

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 16062 - L2 Version 1
Chandra X-Ray Center

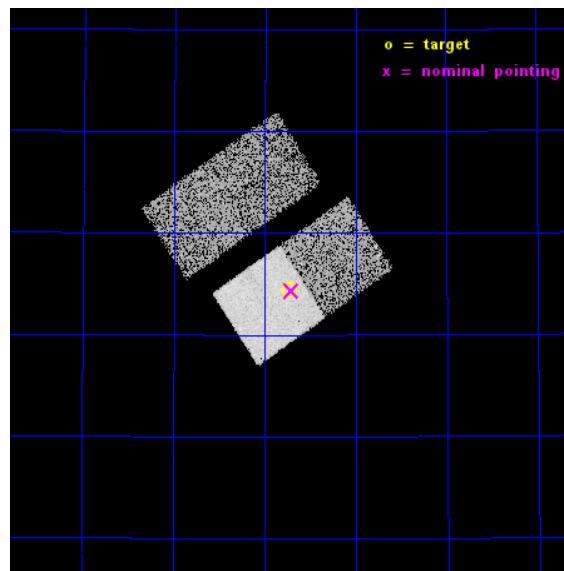
L2 Processing Date : Mar 4 2015

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1 Front

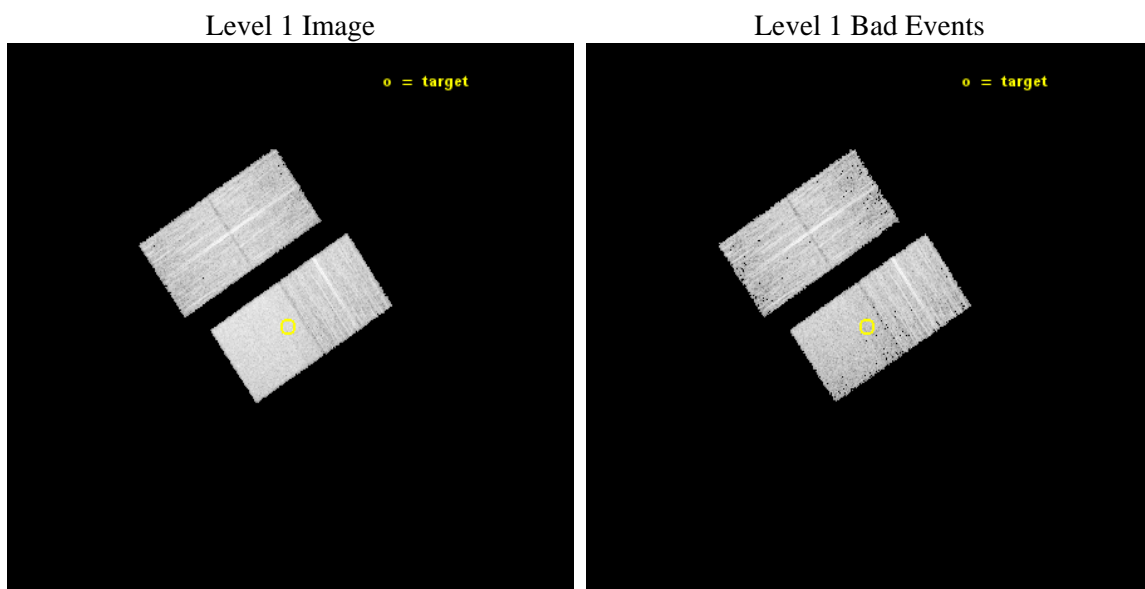
seq_num	702956	Sequence number
obs_id	16062	Observation id
title	Continuing the Chandra 3CR Snapshot Survey: 23 Radio Sources with 0.5	Proposal title
observer	Dr. Francesco Massaro	Principal investigator
object	3C277	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.931667	Observer's specified target RA [deg]
dec_targ	50.573583	Observer's specified target Dec [deg]
ra_nom	192.9271123107	Nominal RA [deg]
dec_nom	50.5724111253	Nominal Dec [deg]
roll_nom	146.16017722011	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12079.325773716	Sum of GTIs [s]
livetime	11921.500489812	Livetime [s]
ontime2	12079.202653766	Sum of GTIs [s]
ontime3	12079.243693709	Sum of GTIs [s]
ontime6	12079.284733772	Sum of GTIs [s]
ontime7	12079.325773716	Sum of GTIs [s]
l2events	50486	Number of level 2 events



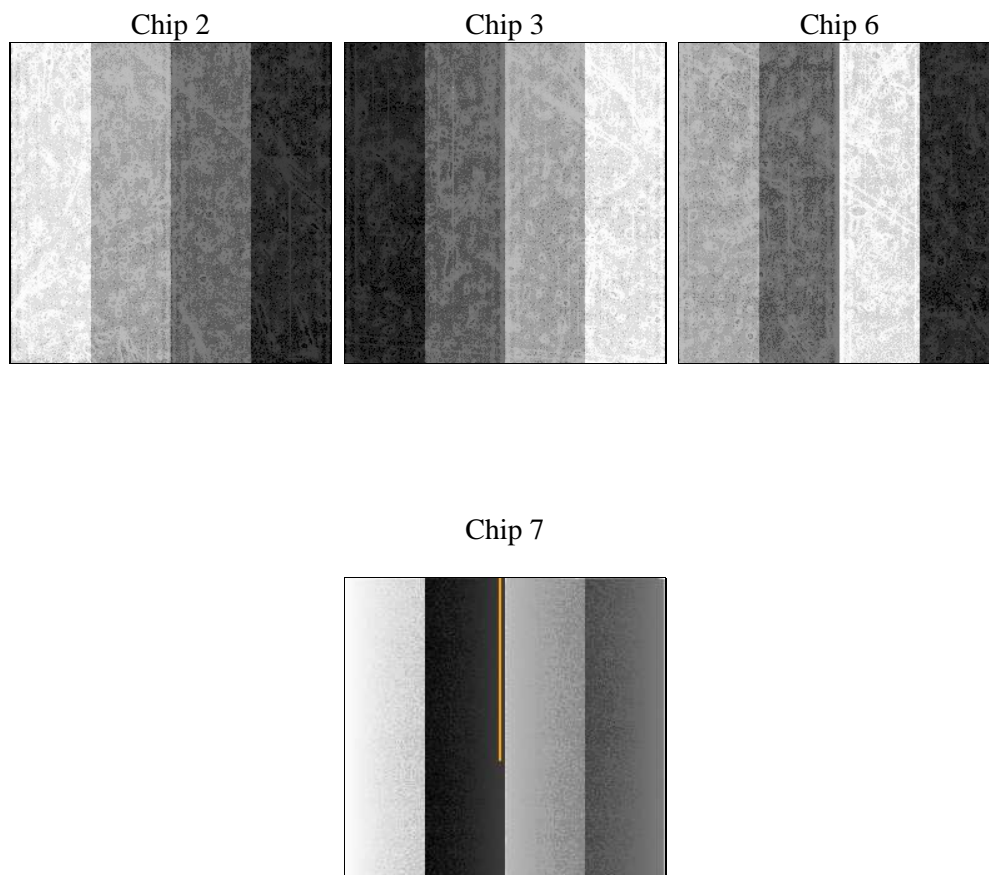
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	12000.000000	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	12079.325773716	Sum of GTIs [s]
caldsver	4.6.7	 	ontime2	12079.202653766	Sum of GTIs [s]
date	2015-03-04T14:58:10	Date and time of file creation	ontime3	12079.243693709	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	12079.284733772	Sum of GTIs [s]
			ontime7	12079.325773716	Sum of GTIs [s]
			l1events	247186	Number of level 1 events

