

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 15787 - L2 Version 1
Chandra X-Ray Center

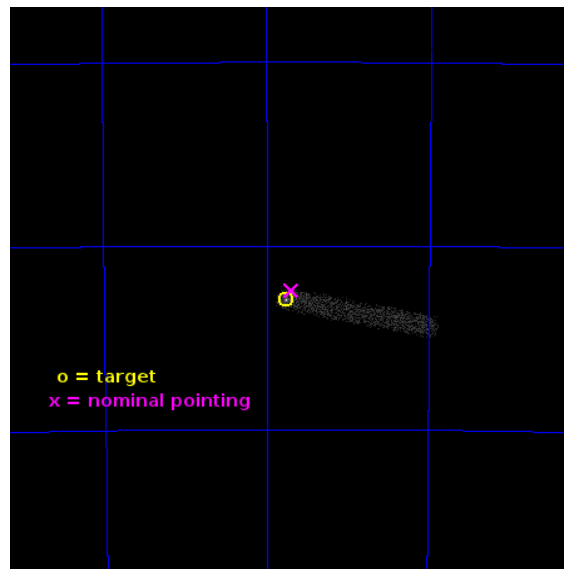
L2 Processing Date : Jul 19 2014

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1 Front

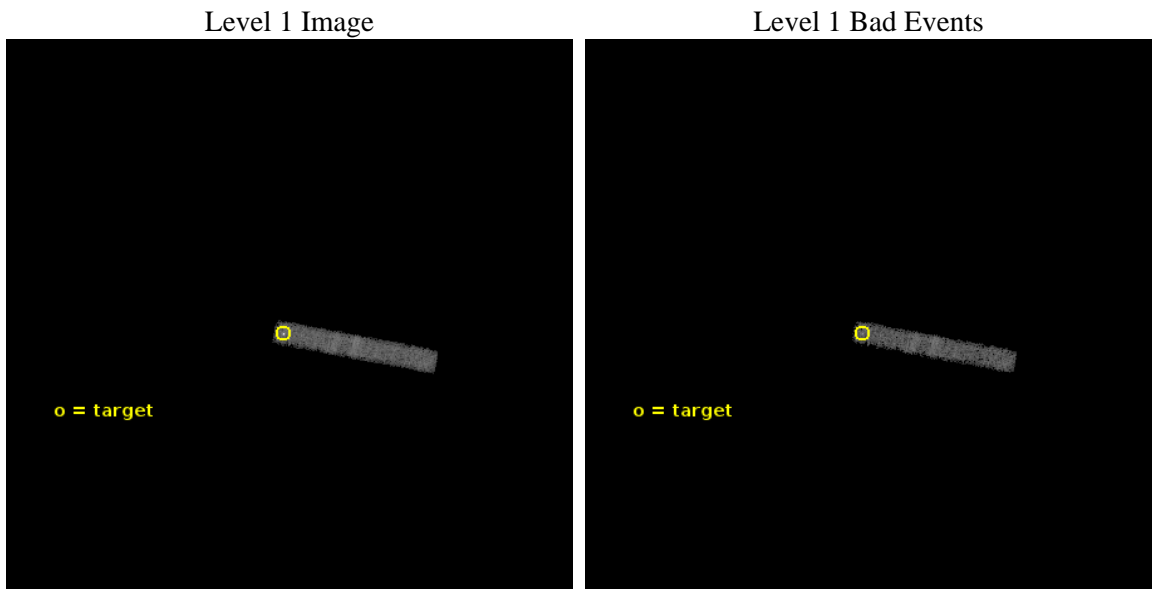
seq_num	401584	Sequence number
obs_id	15787	Observation id
title	Chandra's study of the slow pulsar SXP1062 associated with a young SNR in the SMC	Proposal title
observer	Dr. Lidia Oskinova	Principal investigator
object	SXP 1062	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	21.94125	Observer's specified target RA [deg]
dec_targ	-73.548972	Observer's specified target Dec [deg]
ra_nom	21.923351111471	Nominal RA [deg]
dec_nom	-73.540305369093	Nominal Dec [deg]
roll_nom	101.34153124545	Nominal Roll [deg]
revision	1	Processing version of data
ontime	27740.0	Sum of GTIs [s]
liveltime	25635.812509241	Livetime [s]
ontime3	27740.0	Sum of GTIs [s]
l2events	5244	Number of level 2 events



2 OBI

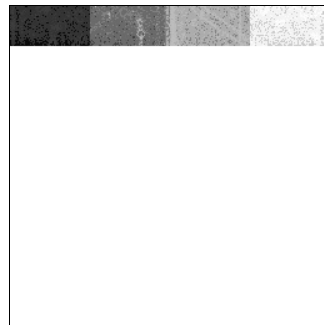
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	27638.000000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	27740.0	Sum of GTIs [s]
caldbver	4.6.2	 	ontime3	27740.0	Sum of GTIs [s]
date	2014-07-19T16:11:41	Date and time of file creation	l1events	23840	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

