

V&V Reference Report

L2 ASCDS Version : 10.8.1

Observation 23141 - L2 Version 1
Chandra X-Ray Center

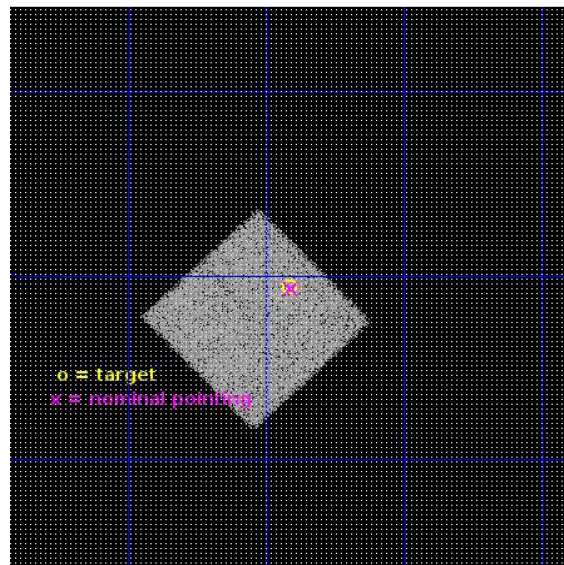
L2 Processing Date : Mar 13 2020

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1 Front

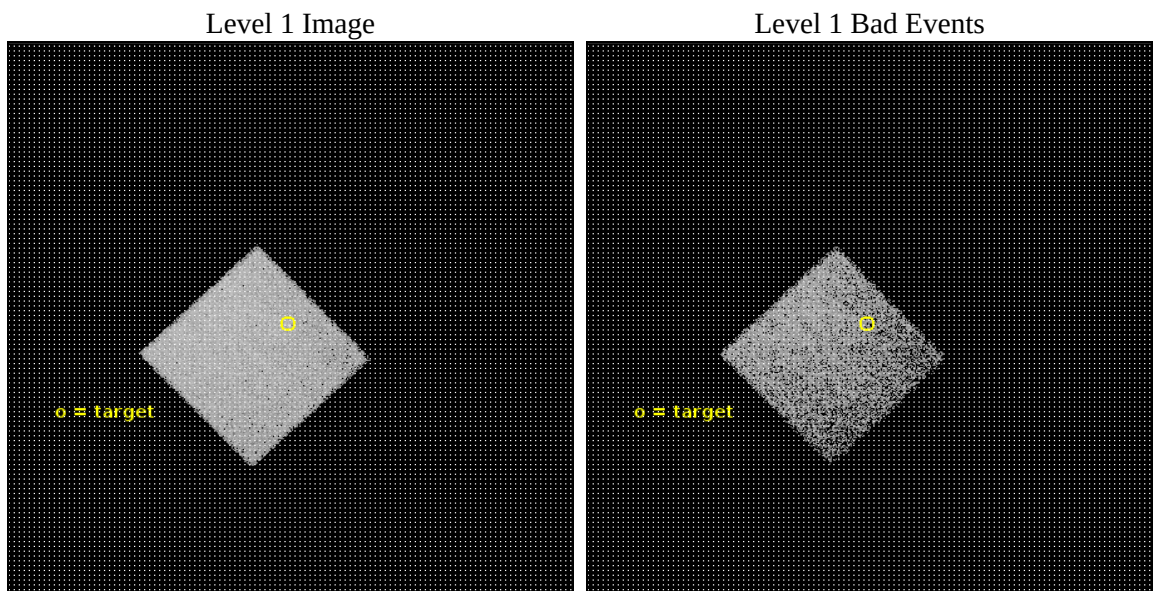
seq_num	503200	Sequence number
obs_id	23141	Observation id
title	The nearby TypeIc/Ic-BL SN2020oi in M100 (d~16 Mpc)	Proposal title
observer	Michael Stroh	Principal investigator
object	SN2020oi	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.728833	Observer's specified target RA [deg]
dec_targ	15.823625	Observer's specified target Dec [deg]
ra_nom	185.72718506595	Nominal RA [deg]
dec_nom	15.821517278193	Nominal Dec [deg]
roll_nom	136.27442352346	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10090.735507607	Sum of GTIs [s]
livetime	9954.5571655823	Livetime [s]
ontime7	10090.735507607	Sum of GTIs [s]
l2events	43014	Number of level 2 events



2 OBI

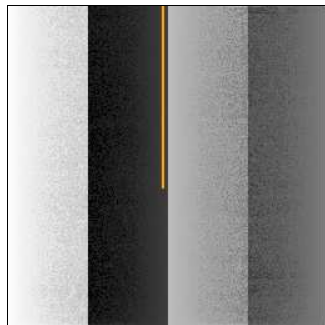
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.8.1	Processing system revision	ontime	10090.735507607	Sum of GTIs [s]
caldsver	4.8.4.2	 	ontime7	10090.735507607	Sum of GTIs [s]
date	2020-03-13T21:16:59	Date and time of file creation	l1events	100913	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

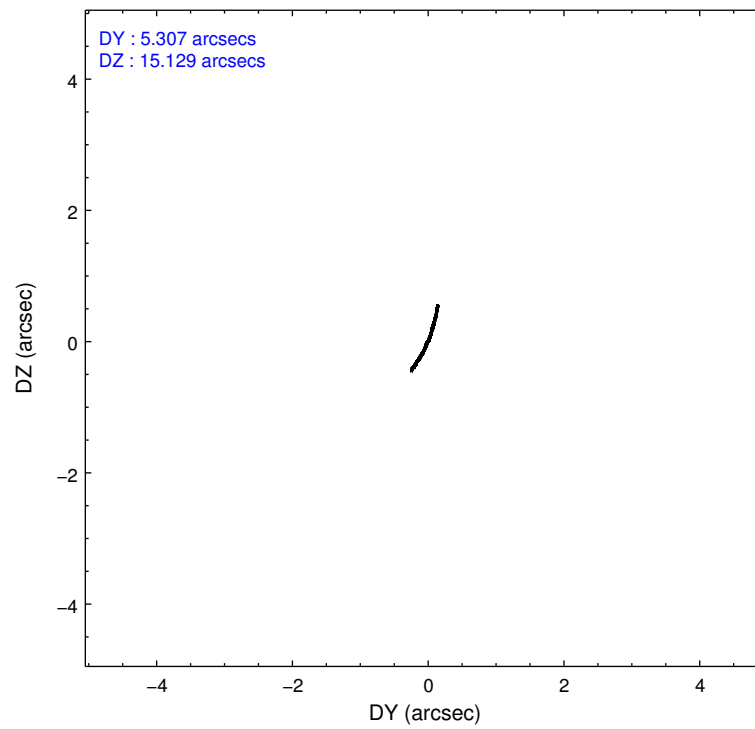
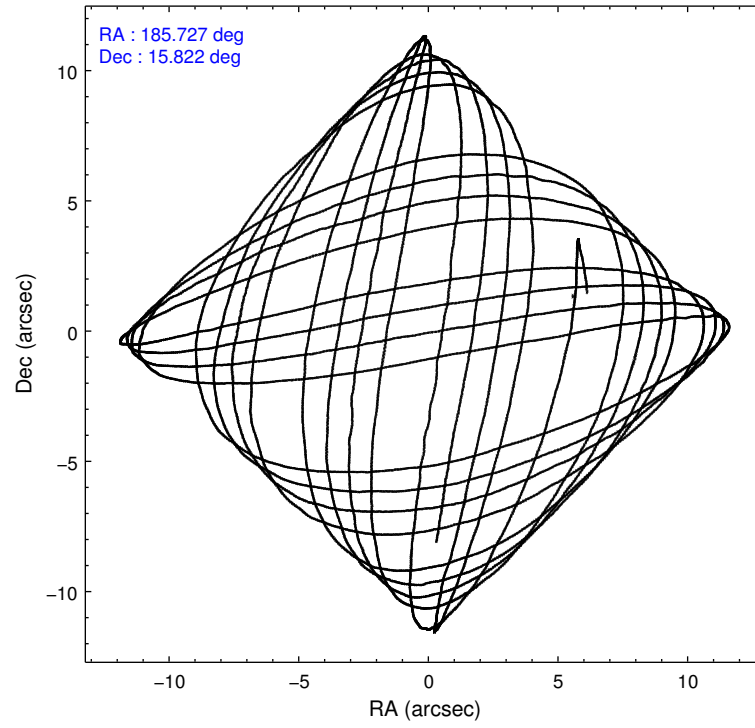
	ccd 7
level 1 events	100913
rejected events	56824
rejected %	56%

