

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1985 - L2 Version 3
Chandra X-Ray Center

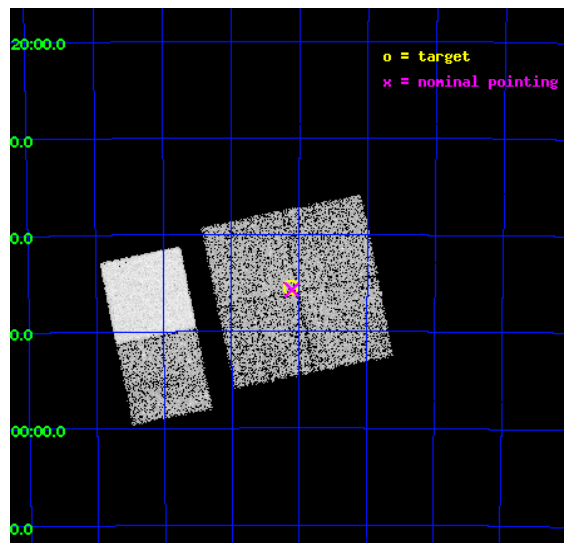
L2 Processing Date : Sep 21 2012

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1 Front

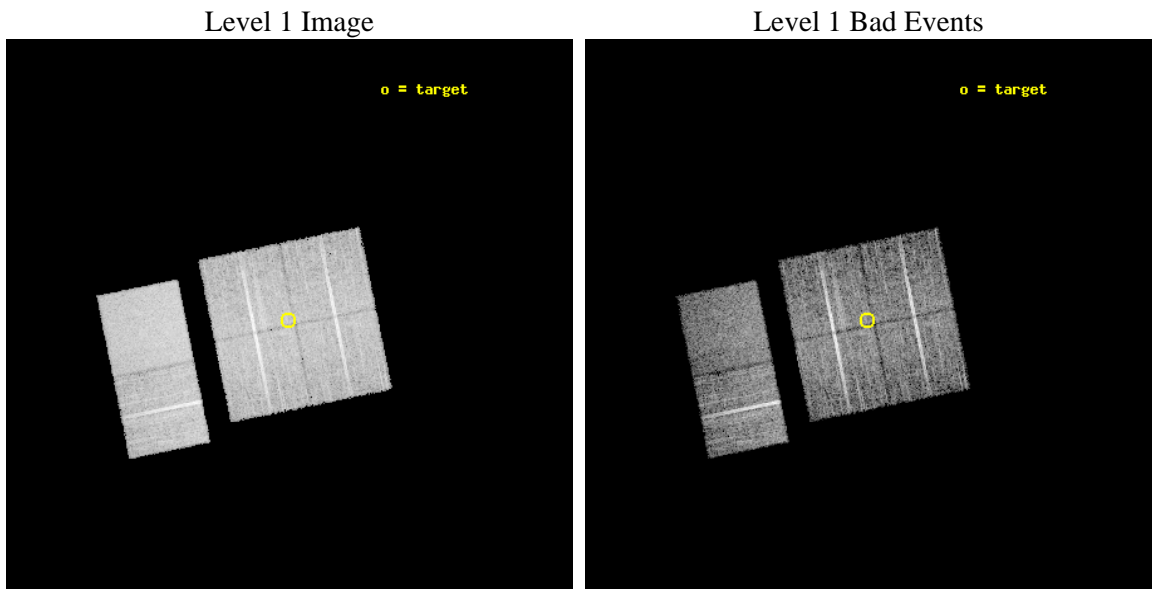
seq_num	500162	Sequence number
obs_id	1985	Observation id
title	ACIS IMAGING OF SNR/GAMMA-RAY/YOUNG PULSAR ASSOCIATIONS	Proposal t
observer	Prof. Roger Romani	Principal investigator
object	G312.4-0.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.033333	Observer's specified target RA [deg]
dec_targ	-61.758056	Observer's specified target Dec [deg]
ra_nom	213.02762375651	Nominal RA [deg]
dec_nom	-61.761892020419	Nominal Dec [deg]
roll_nom	258.49642346211	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9439.8770482987	Sum of GTIs [s]
livetime	9320.3436411016	Livetime [s]
ontime0	9439.8770482987	Sum of GTIs [s]
ontime1	9439.8770482987	Sum of GTIs [s]
ontime2	9439.8770482987	Sum of GTIs [s]
ontime3	9439.8770482987	Sum of GTIs [s]
ontime6	9439.8770482987	Sum of GTIs [s]
ontime7	9439.8770682067	Sum of GTIs [s]
l2events	64488	Number of level 2 events



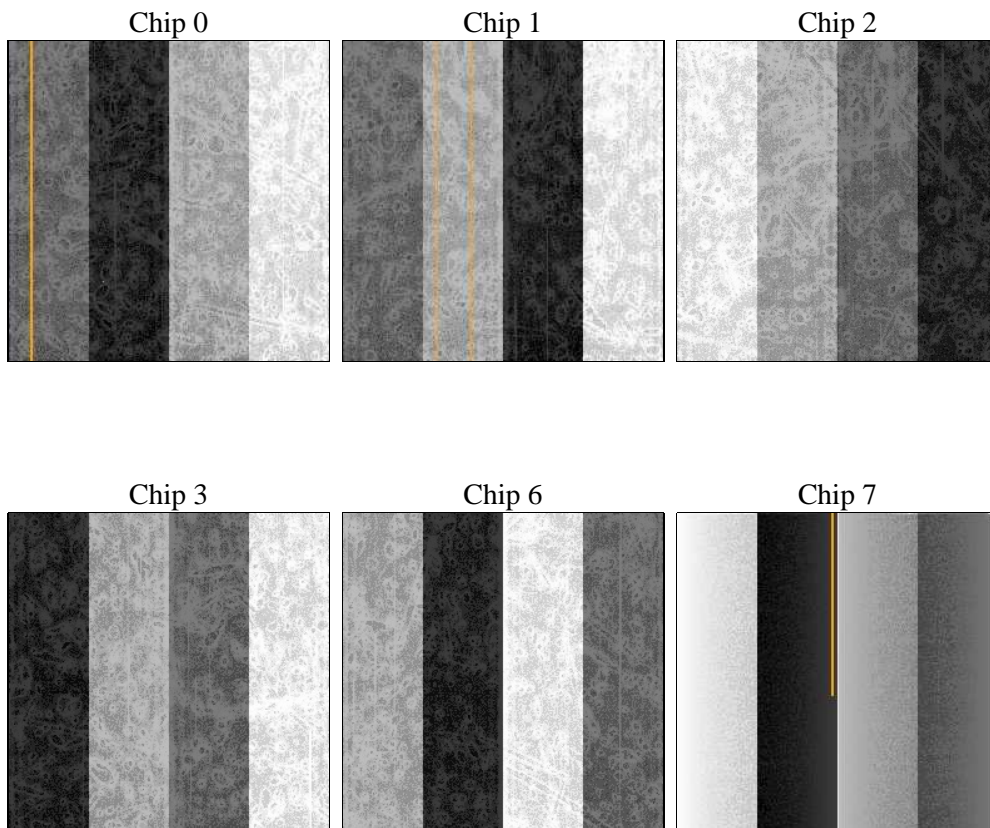
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	9500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9439.8770482987	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	9439.8770482987	Sum of GTIs [s]
date	2012-09-21T09:07:51	Date and time of file creation	ontime1	9439.8770482987	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	9439.8770482987	Sum of GTIs [s]
			ontime3	9439.8770482987	Sum of GTIs [s]
			ontime6	9439.8770482987	Sum of GTIs [s]
			ontime7	9439.8770682067	Sum of GTIs [s]
			l1events	382249	Number of level 1 events

