

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3106 - L2 Version 001
Chandra X-Ray Center

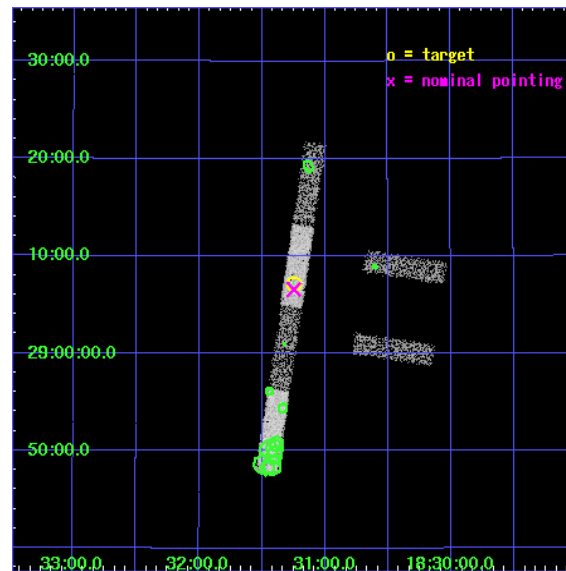
L2 Processing Date : Oct 5 2006

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1 Front

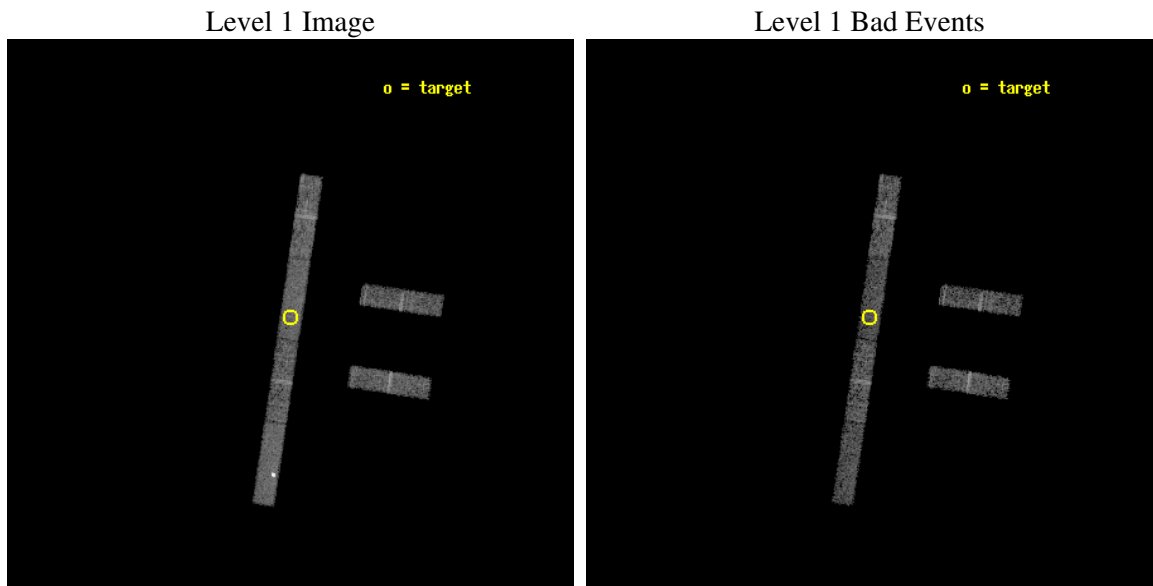
seq_num	700545
obs_id	3106
title	X-RAY IMAGING OF GPS AND CSS QUASARS
observer	Dr Aneta Siemiginowska
object	Q1829+290
dtcycle	0
cycle	P
ra_targ	277.812083
dec_targ	29.119472
ra_nom	277.81184535007
dec_nom	29.109760619584
roll_nom	278.52392077117
revision	2
ontime	5486.7999702692
livetime	5289.4552051603
ontime2	5486.7999702692
ontime3	5486.7999702692
ontime5	5486.7999702692
ontime6	5486.7999702692
ontime7	5486.7999702692
ontime8	5486.7999702692
l2events	14778



