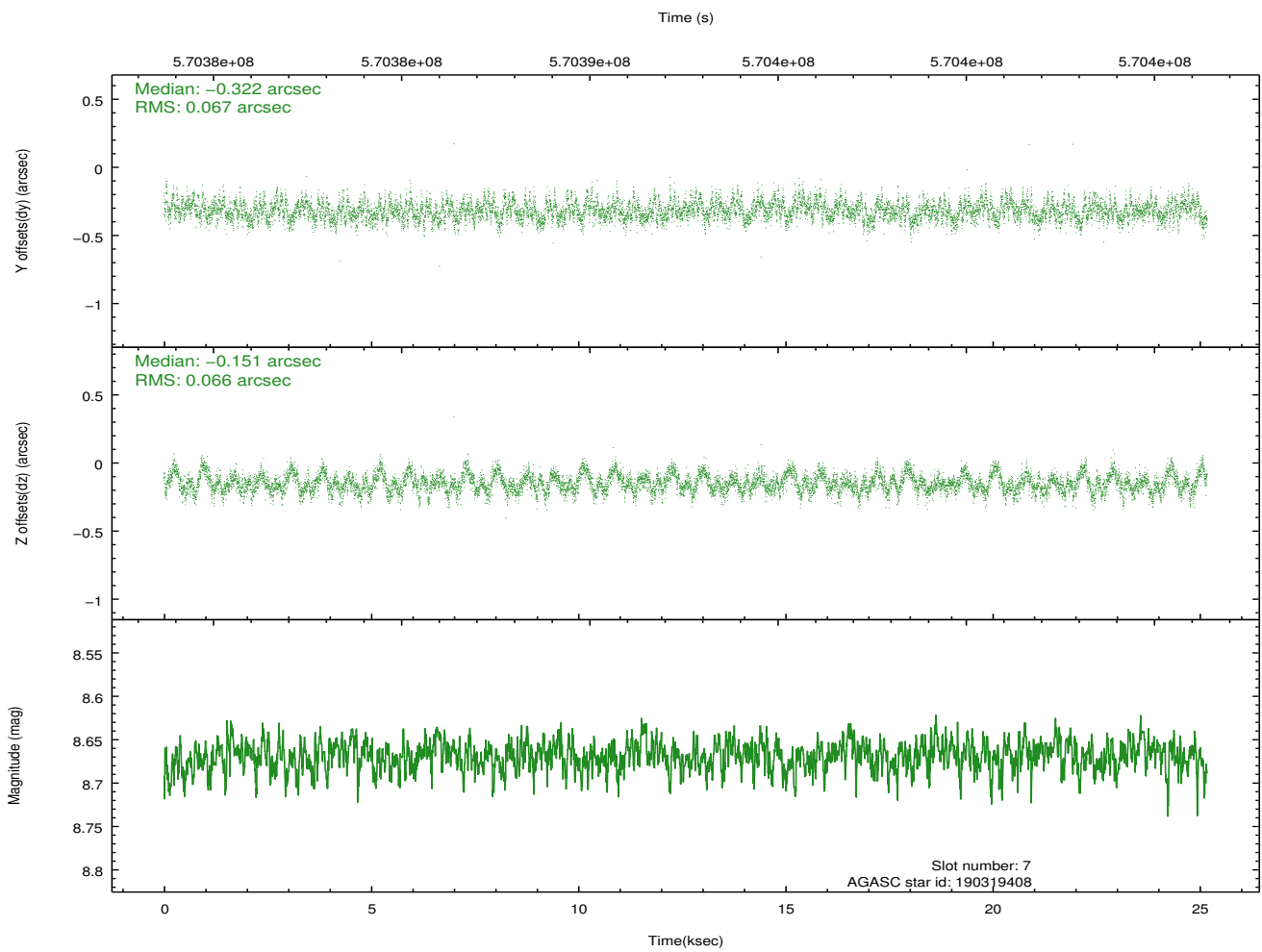
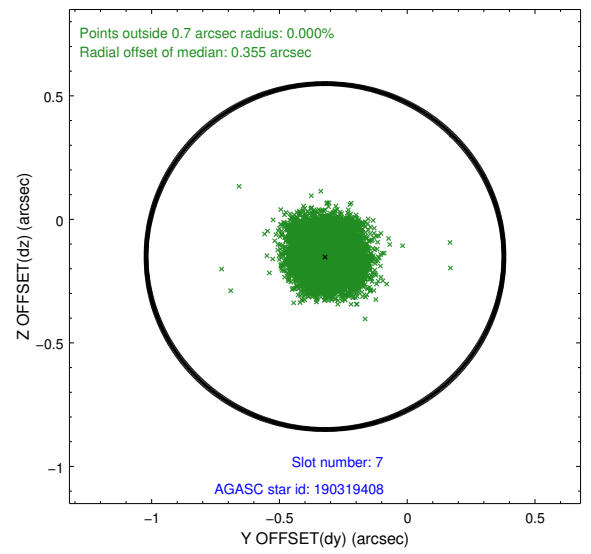
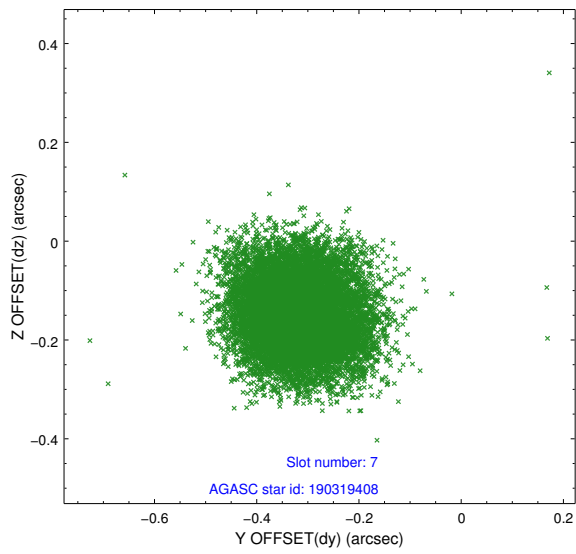