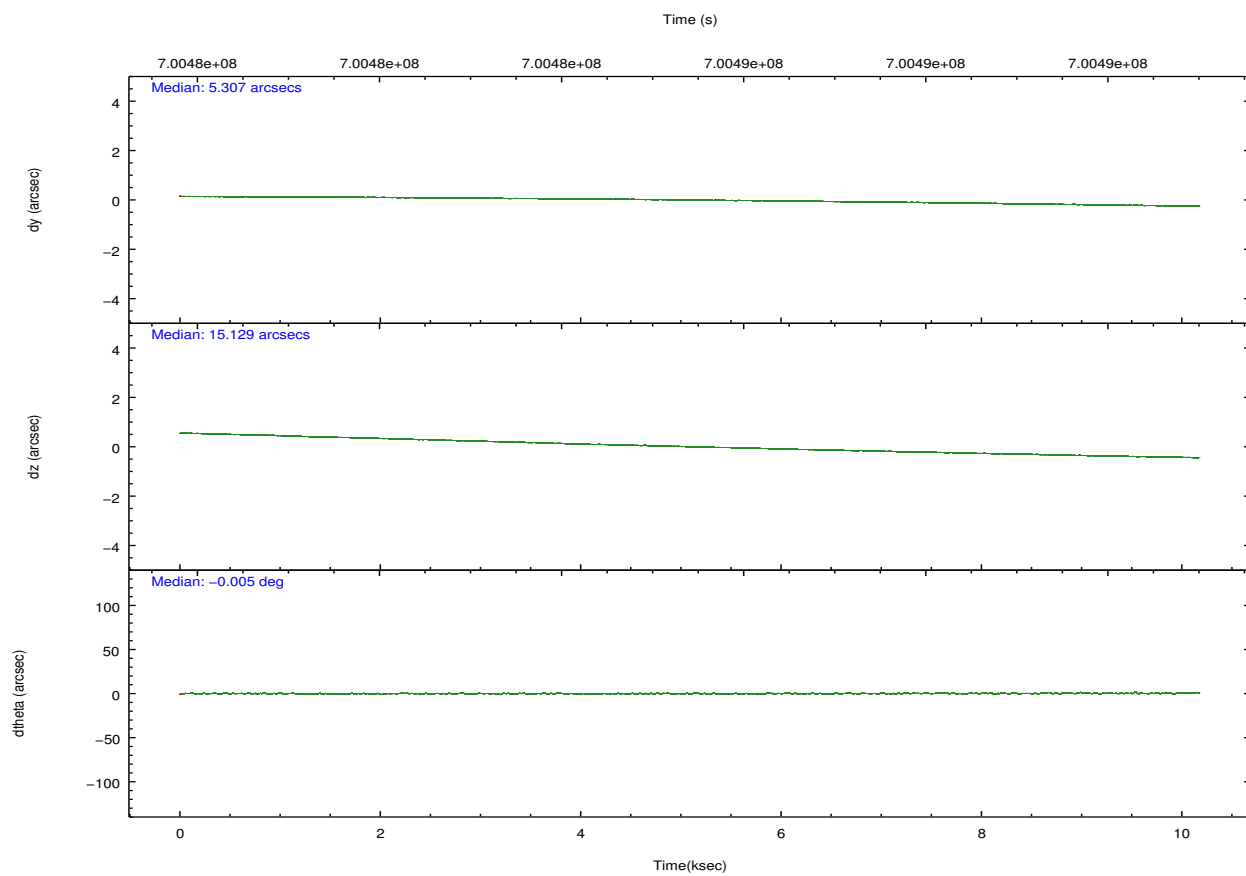
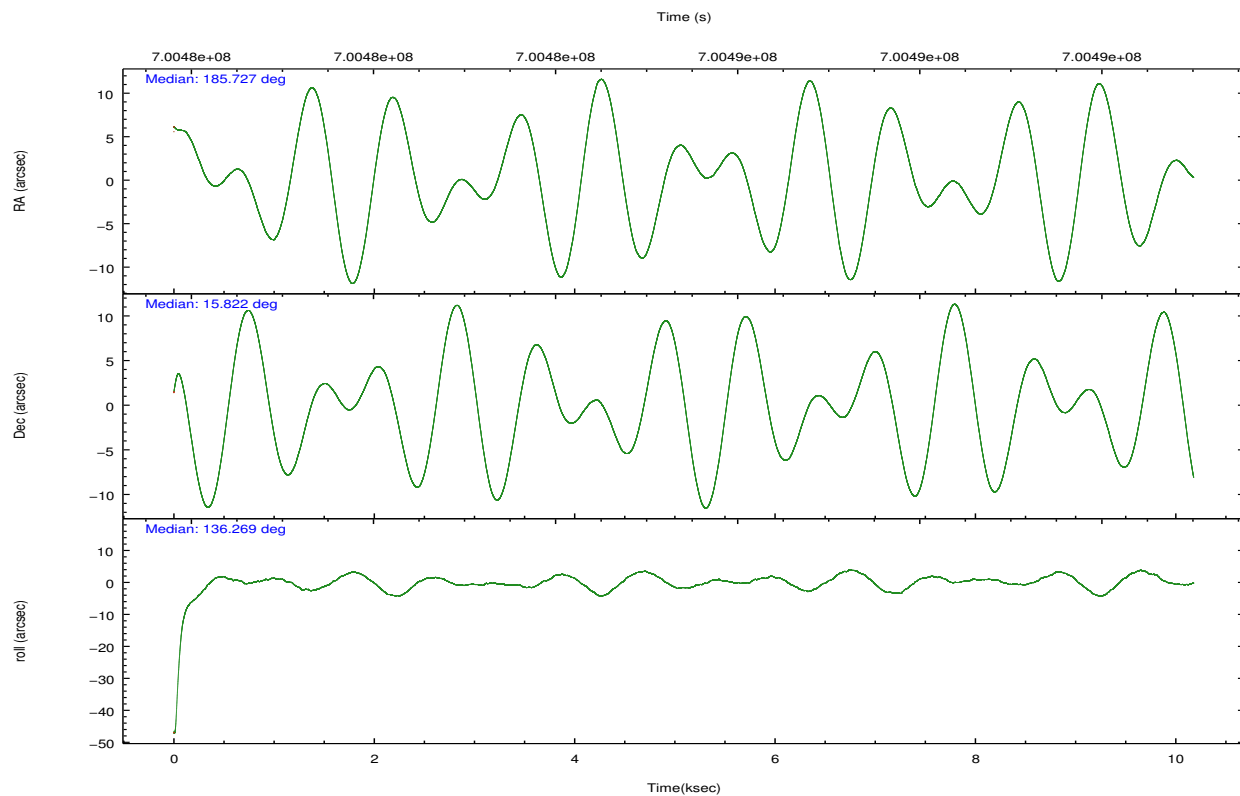
	ccd 7
grade 0 events	3715
	3%
grade 1 events	150
	0%
grade 2 events	9541
	9%
grade 3 events	3425
	3%
grade 4 events	3322
	3%
grade 5 events	9834
	9%
grade 6 events	24103
	23%
grade 7 events	46823
	46%