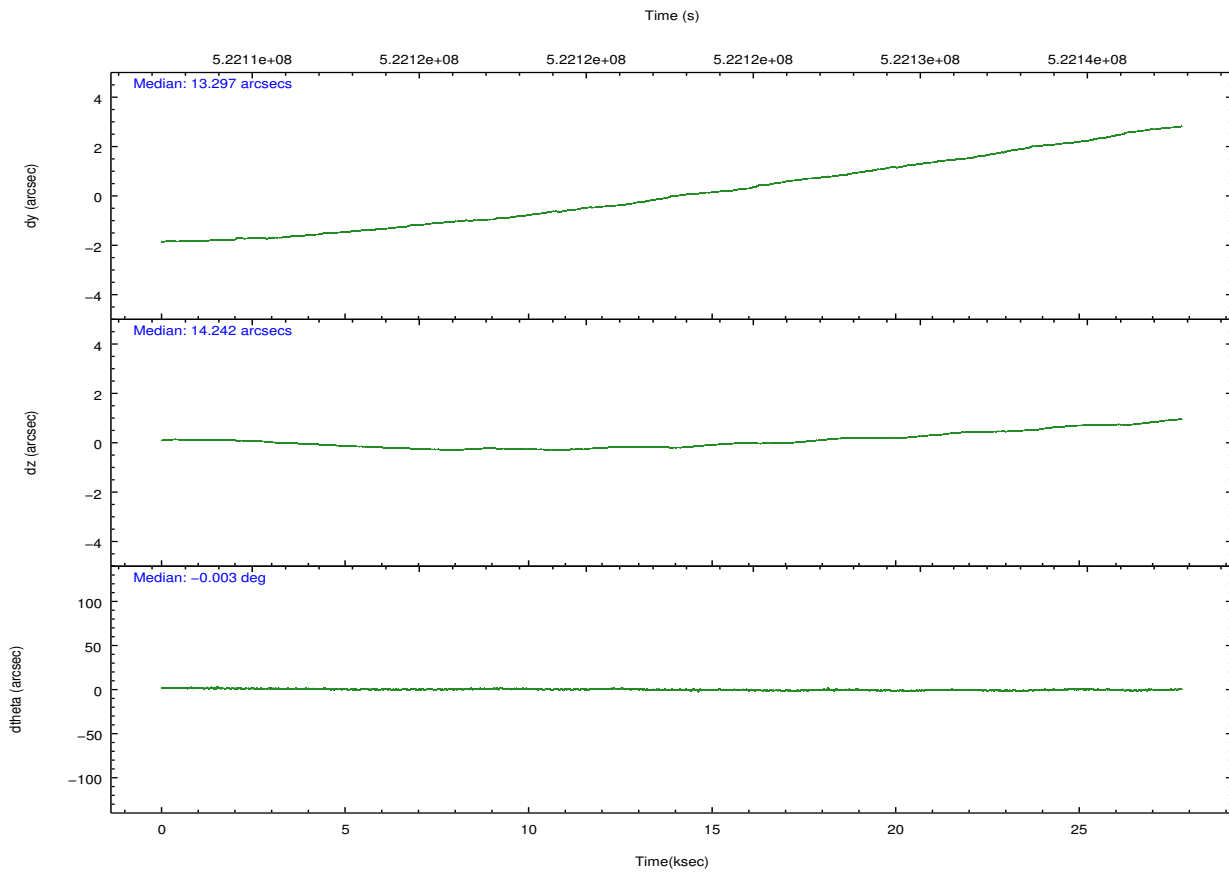
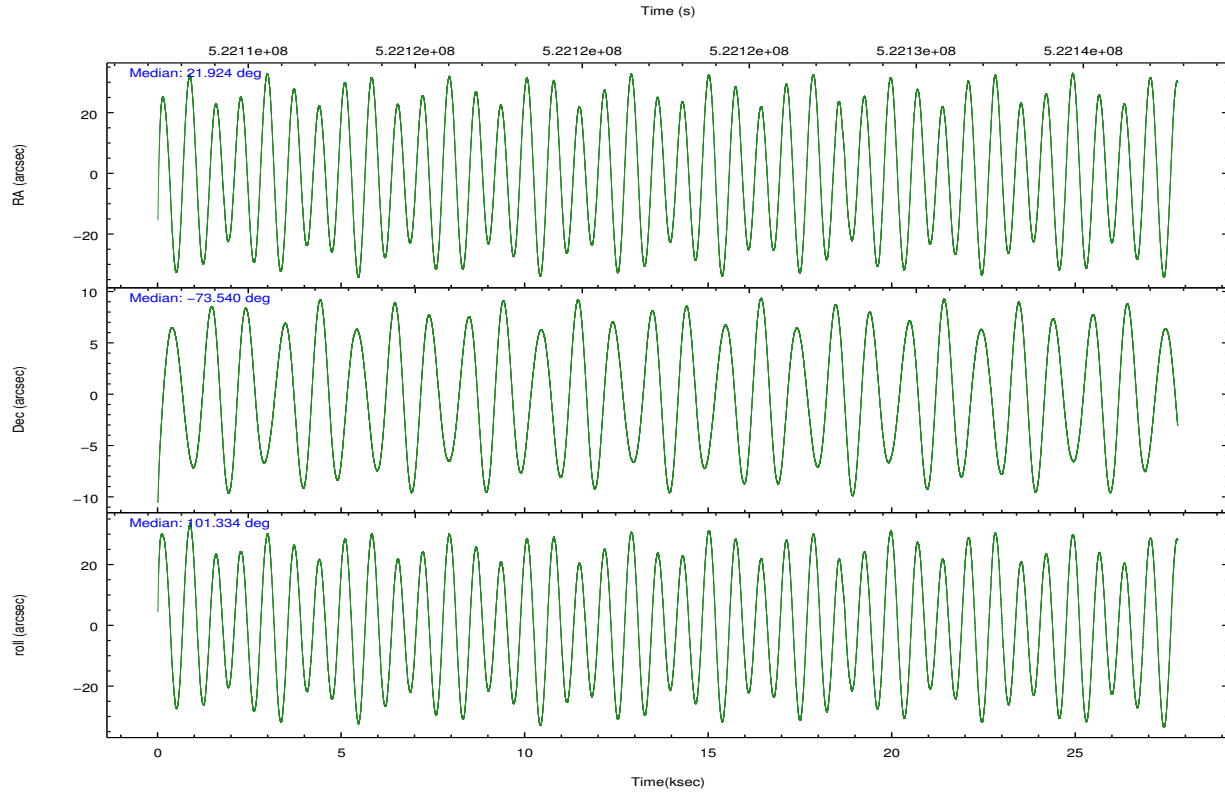
	ccd 3
level 1 events	23840
rejected events	18160
rejected %	76%

	ccd 3
grade 0 events	2997
	12%
grade 1 events	38
	0%
grade 2 events	803
	3%
grade 3 events	600
	2%
grade 4 events	598
	2%
grade 5 events	984
	4%
grade 6 events	682
	2%
grade 7 events	17138
	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	21.988005	21.92335111147099	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-73.560983	-73.54030536909345	Subarray start row	897	897
[deg] Pointing Roll	101.194849	101.3415312454461	Subarray row count	128	128
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.5
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	522108825.184000	522107793.76699			
Observation start date	2014-07-18T22:12:38	2014-07-18T21:56:33			
[s] Observation end time (MET)	522136463.184000	522136889.9311			
Observation end date	2014-07-19T05:53:16	2014-07-19T06:01:29			
Read mode	TIMED	TIMED			

2.3 Aspect

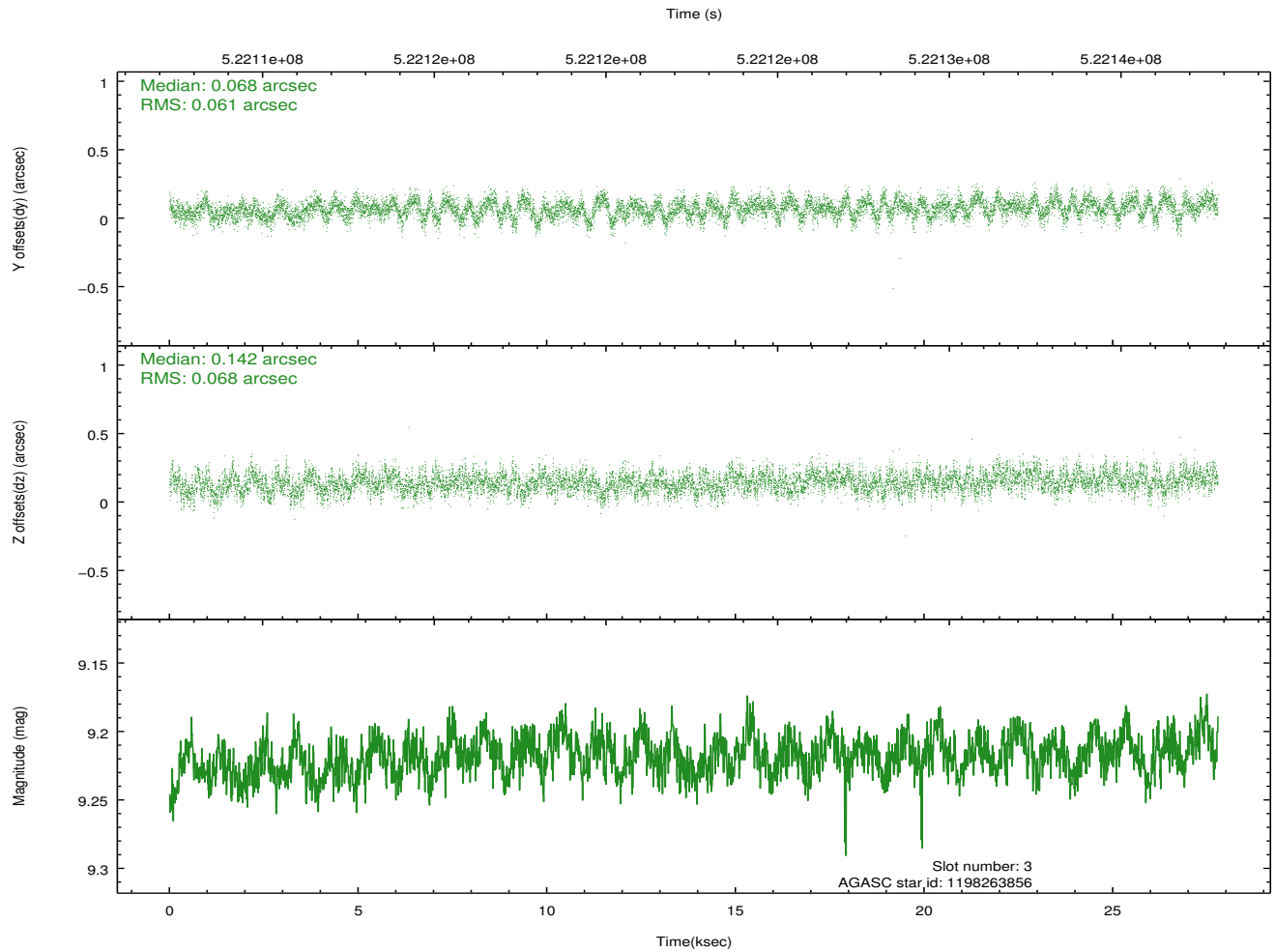
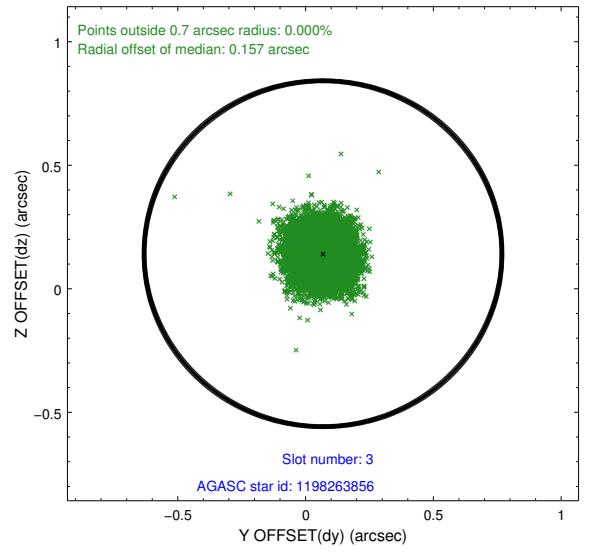
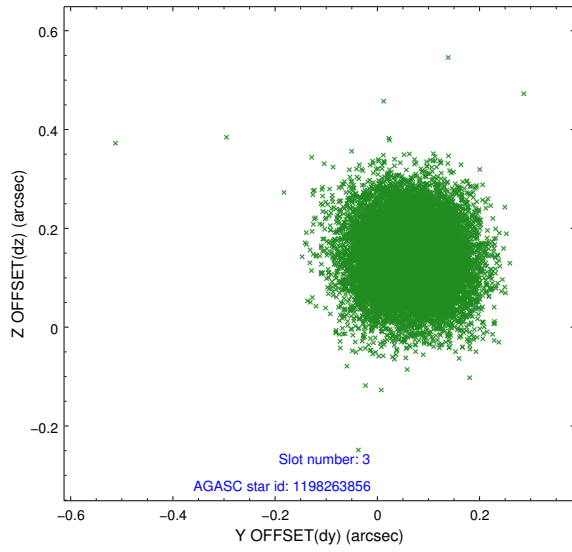


