

V&V Reference Report

L2 ASCDS Version : 10.6.4

Observation 21660 - L2 Version 1
Chandra X-Ray Center

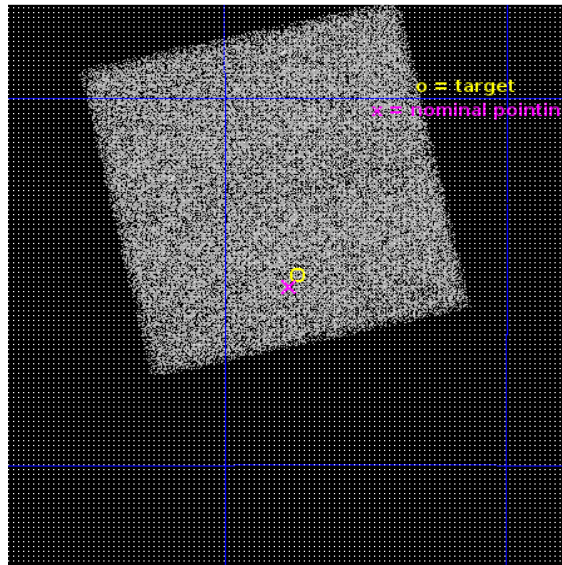
L2 Processing Date : Aug 3 2018

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1 Front

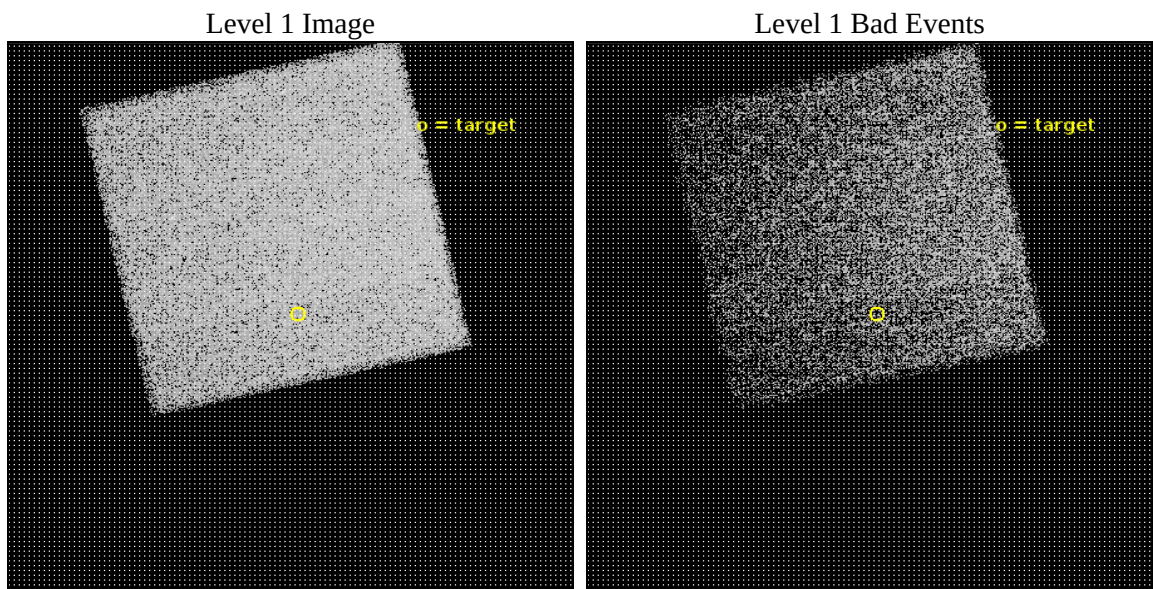
seq_num	503140	Sequence number
obs_id	21660	Observation id
title	The Compact Remnant in the Extraordinary Type Ib SN 2012au	Proposa
observer	Dan Patnaude	Principal investigator
object	SN 2012au	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.7175	Observer's specified target RA [deg]
dec_targ	-10.247278	Observer's specified target Dec [deg]
ra_nom	193.72111165612	Nominal RA [deg]
dec_nom	-10.252436277536	Nominal Dec [deg]
roll_nom	257.15726473561	Nominal Roll [deg]
revision	1	Processing version of data
ontime	20088.0	Sum of GTIs [s]
livetime	19816.904743114	Livetime [s]
ontime7	20088.0	Sum of GTIs [s]
l2events	81587	Number of level 2 events



2 OBI

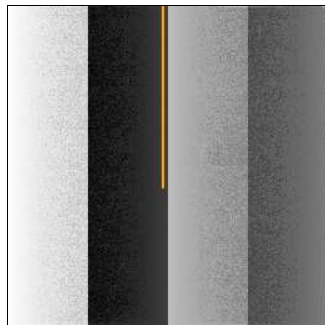
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	20000.000000	[s] Scheduled observation exposure time
ascdsver	10.6.4	Processing system revision	ontime	20088.0	Sum of GTIs [s]
caldsver	4.7.8	 	ontime7	20088.0	Sum of GTIs [s]
date	2018-08-03T09:14:18	Date and time of file creation	l1events	189453	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	189453
rejected events	105697
rejected %	55%

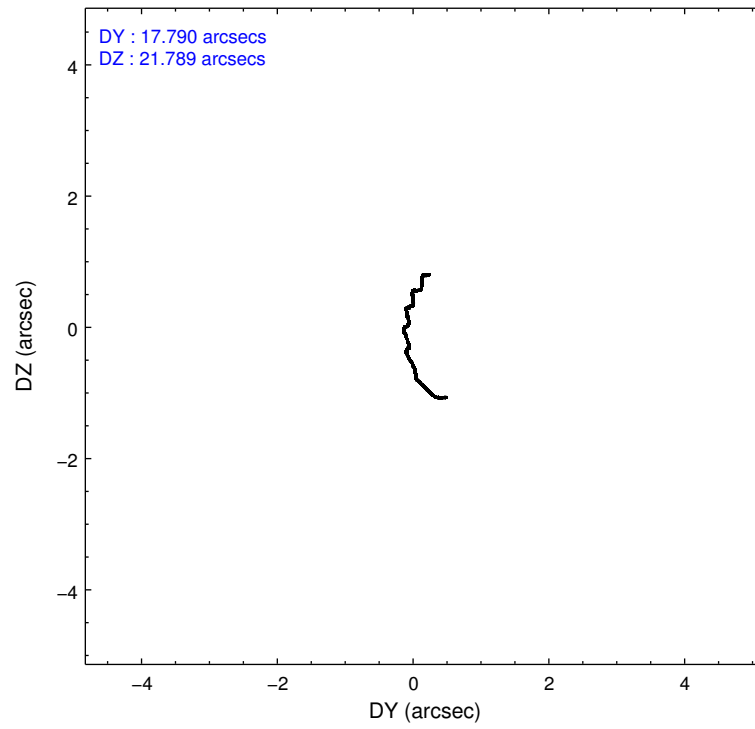
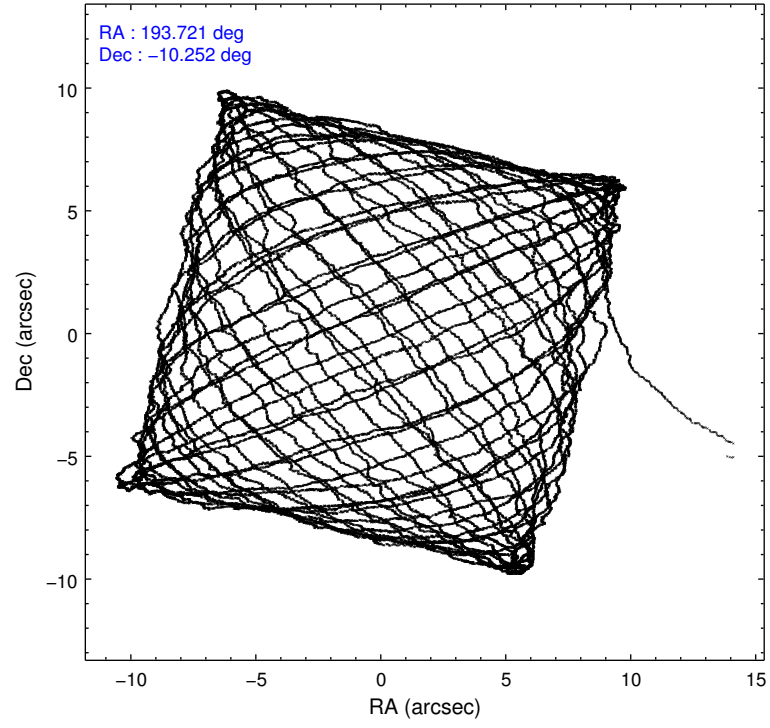
	ccd 7
grade 0 events	7204
	3%
grade 1 events	283
	0%
grade 2 events	17507
	9%
grade 3 events	6636
	3%
grade 4 events	6603
	3%
grade 5 events	18544
	9%
grade 6 events	45825
	24%
grade 7 events	86851
	45%