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	185.754971	185.7271850659468	Subarray requested	NONE	NONE
[deg] Pointing Dec	15.815367	15.82151727819345	Alternating exposures requested	N	N
[deg] Pointing Roll	136.110272	136.274423523463	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	700480478.184000	700479316.09668			
Observation start date	2020-03-13T09:53:29	2020-03-13T09:35:16			
[s] Observation end time (MET)	700490478.184000	700491485.92242			
Observation end date	2020-03-13T12:40:09	2020-03-13T12:58:05			
Read mode	TIMED	TIMED			

2.3 Aspect



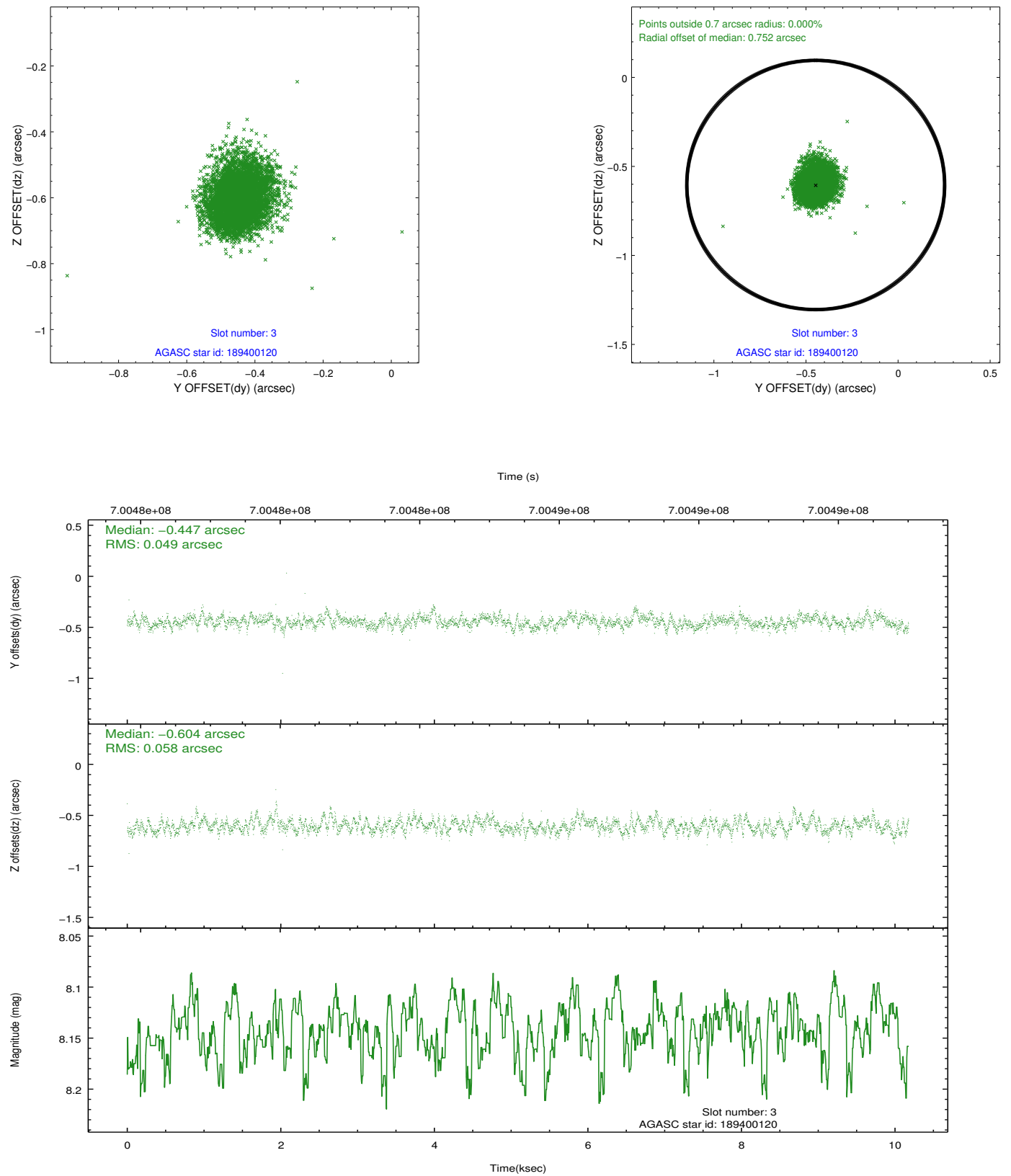


Slot Statistics

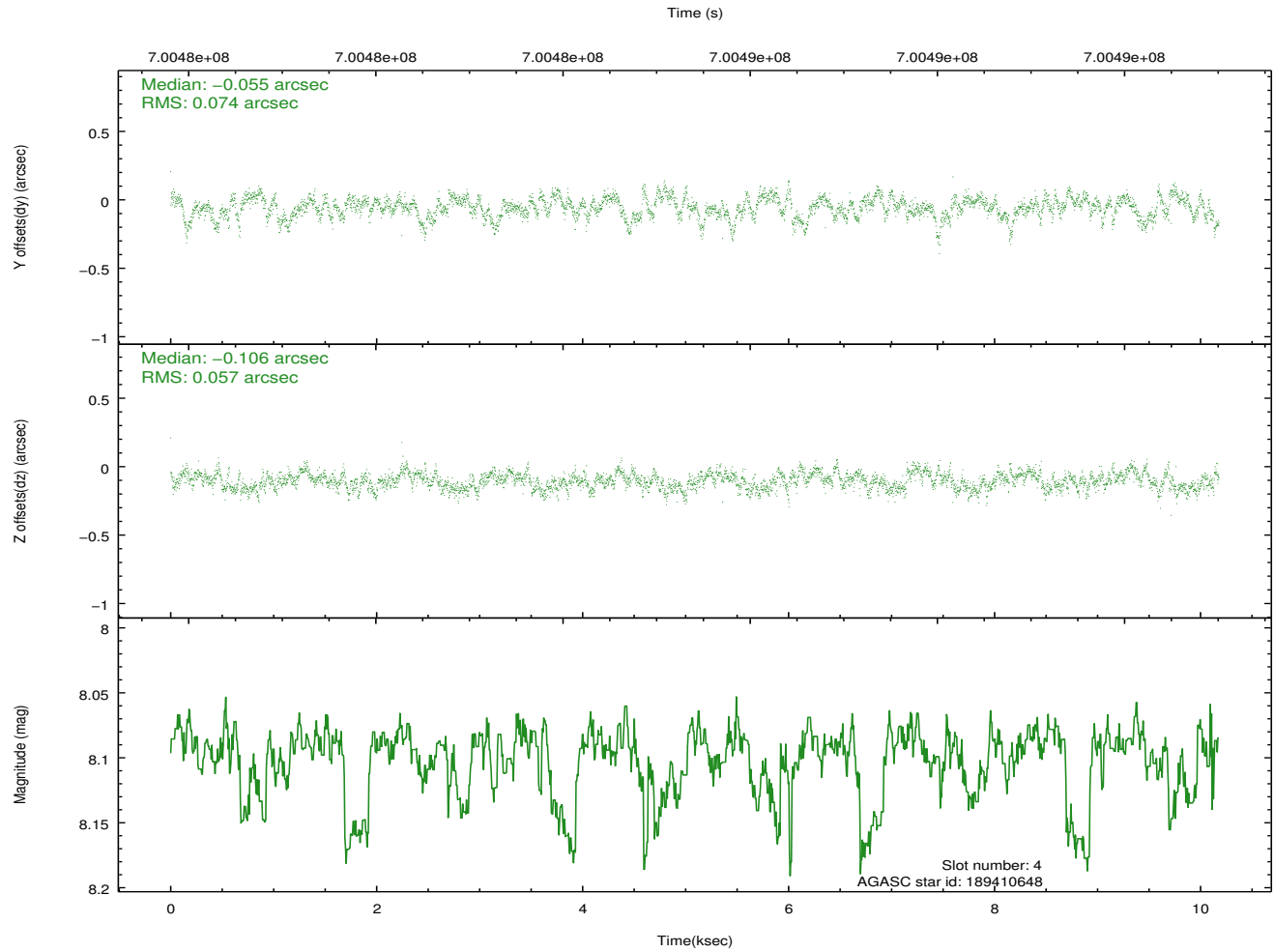
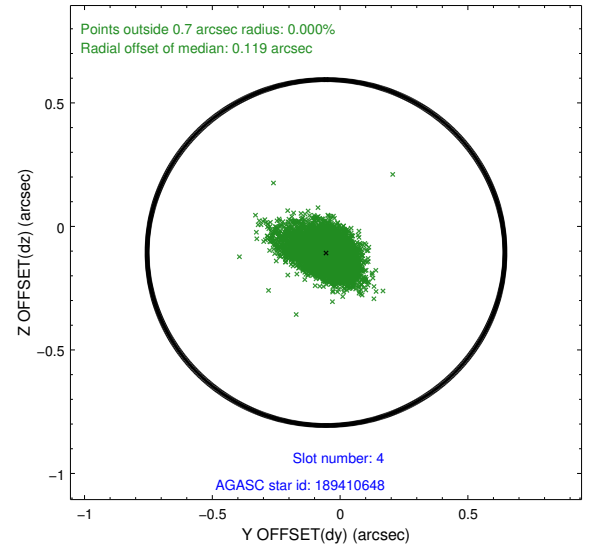
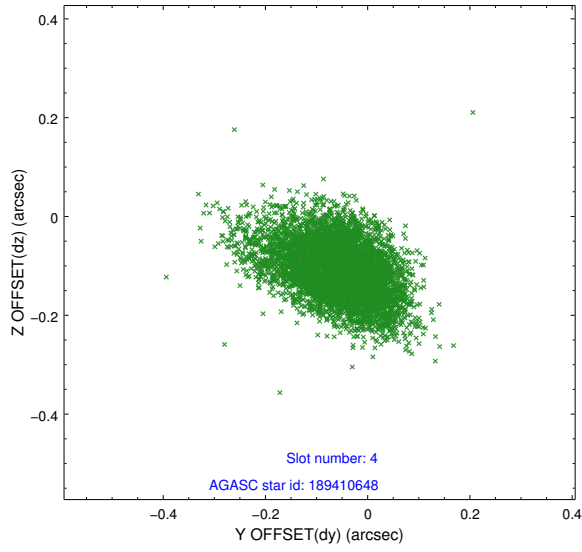
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.01	2483	1.000	-0.278	-0.074	0.011	0.018	0.000000	0.000000	-758.23	-1736
1	FID		ACIS-S-4	7.15	2483	1.000	0.573	0.154	0.008	0.015	0.000000	0.000000	2155.62	171
2	FID		ACIS-S-5	7.14	2483	1.000	-0.326	-0.071	0.013	0.020	0.000000	0.000000	-1810.49	165
3	GUIDE	used	189400120	8.14	4966	1.000	-0.447	-0.604	0.080	0.129	185.025387	15.714800	1574.13	2012
4	GUIDE	used	189410648	8.10	4965	1.000	-0.055	-0.106	0.097	0.165	185.747145	16.243433	1088.06	-1091
5	GUIDE	used	189411792	7.89	4963	1.000	0.235	0.050	0.099	0.166	186.226855	16.194788	-226.05	-2116
6	GUIDE	used	189413016	8.11	4959	1.000	0.188	0.260	0.102	0.162	186.364497	16.171398	-627.37	-2386
7	GUIDE	used	189414472	6.57	4965	1.000	0.066	0.408	0.093	0.145	186.513657	15.863941	-1768.24	-1950