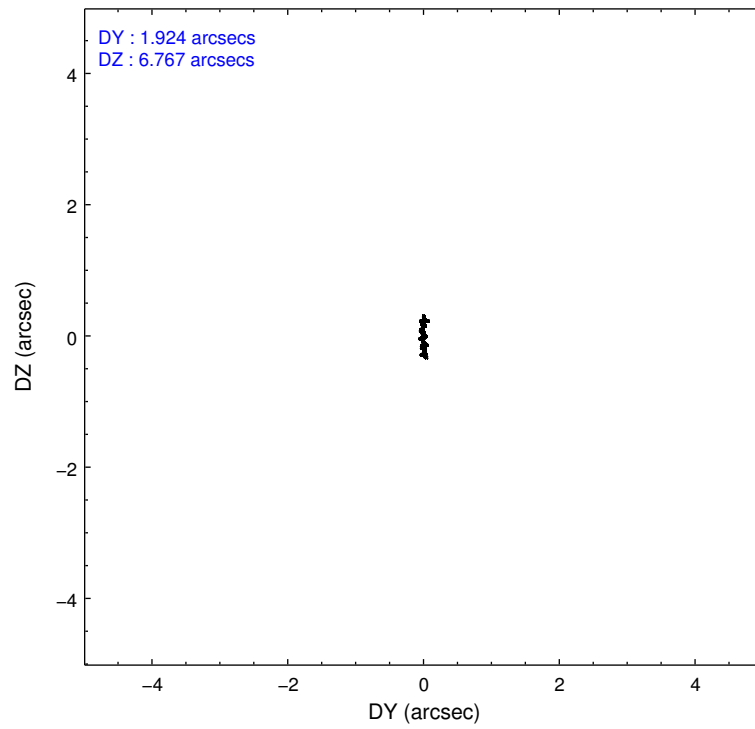
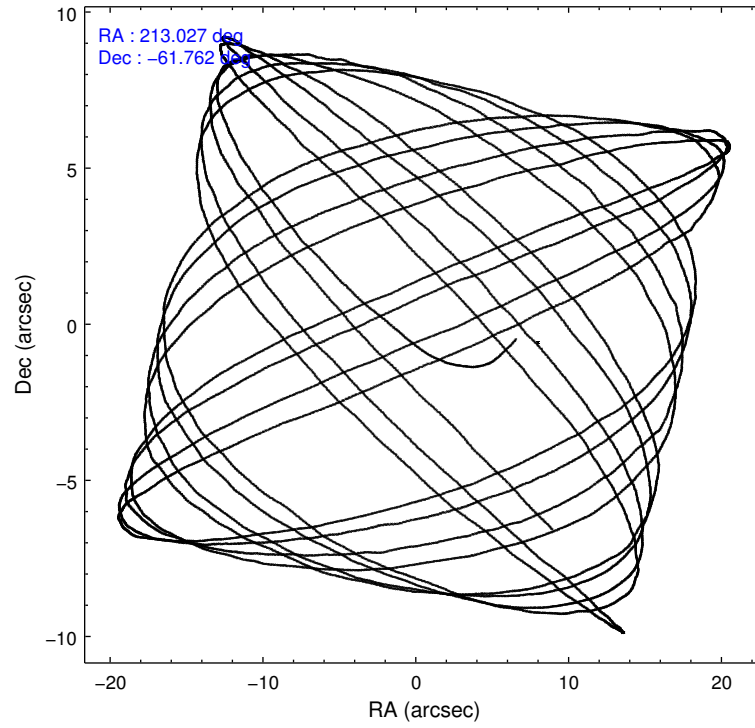
2.1.4 Events