Slot Statistics

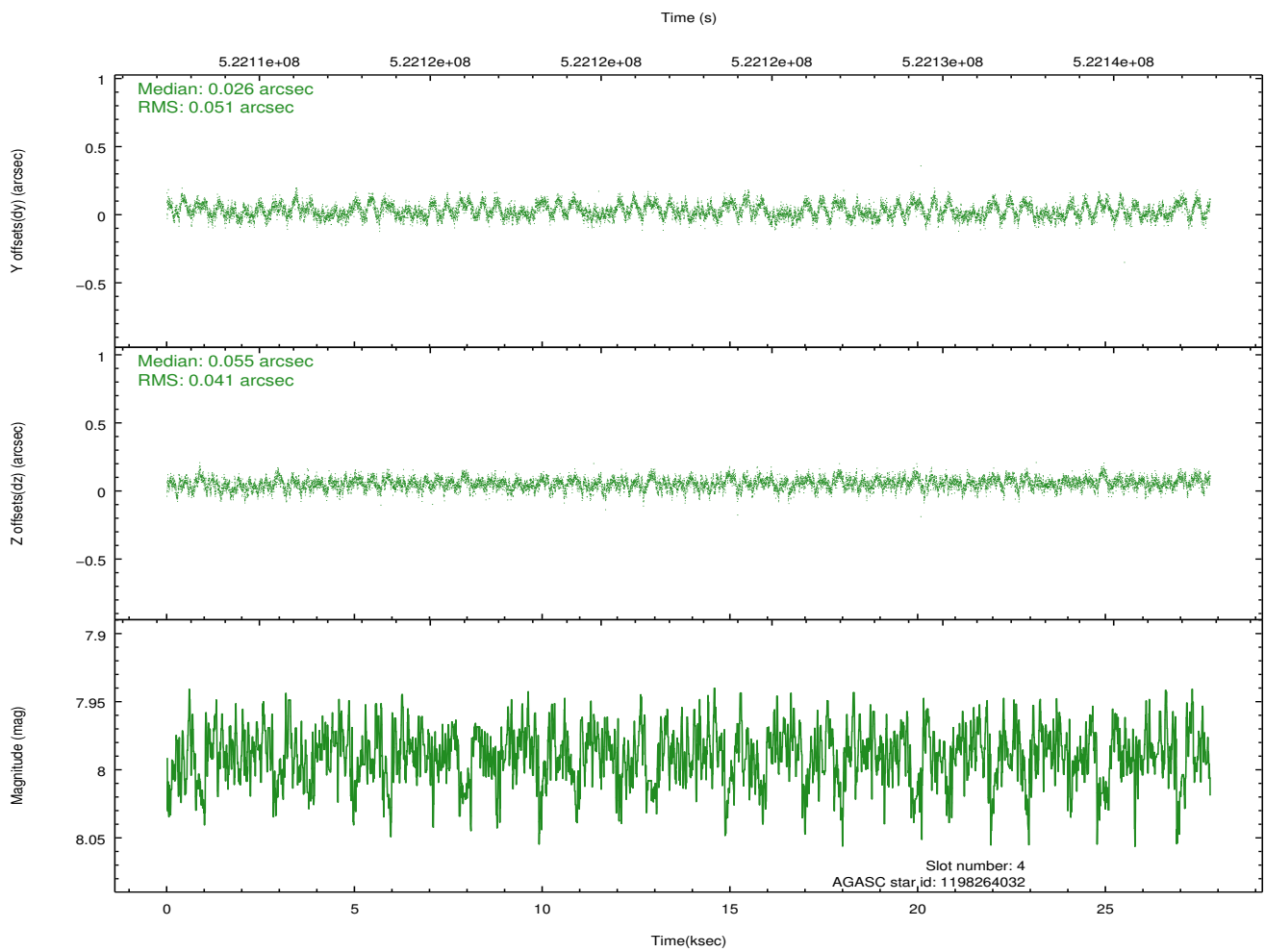
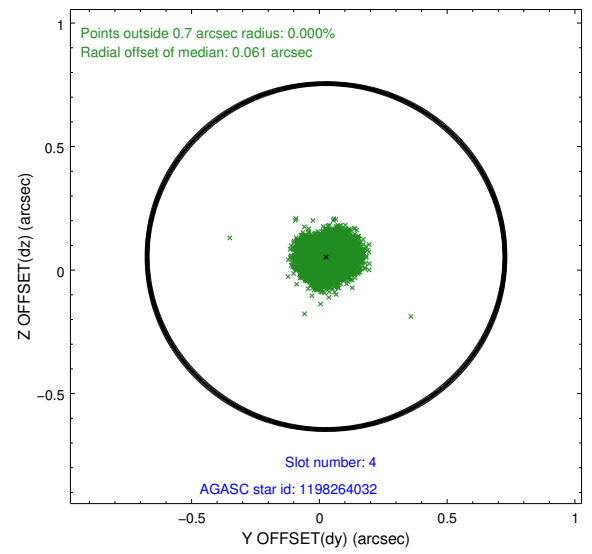
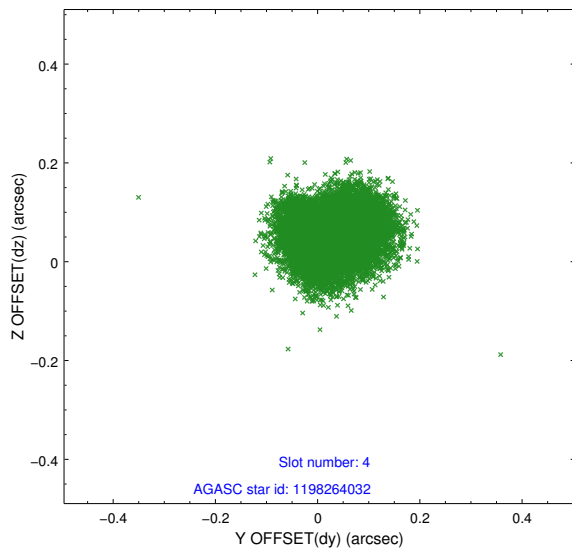
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.01	6776	0.016	0.018	0.013	0.026	0.000000	0.000000	926.14	-837.88
1	FID	ACIS-I-5	7.00	6776	-0.183	0.033	0.016	0.025	0.000000	0.000000	-1822.17	1059.50
2	FID	ACIS-I-6	6.99	6776	0.073	0.019	0.018	0.025	0.000000	0.000000	391.57	1704.16
3	GUIDE	1198263856	9.22	13541	0.068	0.142	0.098	0.156	23.344483	-73.858921	-1330.42	-1120.36
4	GUIDE	1198264032	7.99	13549	0.026	0.055	0.072	0.110	22.563131	-73.173817	1248.00	-857.04
5	GUIDE	1198268712	8.52	13545	0.055	0.182	0.074	0.118	21.961983	-73.269598	1034.65	-177.41
6	GUIDE	1198269920	8.24	13550	-0.051	-0.179	0.074	0.126	20.316466	-73.033728	2178.90	1358.47
7	GUIDE	1198272400	9.13	13544	-0.097	-0.199	0.103	0.158	20.411923	-73.620598	79.42	1615.18

