

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12558 - L2 Version 2
Chandra X-Ray Center

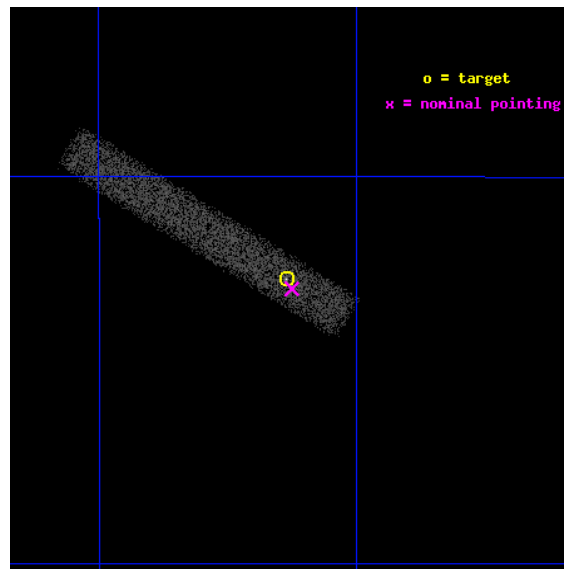
L2 Processing Date : Feb 12 2012

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1 Front

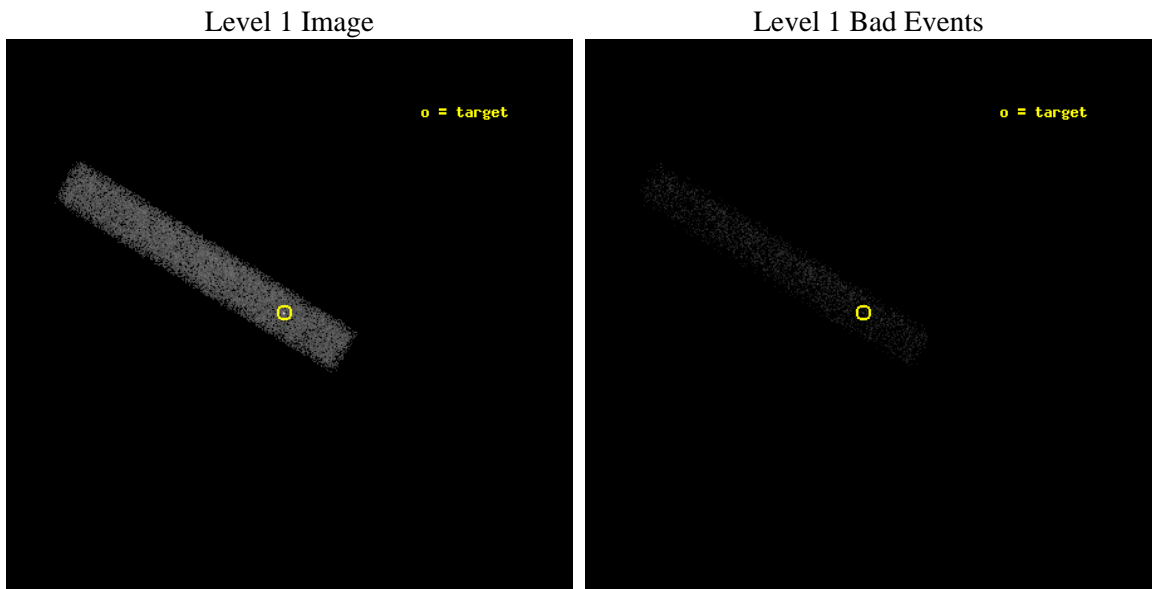
seq_num	501391	Sequence number
obs_id	12558	Observation id
title	Are long-period, strong-field radio pulsars progenitors of Isolated Neutron Stars?	Proposal title
observer	Prof David Kaplan	Principal investigator
object	PSR J0726-2612	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	111.53375	Observer's specified target RA [deg]
dec_targ	-26.210583	Observer's specified target Dec [deg]
ra_nom	111.53129590441	Nominal RA [deg]
dec_nom	-26.214910923897	Nominal Dec [deg]
roll_nom	211.4294744485	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19709.502753615	Sum of GTIs [s]
livetime	17875.478644672	Livetime [s]
ontime7	19709.502753615	Sum of GTIs [s]
l2events	11433	Number of level 2 events



2 OBI

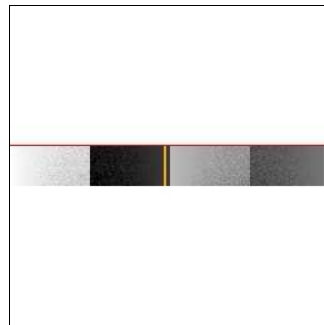
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	19700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	19709.502753615	Sum of GTIs [s]
caldbver	4.4.7	 	ontime7	19709.502753615	Sum of GTIs [s]
date	2012-02-12T11:30:31	Date and time of file creation	l1events	22300	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

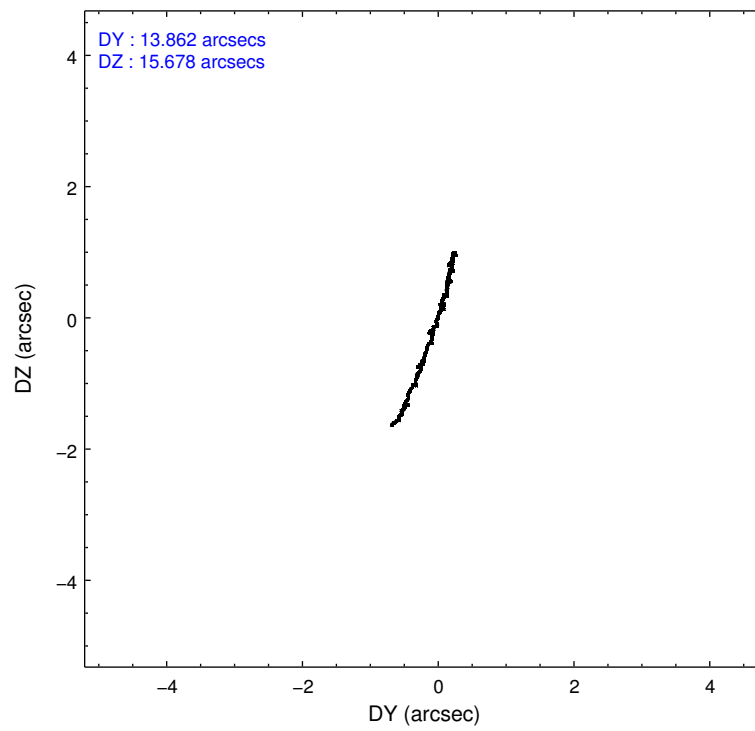
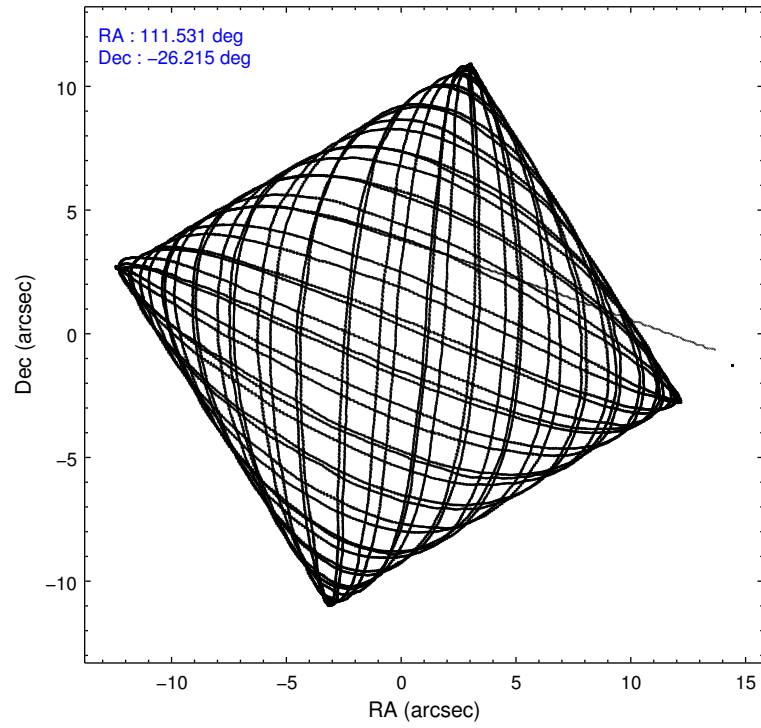
	ccd 7
level 1 events	22300
rejected events	10425
rejected %	46%