2.1.4 Events

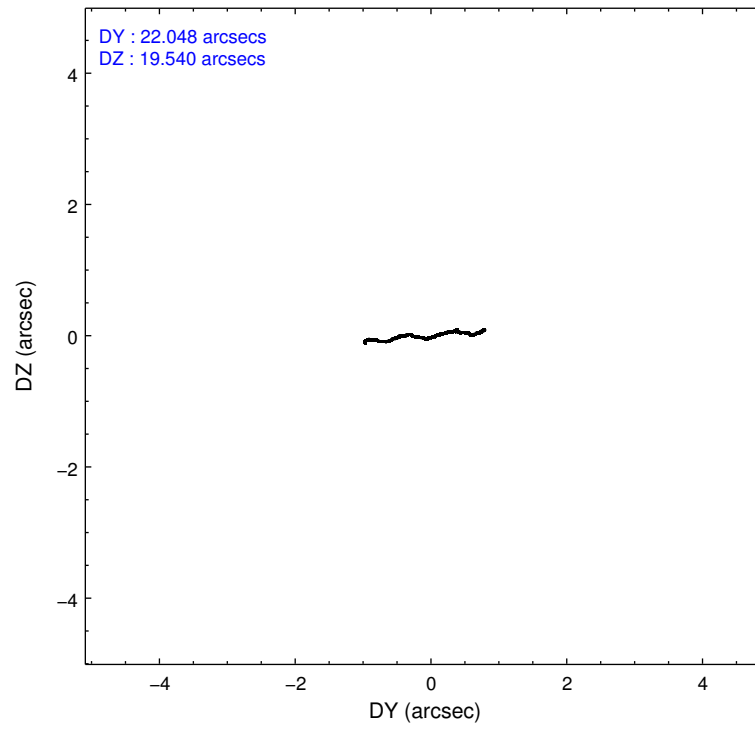
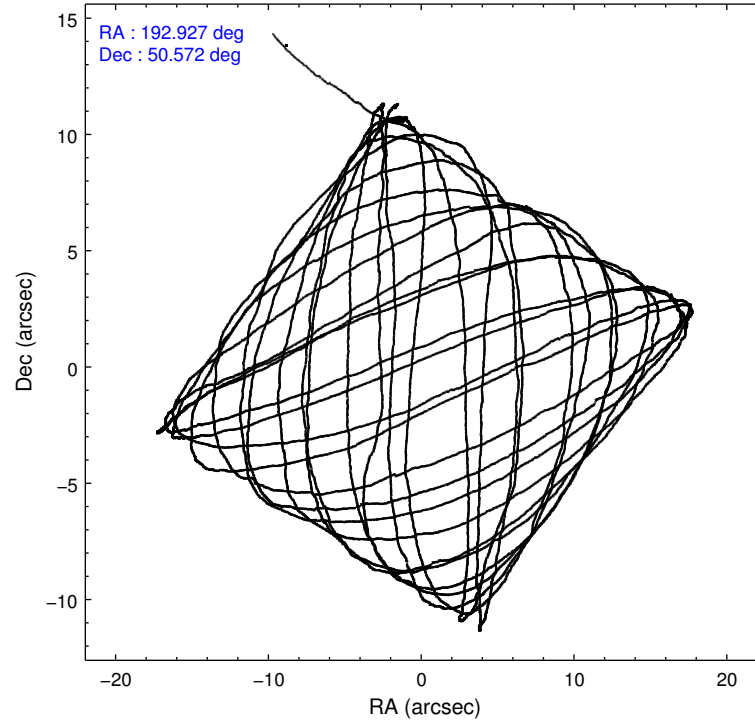
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	54610	54935	59685	77956
rejected events	48194	48597	52629	43807
rejected %	88%	88%	88%	56%

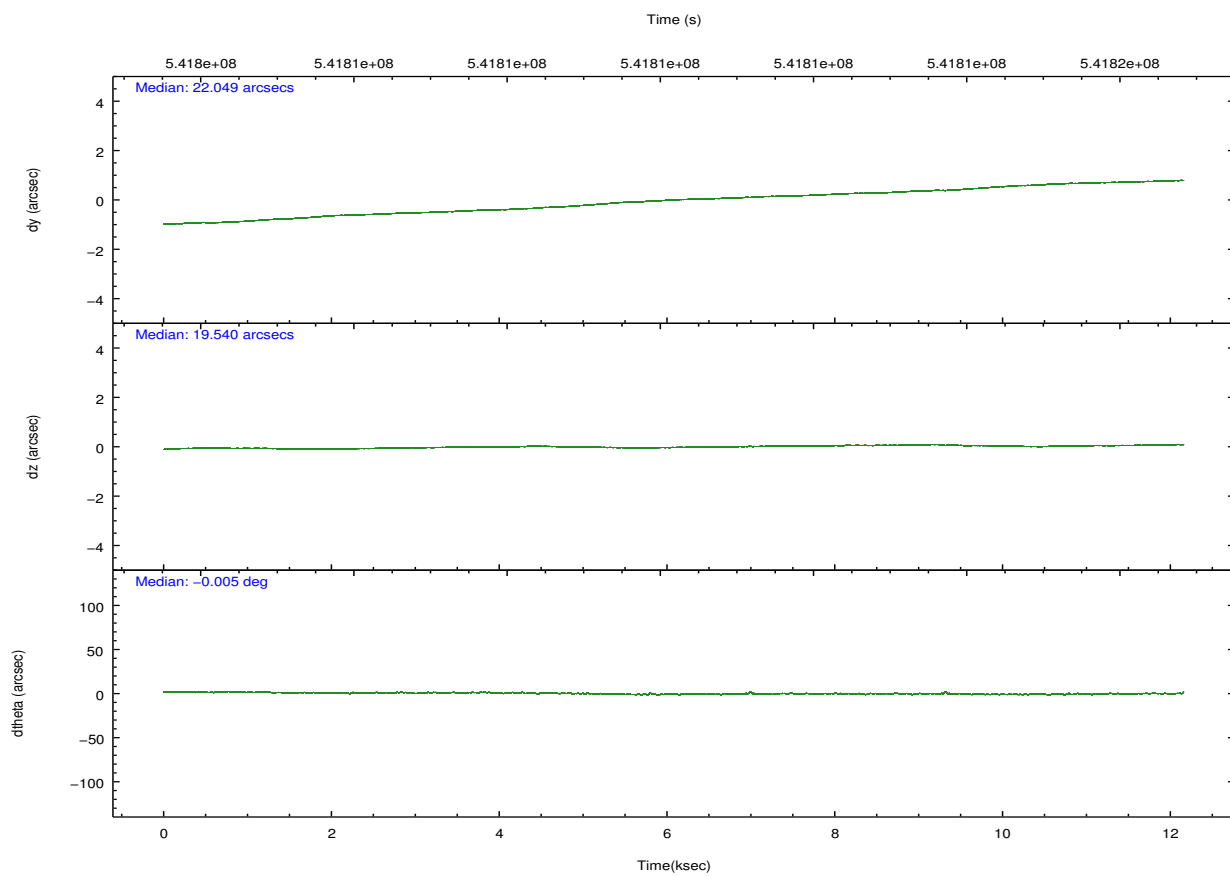
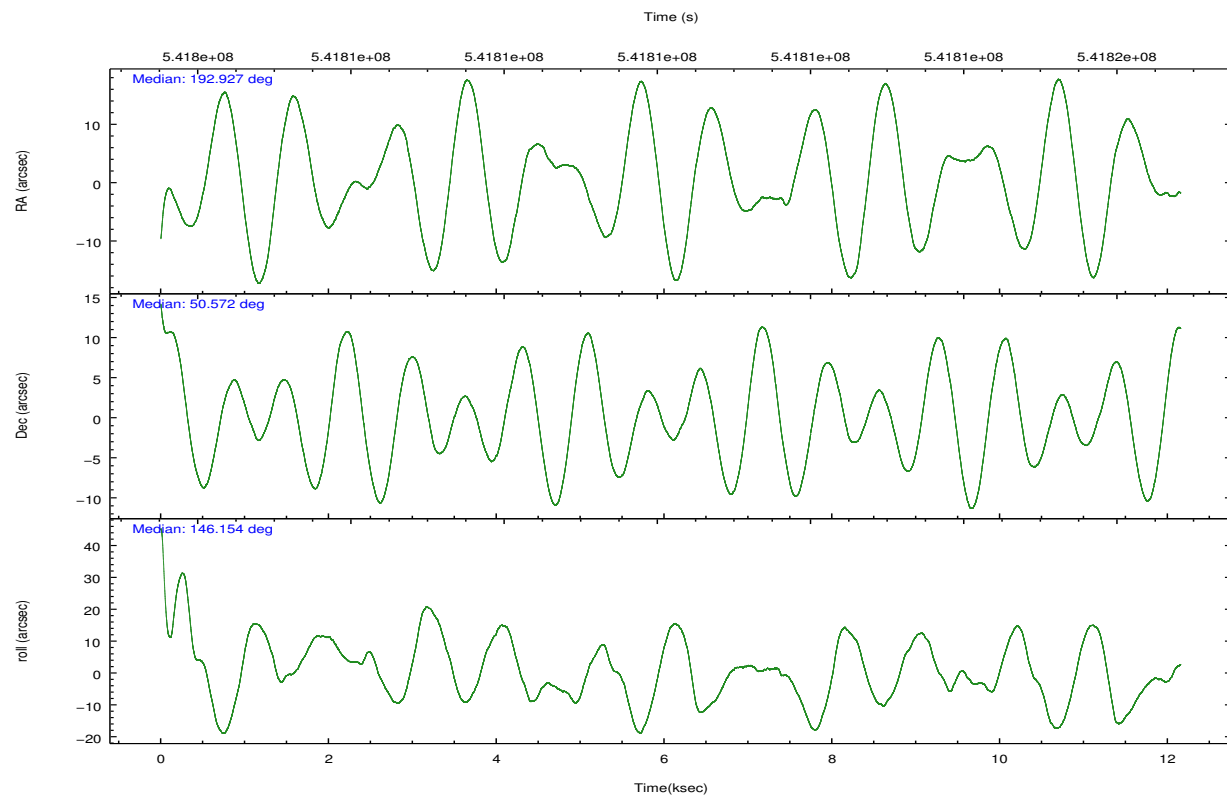
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2201	2204	2332	3040
	4%	4%	3%	3%
grade 1 events	31	23	30	106
	0%	0%	0%	0%
grade 2 events	1552	1463	1622	7116
	2%	2%	2%	9%
grade 3 events	669	698	728	2819
	1%	1%	1%	3%
grade 4 events	678	620	737	2908
	1%	1%	1%	3%
grade 5 events	2491	2989	2974	8100
	4%	5%	4%	10%
grade 6 events	1316	1355	1640	18273
	2%	2%	2%	23%
grade 7 events	45672	45583	49622	35594
	83%	82%	83%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	192.970291	192.9271123106962	CCD I2 on	O1	Y
[deg] Pointing Dec	50.570901	50.57241112529984	CCD I3 on	O2	Y
[deg] Pointing Roll	145.970168	146.1601772201126	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	N	N
[s] Observation start time (MET)	541804256.184000	541802586.12553	CCD S5 on	N	N
Observation start date	2015-03-03T21:09:49	2015-03-03T20:43:06	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	541816256.184000	541816761.87633	On-chip summing requested	N	N
Observation end date	2015-03-04T00:29:49	2015-03-04T00:39:21	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