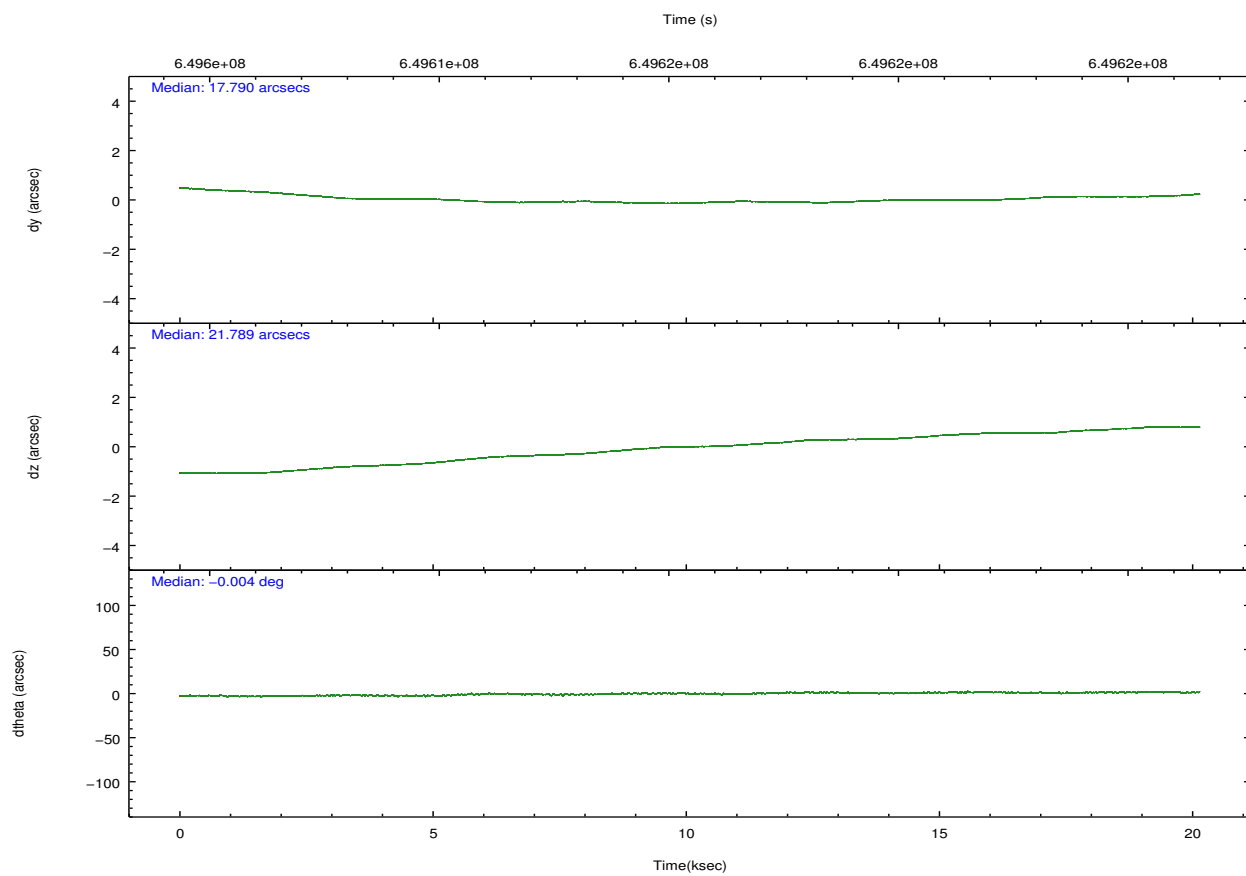
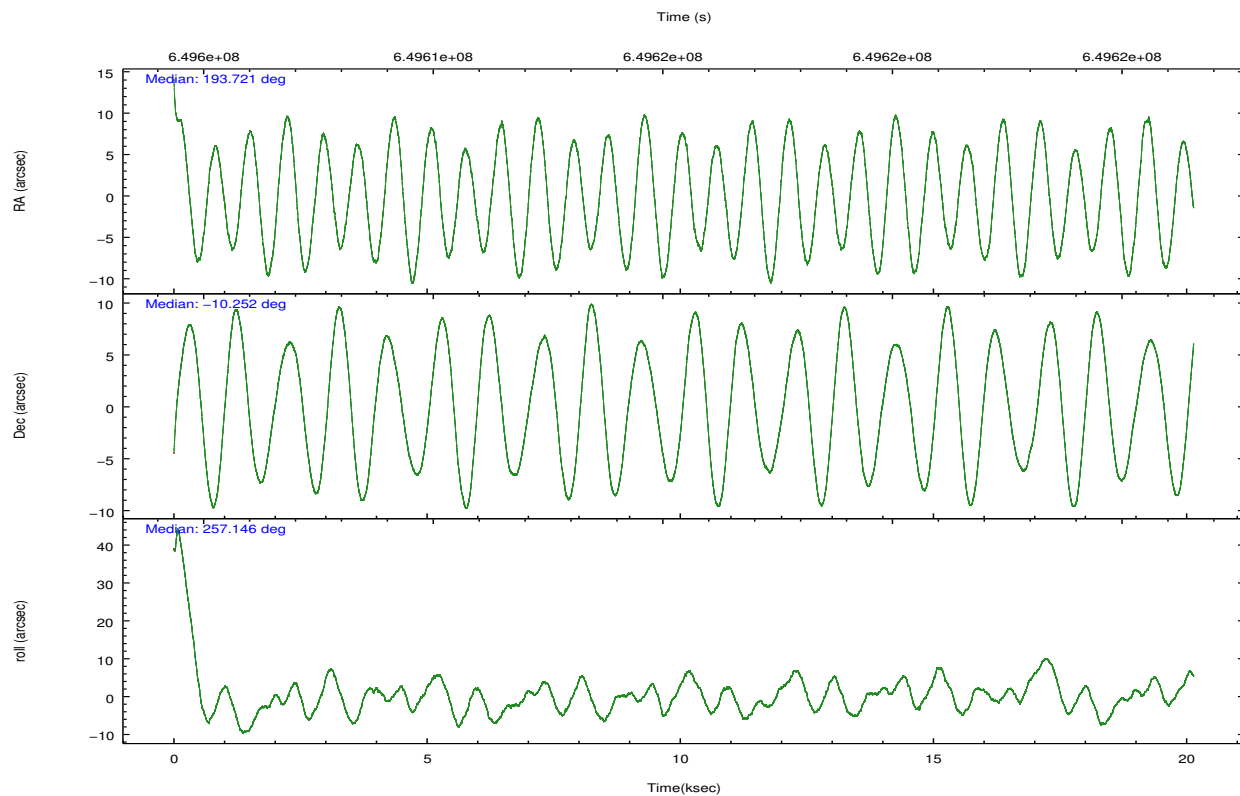
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	193.712508	193.7211116561236
[deg] Pointing Dec	-10.226320	-10.25243627753576
[deg] Pointing Roll	256.999118	257.1572647356118
[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)	649605528.184000	649604318.44152
Observation start date	2018-08-02T13:57:39	2018-08-02T13:38:38
[s] Observation end time (MET)	649625528.184000	649626542.4928401
Observation end date	2018-08-02T19:30:59	2018-08-02T19:49:02
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3