2.4.3 Slot 5



2.4.4 Slot 6

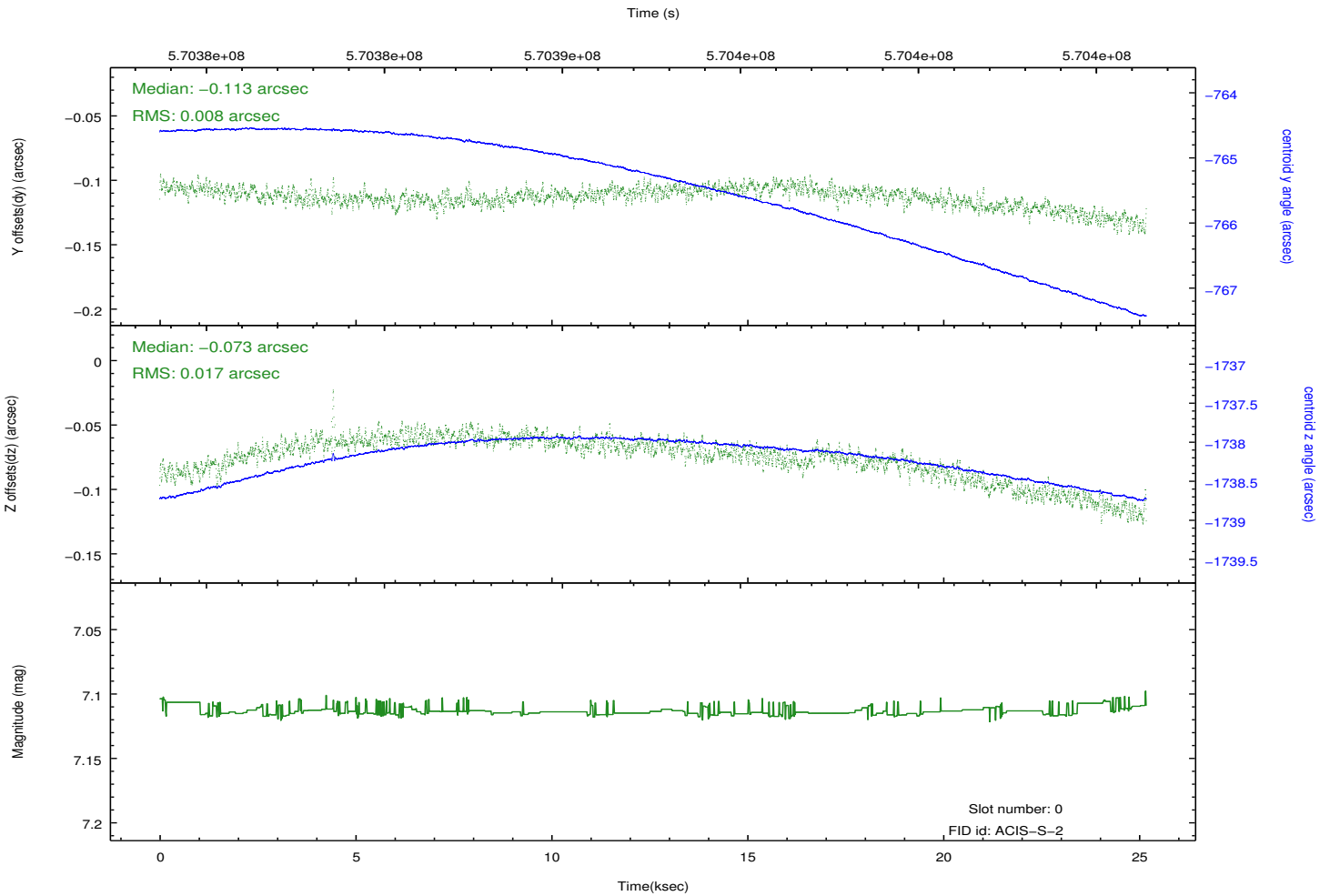
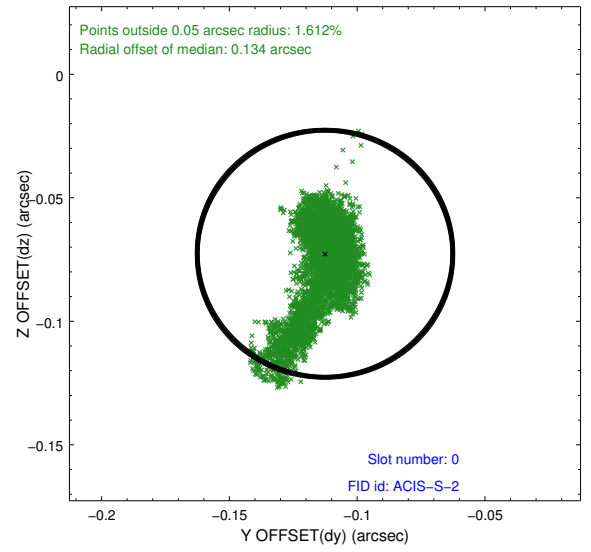