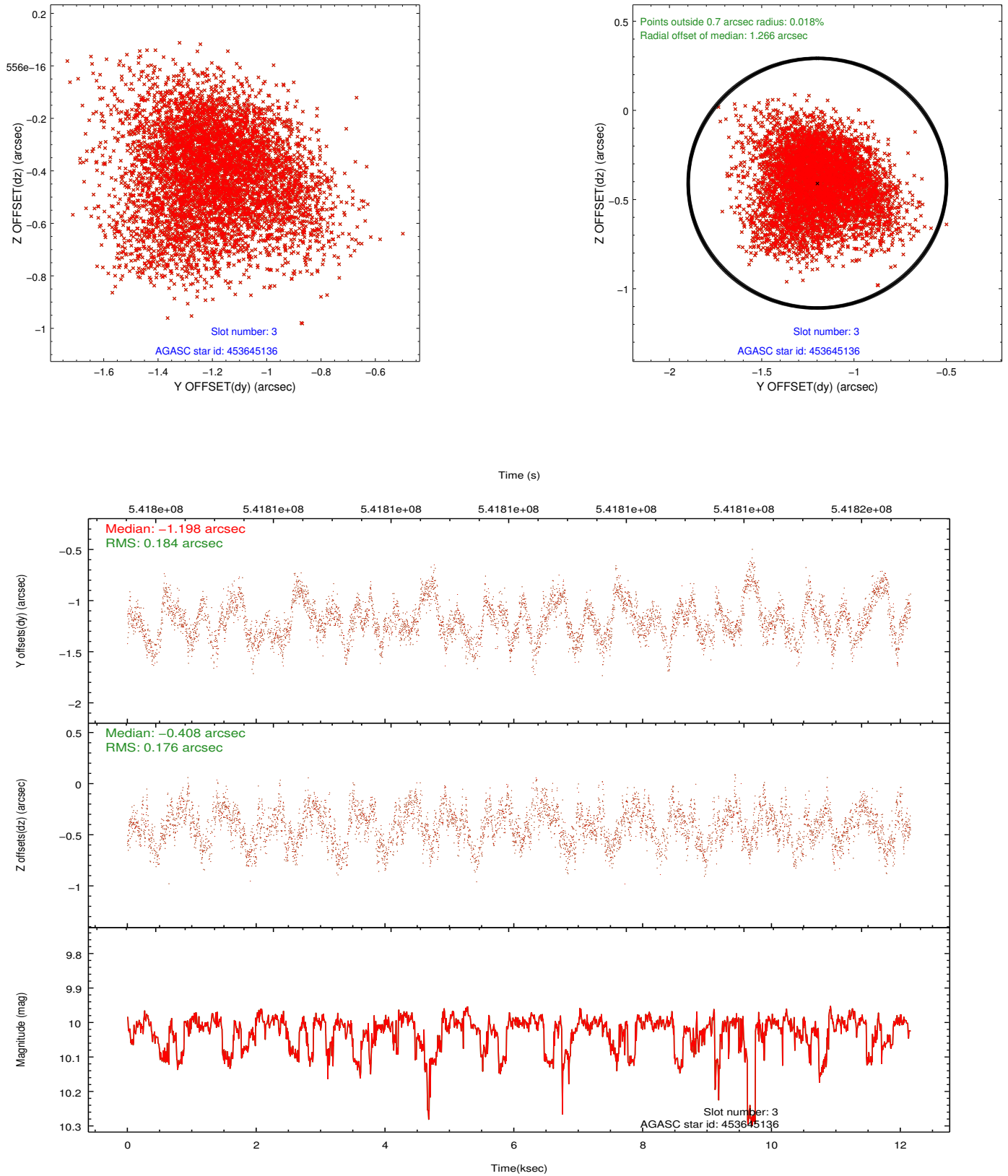


Slot Statistics

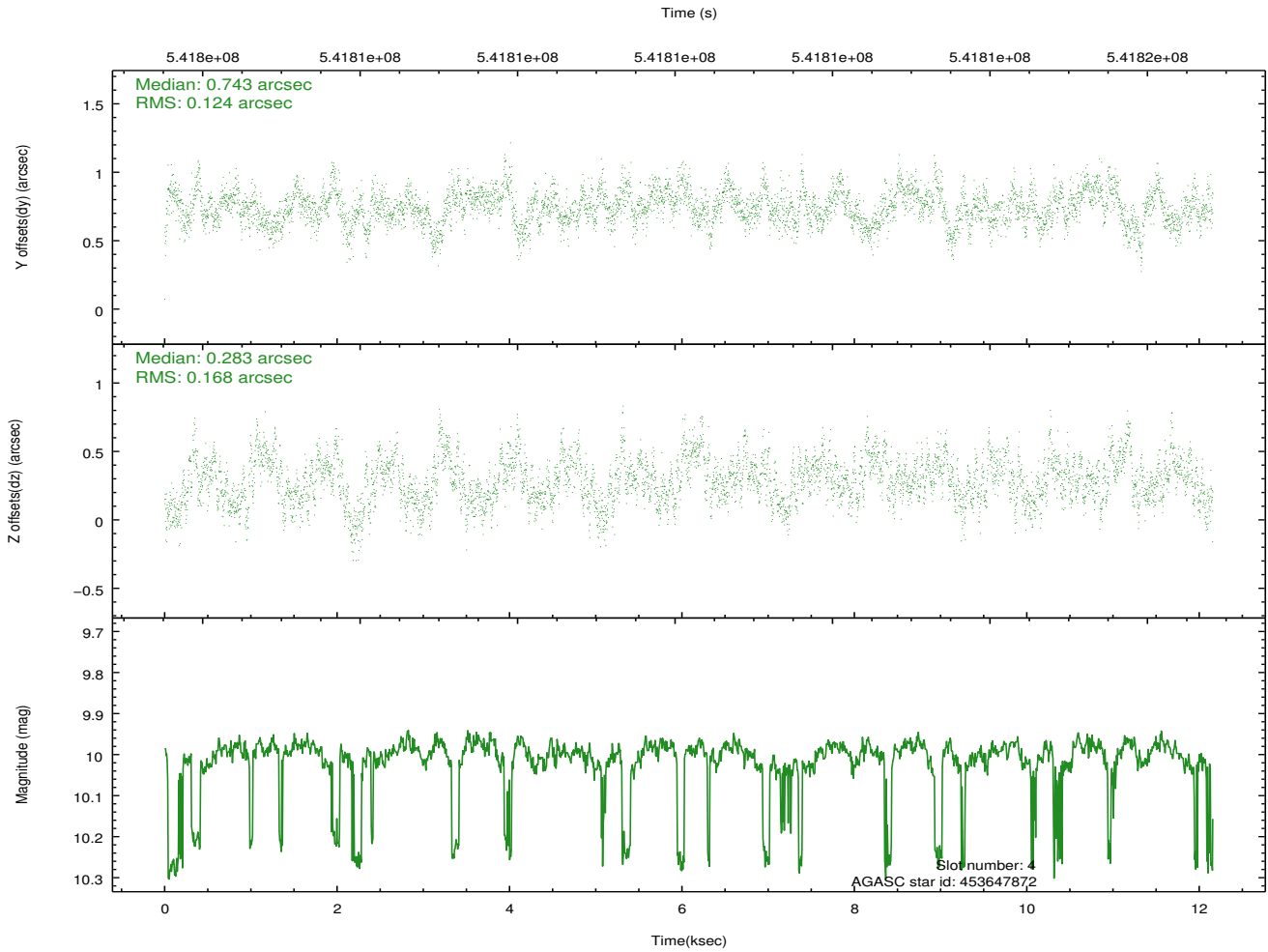
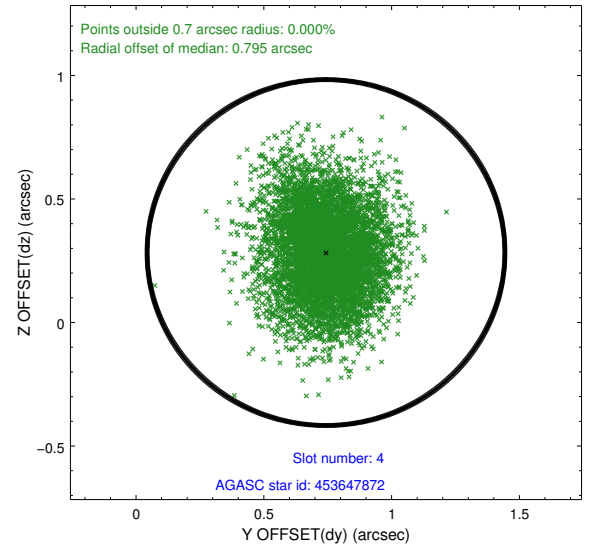
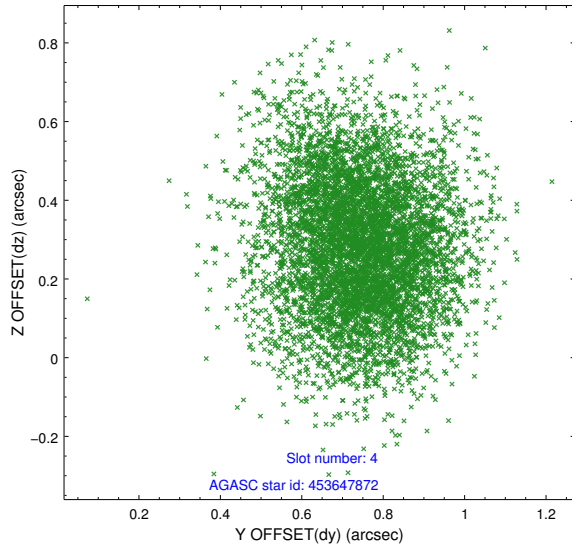
lot	status	used	id	mag	n_pts	med_dy	med_dz	drl	dr2	ra	dec	mean_y	mean_x
0	FID		ACIS-S-2	6.97	2965	-0.154	-0.072	0.008	0.013	0.000000	0.000000	-775.28	-1741.11
1	FID		ACIS-S-4	7.06	2965	0.363	0.094	0.016	0.035	0.000000	0.000000	2138.31	167.11
2	FID		ACIS-S-5	7.07	2965	-0.241	-0.013	0.016	0.029	0.000000	0.000000	-1827.71	161.11
3	BAD	used	453645136	10.02	5609	-1.198	-0.408	0.274	0.436	192.959282	51.274993	1440.70	-2086.06
4	GUIDE	used	453647872	10.00	5858	0.743	0.283	0.221	0.361	194.216250	50.800693	-1871.37	-2291.28
5	GUIDE	used	453654880	9.53	5926	0.241	0.207	0.185	0.284	192.704496	50.801826	967.65	-350.23
6	GUIDE	used	453655296	9.66	5852	0.394	0.307	0.252	0.393	193.199155	51.202375	845.64	-2173.22
7	GUIDE	used	453643312	9.86	5915	-0.247	-0.392	0.257	0.392	192.240990	50.091539	435.01	2365.79