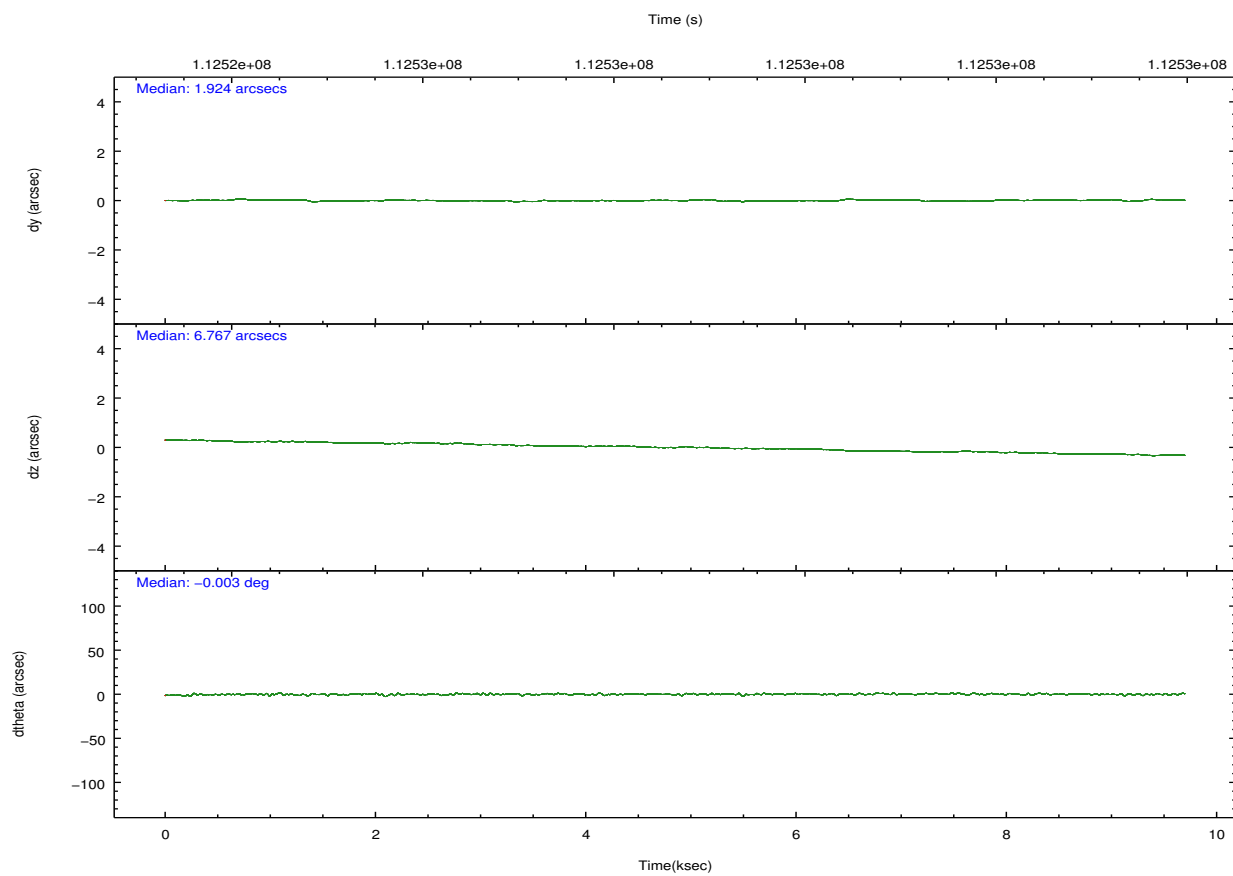
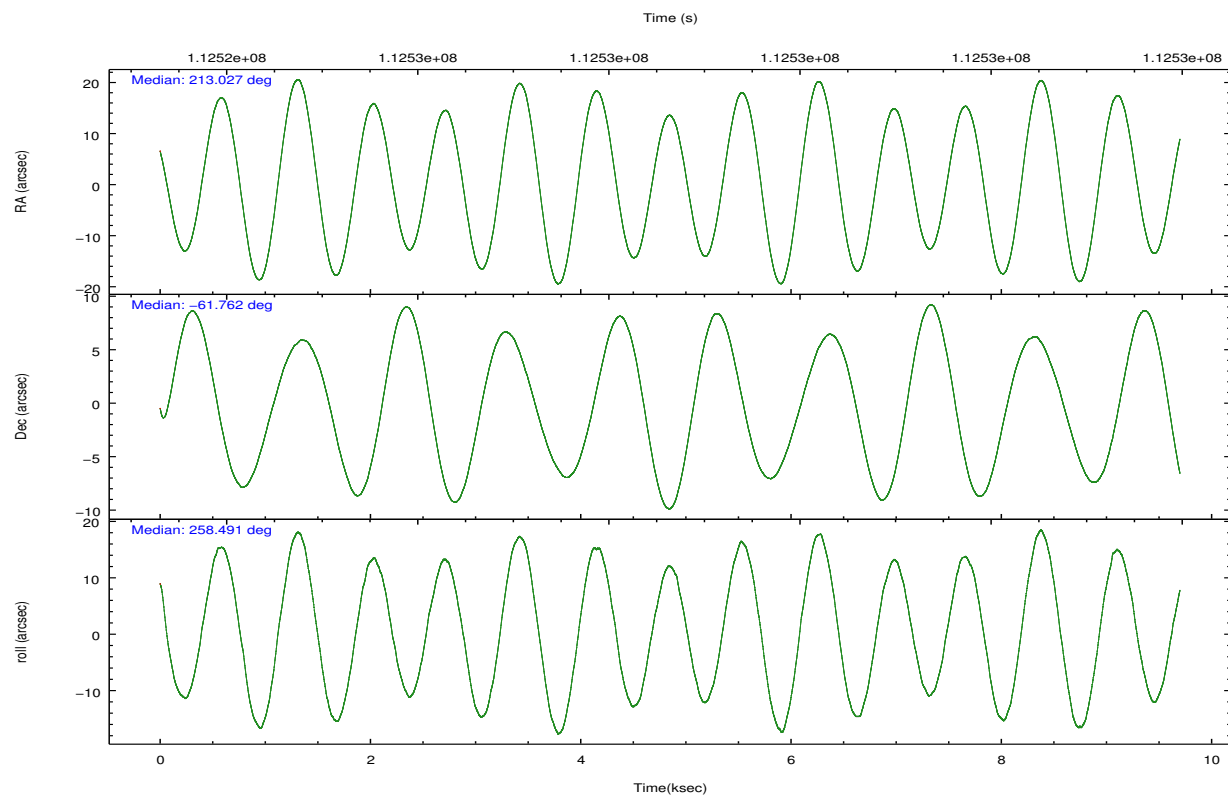
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	57275	56111	62590	61842	65657	78774	grade 0 events	3405	3318	3153	3267	3211	3079
rejected events	49466	48328	55436	54537	58101	45658		5%	5%	5%	5%	4%	3%
rejected %	86%	86%	88%	88%	88%	57%	grade 1 events	33	30	27	32	29	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	1619	1515	1487	1394	1429	6547
								2%	2%	2%	2%	2%	8%
							grade 3 events	777	801	671	700	730	3017
								1%	1%	1%	1%	1%	3%
							grade 4 events	671	718	668	641	707	2953
								1%	1%	1%	1%	1%	3%
							grade 5 events	2298	2359	2084	2417	2691	7519
								4%	4%	3%	3%	4%	9%
							grade 6 events	1341	1434	1176	1305	1481	17529
								2%	2%	1%	2%	2%	22%
							grade 7 events	47131	45936	53324	52086	55379	38065
								82%	81%	85%	84%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	213.009205	213.0276237565119	Subarray requested	NONE	NONE
[deg] Pointing Dec	-61.735944	-61.76189202041938	Alternating exposures requested	N	N
[deg] Pointing Roll	258.271505	258.4964234621083	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	112523991.184000	112523022.32987			
Observation start date	2001-07-26T08:38:47	2001-07-26T08:23:42			
[s] Observation end time (MET)	112533491.184000	112534409.05532			
Observation end date	2001-07-26T11:17:07	2001-07-26T11:33:29			
Read mode	TIMED	TIMED			