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-05T21:58:40
revision	2

sched_exp_time	5200.000000
ontime	5489.4754875898
ontime2	5489.4754875898
ontime3	5490.6164976358
ontime5	5490.6165275872
ontime6	5490.6165275872
ontime7	5489.4754875898
ontime8	5490.6165275872
l1events	77858

2.1.4 Events

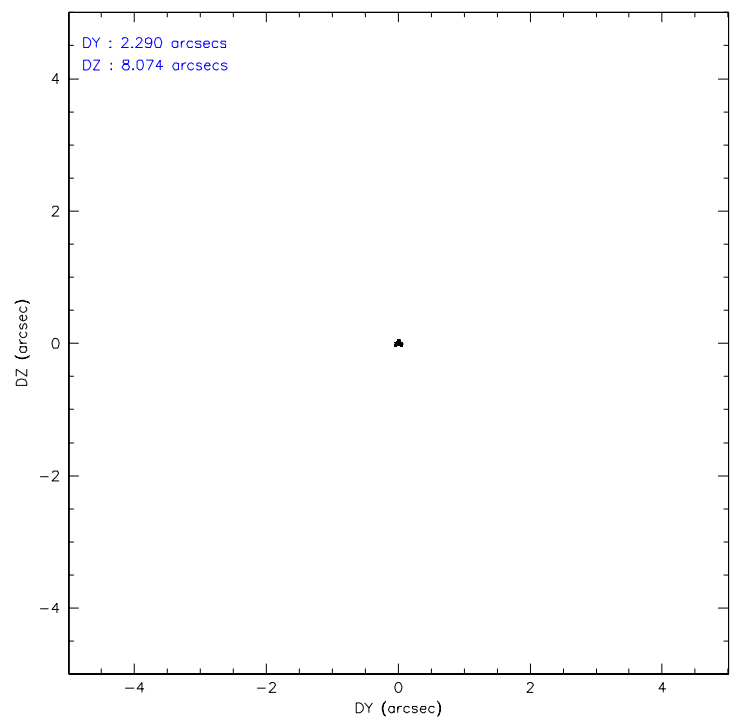
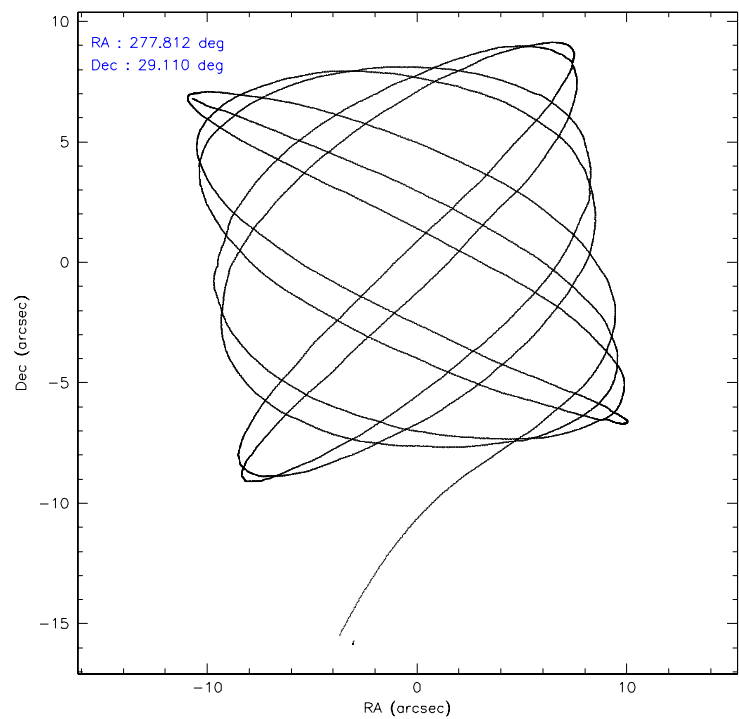
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11719	10376	17479	11297	12615	14372
rejected events	10490	9169	7327	10074	7493	11732
rejected %	89%	88%	41%	89%	59%	81%