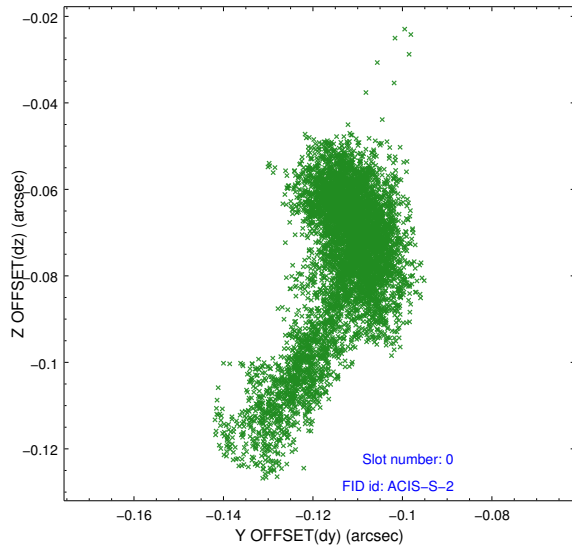


2.4.5 Slot 7

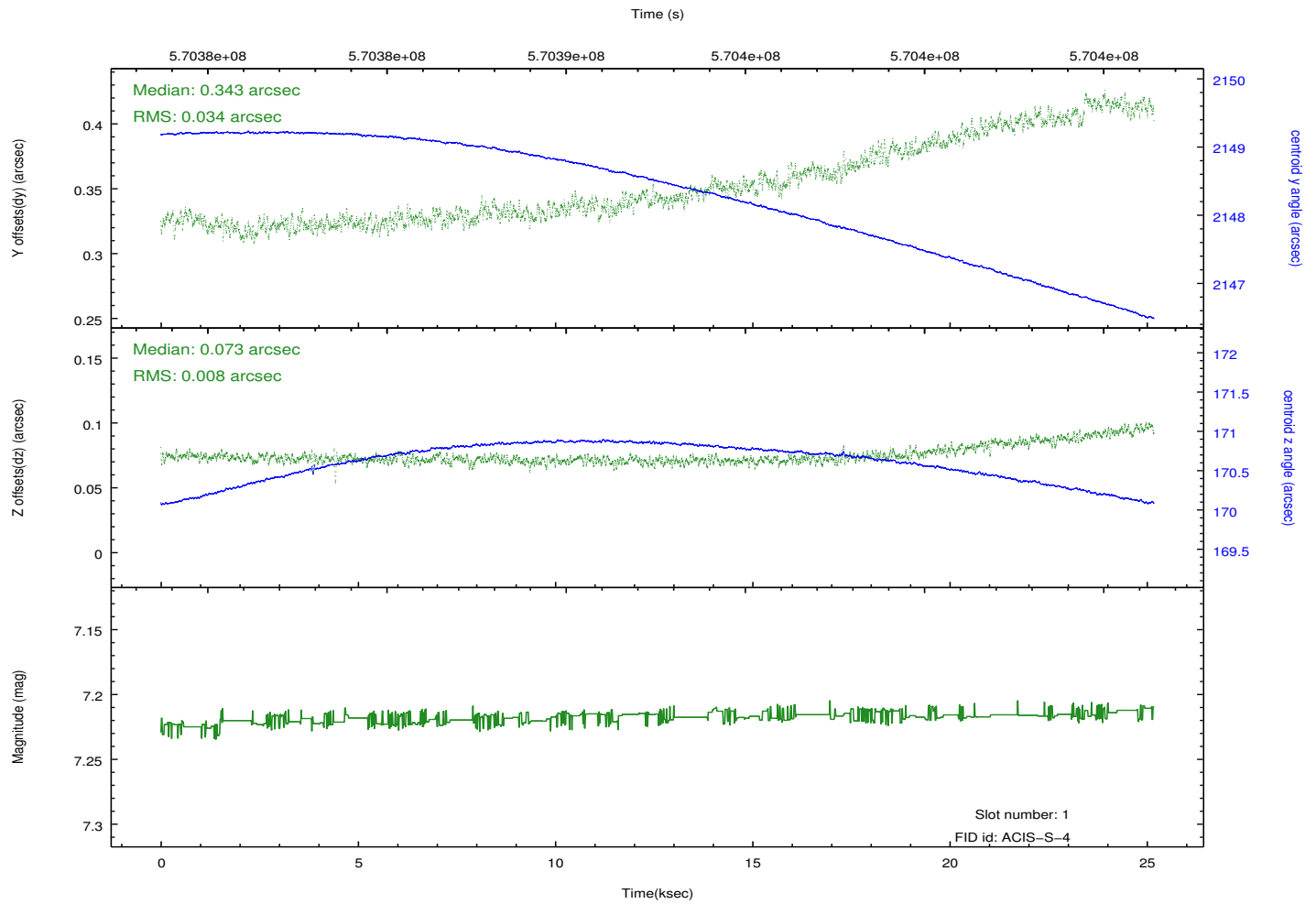
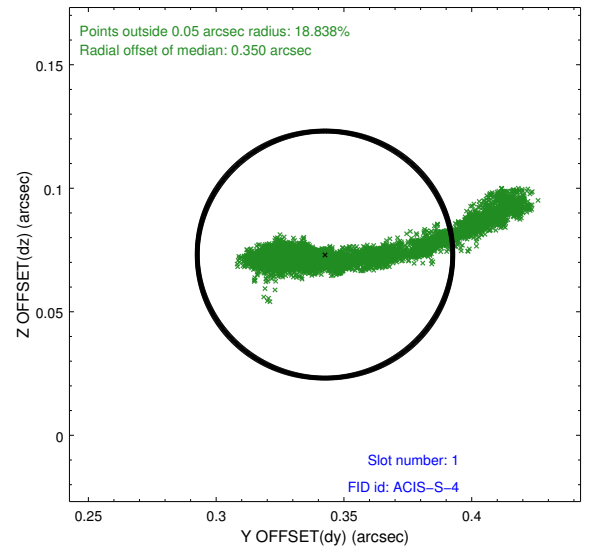