2.4 Star Slots

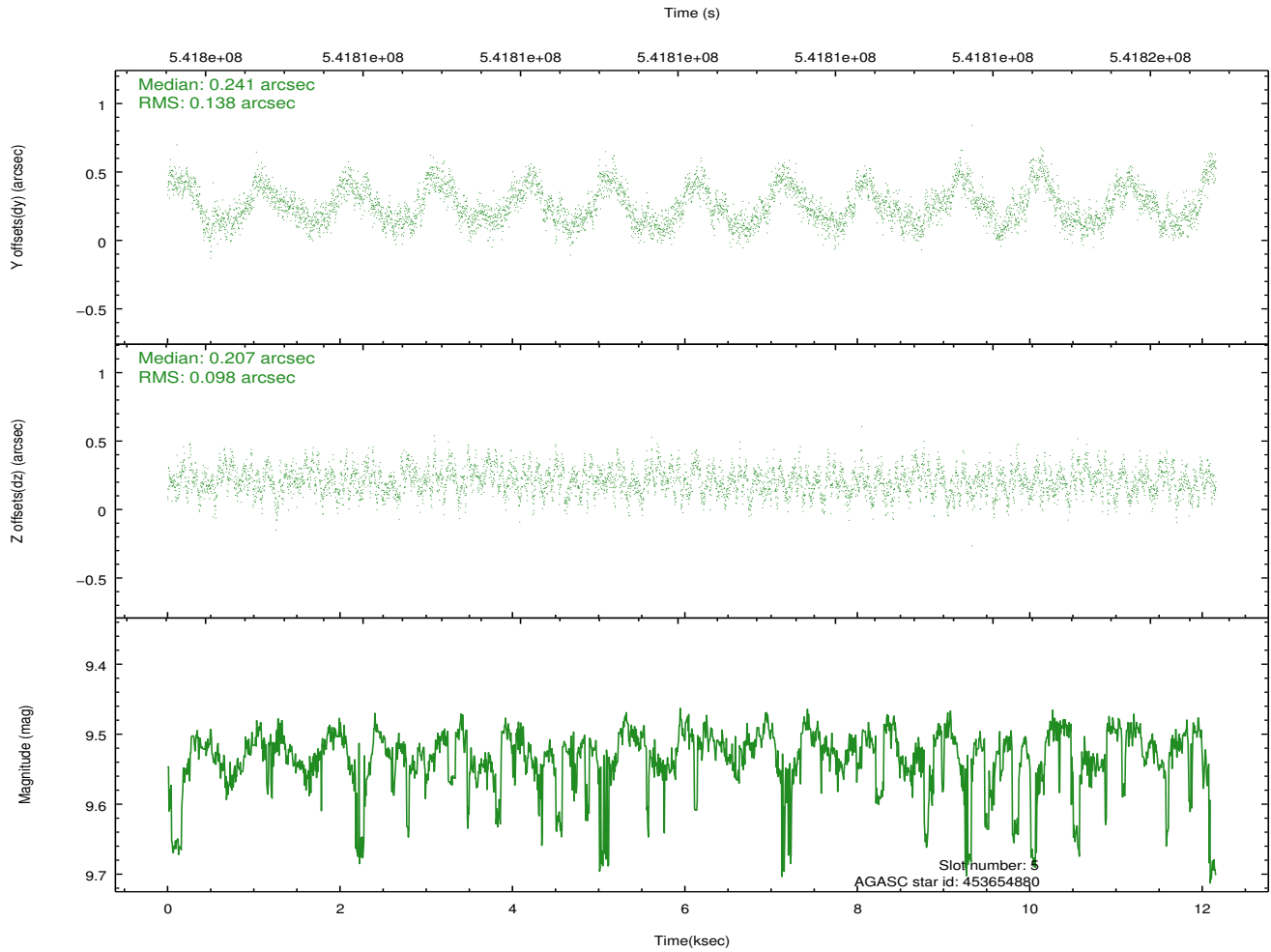
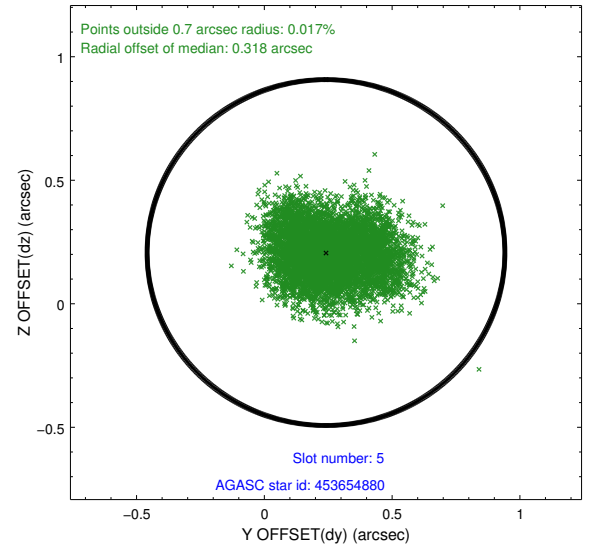
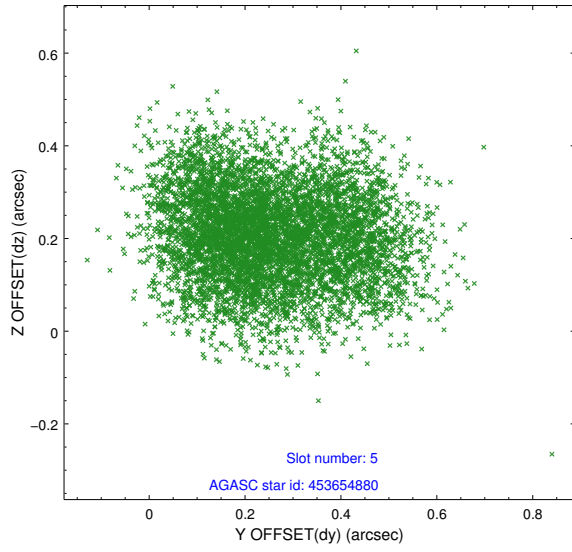
2.4.1 Slot 3