2.4 Star Slots

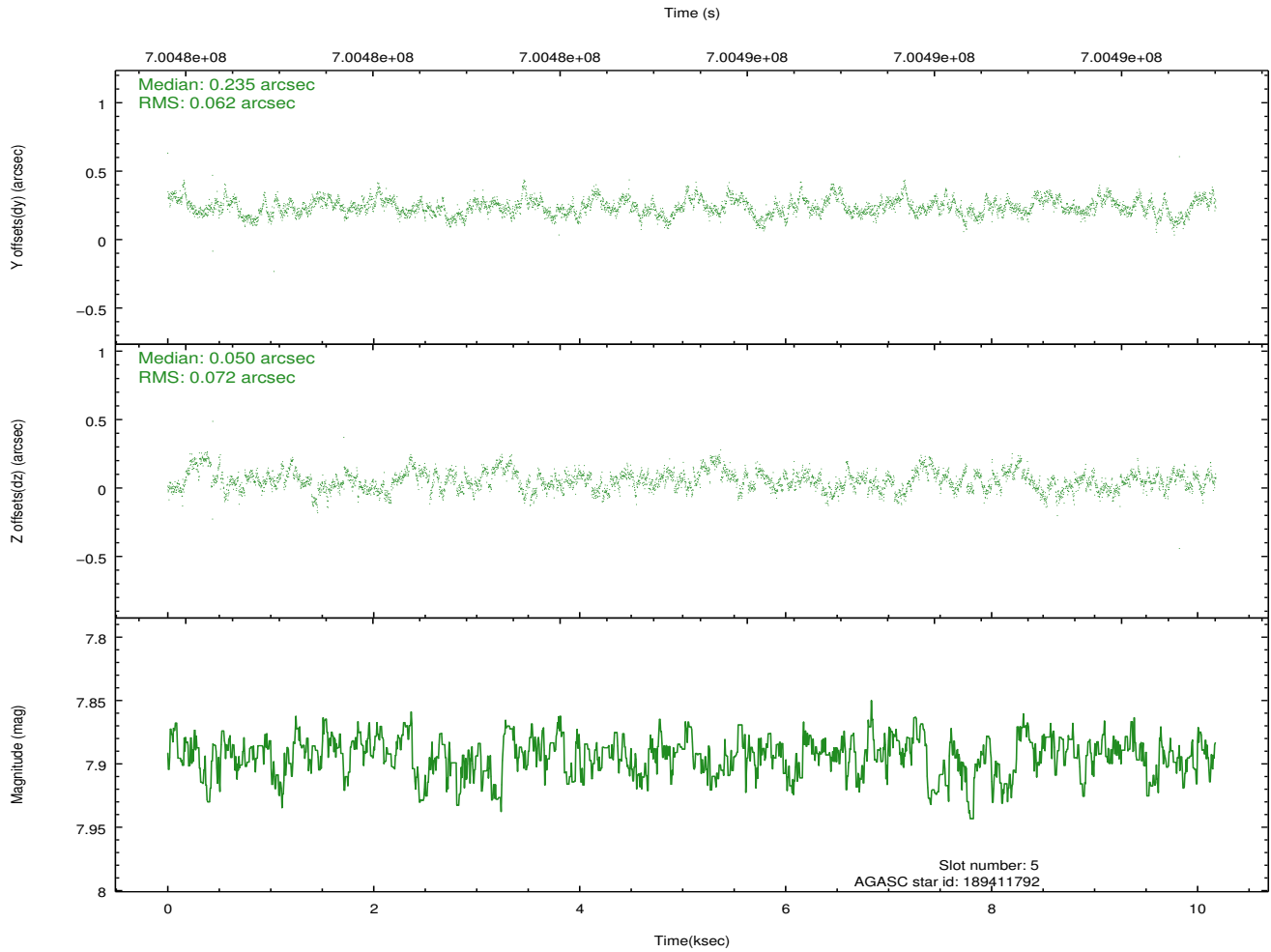
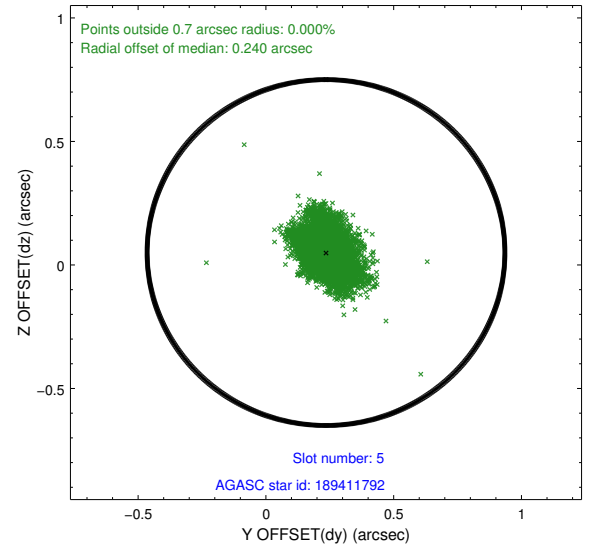
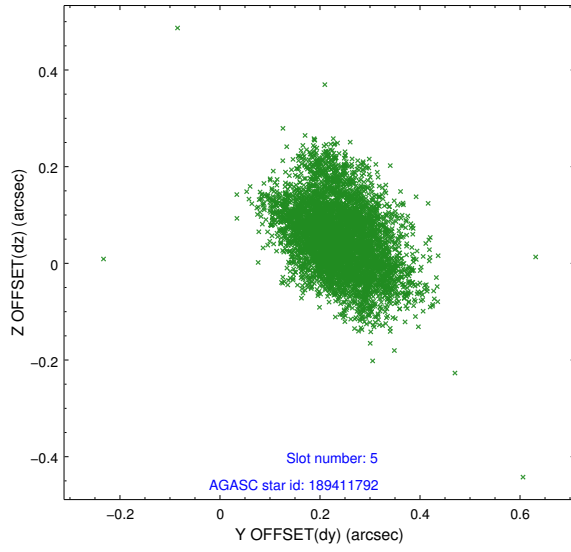