2.4 Star Slots

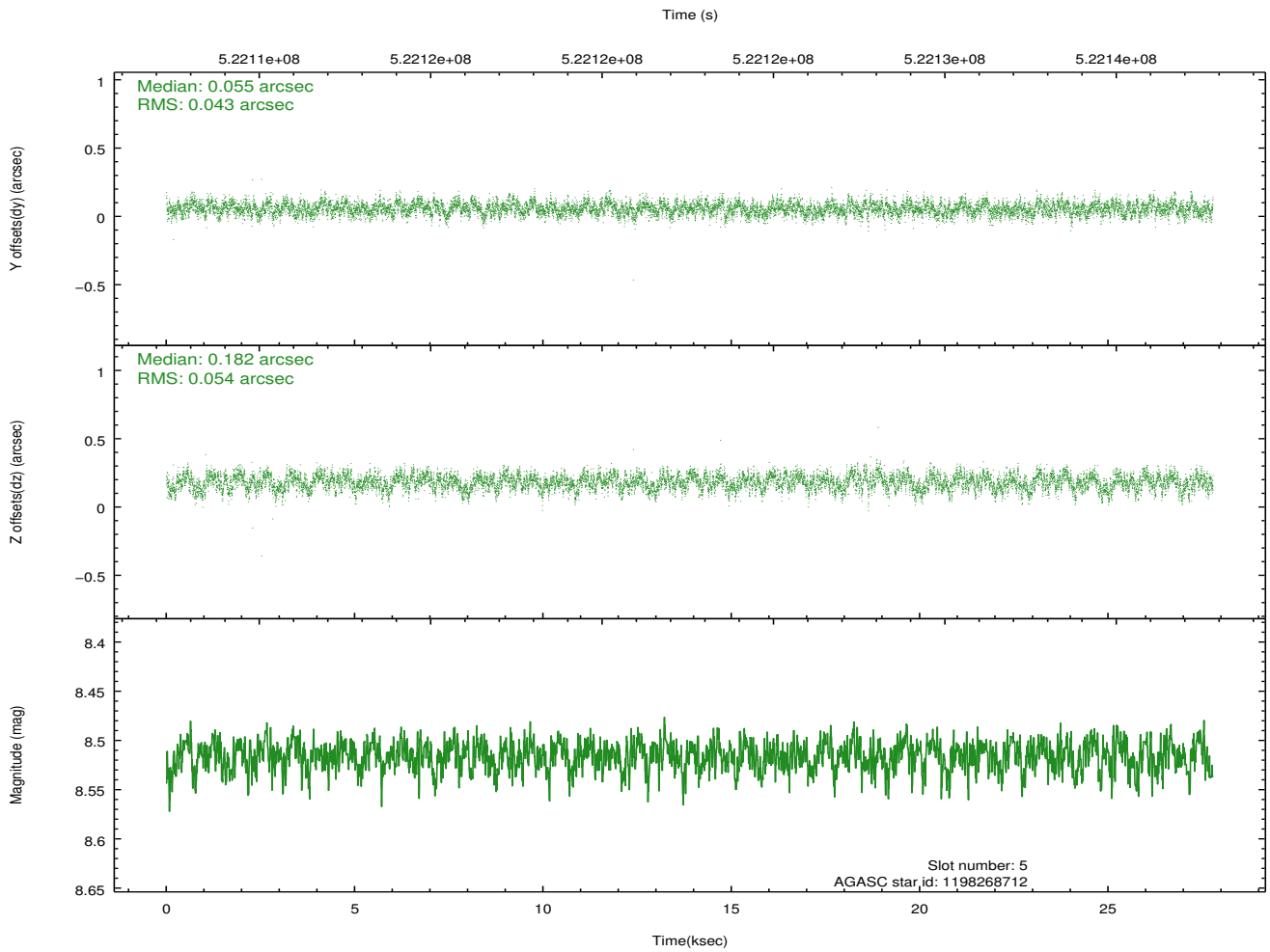
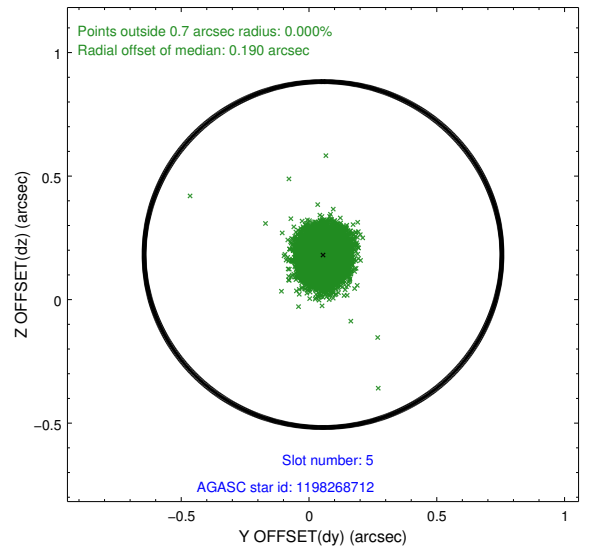
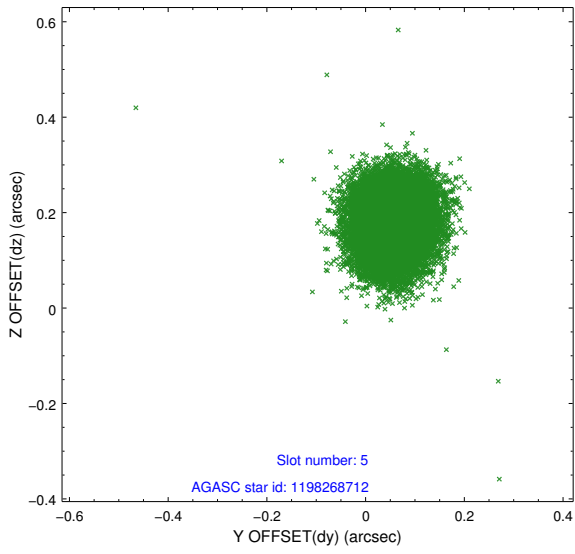
2.4.1 Slot 3