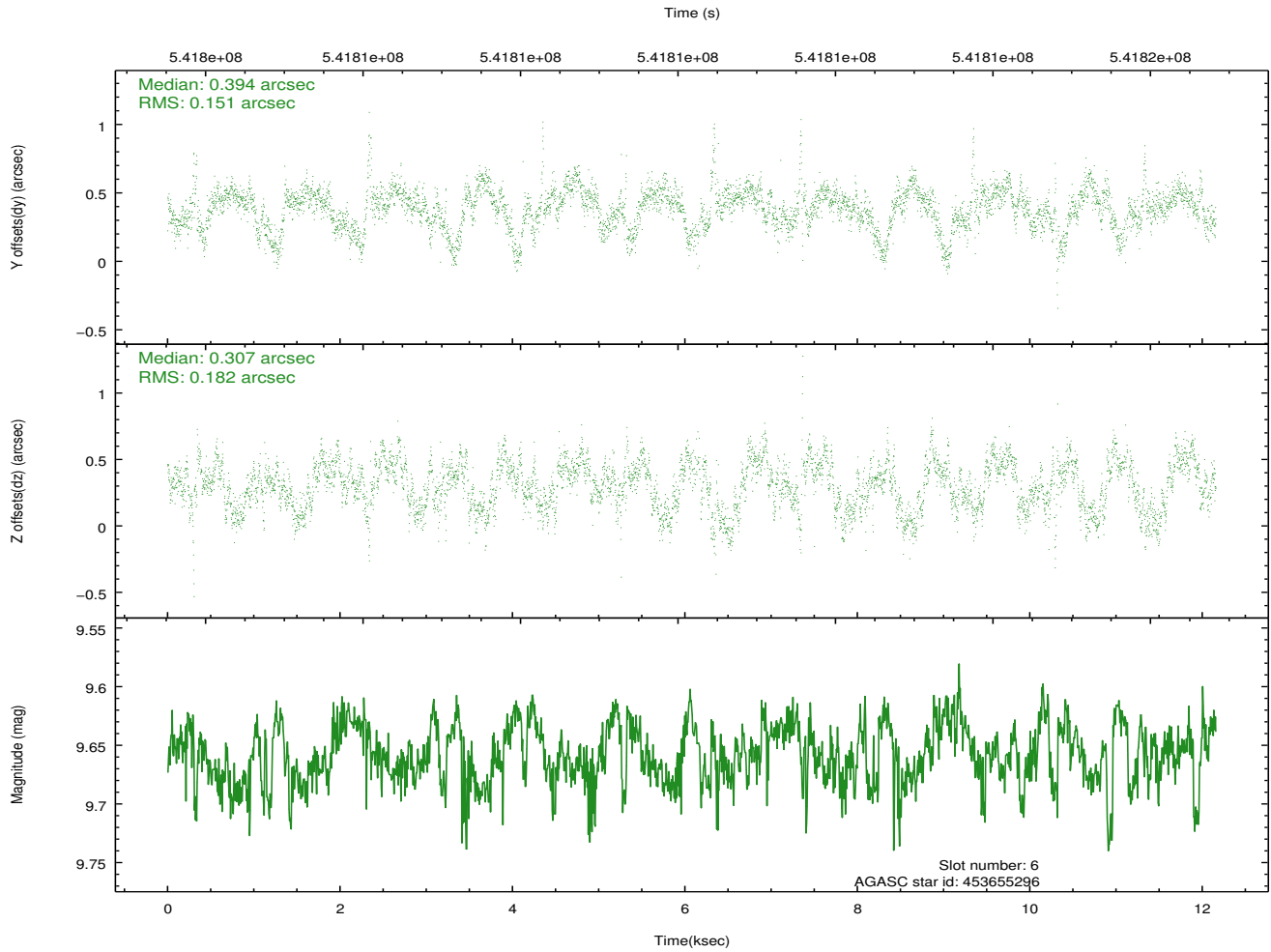
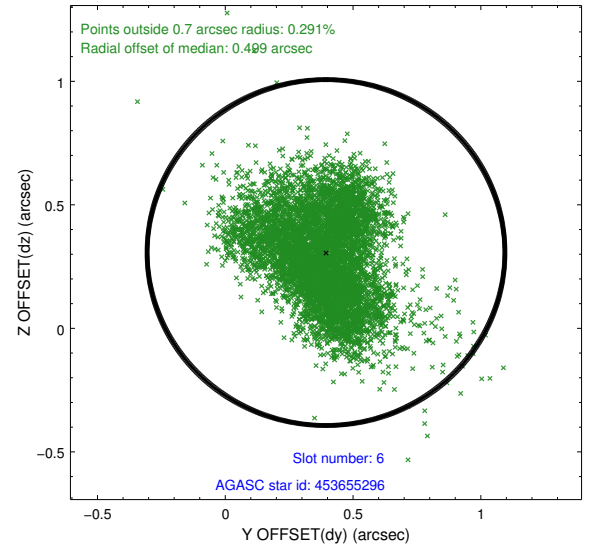
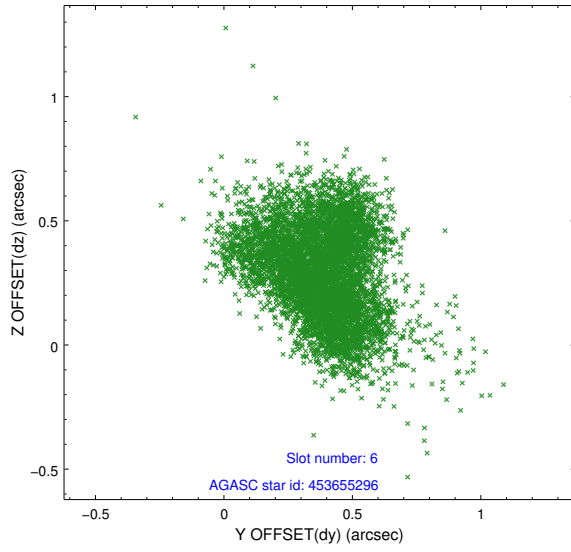
2.4.2 Slot 4