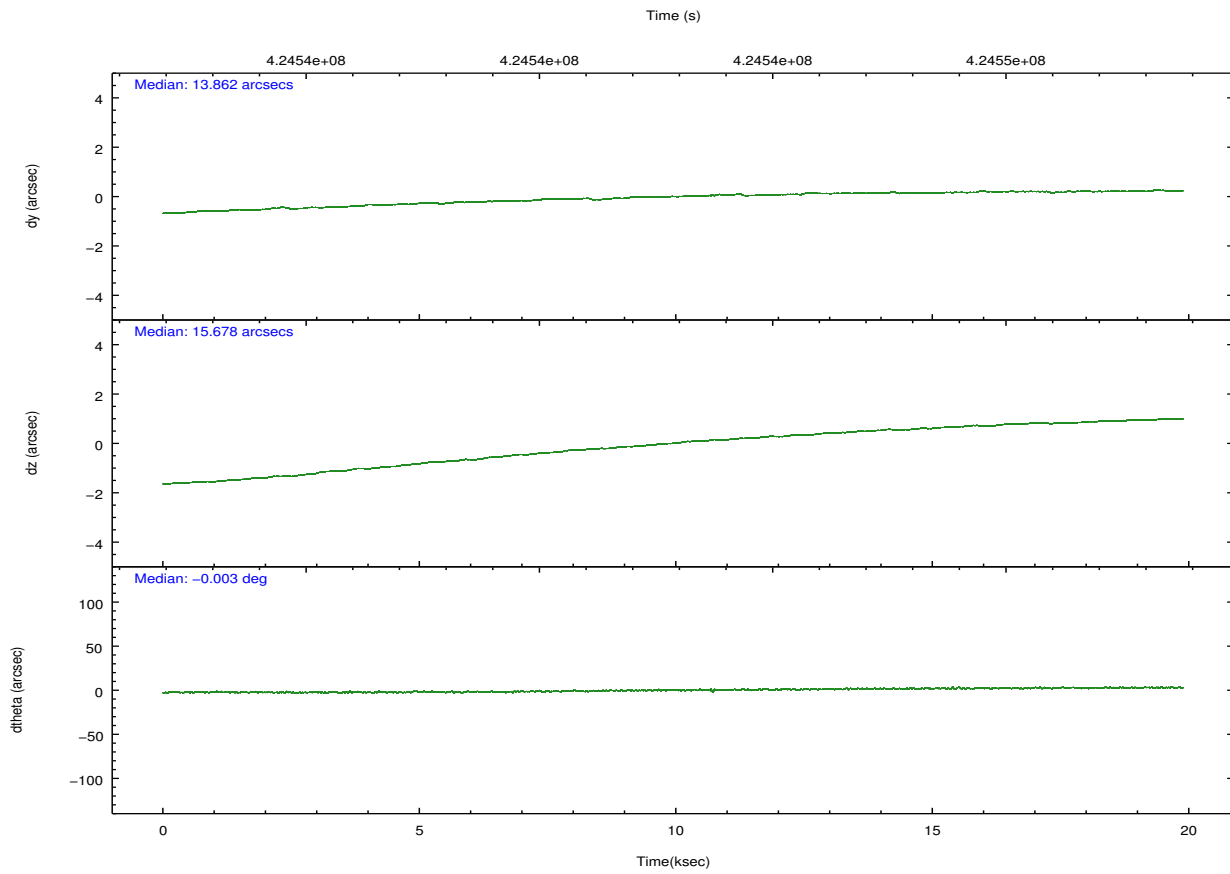
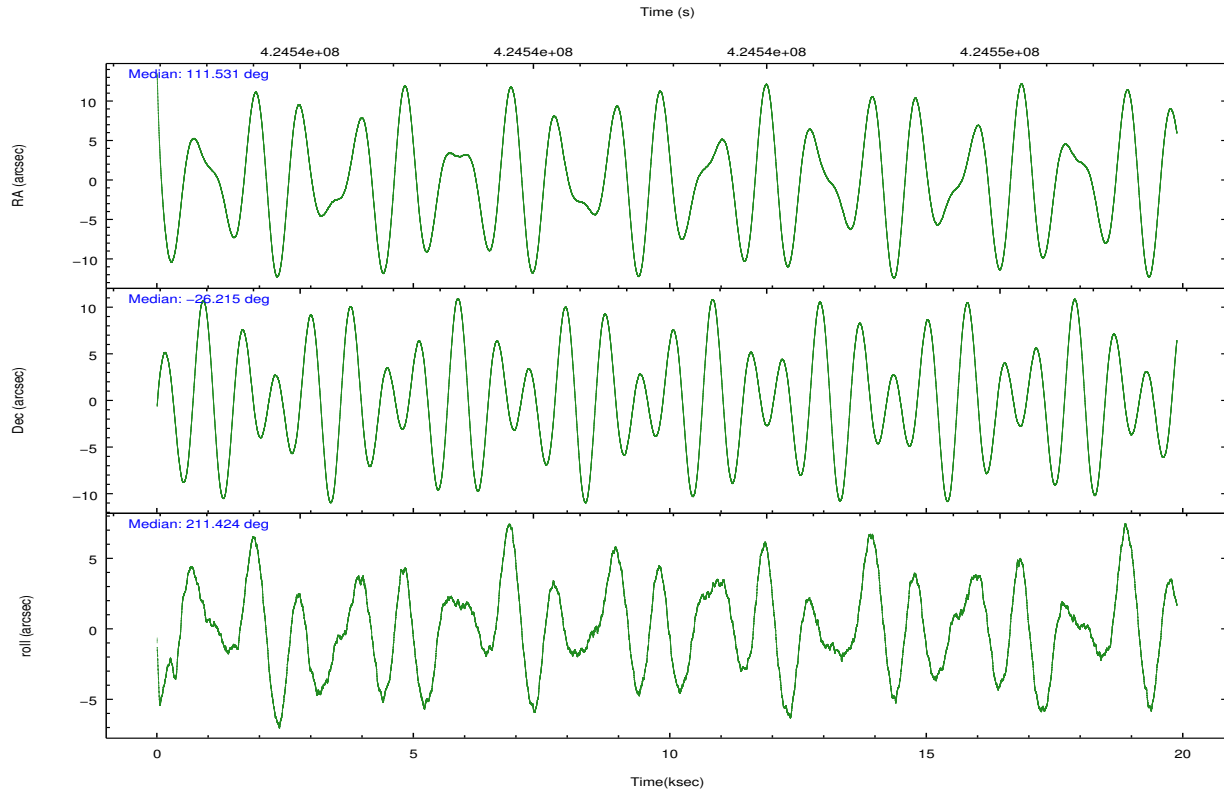
	ccd 7
grade 0 events	1722
	7%
grade 1 events	27
	0%
grade 2 events	2304
	10%
grade 3 events	1617
	7%
grade 4 events	1519
	6%
grade 5 events	2161
	9%
grade 6 events	4713
	21%
grade 7 events	8237
	36%

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	111.545507	111.5312959044111	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-26.190722	-26.21491092389722	Subarray start row	449	449
[deg] Pointing Roll	211.279125	211.4294744484996	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)	424533115.184000	424532071.03905			
Observation start date	2011-06-15T13:50:49	2011-06-15T13:34:31			
[s] Observation end time (MET)	424552815.184000	424553806.67768			
Observation end date	2011-06-15T19:19:09	2011-06-15T19:36:46			
Read mode	TIMED	TIMED			