2.3 Aspect



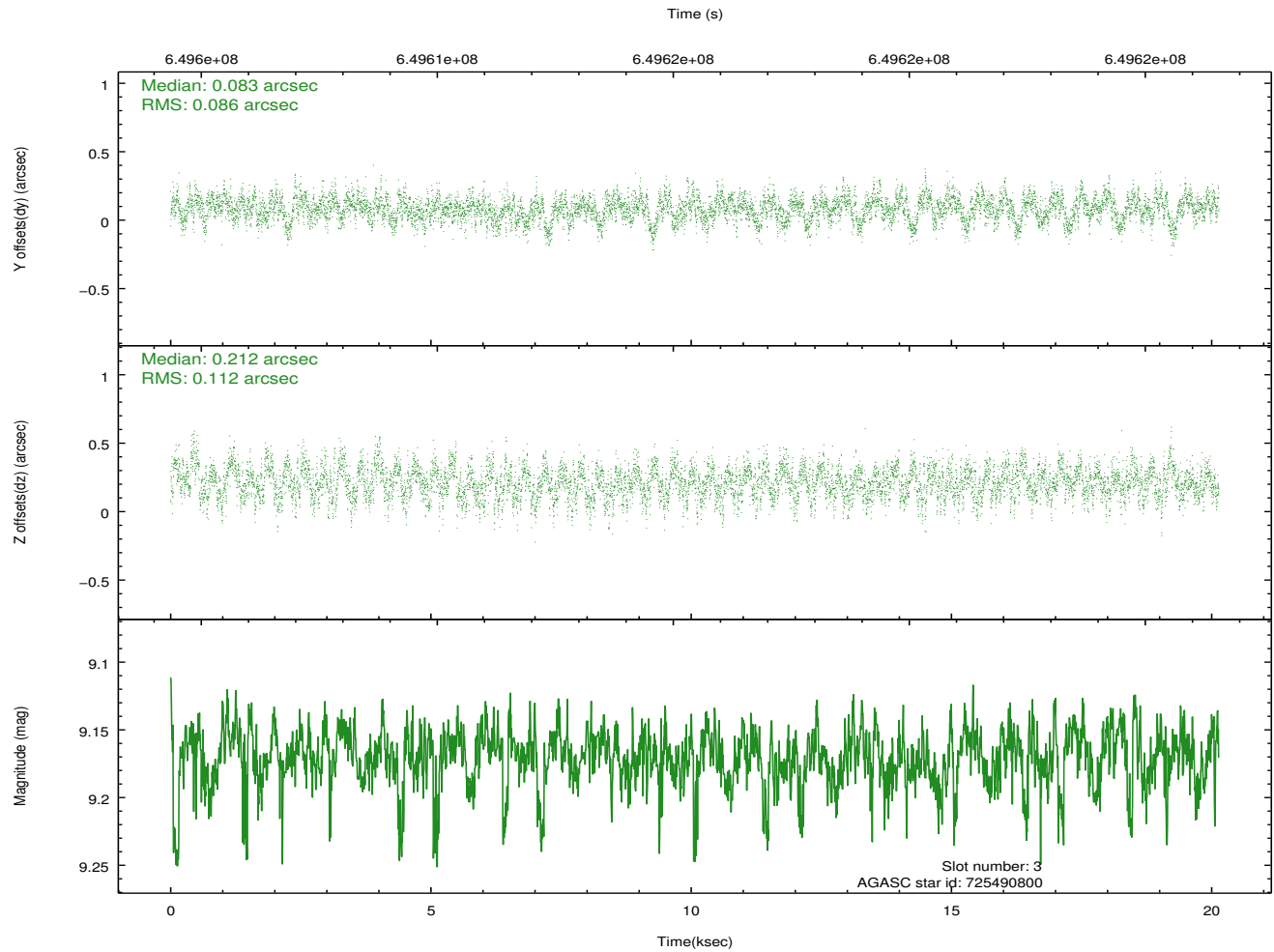
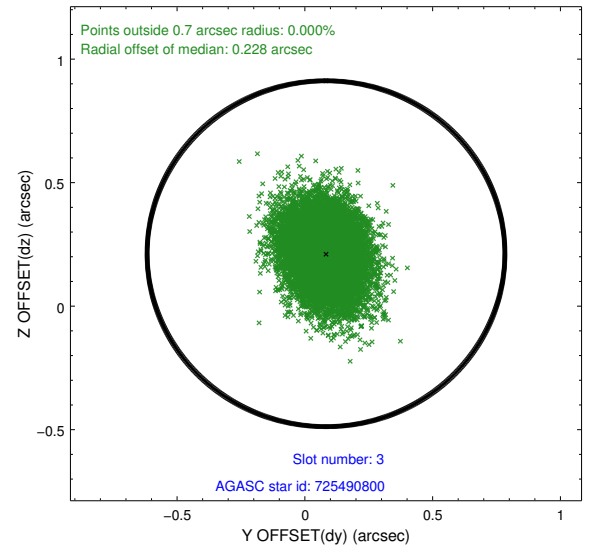
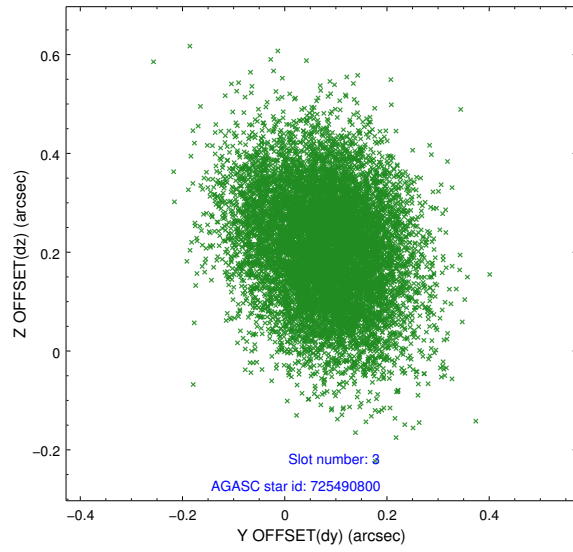