2.4.1 Slot 3



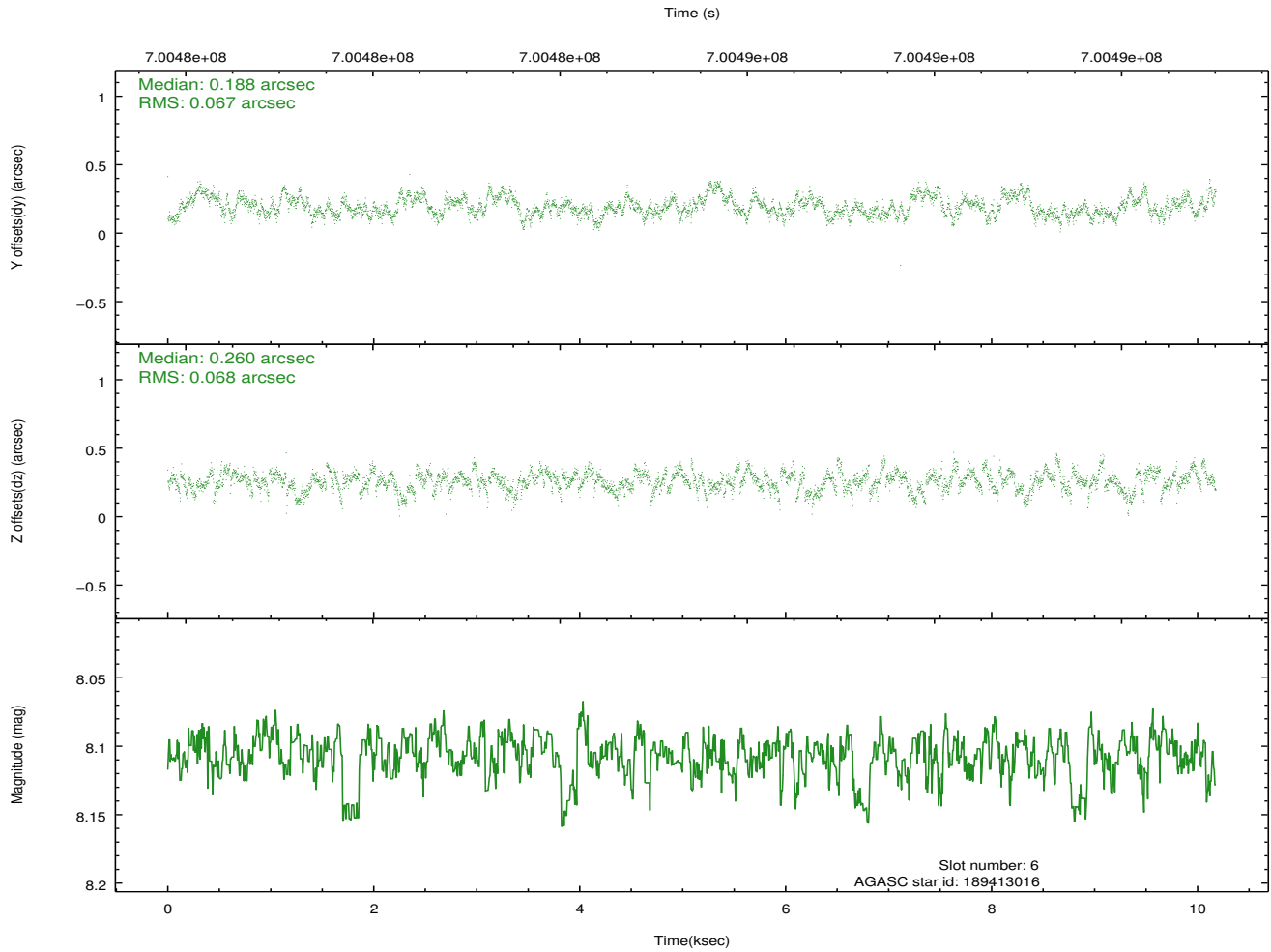
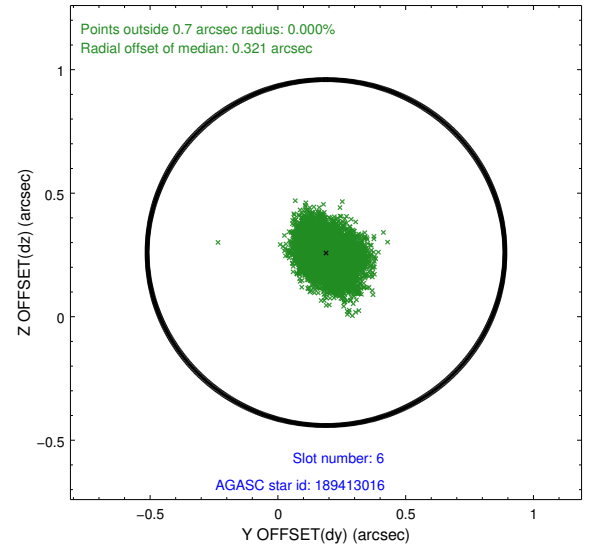
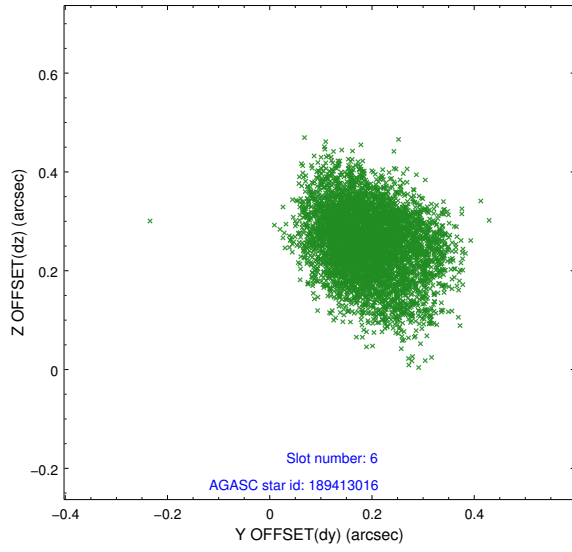
2.4.2 Slot 4