2.3 Aspect



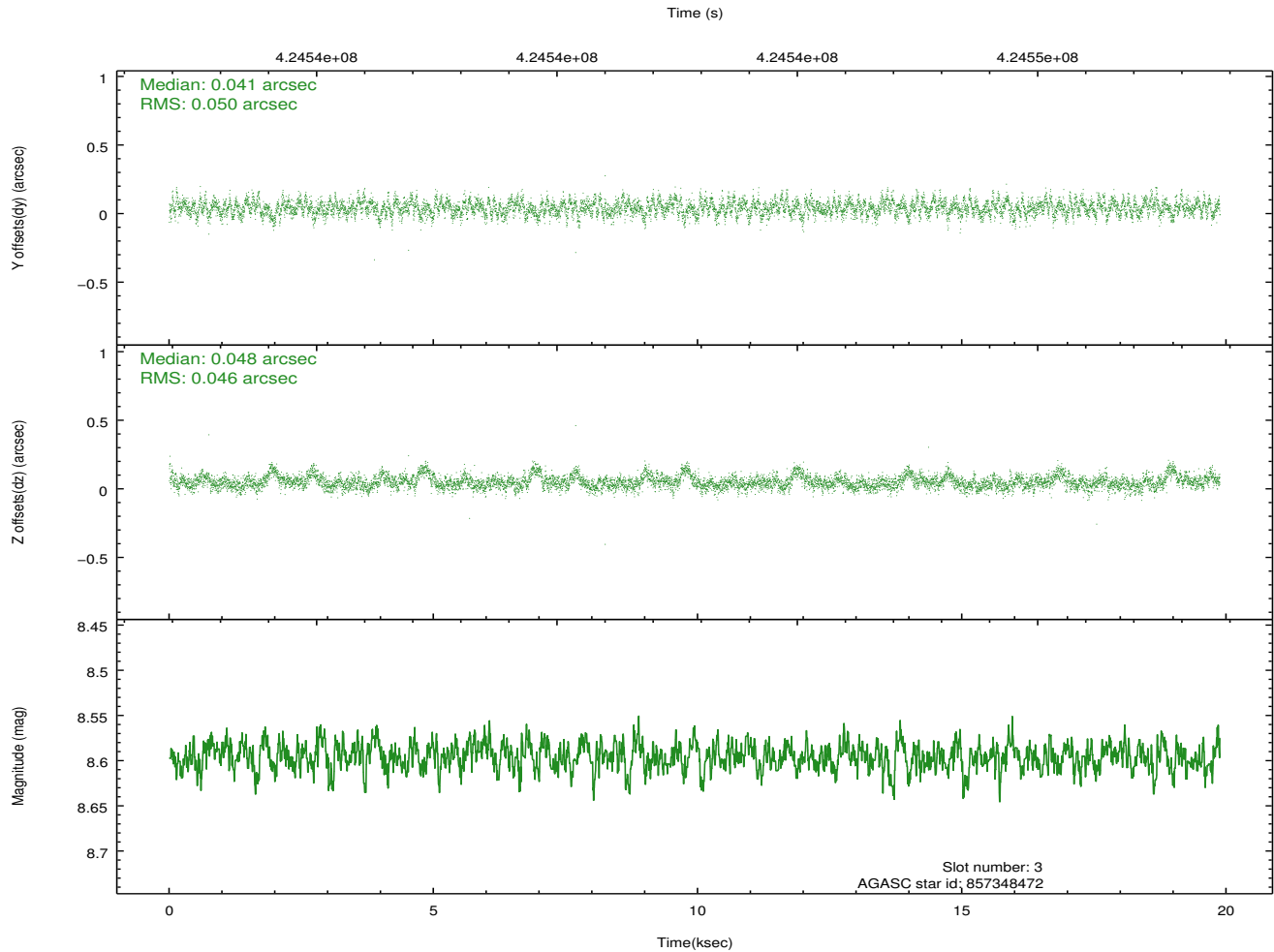
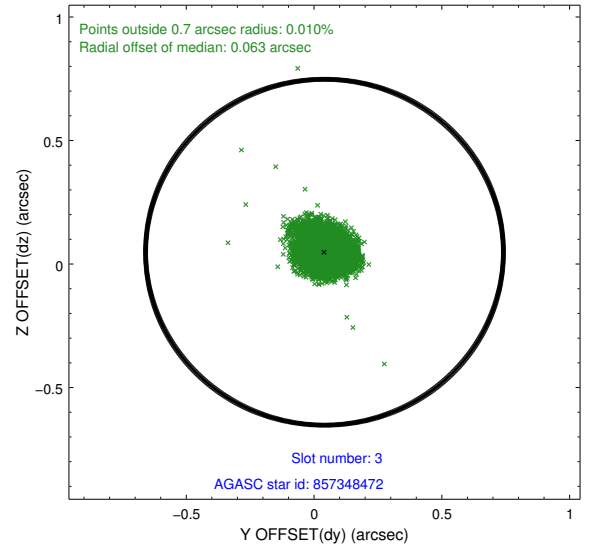
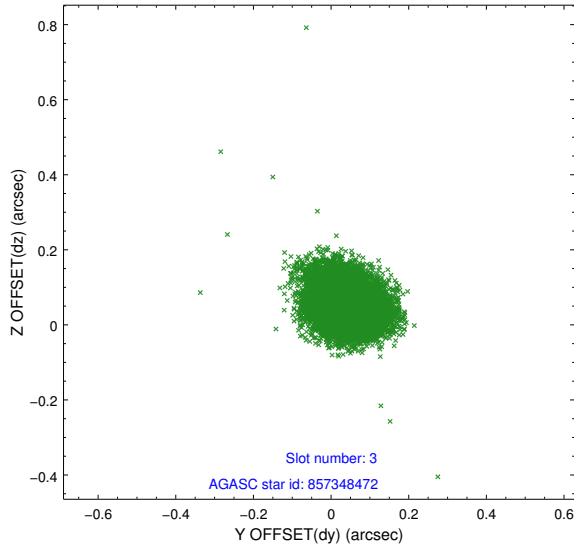