2.3 Aspect



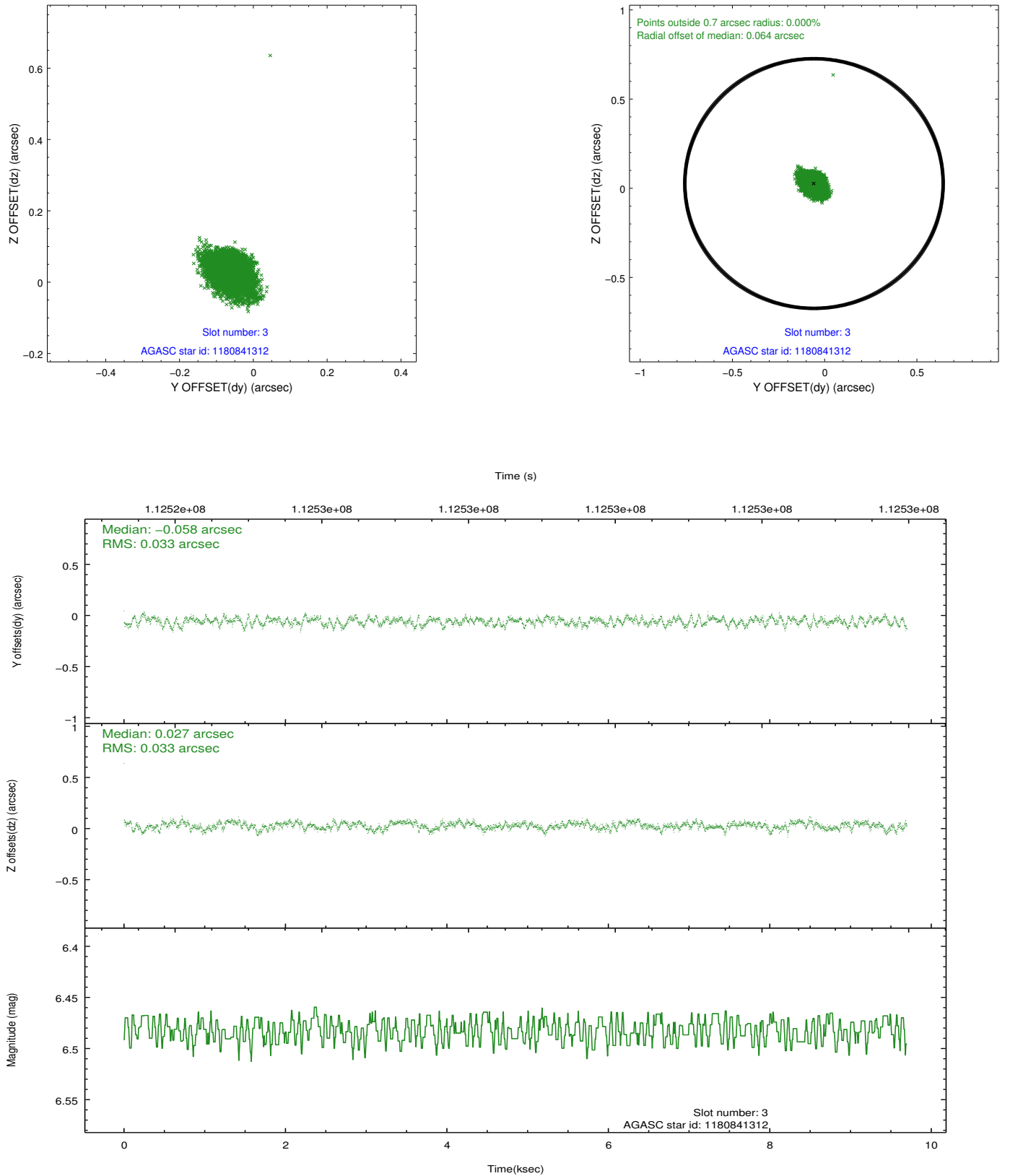


Slot Statistics

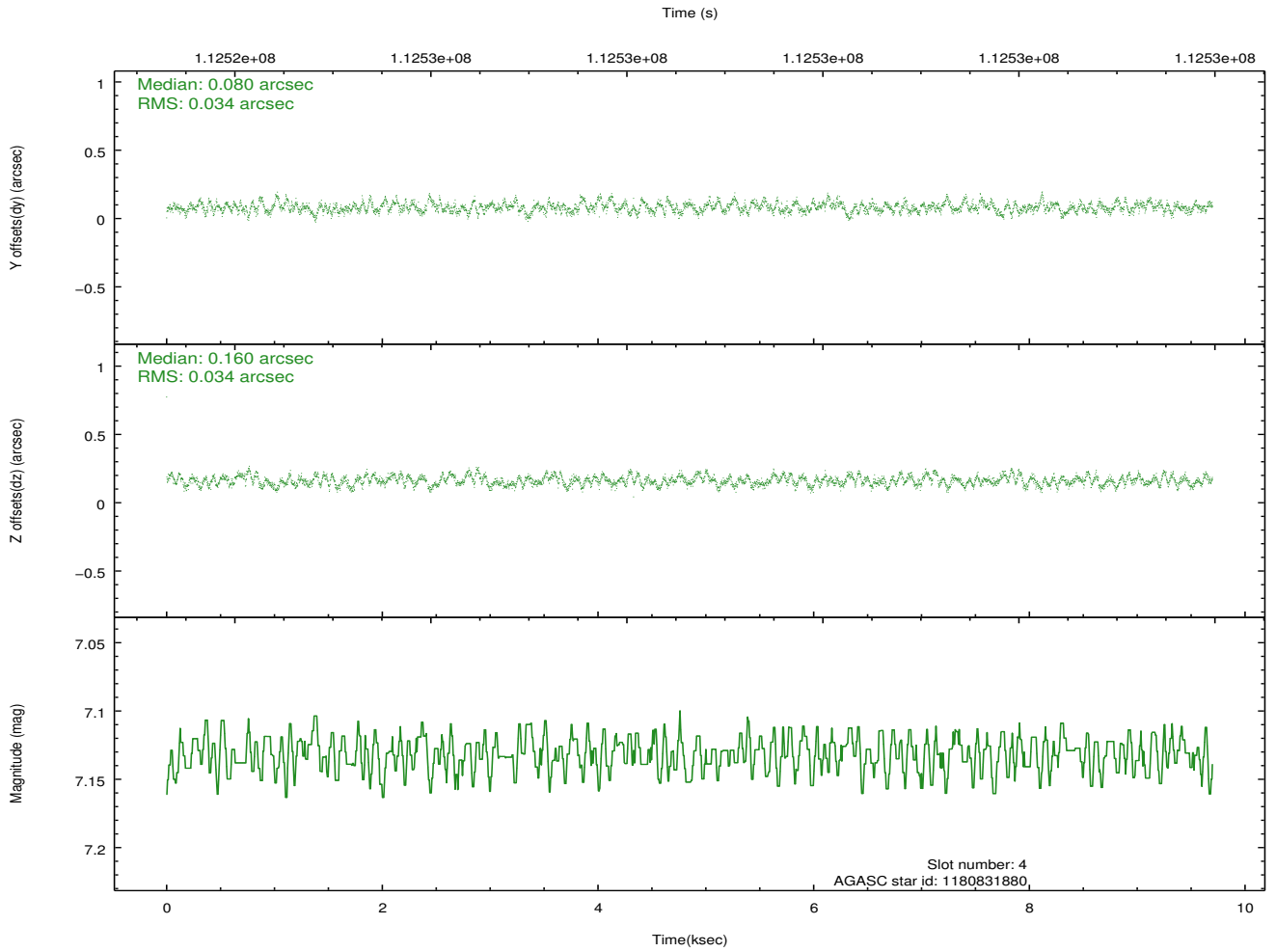
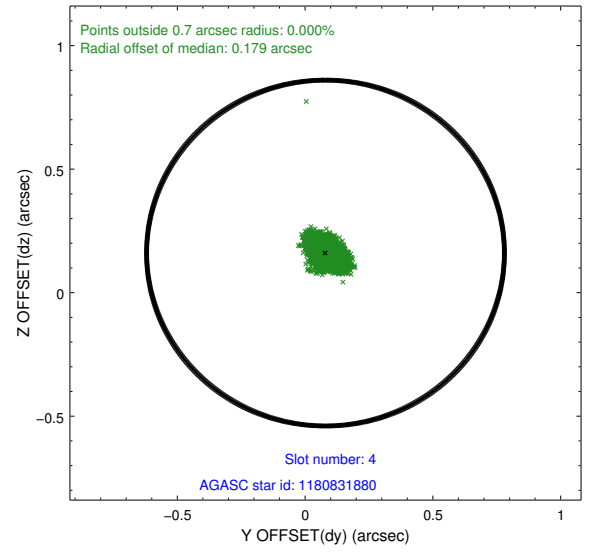
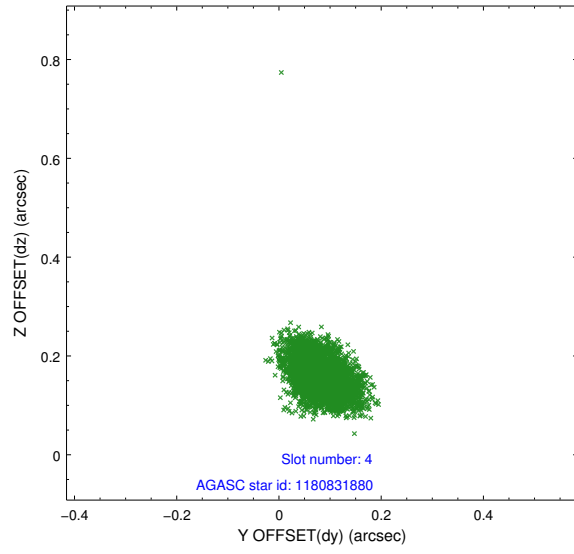
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	2361	-0.046	-0.077	0.009	0.016	0.000000	0.000000	-756.31	-836.60
1	FID	ACIS-I-4	7.18	2363	-0.015	0.054	0.006	0.010	0.000000	0.000000	2157.51	1069.46
2	FID	ACIS-I-5	7.23	2363	-0.040	0.092	0.009	0.015	0.000000	0.000000	-1809.44	1067.94
3	GUIDE	1180841312	6.48	4727	-0.058	0.027	0.049	0.080	211.462952	-61.933078	1258.51	-2412.79
4	GUIDE	1180831880	7.13	4727	0.080	0.160	0.050	0.083	213.988497	-62.488762	2335.38	2148.43
5	GUIDE	1180306208	7.90	4726	-0.195	0.047	0.077	0.121	214.195555	-61.184167	-2344.31	1616.51
6	GUIDE	1180829496	8.14	4727	0.164	-0.202	0.058	0.093	212.949969	-62.026347	1044.26	115.47
7	GUIDE	1180834480	8.05	4726	0.011	-0.032	0.051	0.080	213.510180	-62.231695	1580.56	1186.96