Slot Statistics

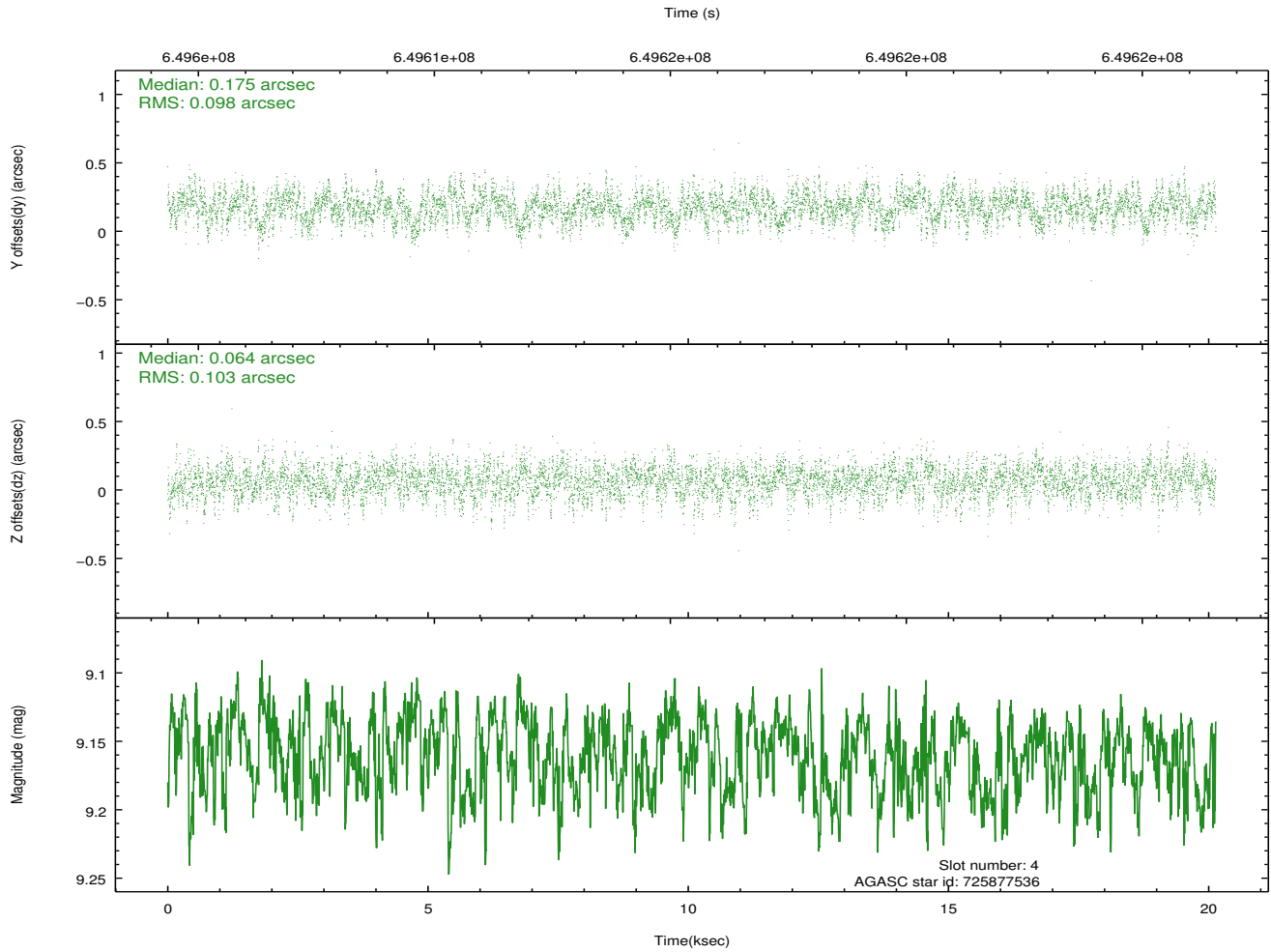
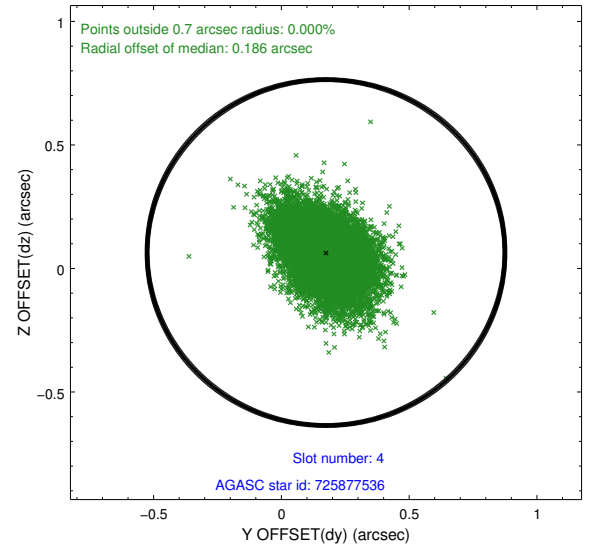
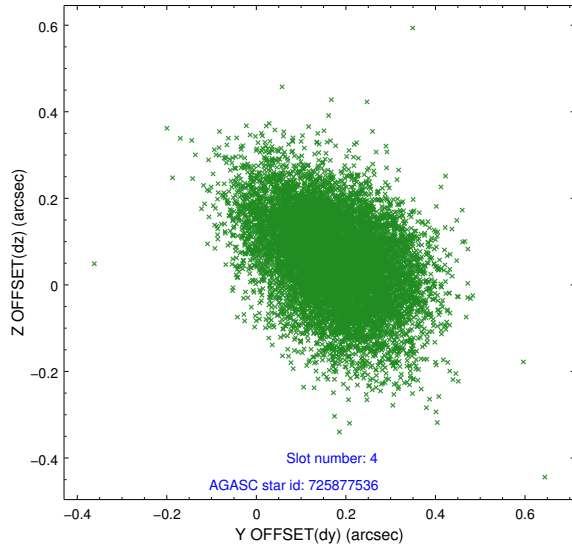
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.07	4913	1.000	-0.201	-0.130	0.017	0.037	0.000000	0.000000	-771.06	-1743
1	FID		ACIS-S-4	7.17	4912	1.000	0.488	0.132	0.022	0.054	0.000000	0.000000	2142.81	165
2	FID		ACIS-S-5	7.17	4913	1.000	-0.319	0.008	0.018	0.037	0.000000	0.000000	-1823.80	158
3	GUIDE	used	725490800	9.17	9820	1.000	0.083	0.212	0.151	0.243	193.423936	-9.618178	-1901.90	-1490
4	GUIDE	used	725877536	9.16	9810	1.000	0.175	0.064	0.150	0.248	193.233989	-10.560716	1555.83	-1379
5	GUIDE	used	725878456	8.80	9815	1.000	-0.126	-0.058	0.152	0.238	193.306402	-10.183063	173.64	-1437
6	GUIDE	used	725879064	8.50	9821	1.000	0.106	0.030	0.136	0.213	193.520036	-10.106145	-267.32	-762
7	GUIDE	used	726011624	9.04	9811	1.000	-0.218	-0.235	0.166	0.274	194.241067	-10.882957	1884.64	2352