Slot Statistics

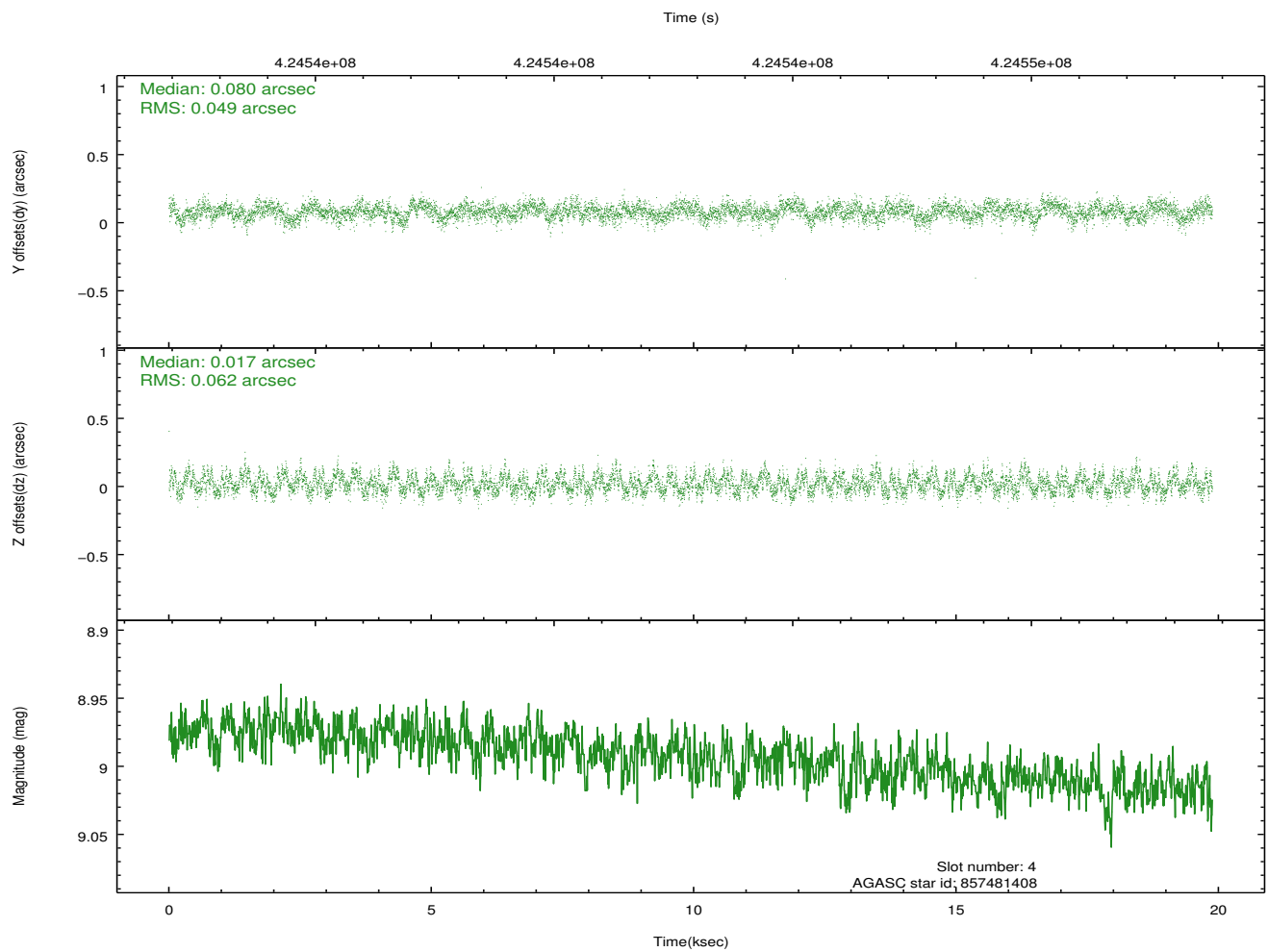
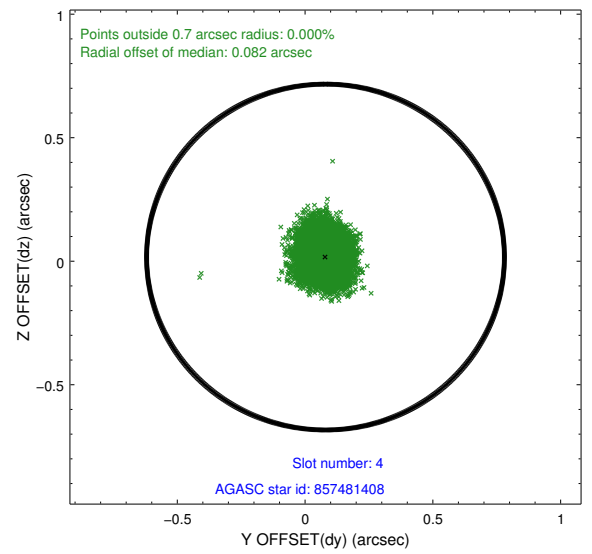
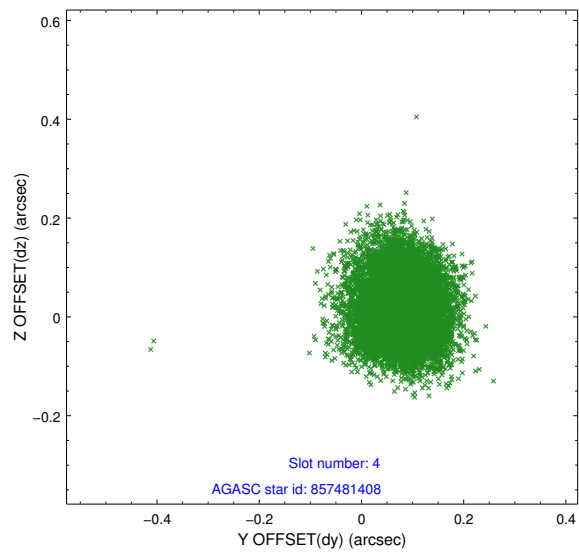
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	4849	0.046	-0.043	0.037	0.072	0.000000	0.000000	929.29	-1732.64
1	FID	ACIS-S-2	6.91	4849	-0.159	-0.048	0.019	0.032	0.000000	0.000000	-766.71	-1737.34
2	FID	ACIS-S-4	6.98	4849	0.083	0.096	0.022	0.050	0.000000	0.000000	2146.56	171.40
3	GUIDE	857348472	8.60	9693	0.041	0.048	0.071	0.118	110.878883	-26.080987	1640.29	-1451.88
4	GUIDE	857481408	8.99	9687	0.080	0.017	0.085	0.134	111.617693	-25.926792	-692.56	-690.62
5	GUIDE	857487296	9.23	9674	-0.178	-0.089	0.097	0.155	111.798516	-25.928385	-1190.08	-381.20
6	GUIDE	858001360	7.74	9696	0.069	-0.069	0.073	0.115	111.389595	-26.625517	1241.70	1077.73
7	GUIDE	858024096	8.81	9695	-0.011	0.088	0.086	0.143	112.052806	-26.438584	-932.53	1614.72

2.4 Star Slots

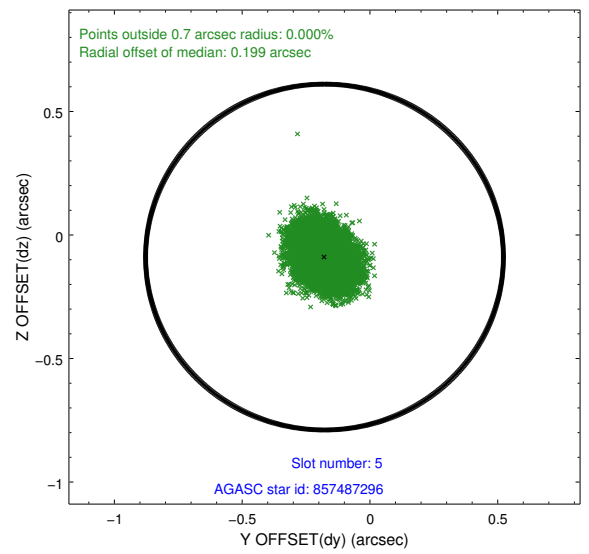
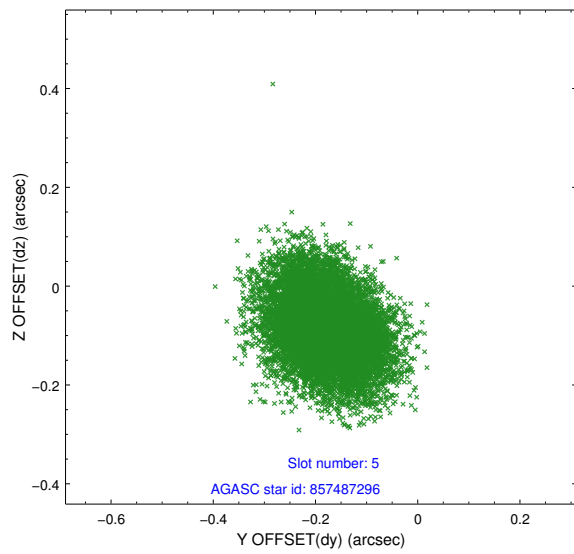
2.4.1 Slot 3