2.4 Star Slots

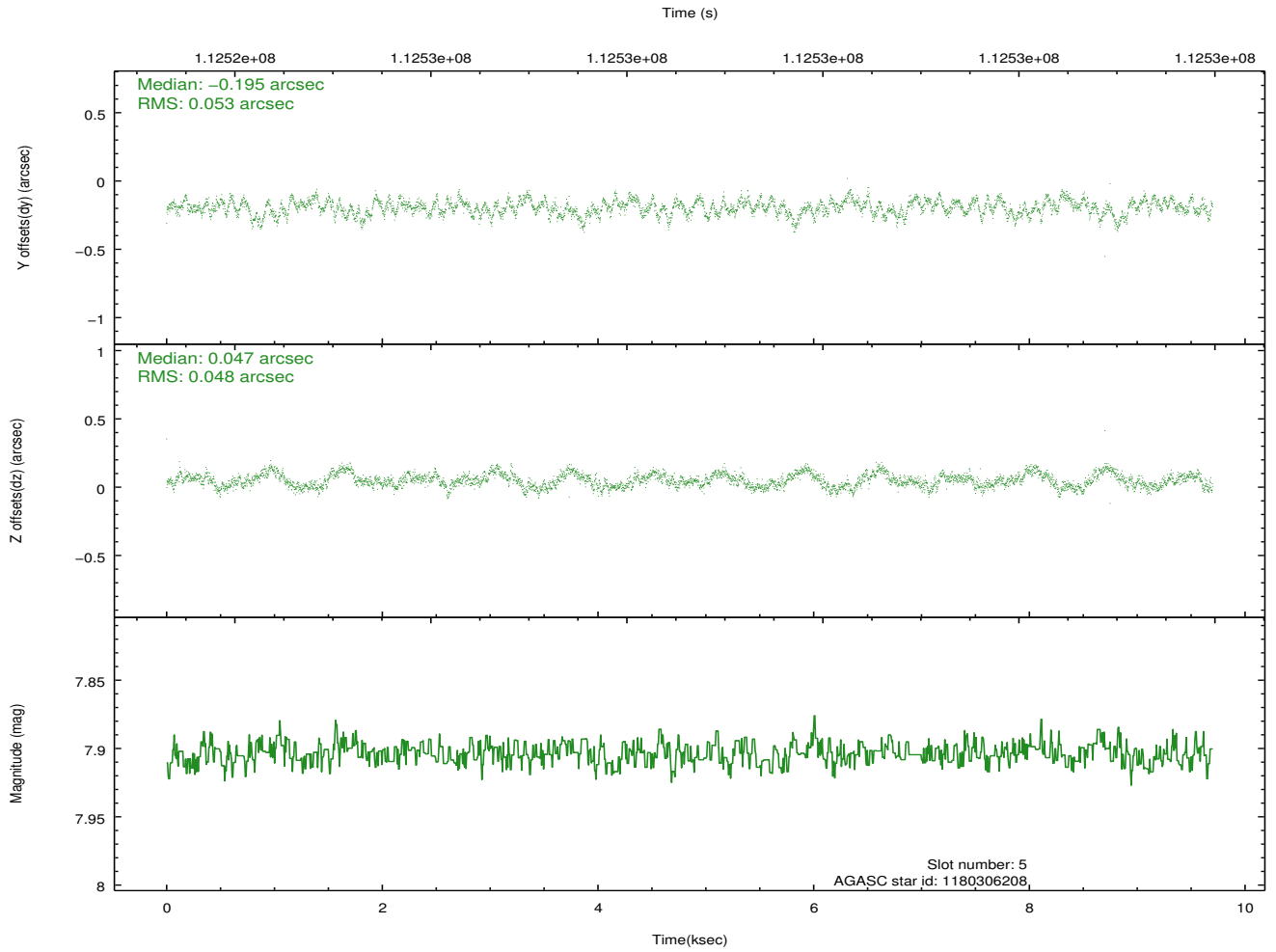
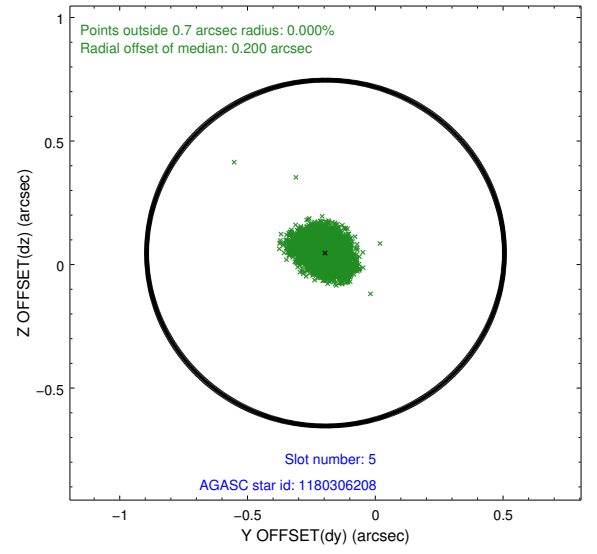
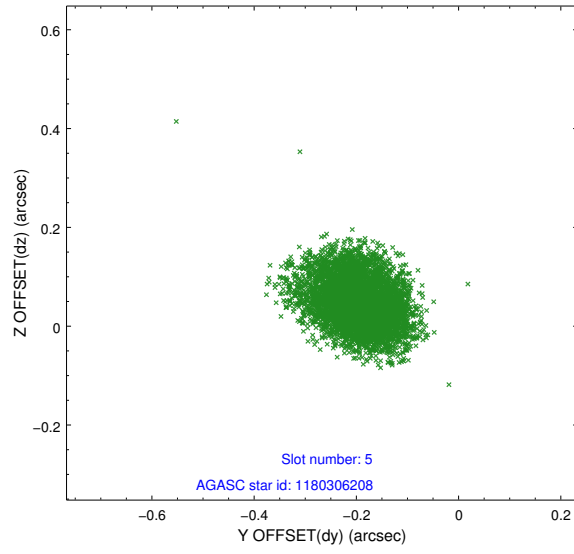
2.4.1 Slot 3