2.4 Star Slots

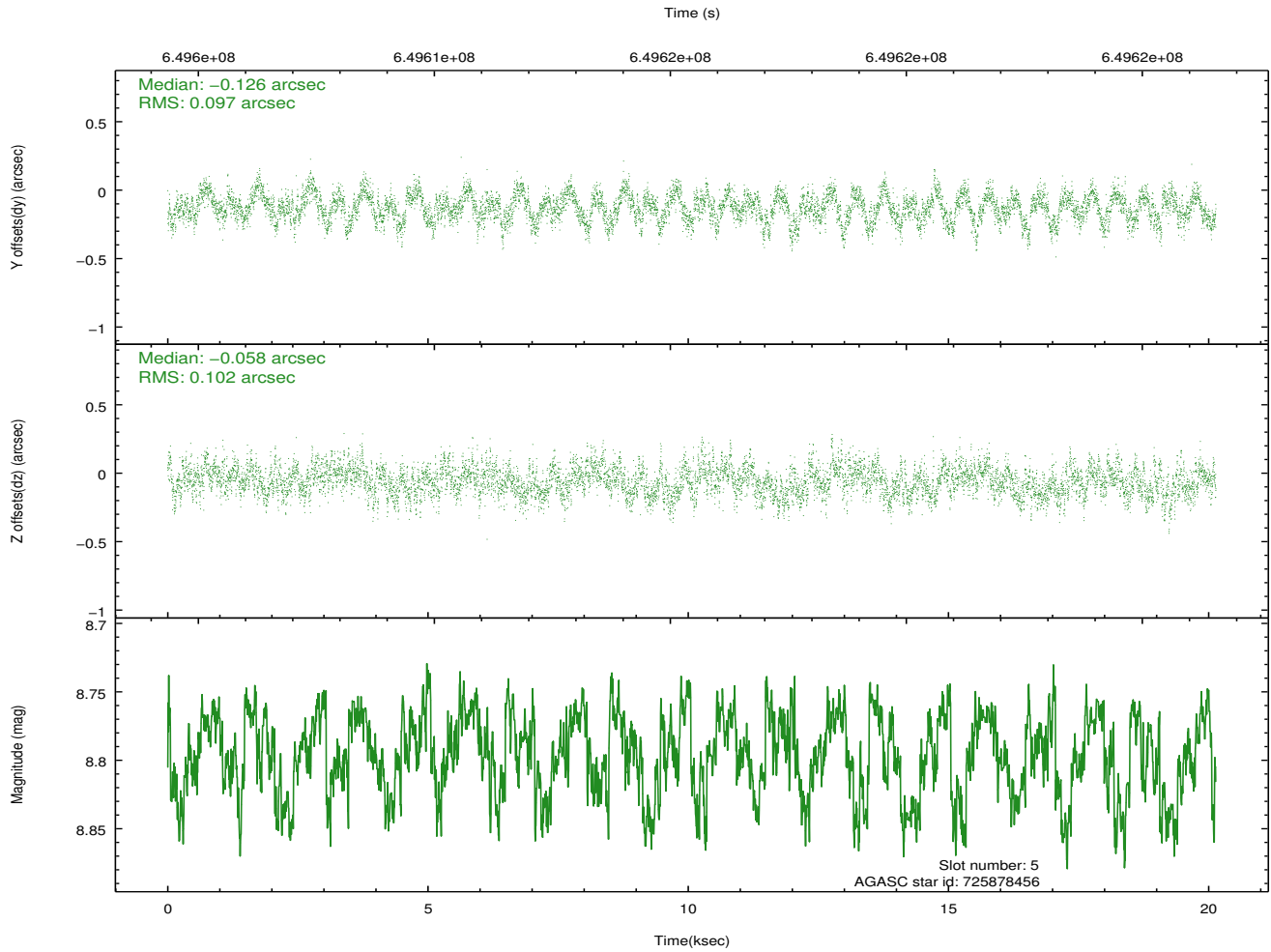
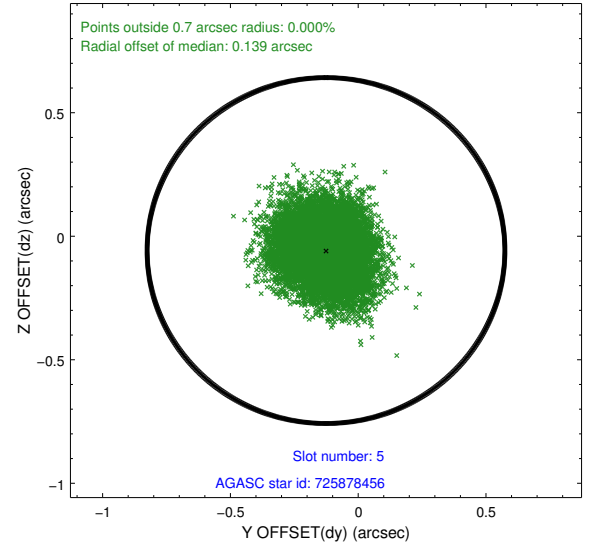
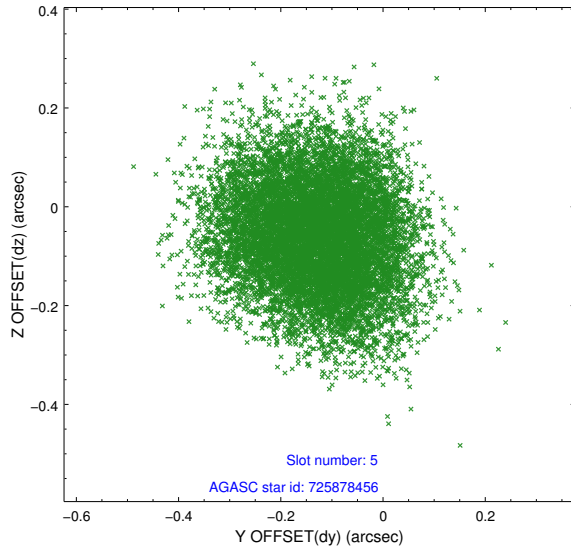
2.4.1 Slot 3