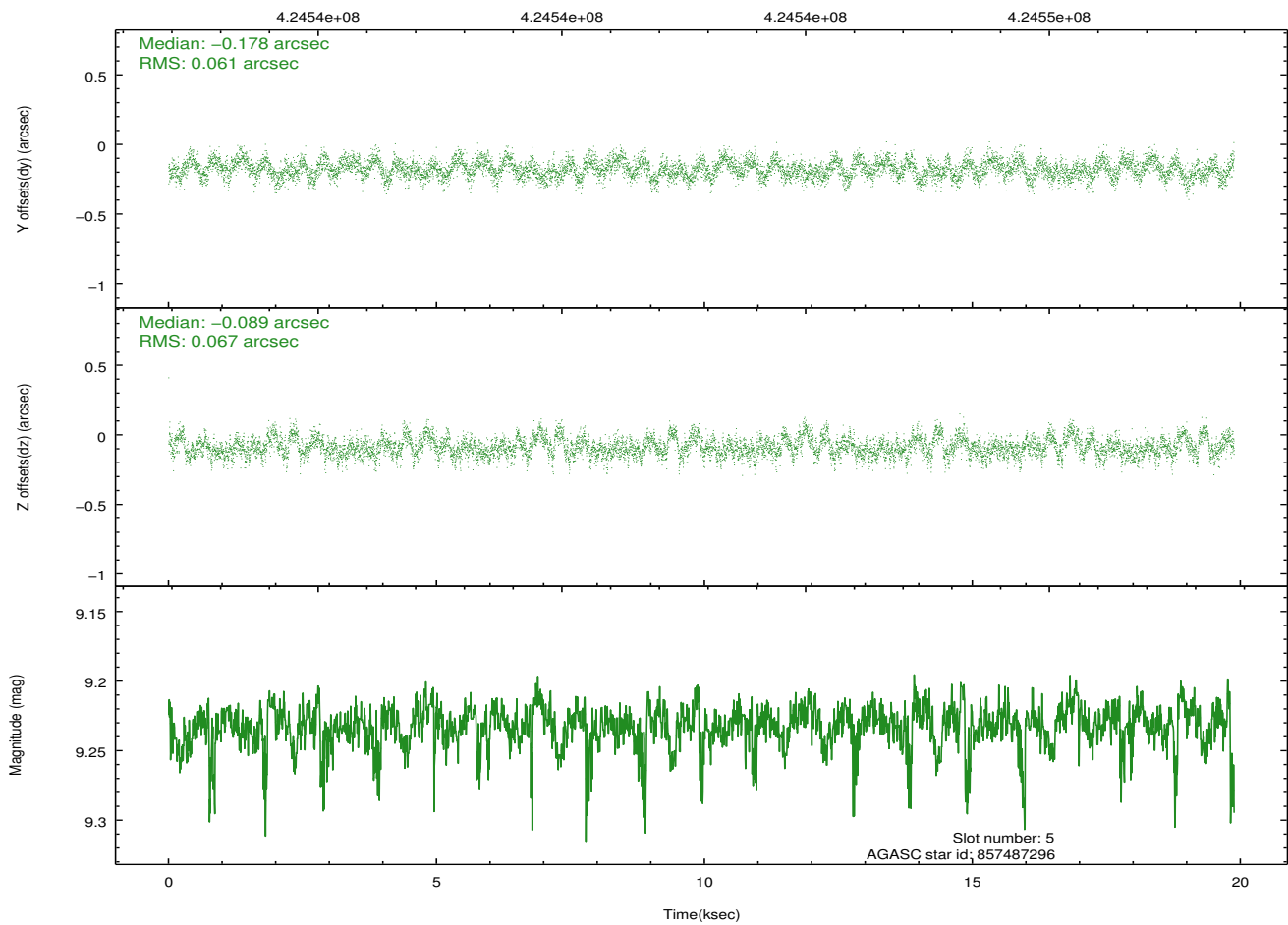
2.4.2 Slot 4



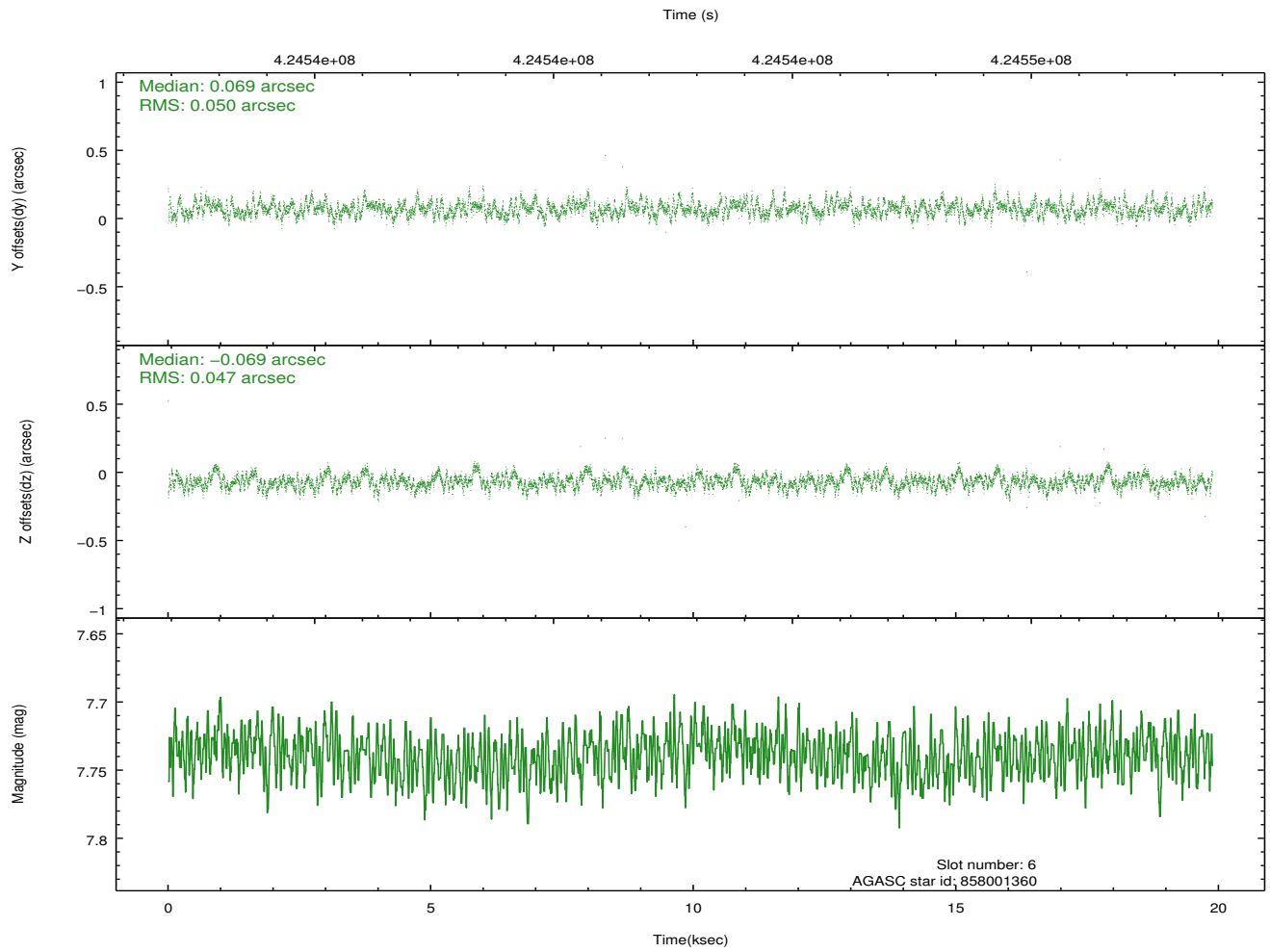
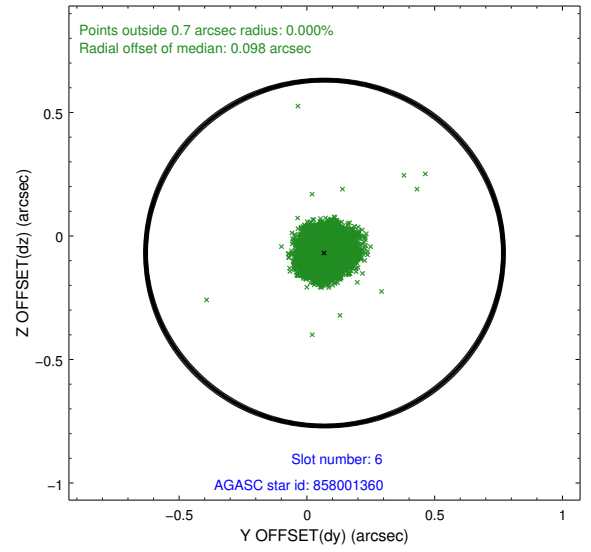
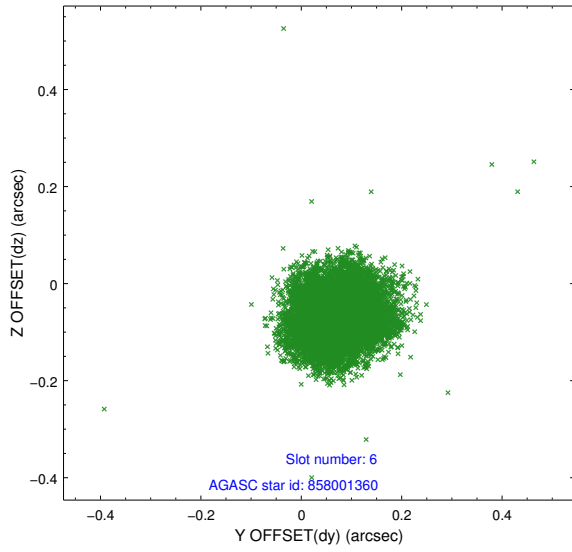
2.4.3 Slot 5