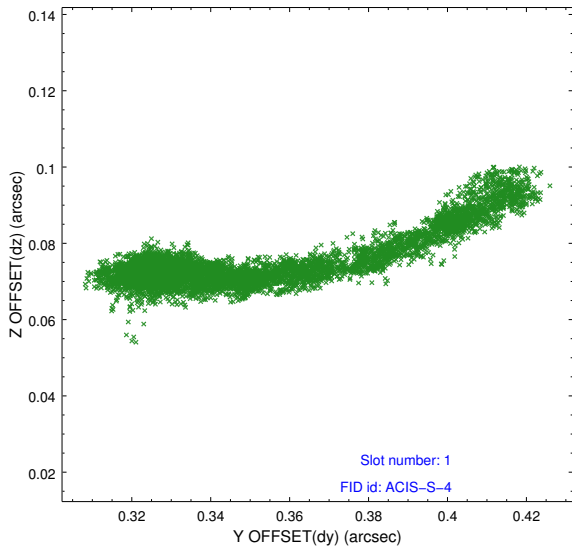


2.5 FID Slots

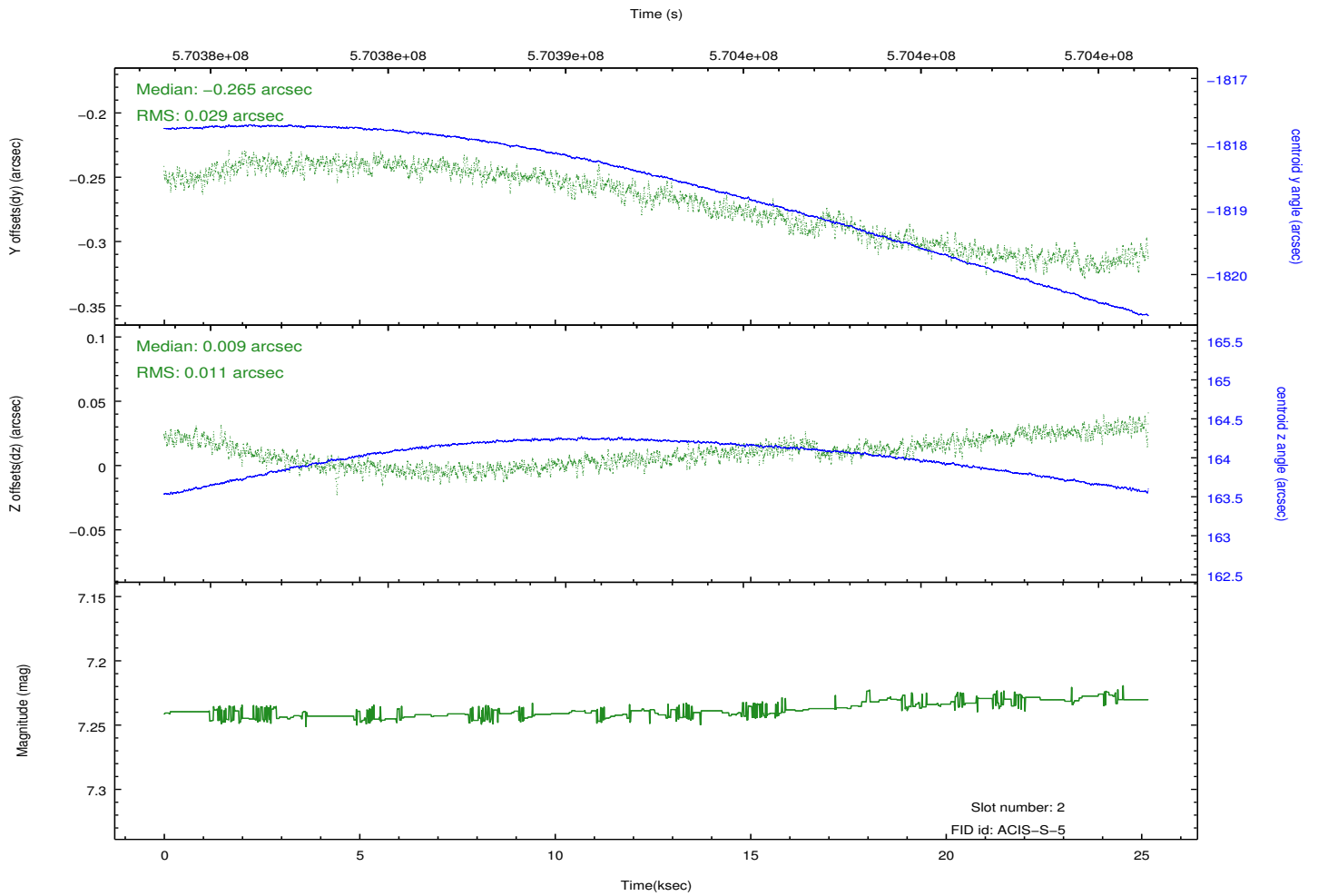
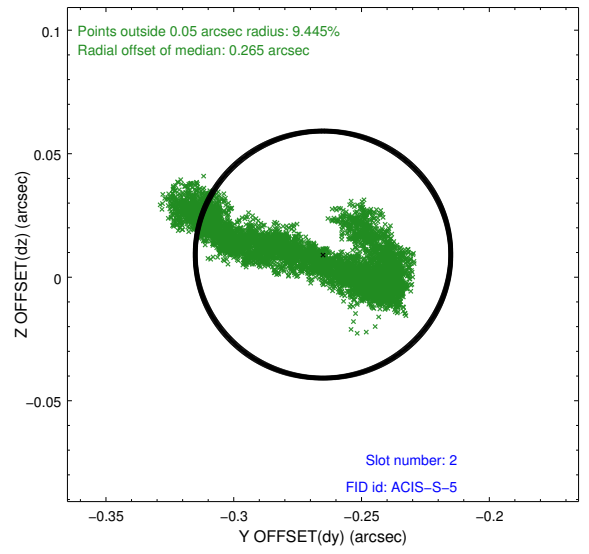
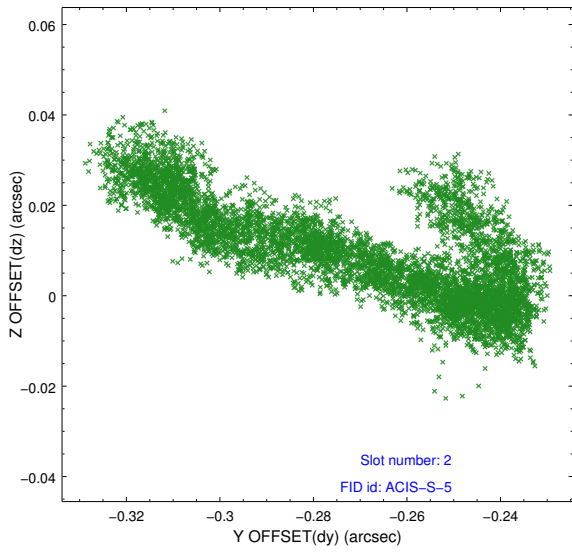
2.5.1 Slot 0



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)	2016.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.060647571087

A.2 Comments

Joint Proposal: XMM+NRAO. Window constraint met.