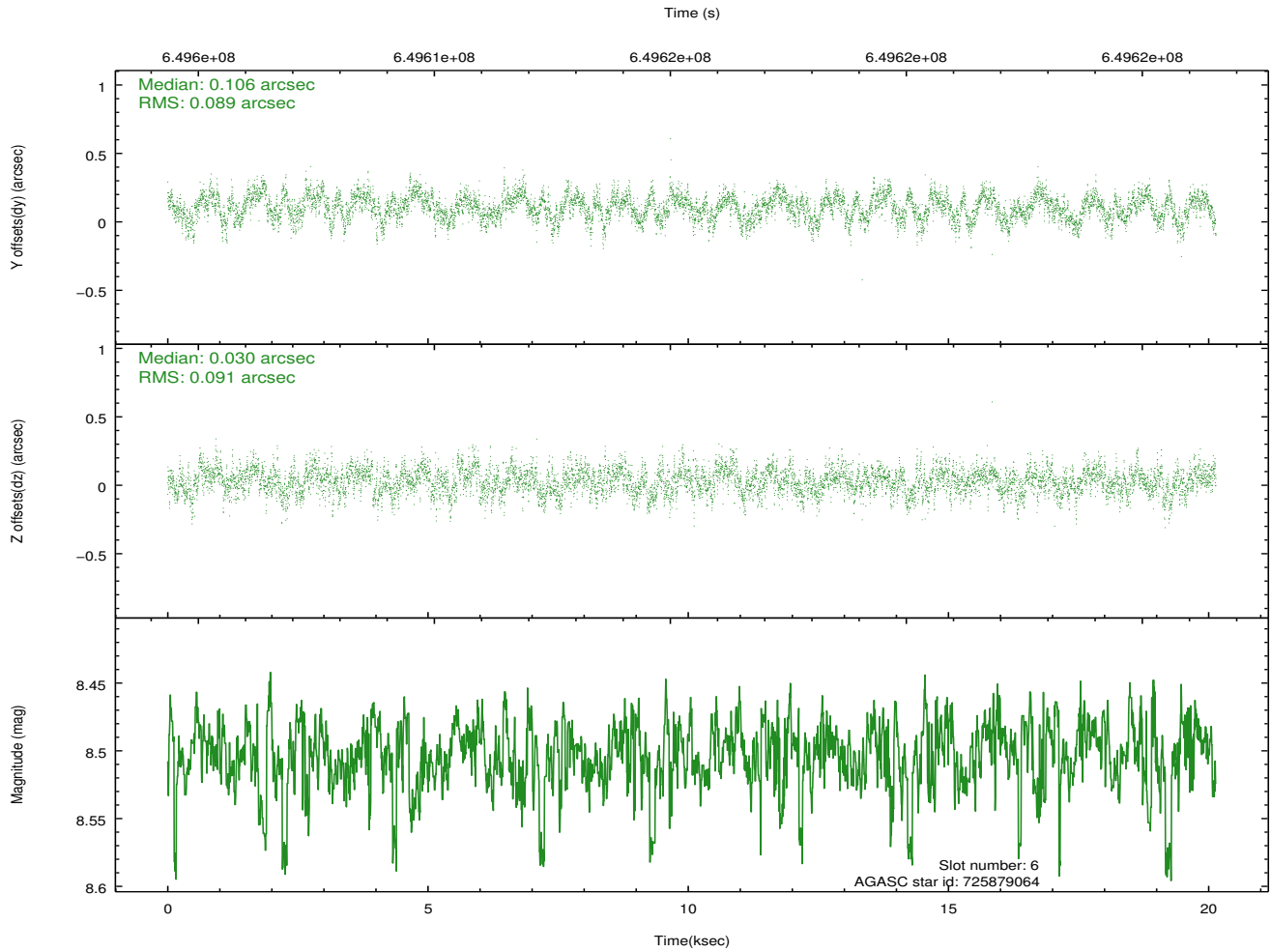
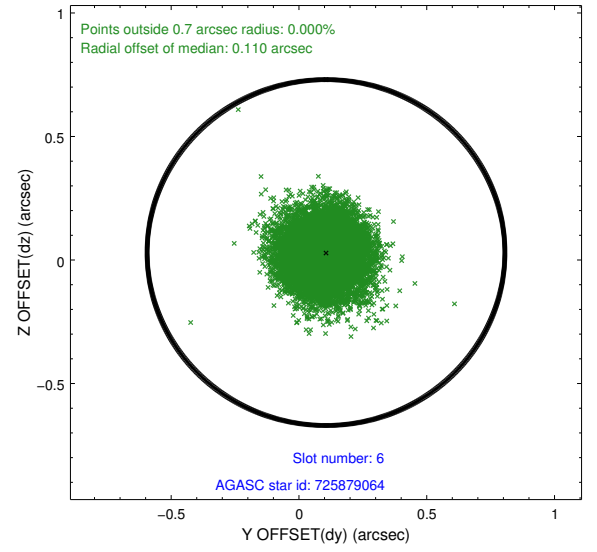
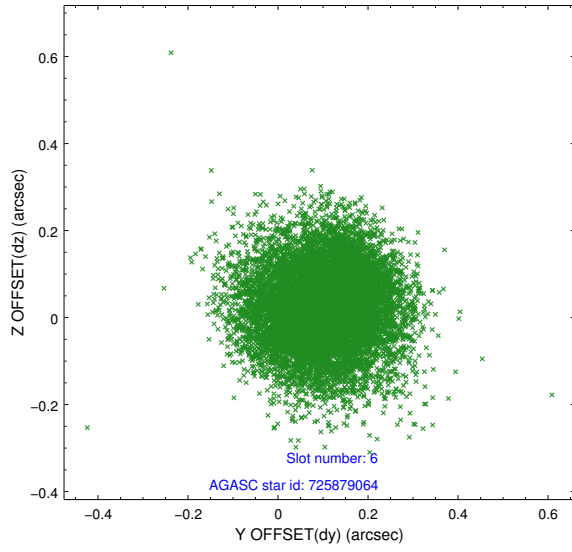
2.4.2 Slot 4



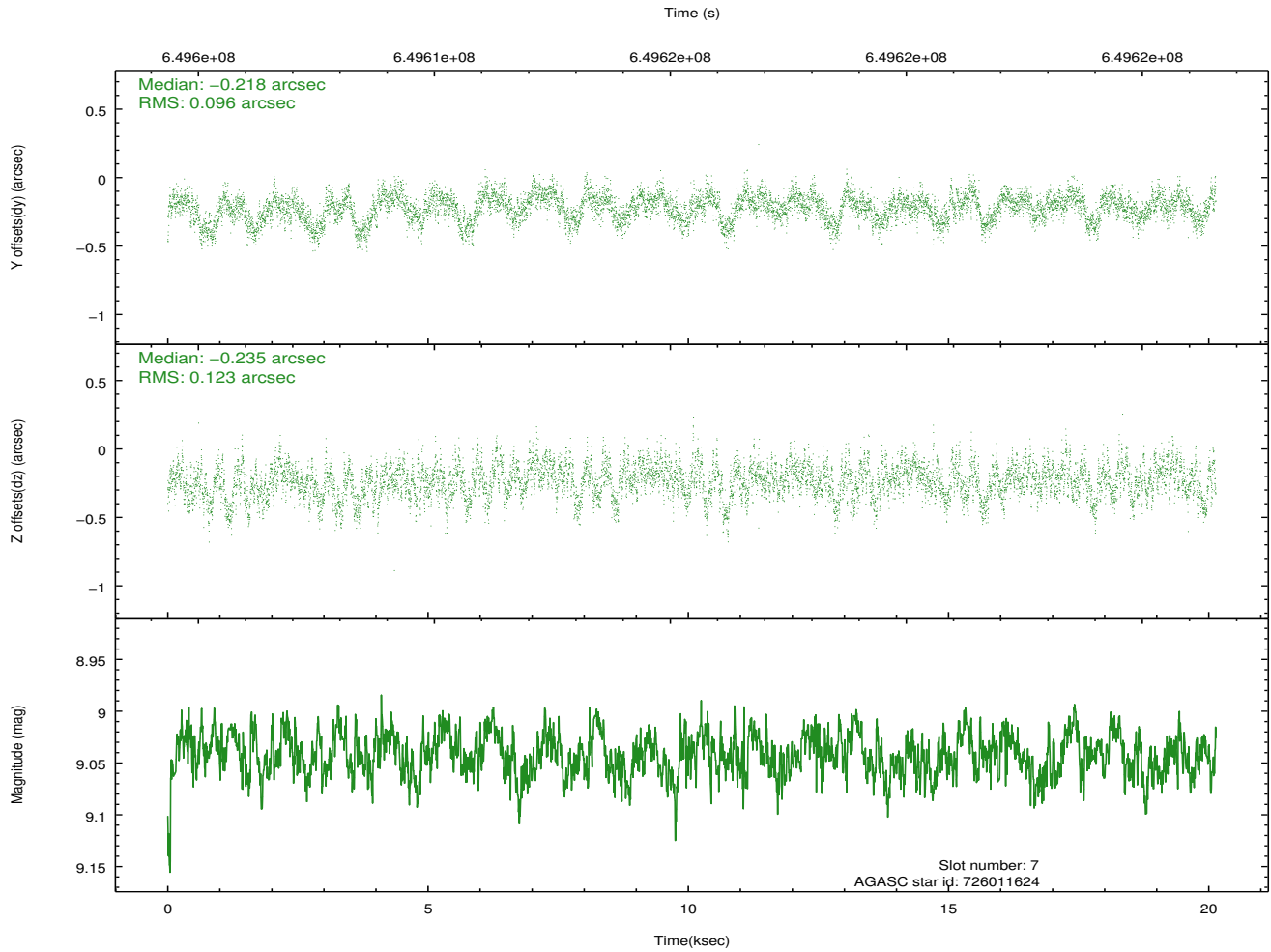
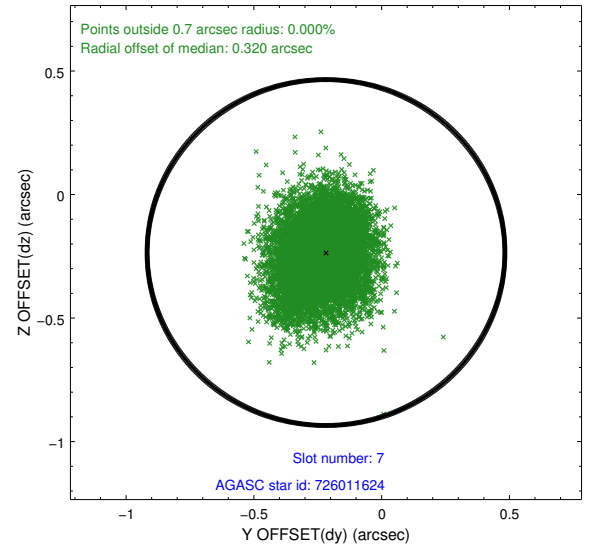
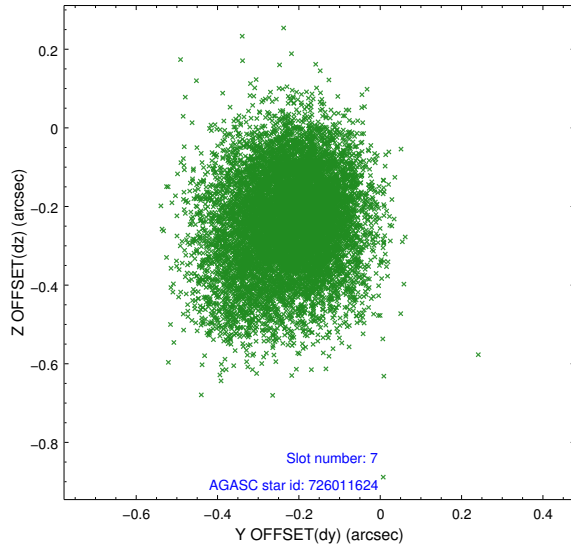
2.4.3 Slot 5