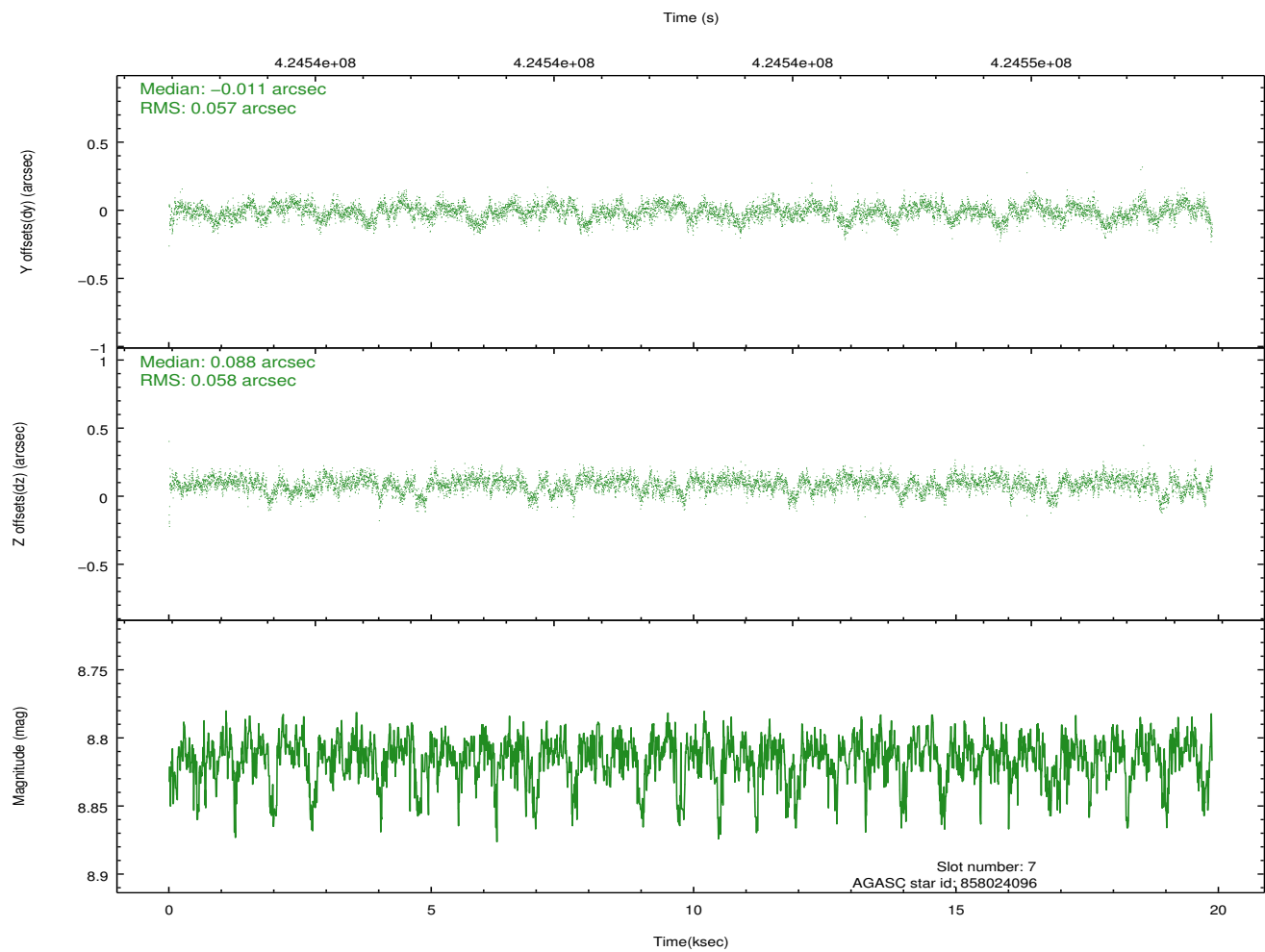
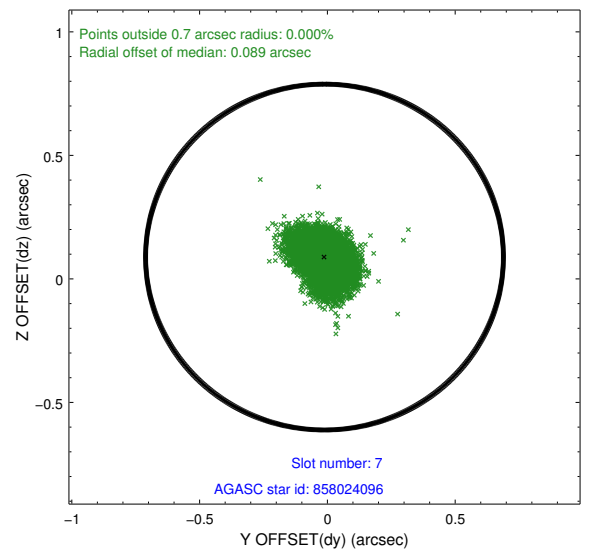
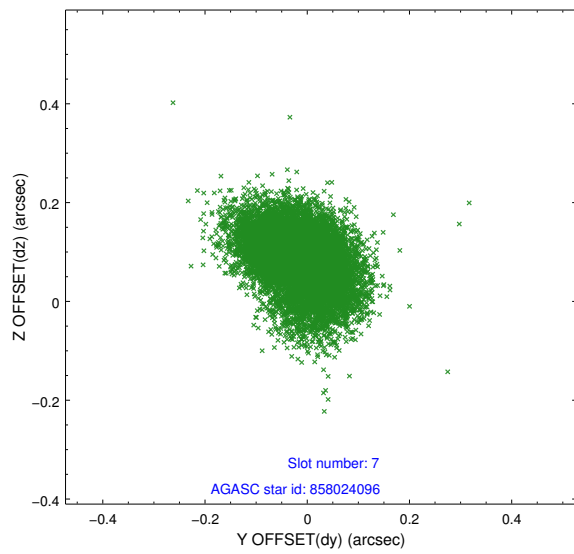
Time (s)