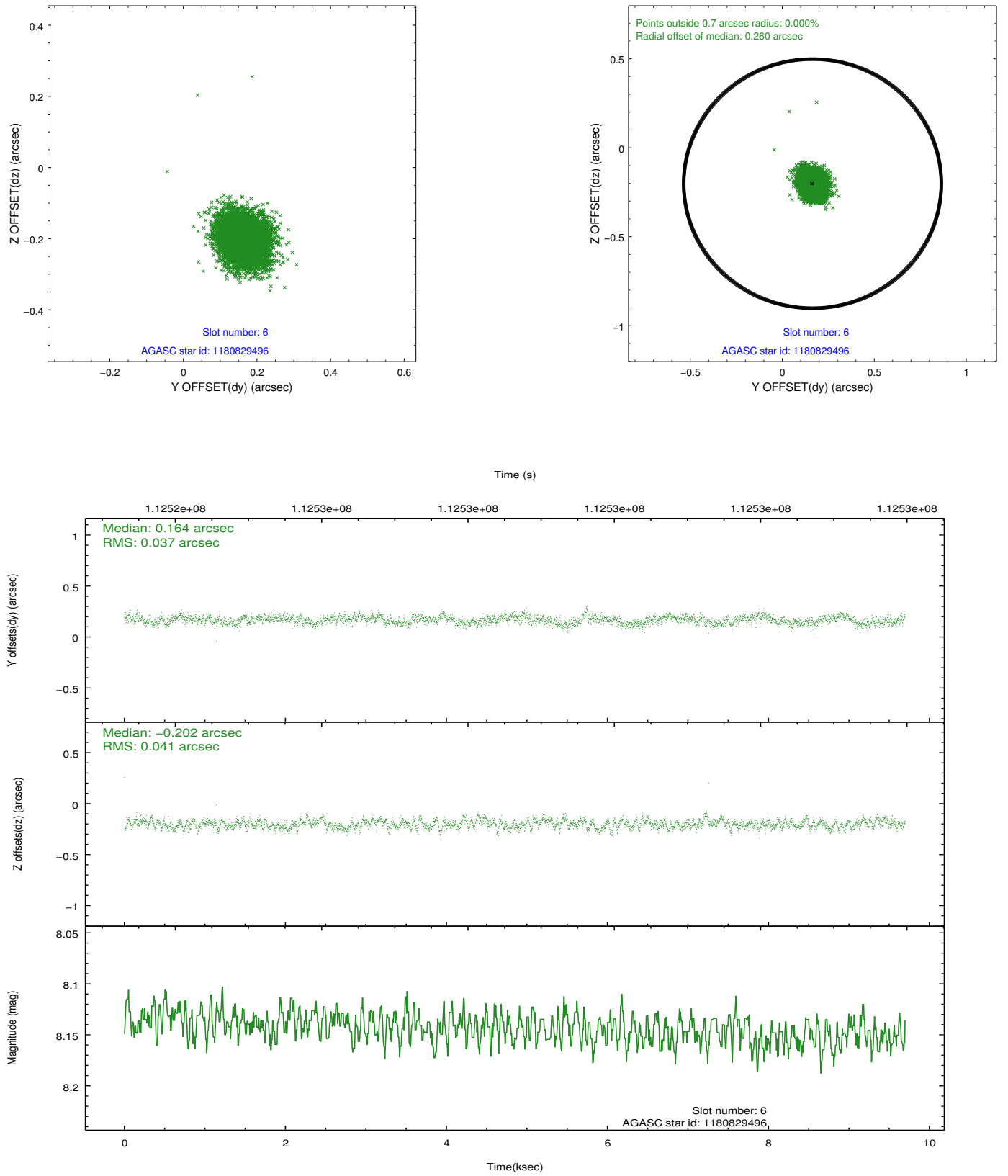
2.4.2 Slot 4



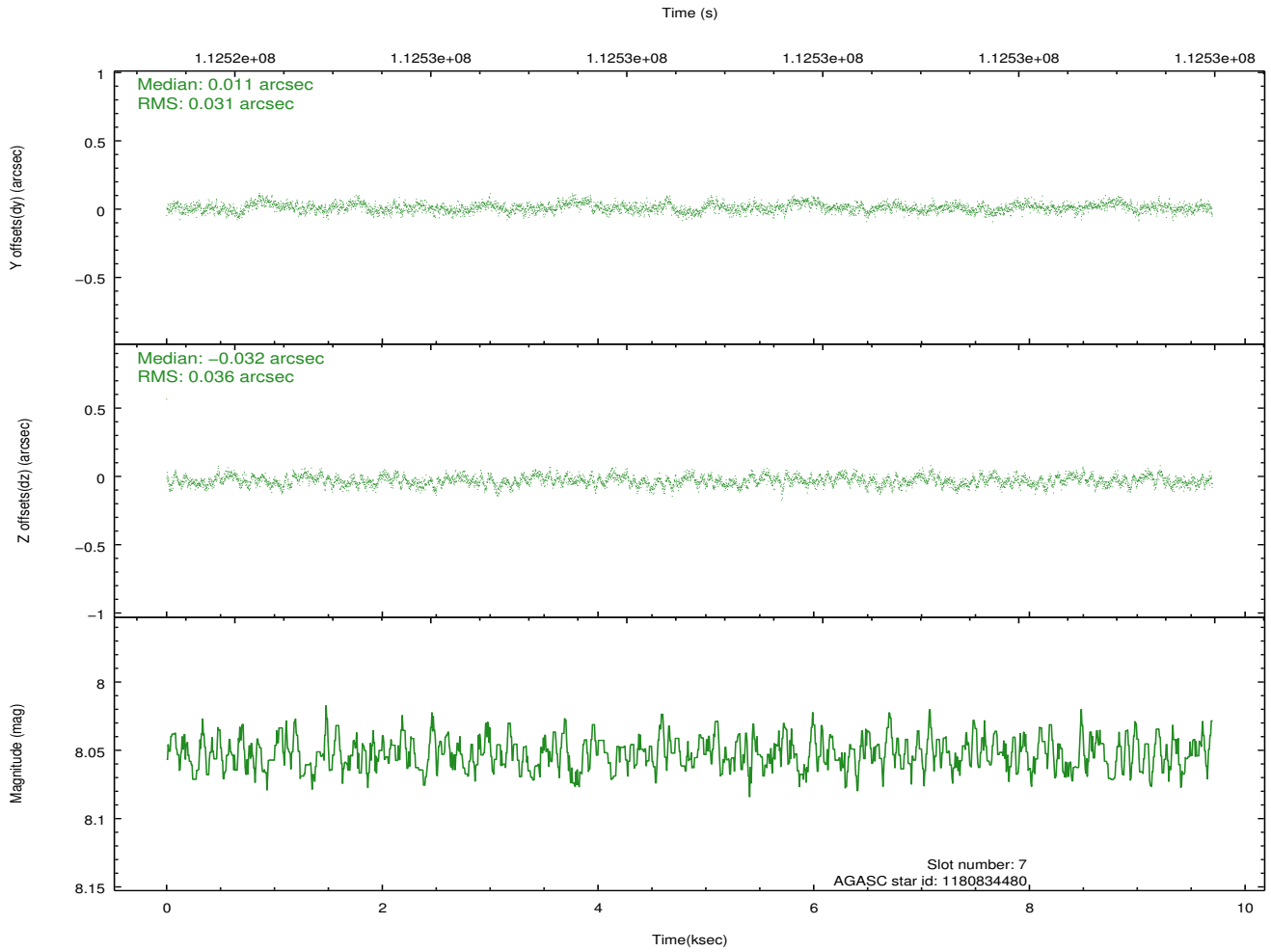
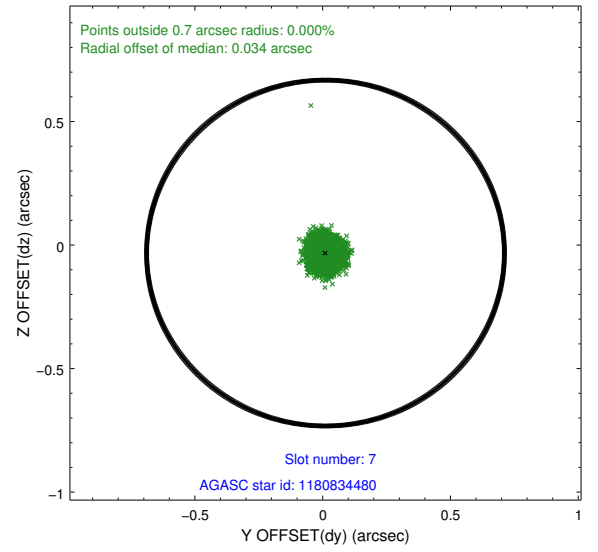
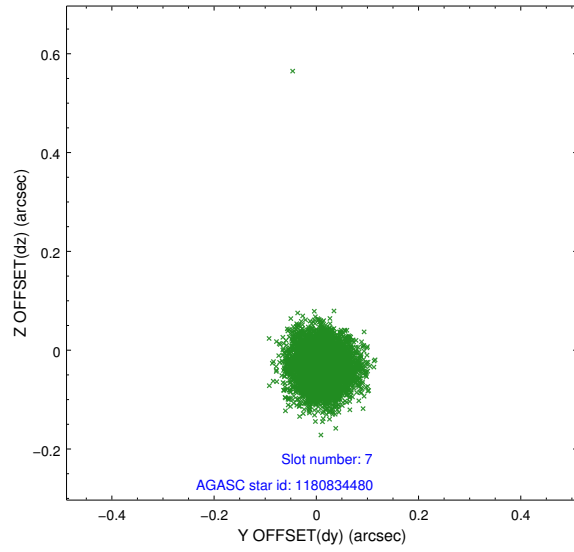
2.4.3 Slot 5