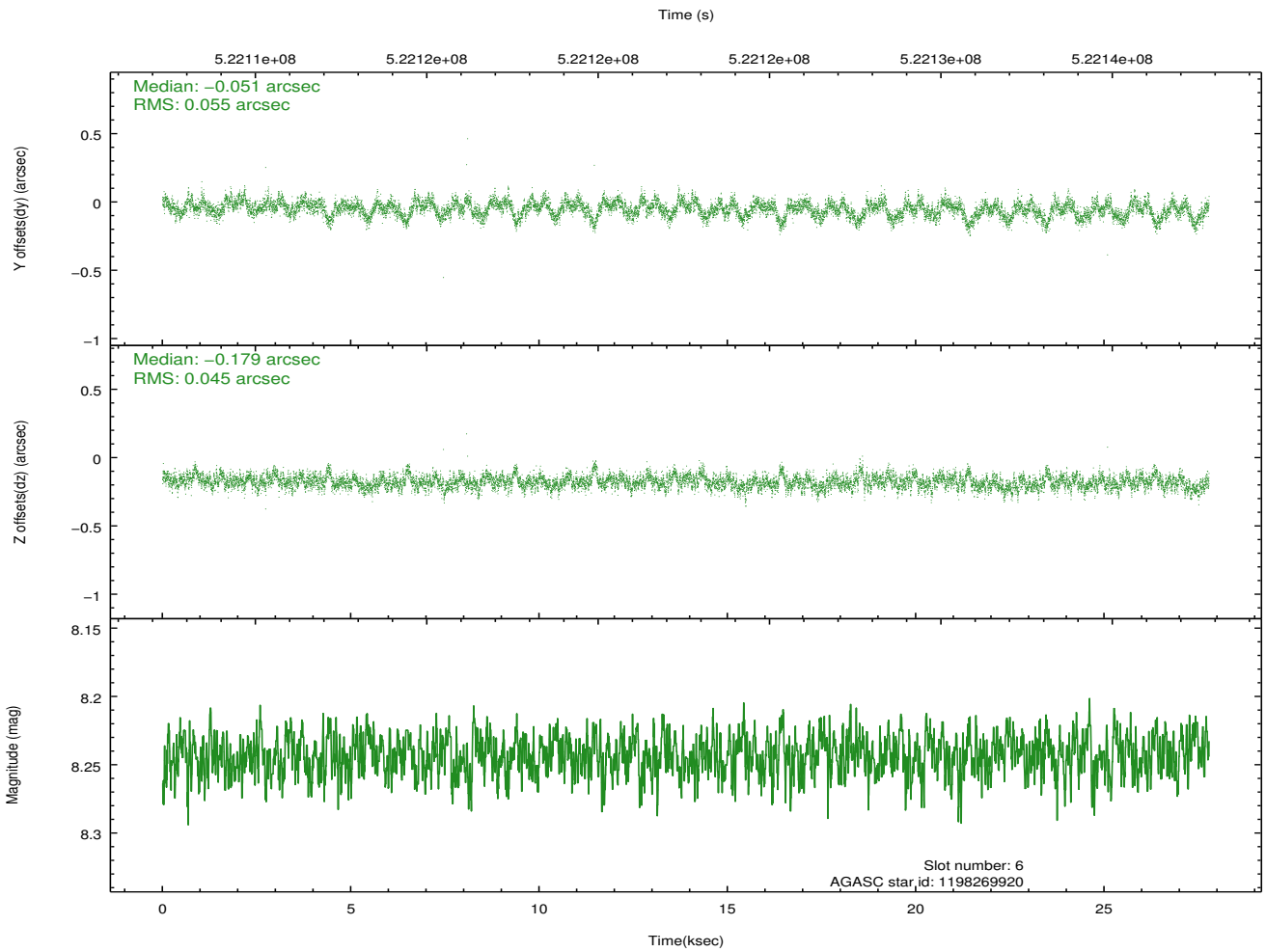
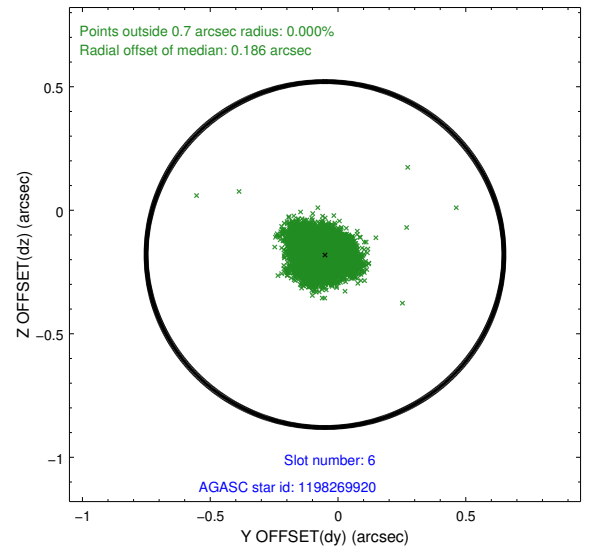
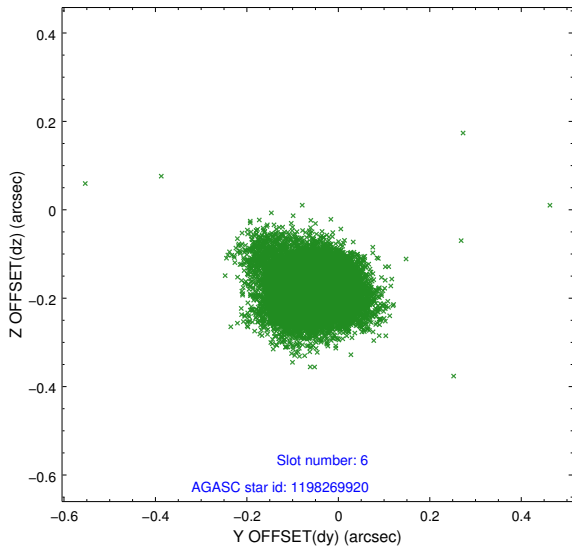
2.4.2 Slot 4