2.4.4 Slot 6

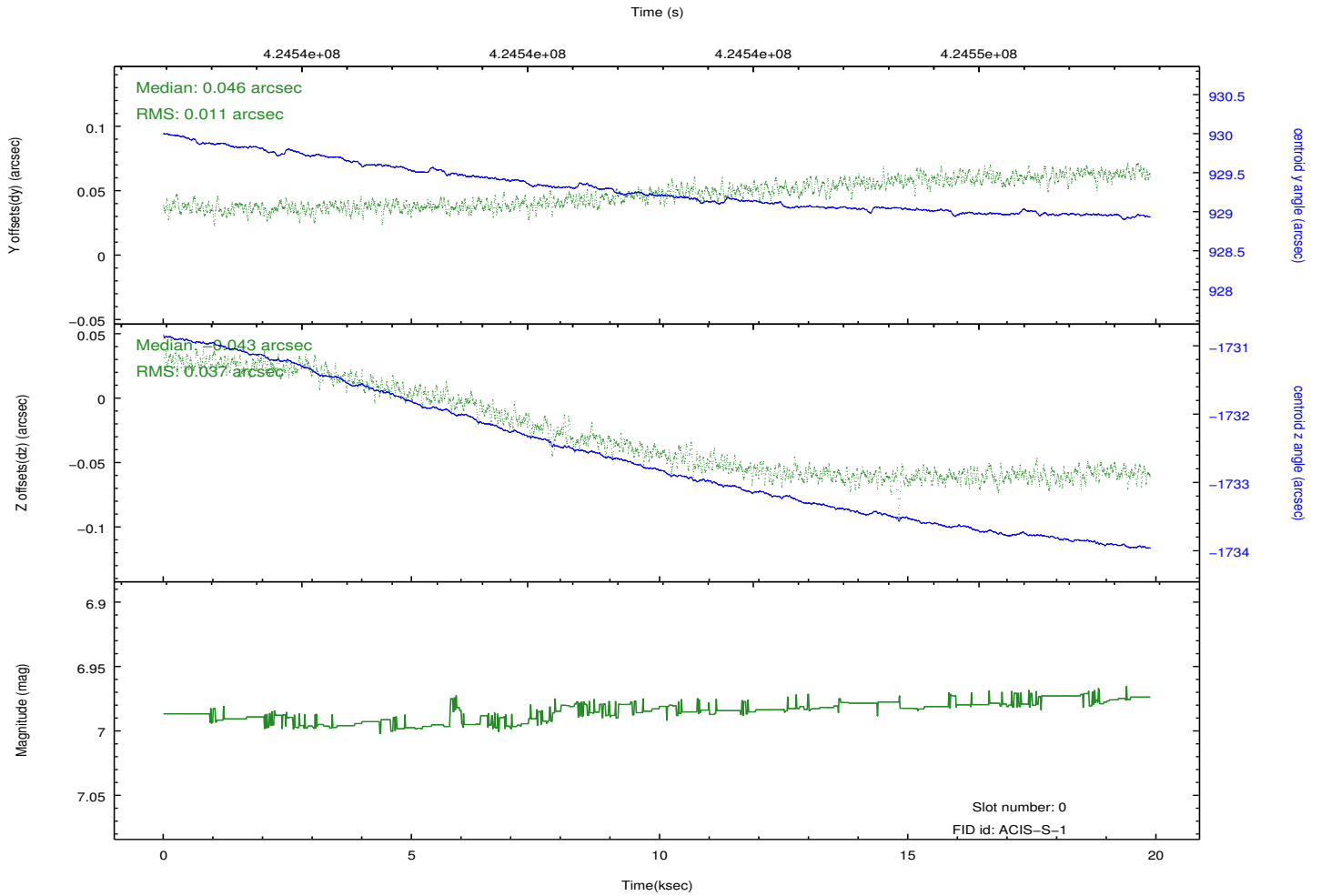
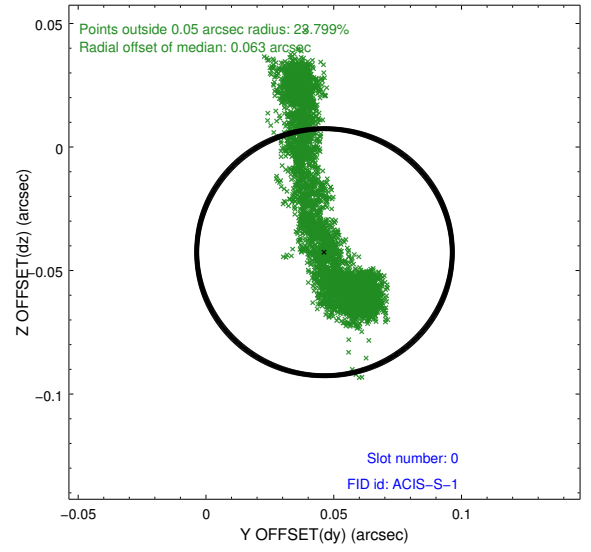
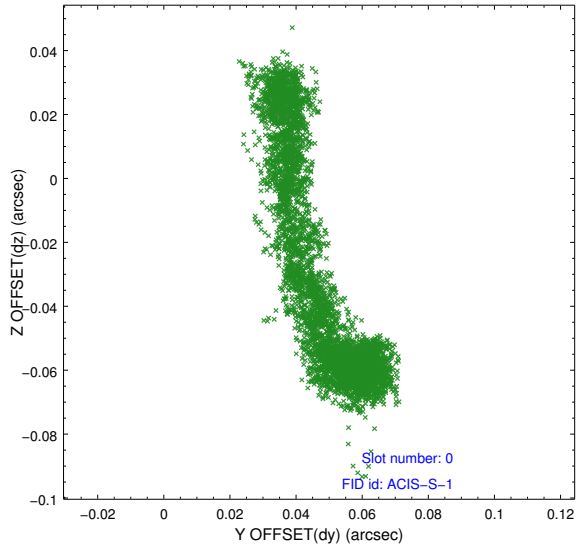


2.4.5 Slot 7

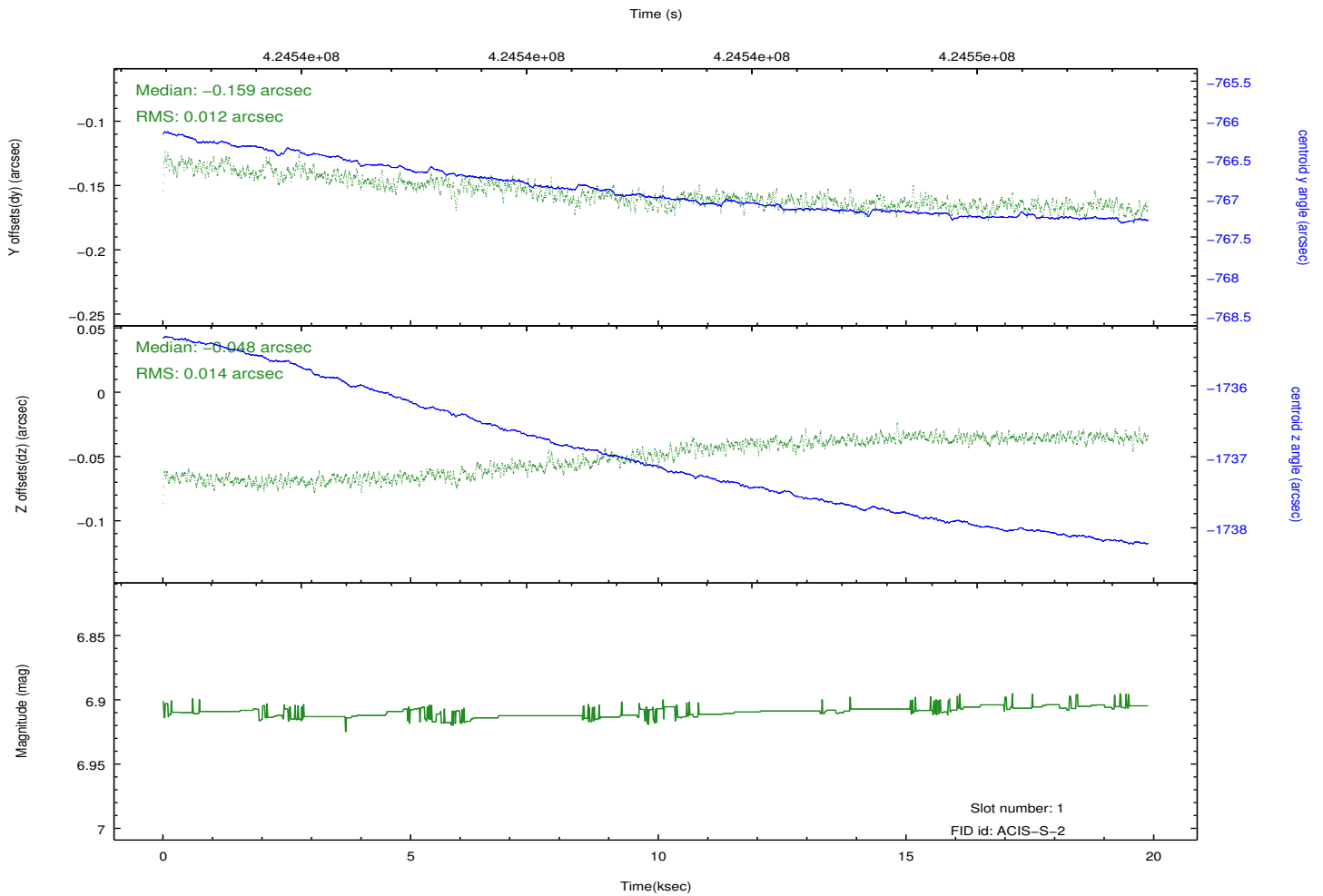
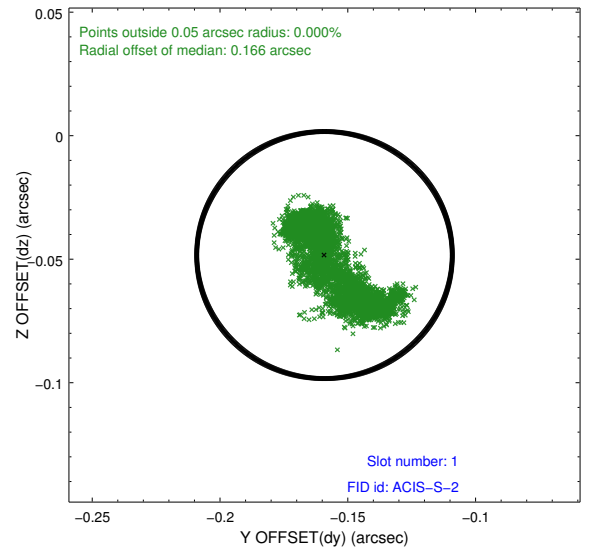
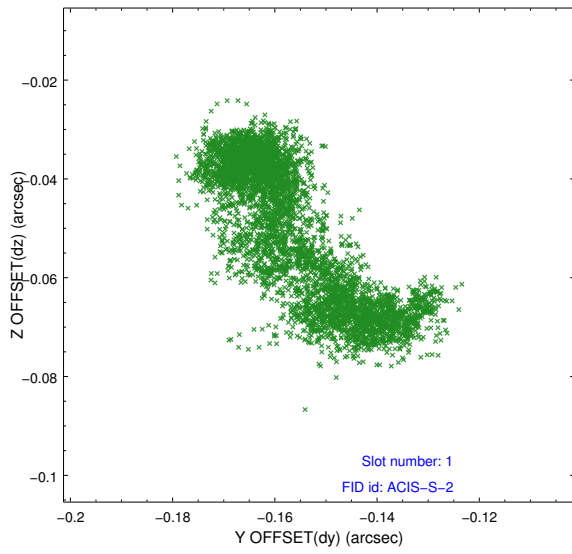