2.4.4 Slot 6

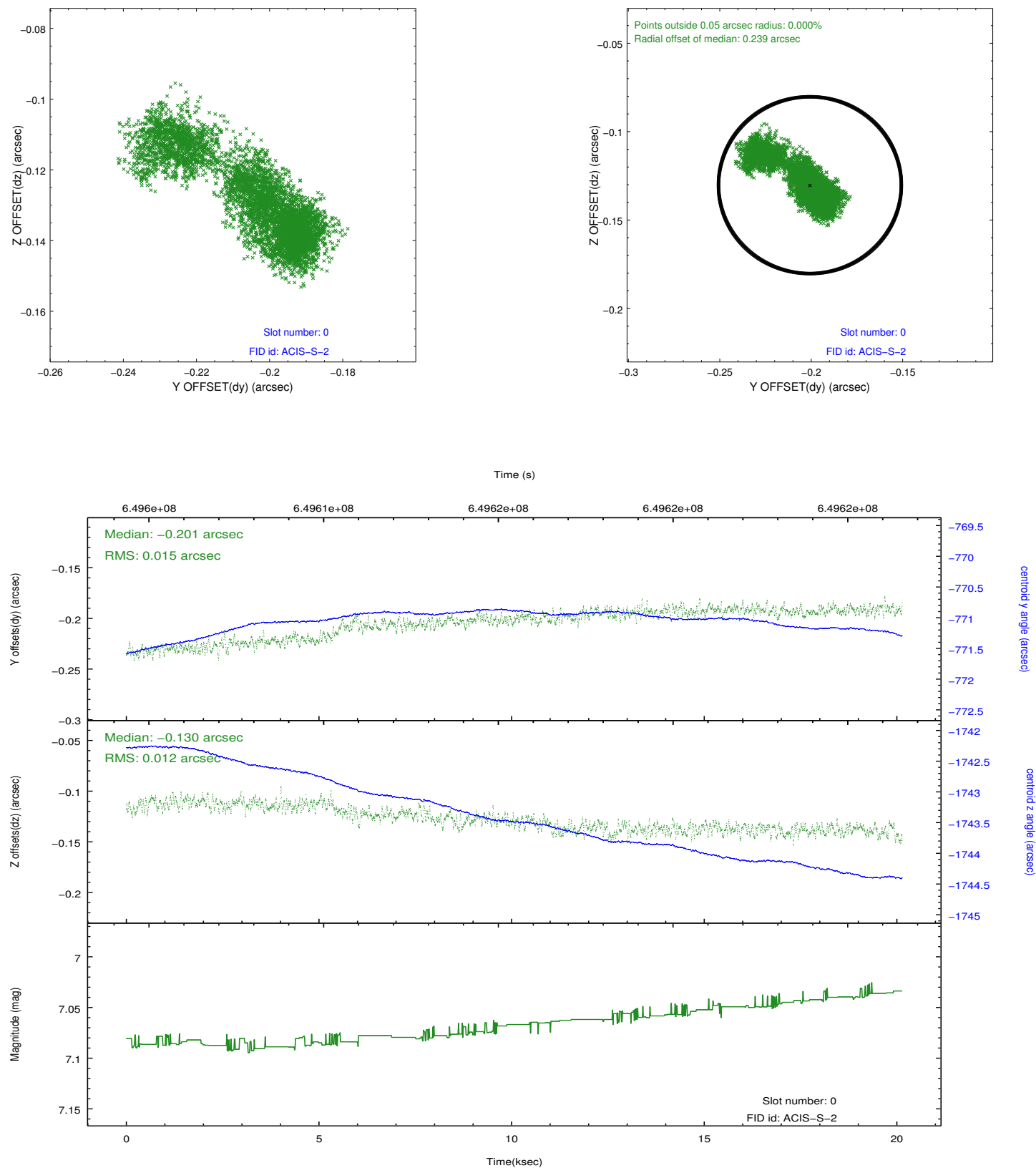


2.4.5 Slot 7

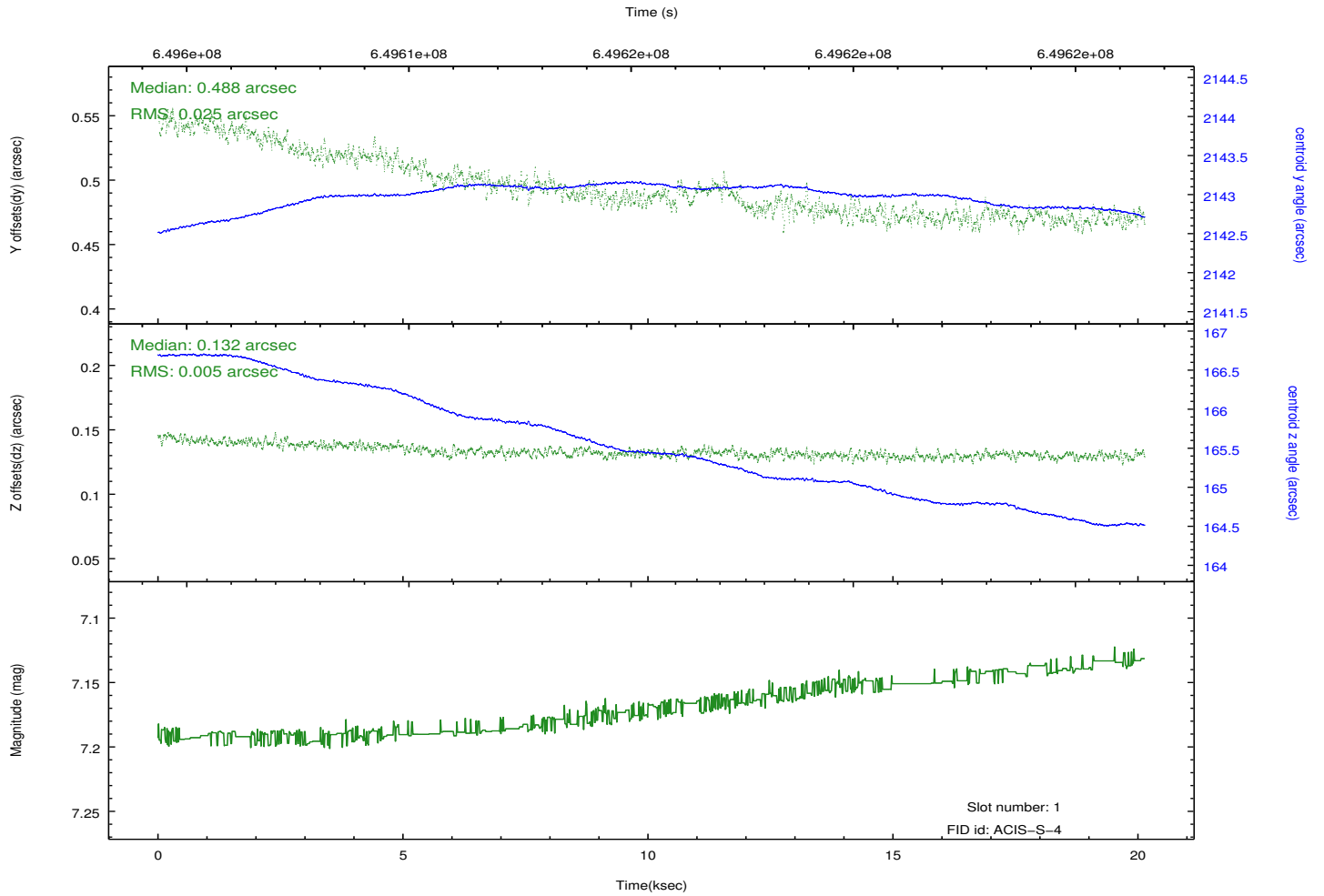
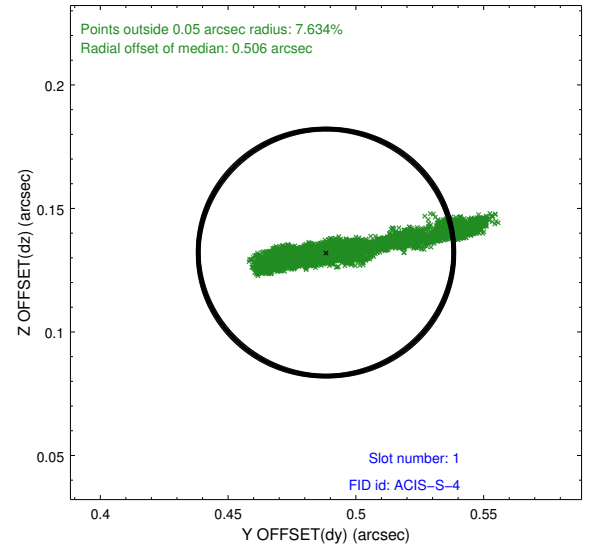