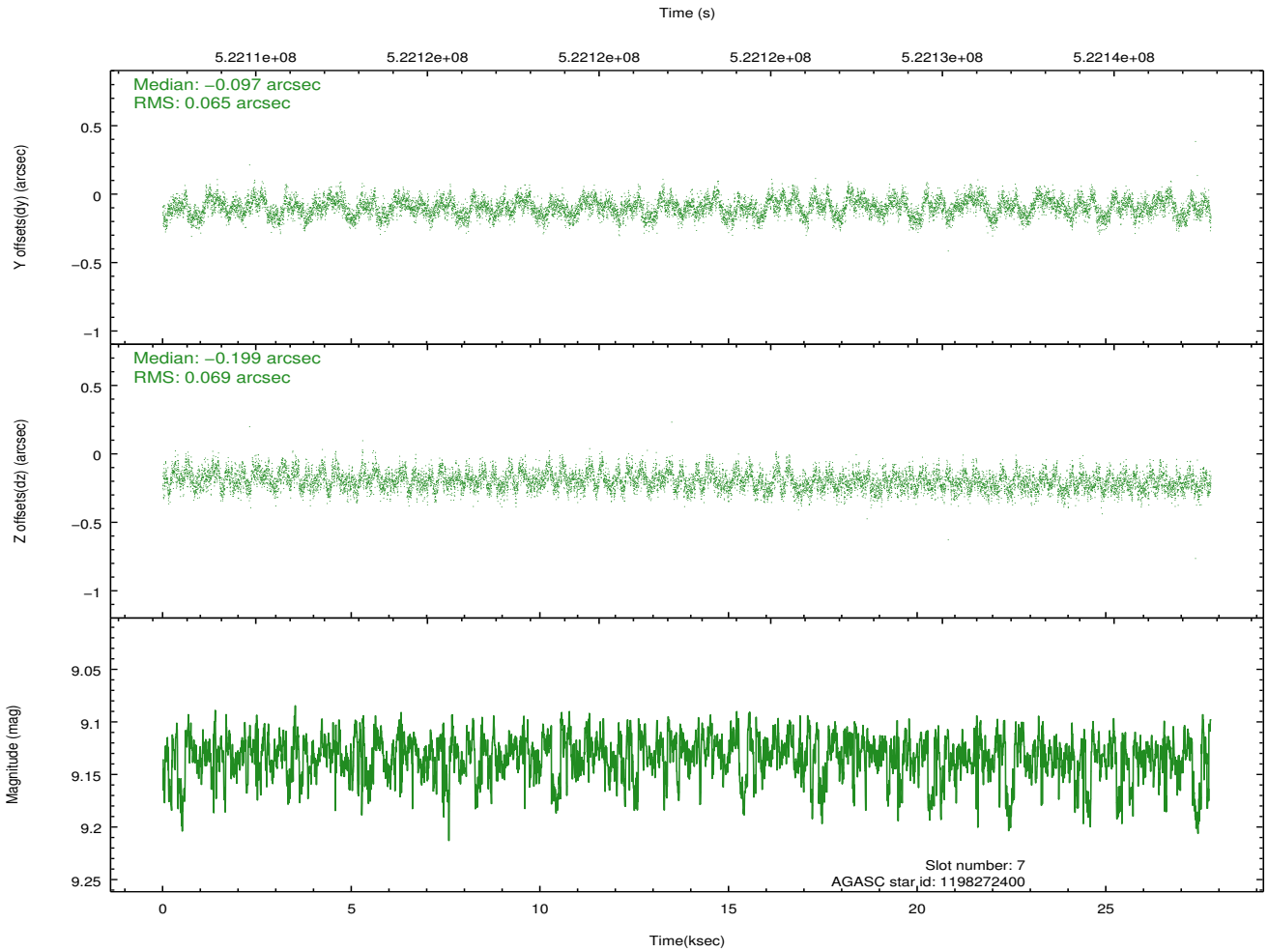
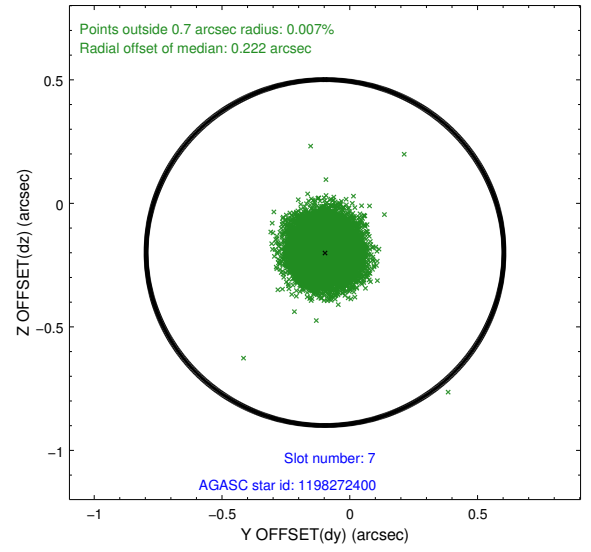
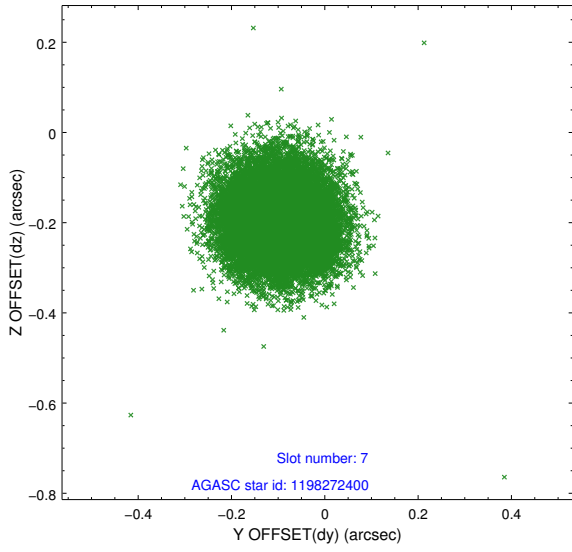
2.4.3 Slot 5