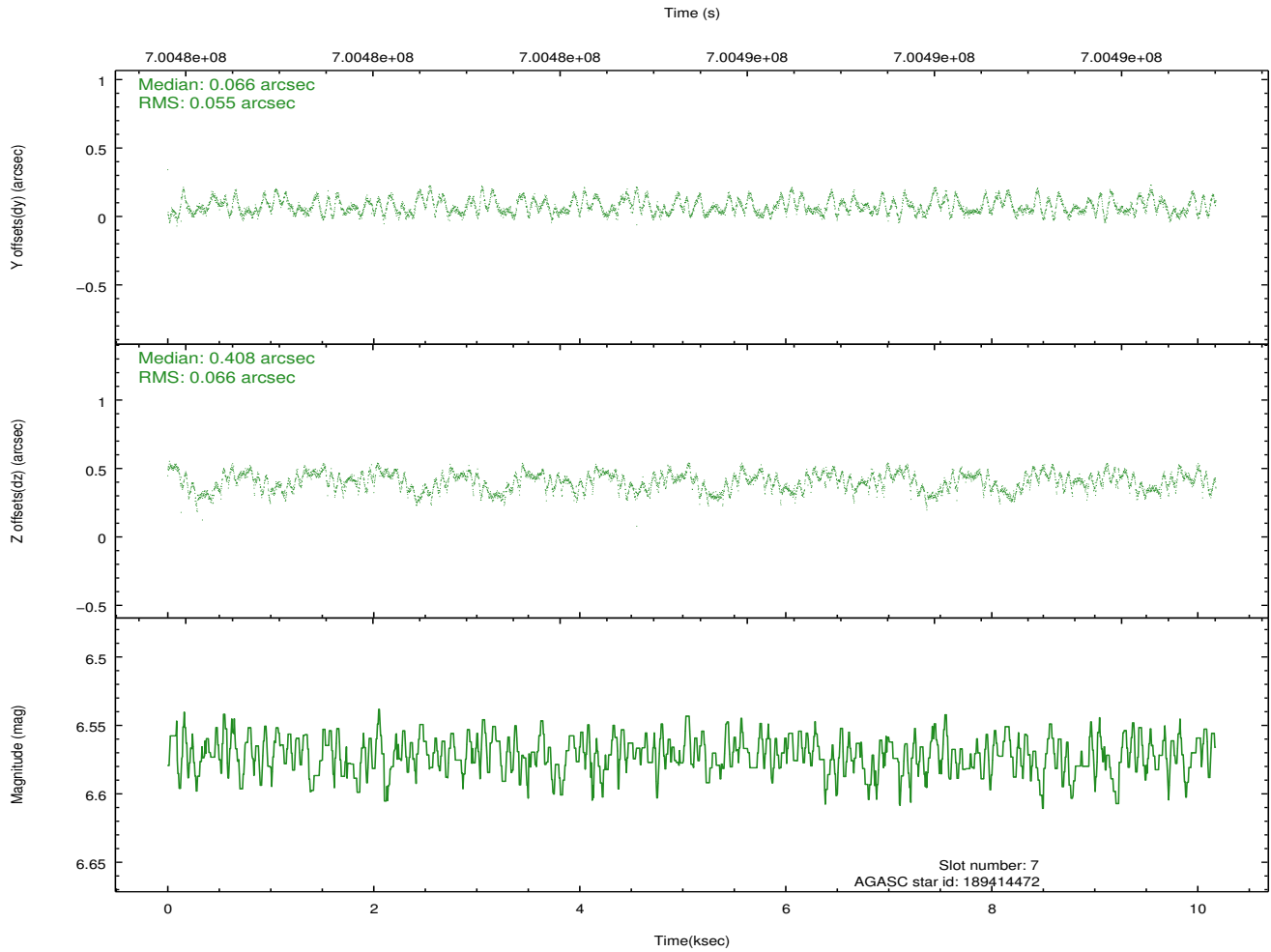
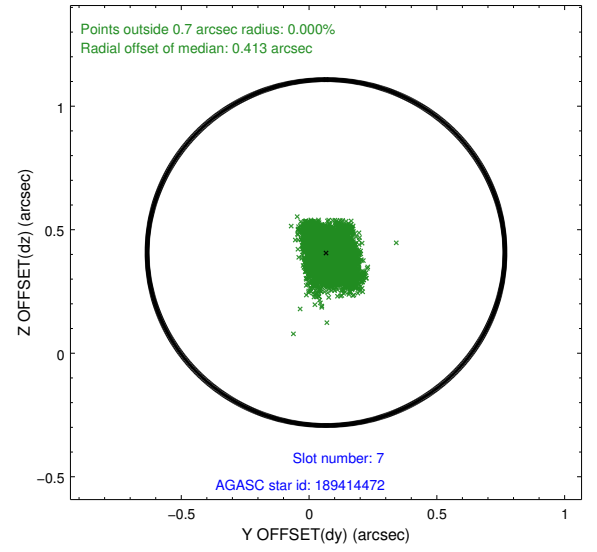
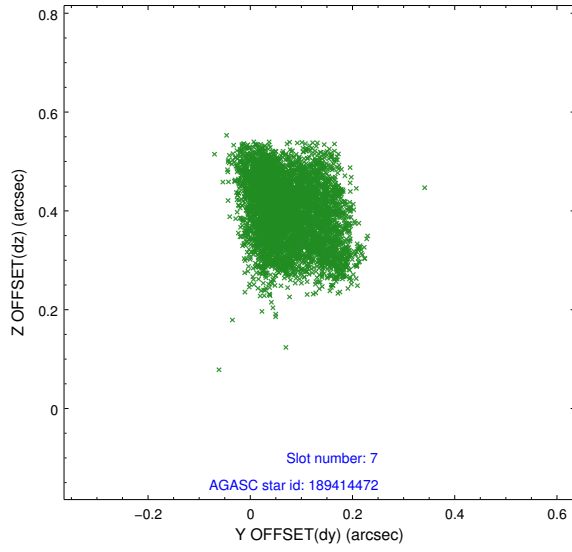
2.4.3 Slot 5