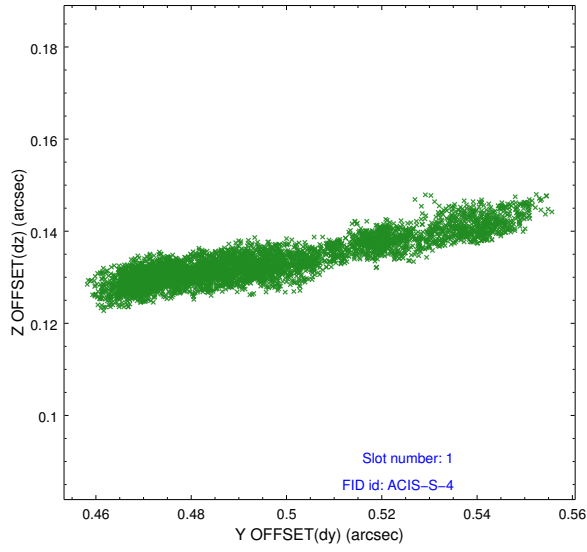


2.5 FID Slots

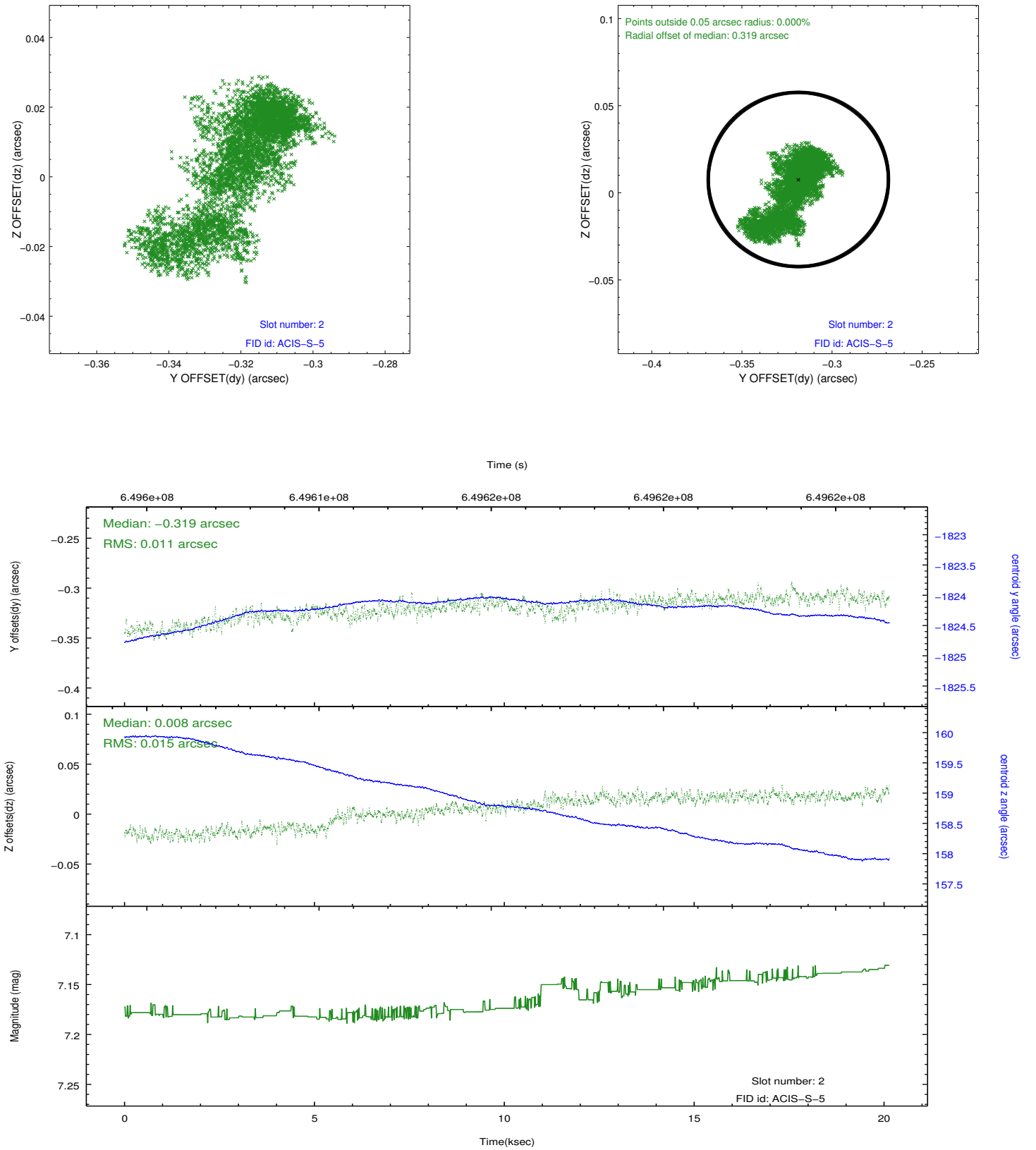
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.088

A.2 Comments