2.4.4 Slot 6

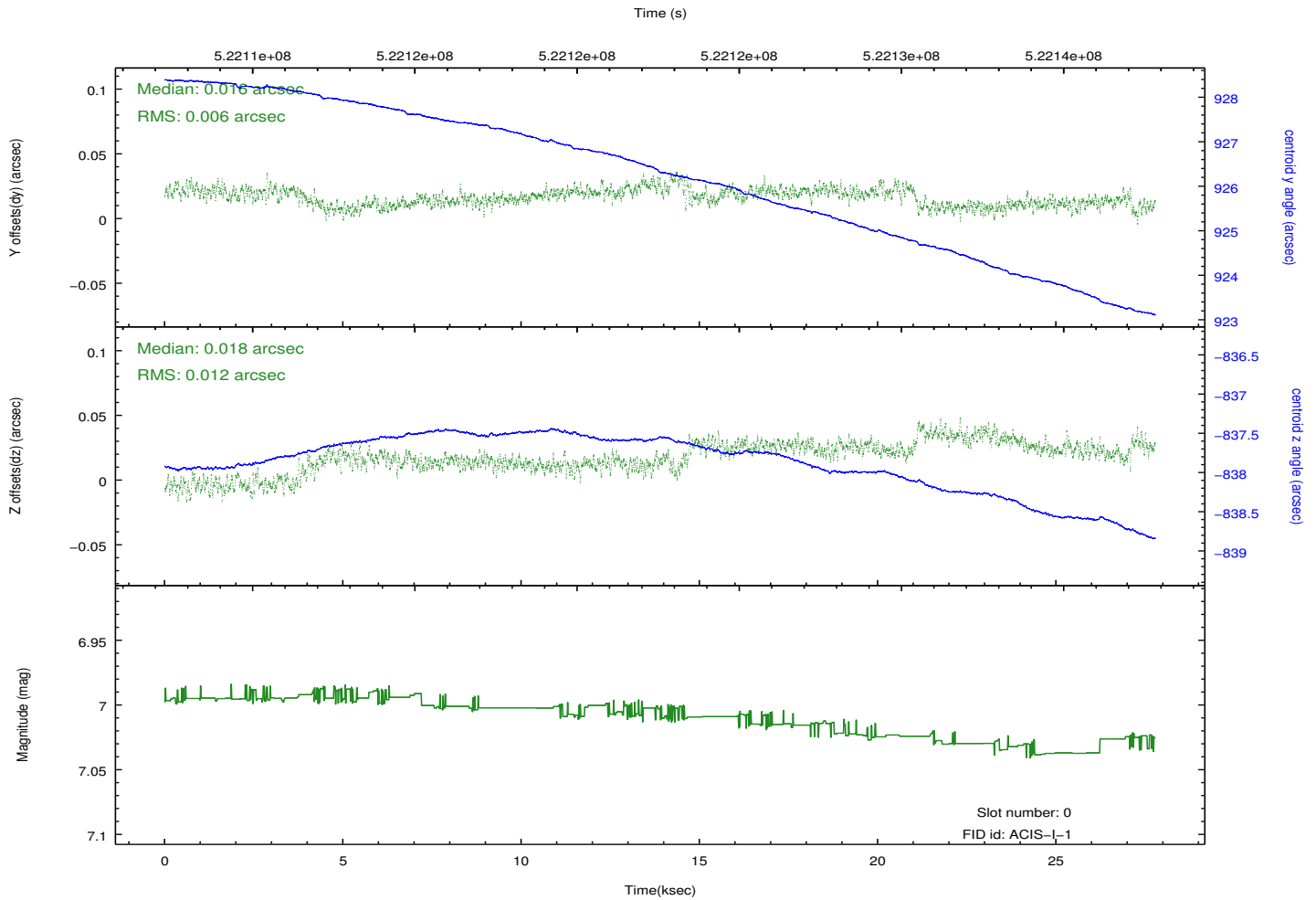
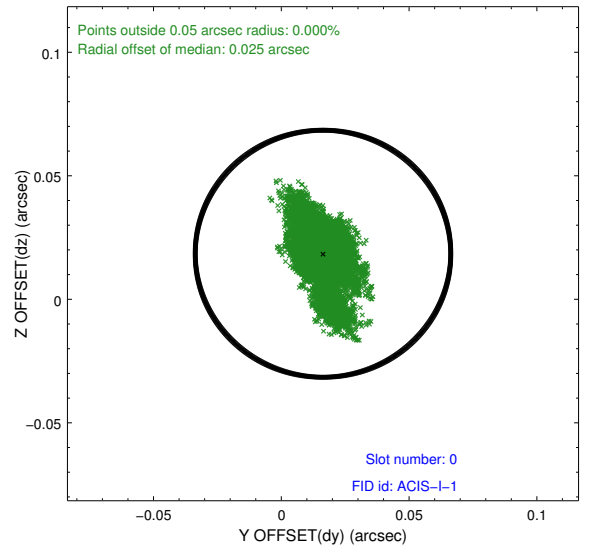
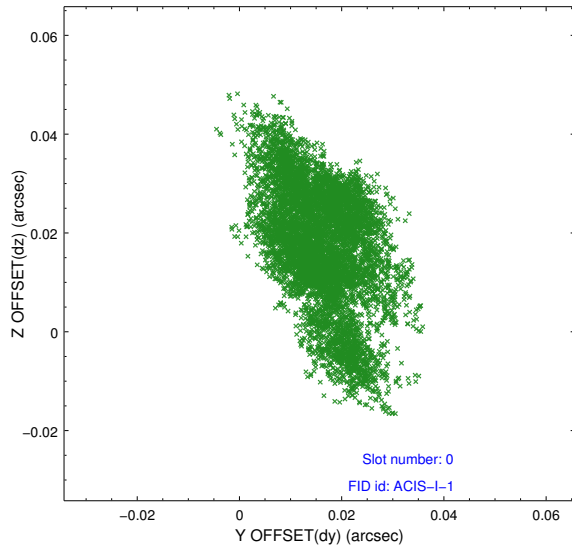


2.4.5 Slot 7

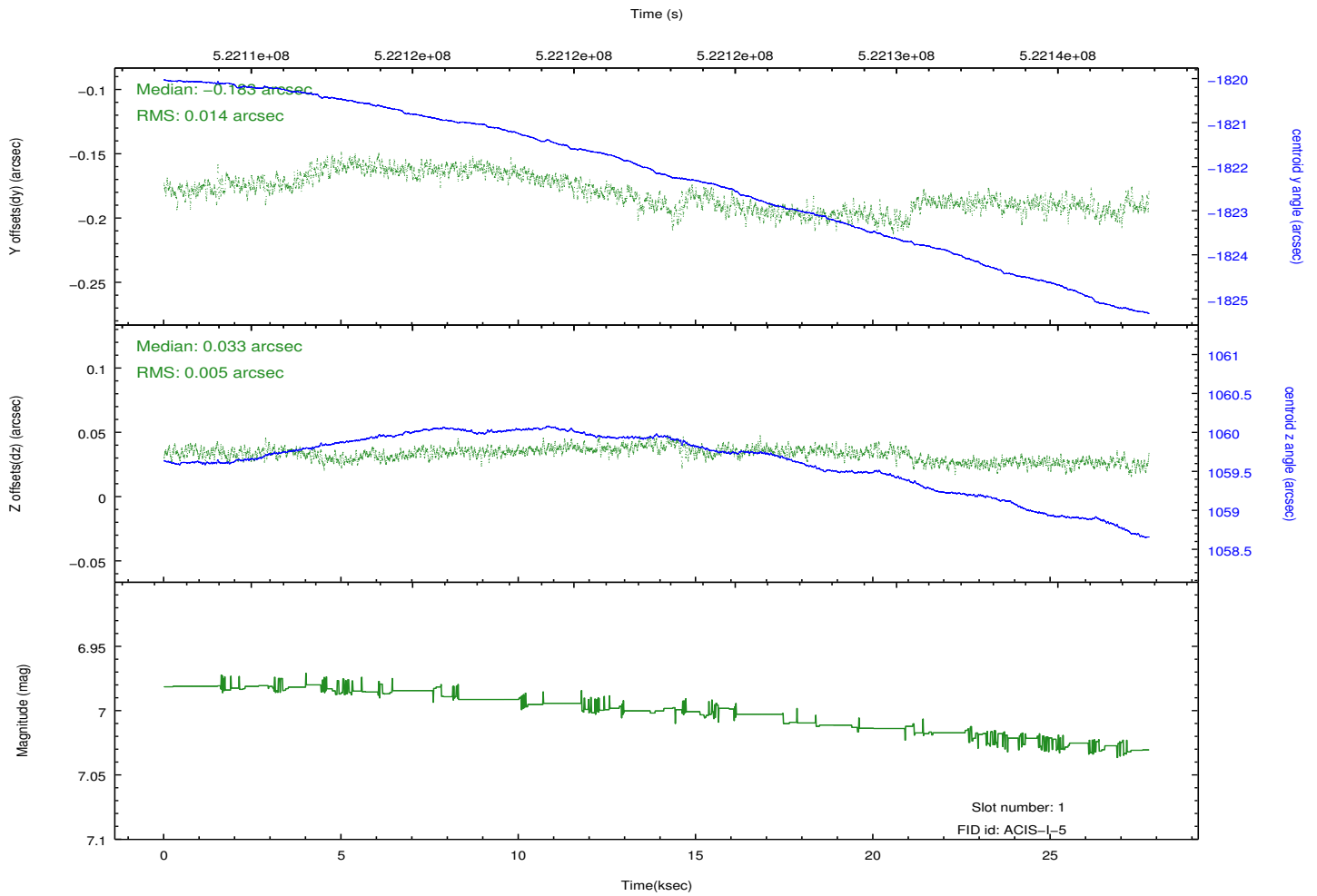
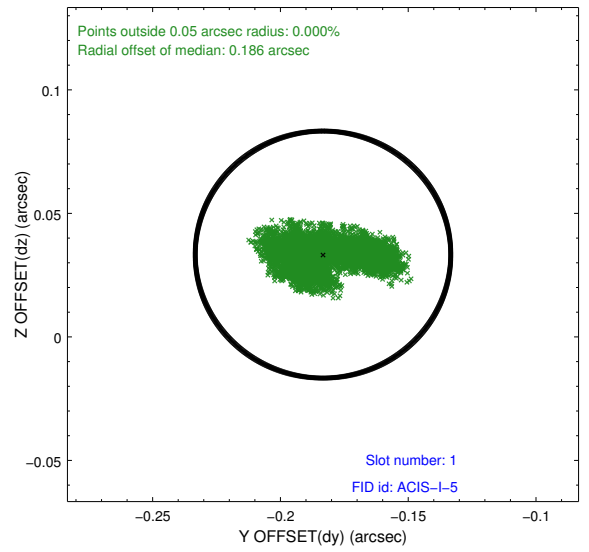
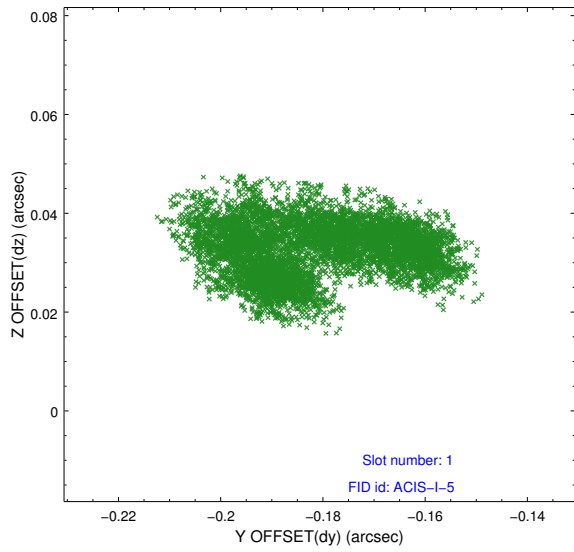