2.4.4 Slot 6

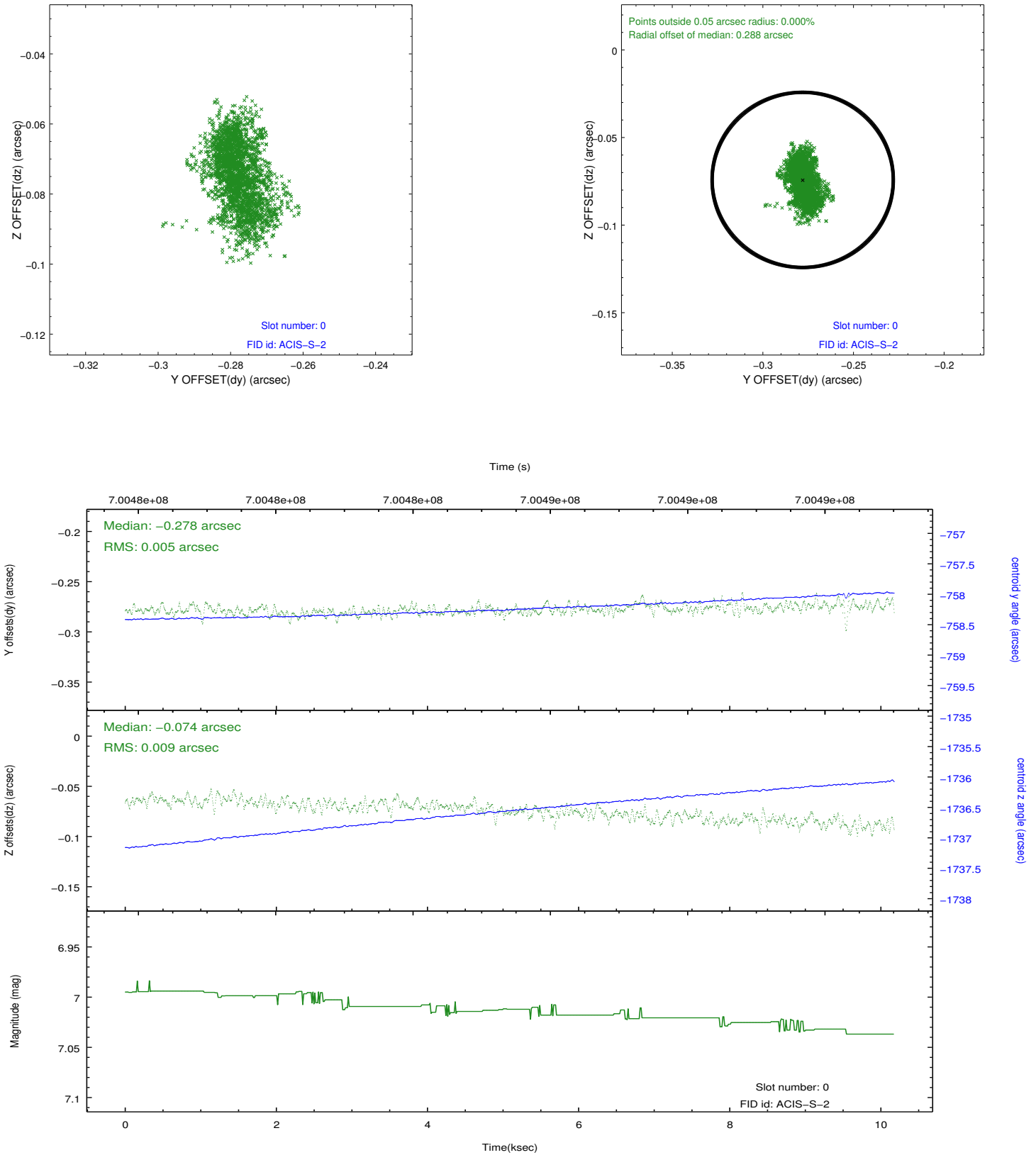


2.4.5 Slot 7

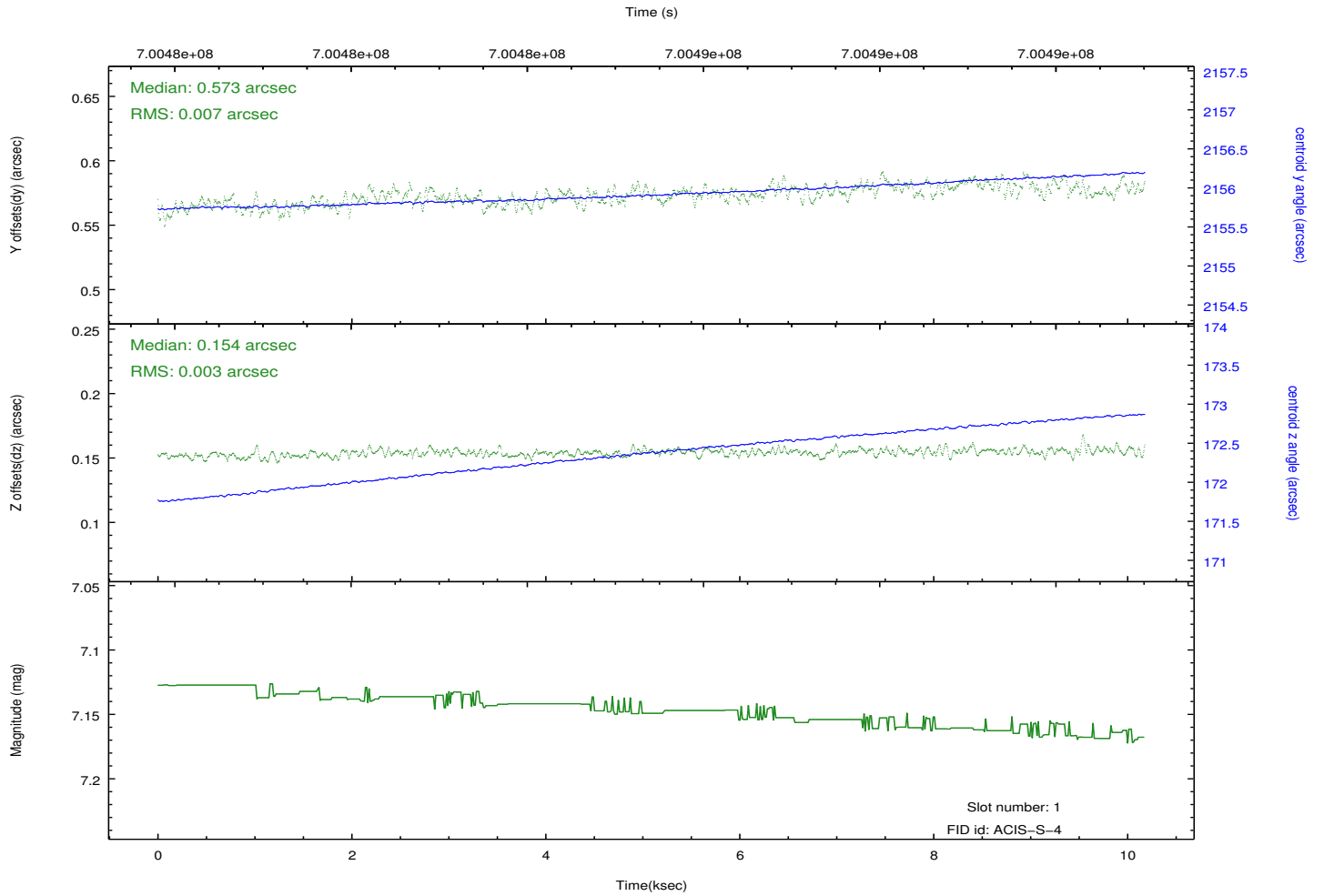
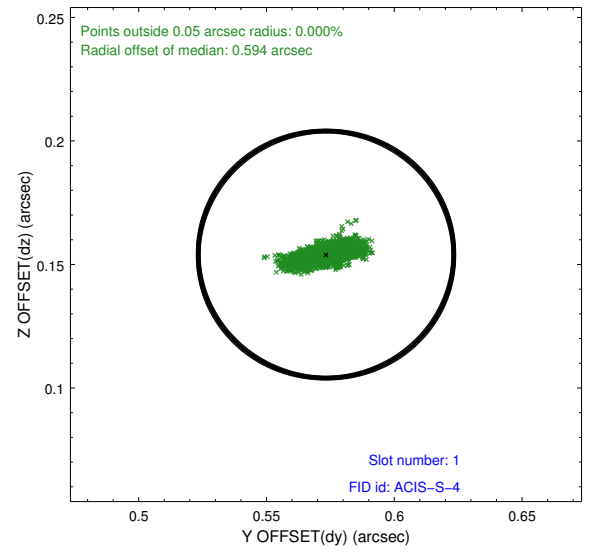
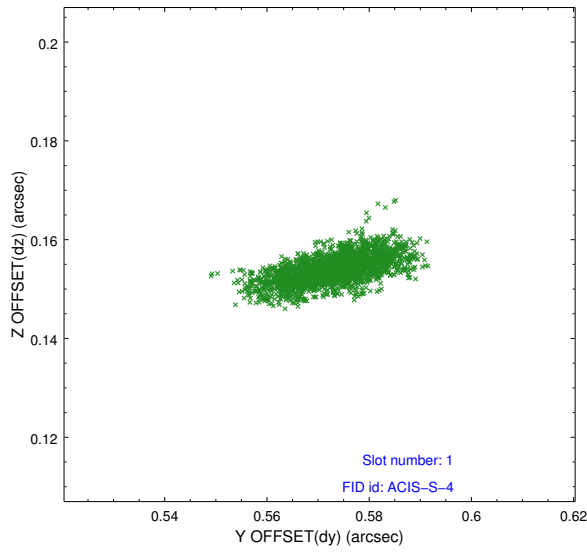


2.5 FID Slots