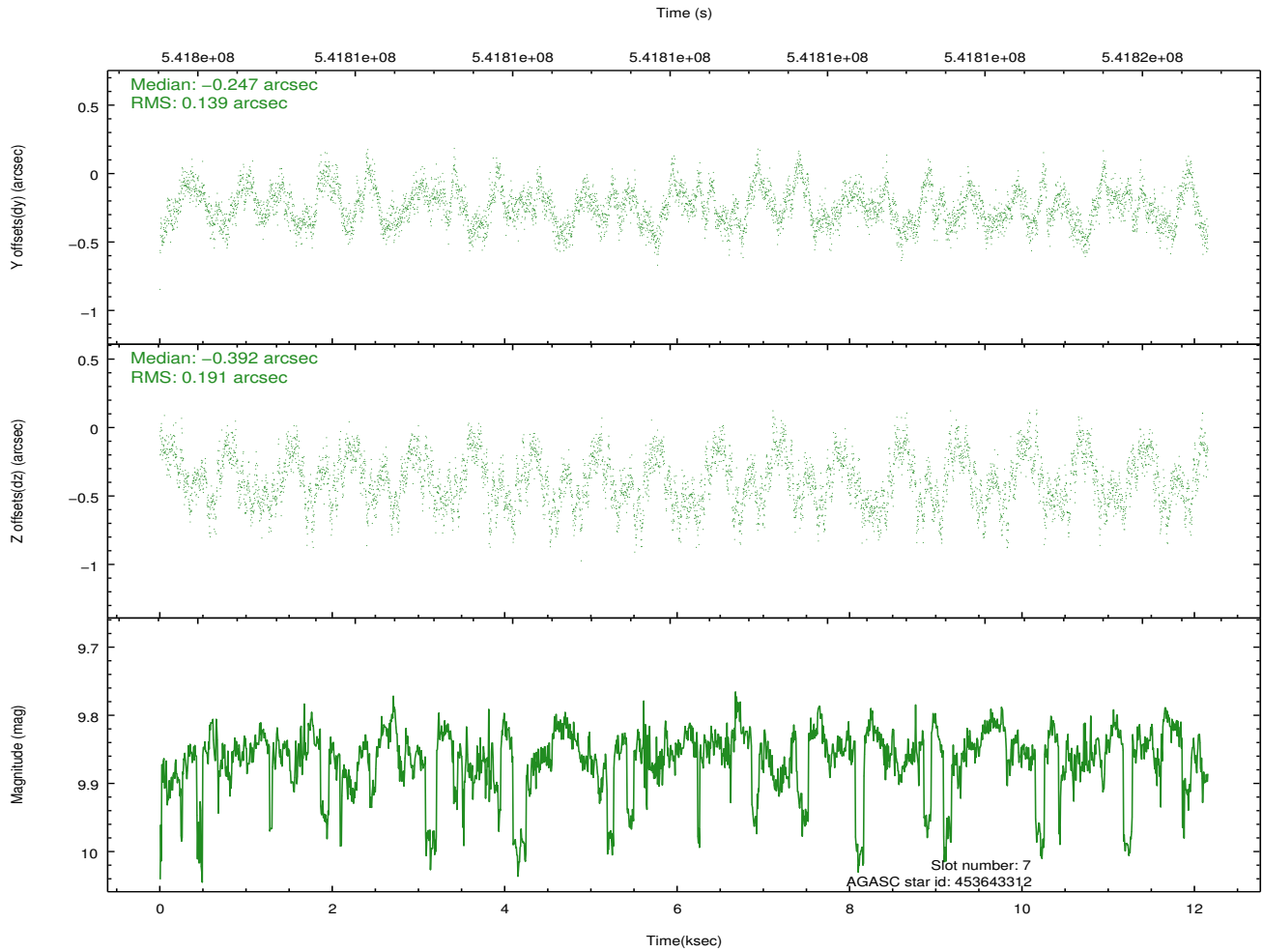
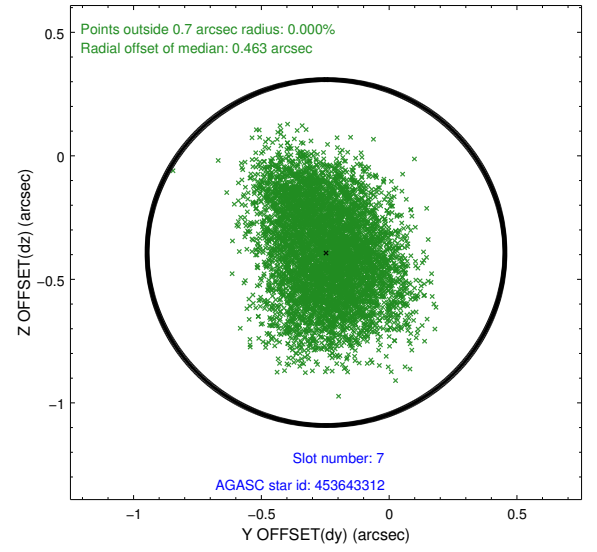
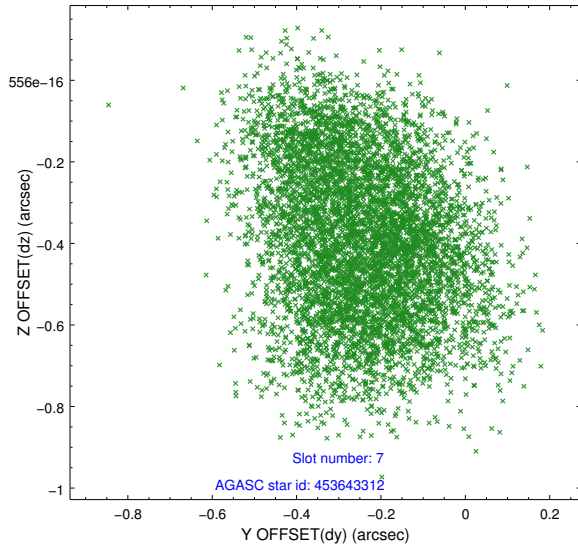
2.4.3 Slot 5