2.5 FID Slots

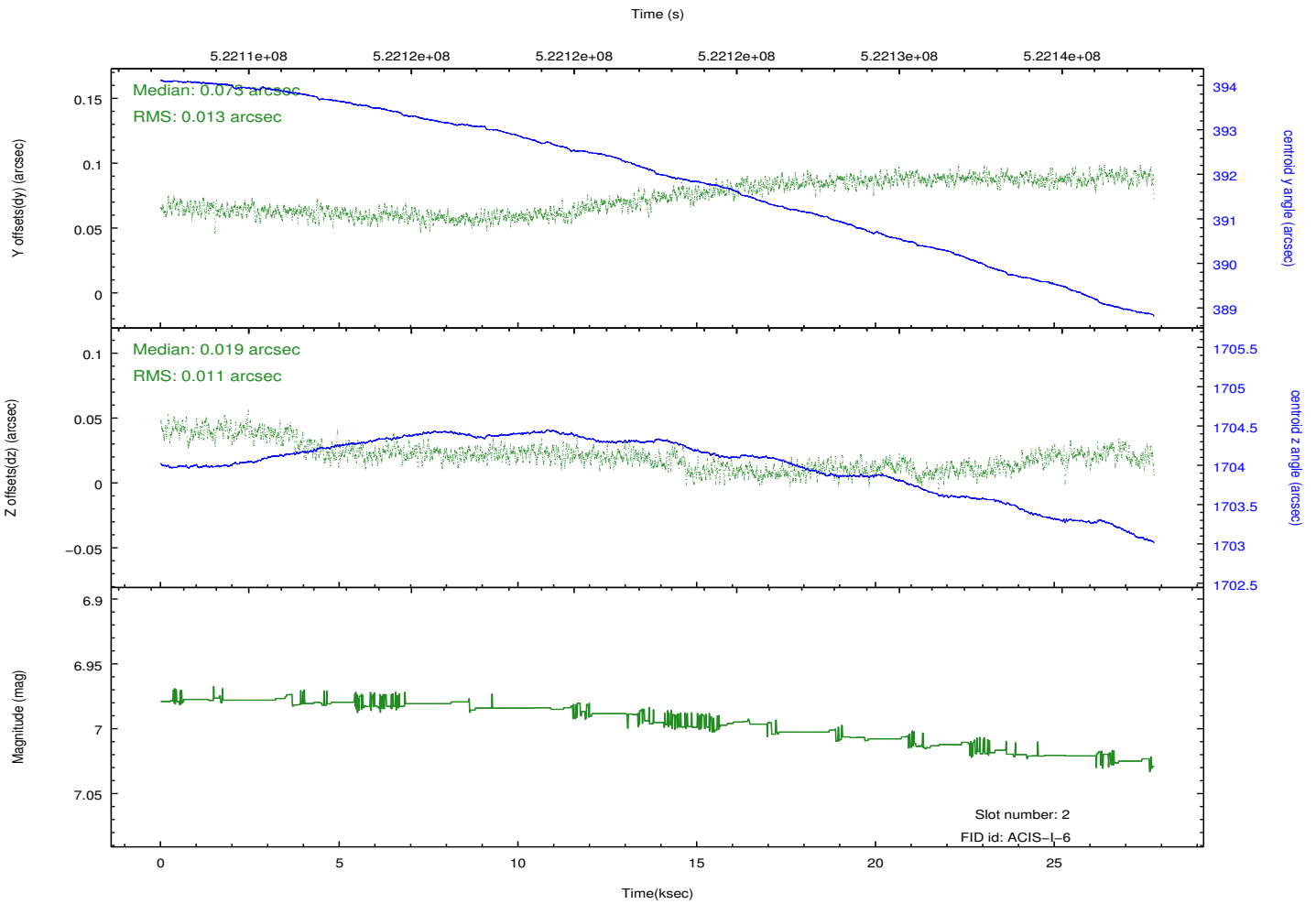
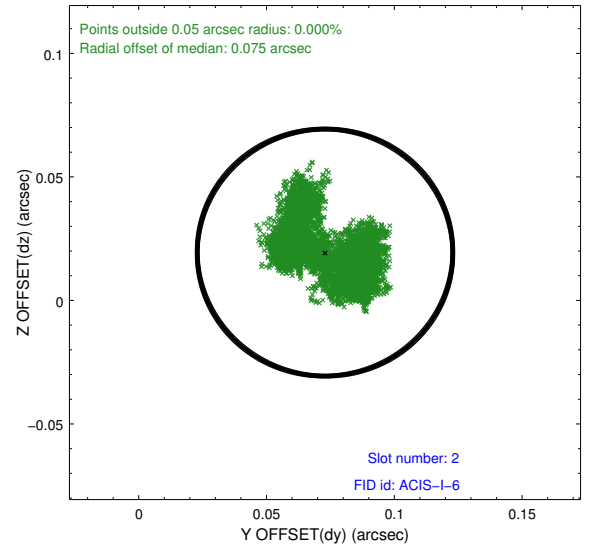
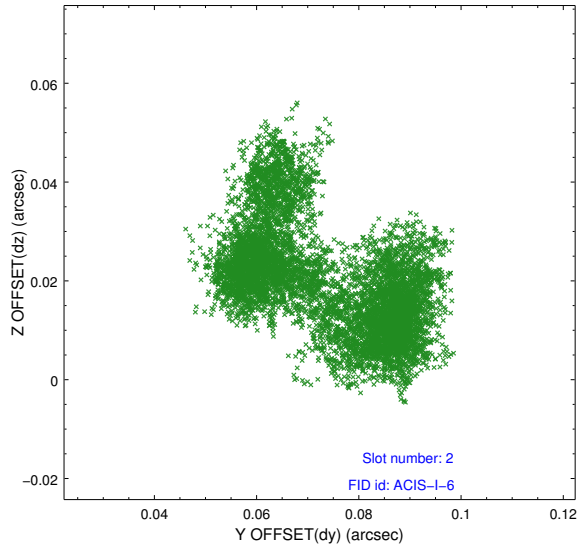
2.5.1 Slot 0



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)	2014.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.74

A.2 Comments

Joint Proposal: Swift. Monitor constraint met.