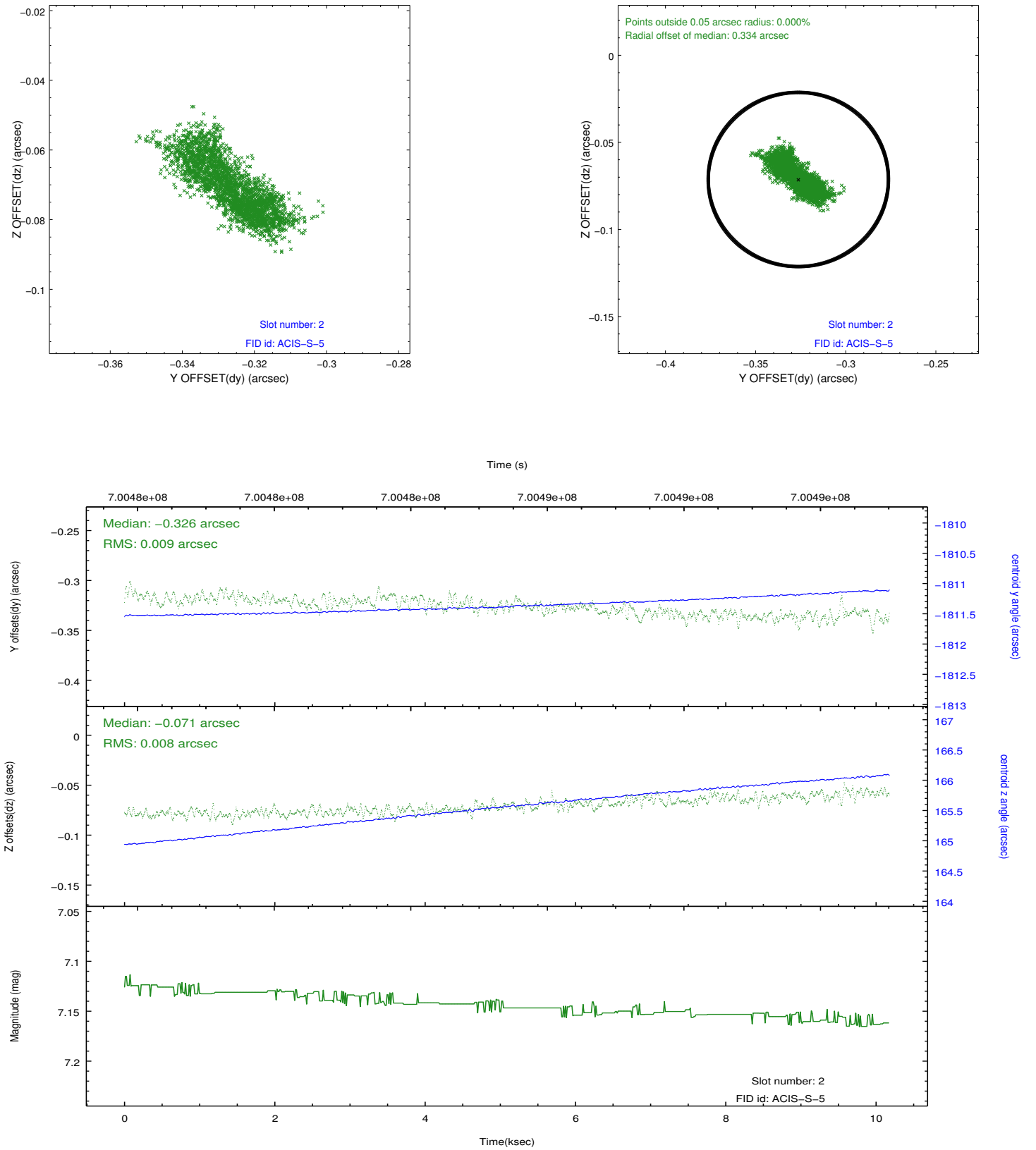
2.5.1 Slot 0



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)	2020.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.090735507607

A.2 Comments