2.5 FID Slots

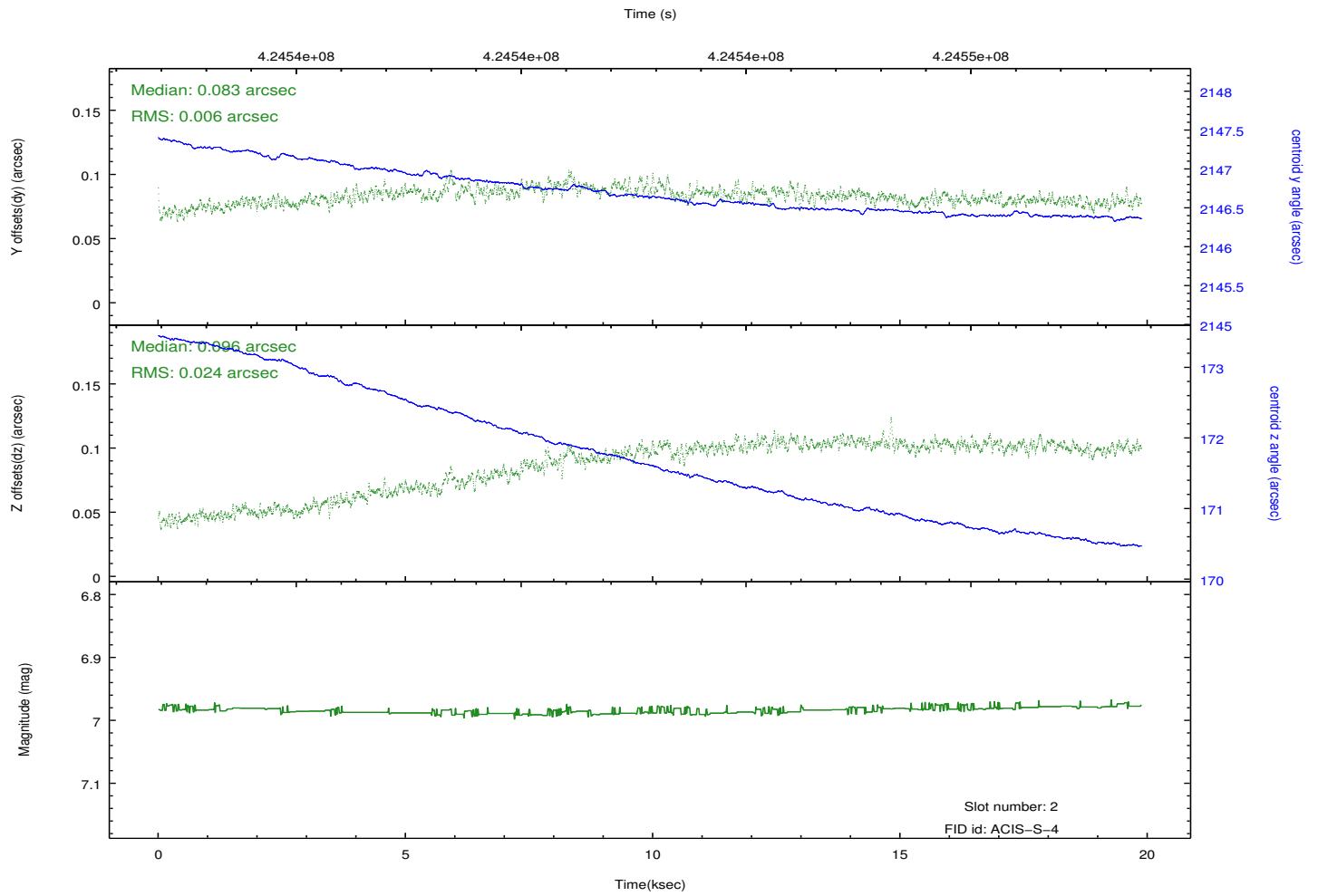
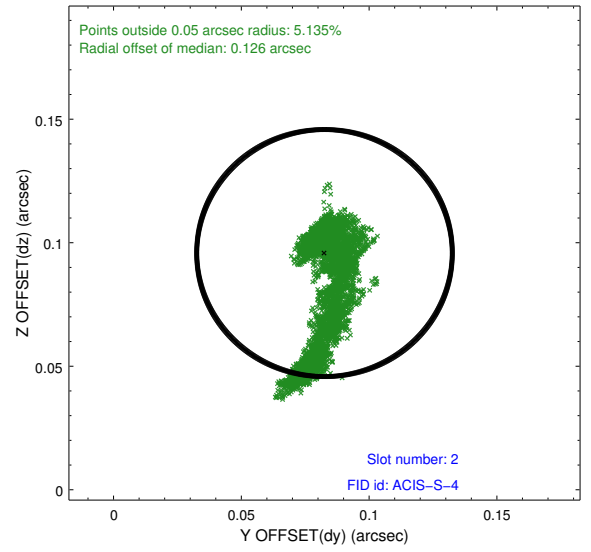
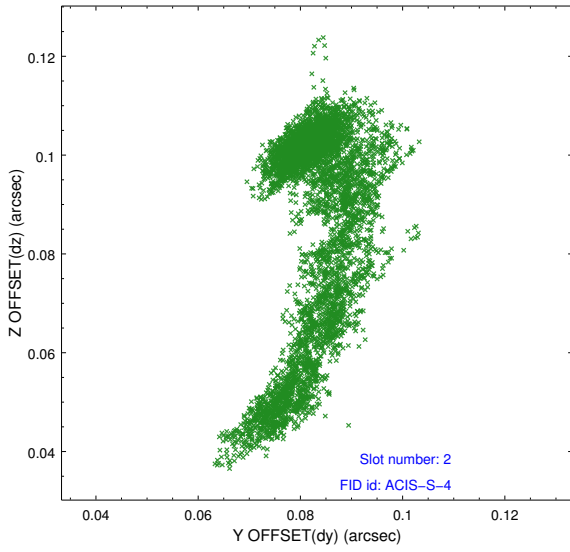
2.5.1 Slot 0



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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.709502750814

A.2 Comments