2.4.4 Slot 6

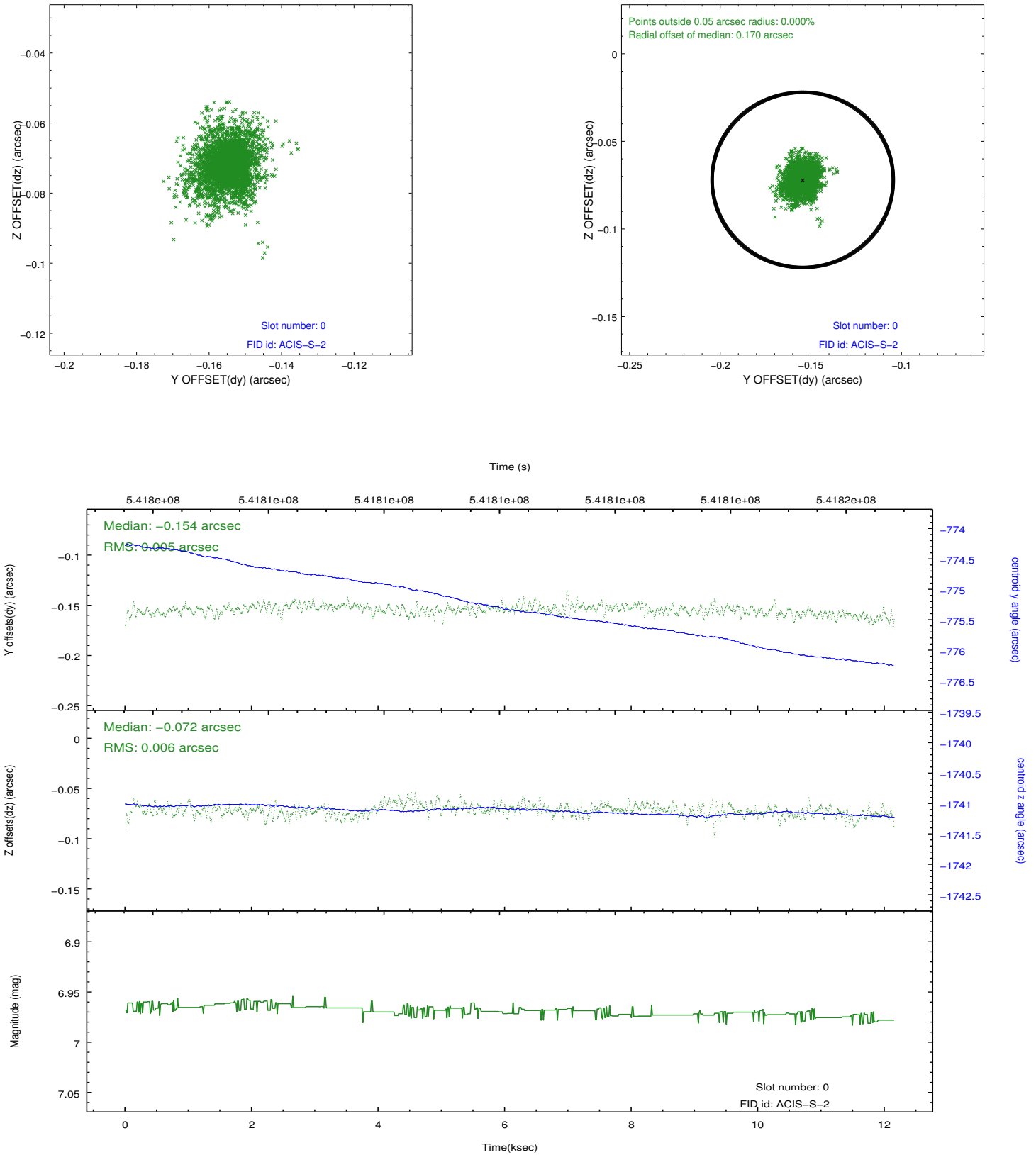


2.4.5 Slot 7

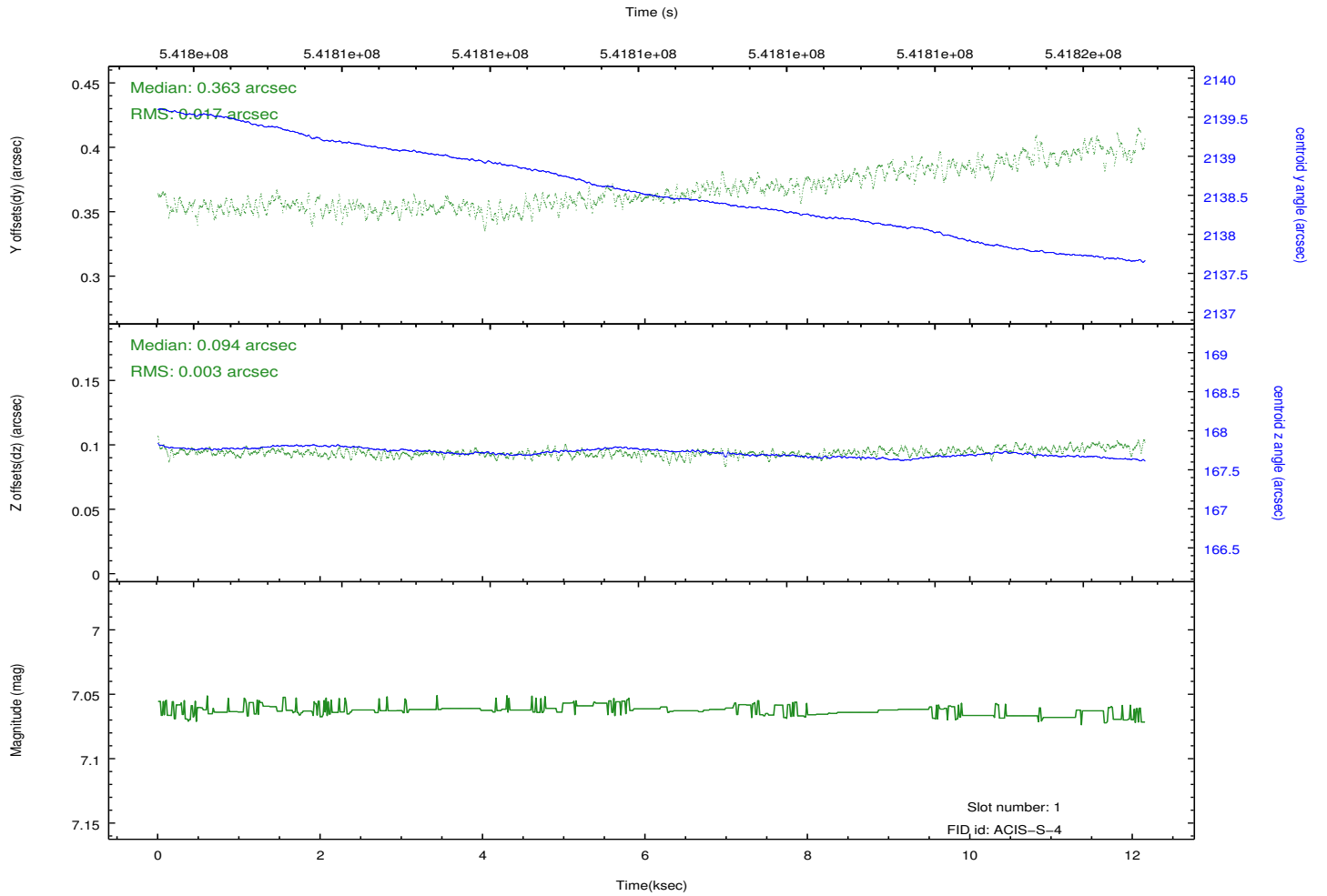
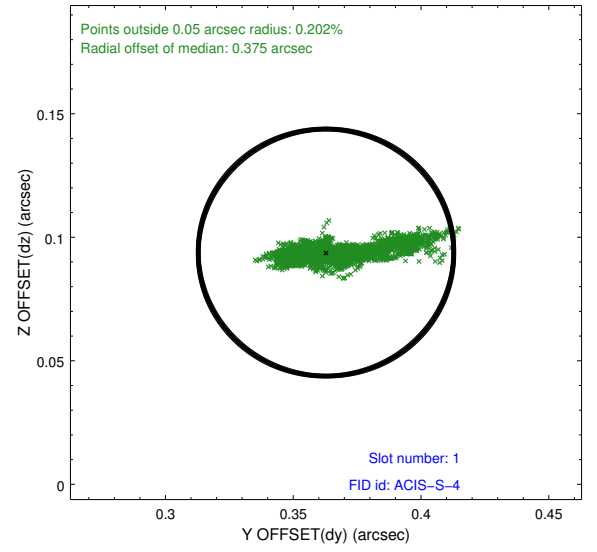
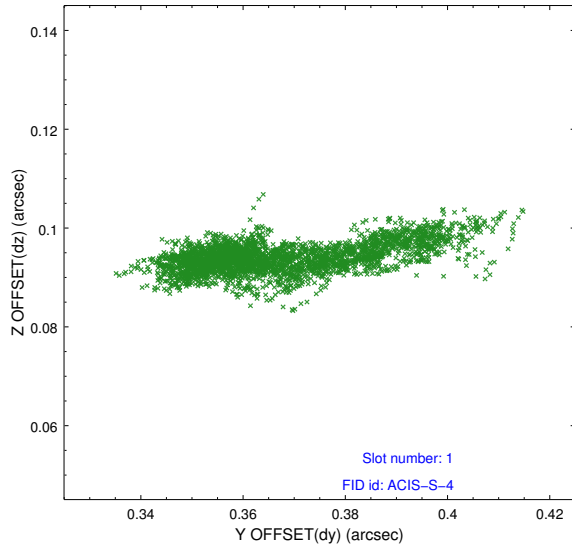


2.5 FID Slots