2.4.4 Slot 6

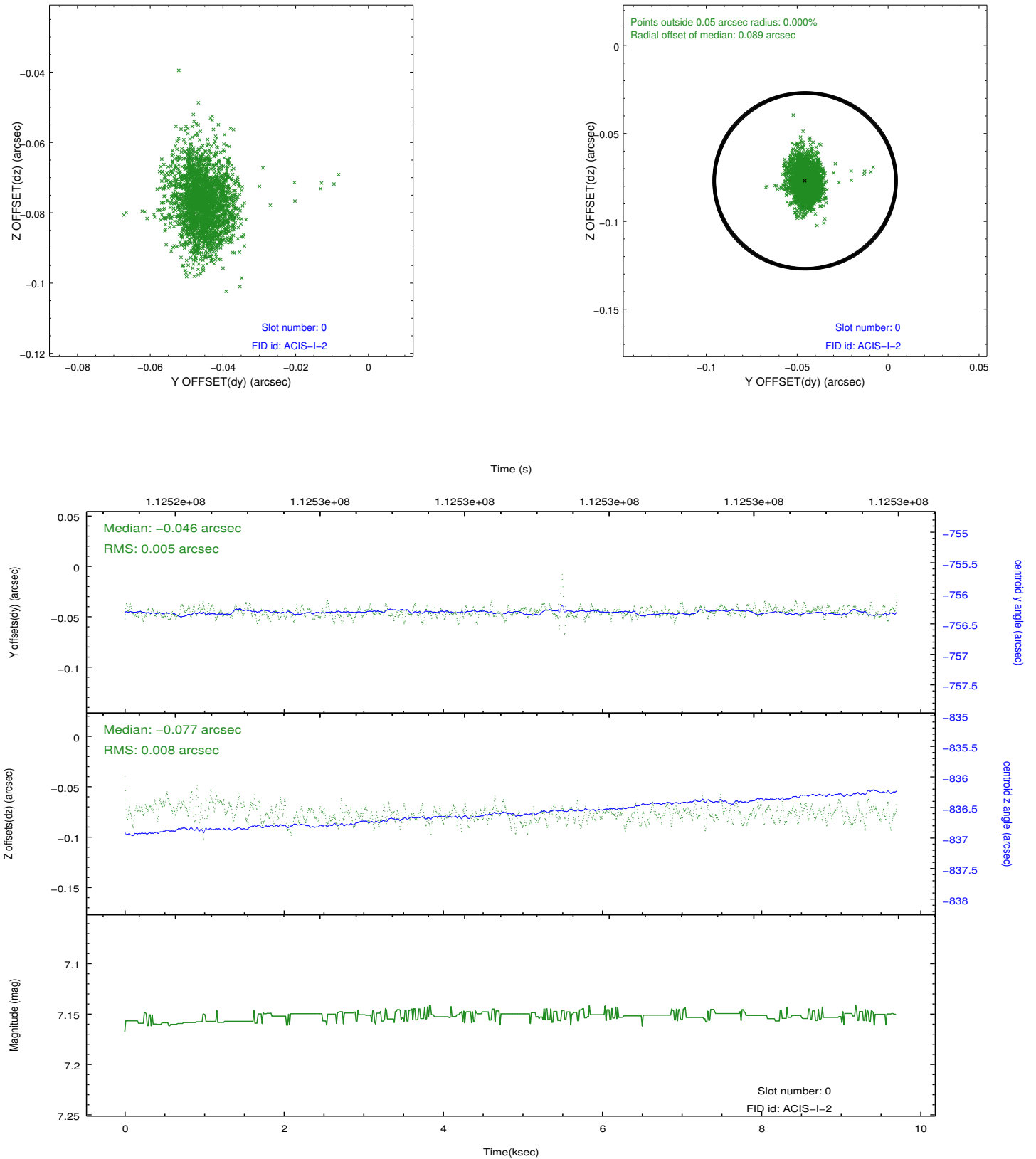


2.4.5 Slot 7

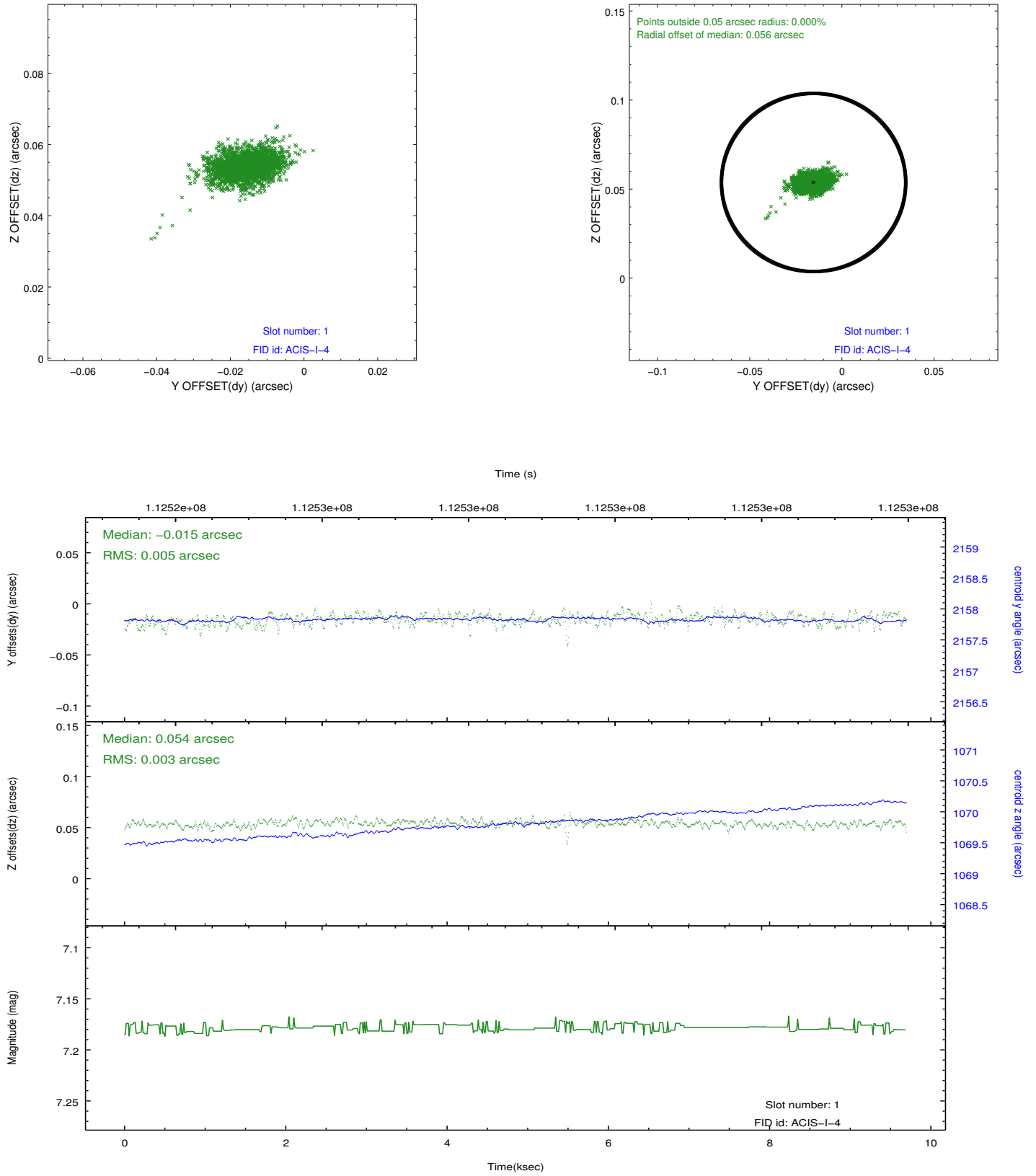


2.5 FID Slots

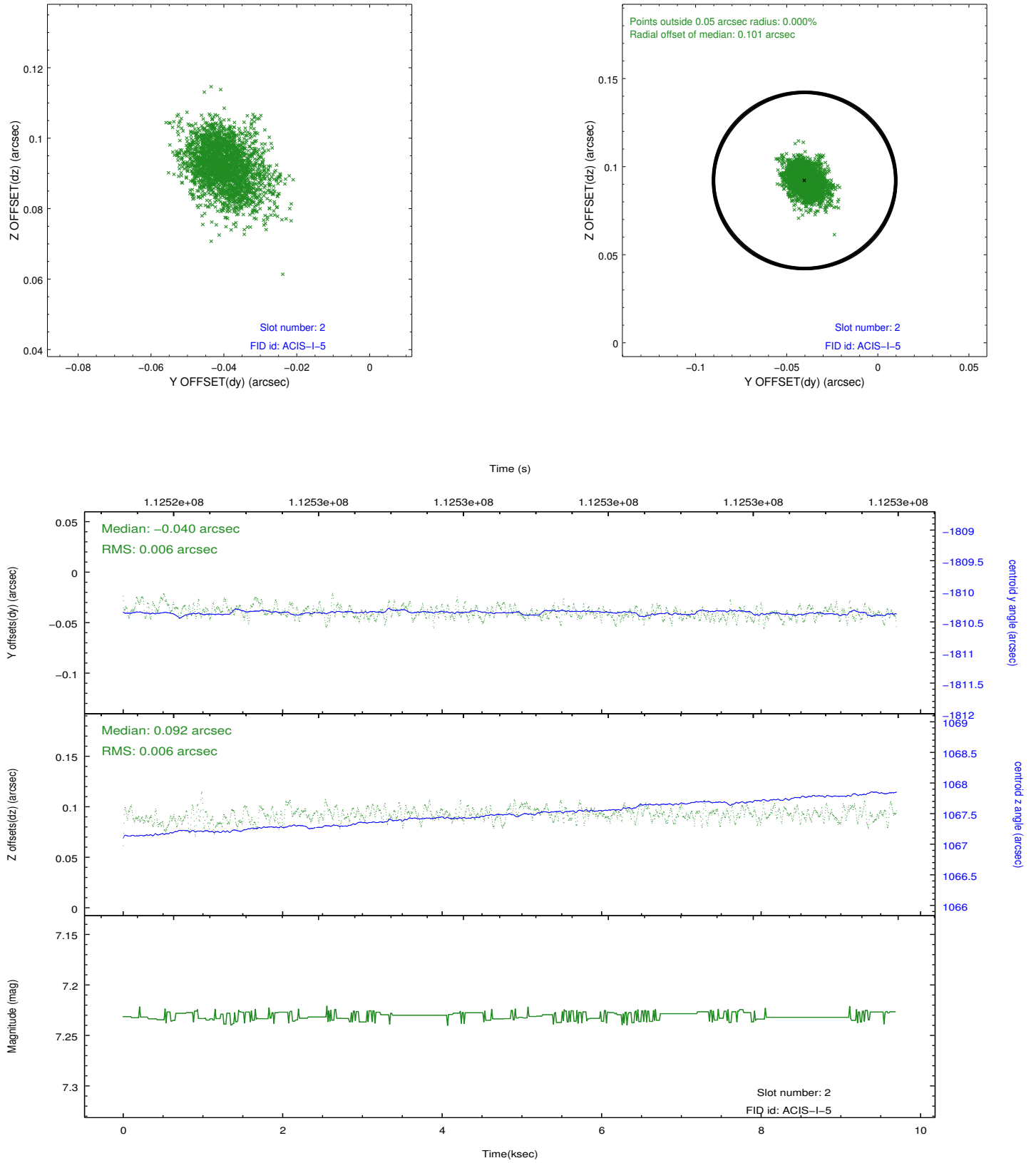
2.5.1 Slot 0



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)	2012.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.443

A.2 Comments