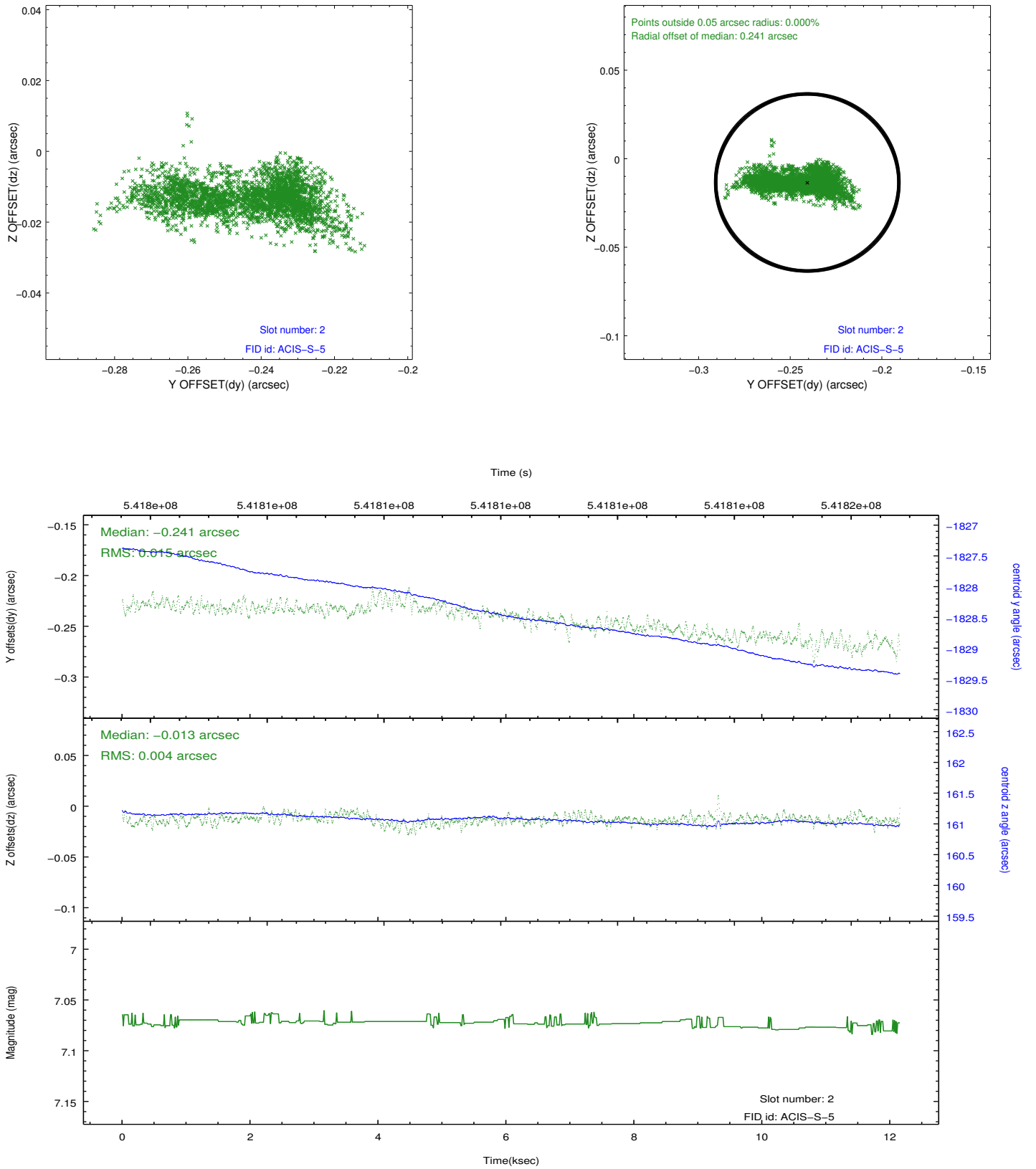
2.5.1 Slot 0



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)	2015.03.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.079325773716

A.2 Comments