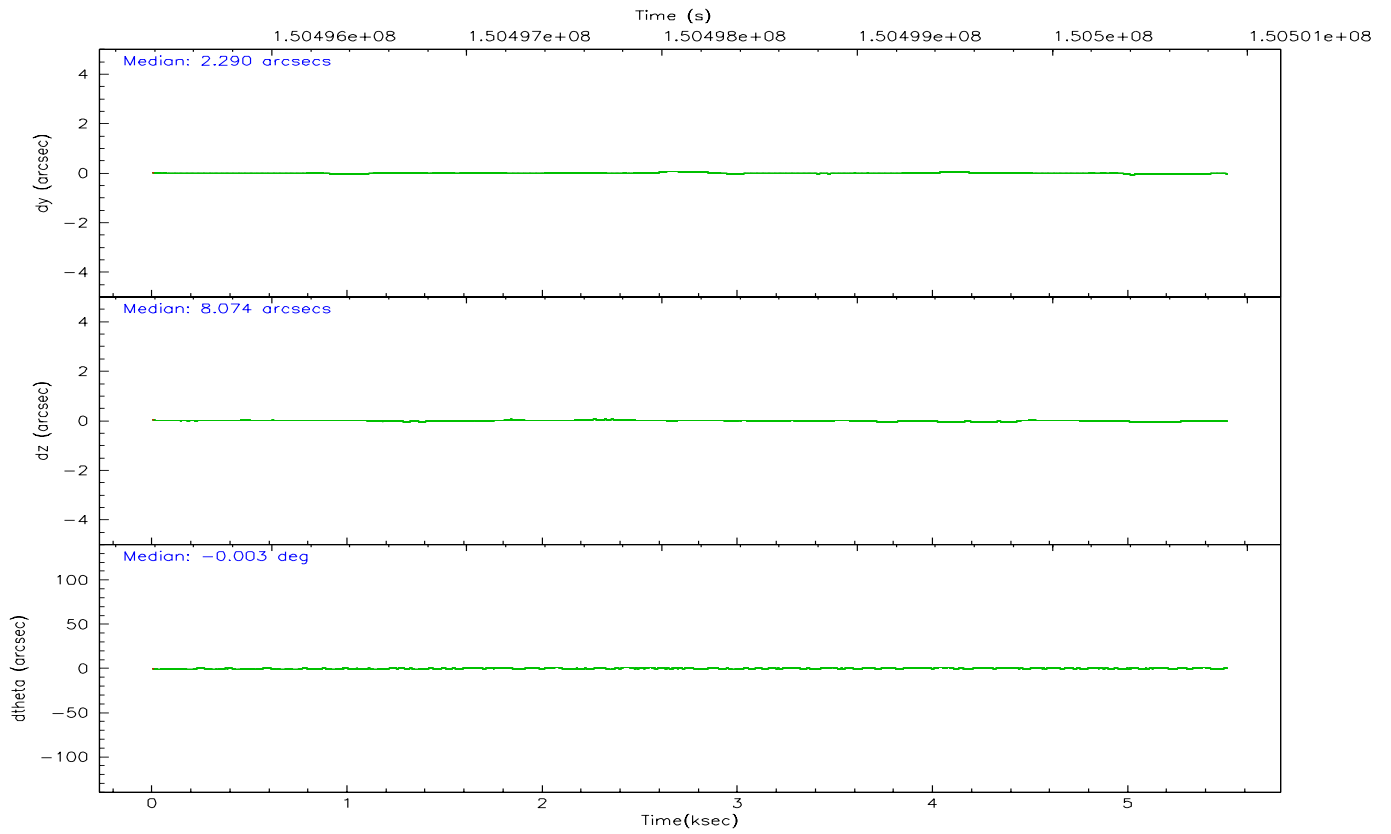
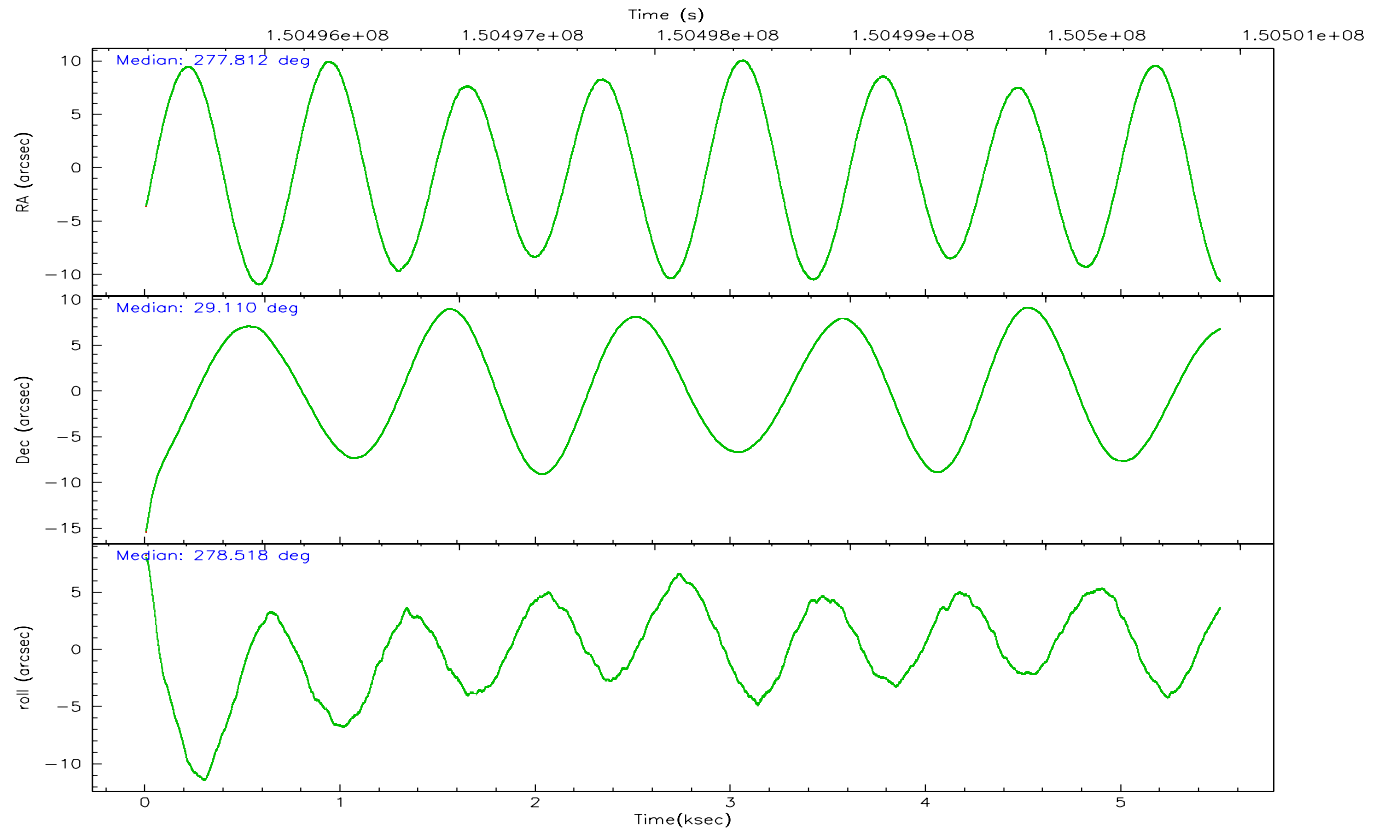
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	469	487	3963	459	339	726
	4%	4%	22%	4%	2%	5%
grade 1 events	8	5	8	5	9	4
	0%	0%	0%	0%	0%	0%
grade 2 events	220	160	2299	222	1223	578
	1%	1%	13%	1%	9%	4%
grade 3 events	180	164	352	158	384	298
	1%	1%	2%	1%	3%	2%
grade 4 events	164	173	178	168	398	299
	1%	1%	1%	1%	3%	2%
grade 5 events	357	378	667	405	907	553
	3%	3%	3%	3%	7%	3%
grade 6 events	196	225	3367	217	2779	740
	1%	2%	19%	1%	22%	5%
grade 7 events	10125	8784	6645	9663	6576	11174
	86%	84%	38%	85%	52%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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
Pointing RA	277.792025	277.8118453500747	Subarray requested	1/4	1/4
Pointing Dec	29.130877	29.1097606195845	Subarray start row	0	385
Pointing Roll	278.376922	278.5239207711722	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.1
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	150495704.184000	150494680.83955			
Observation start date	2002-10-08T20:20:40	2002-10-08T20:04:40			
Observation end time	150500904.184000	150501516.56483			
Observation end date	2002-10-08T21:47:20	2002-10-08T21:58:36			
Read mode	TIMED	TIMED			

2.3 Aspect



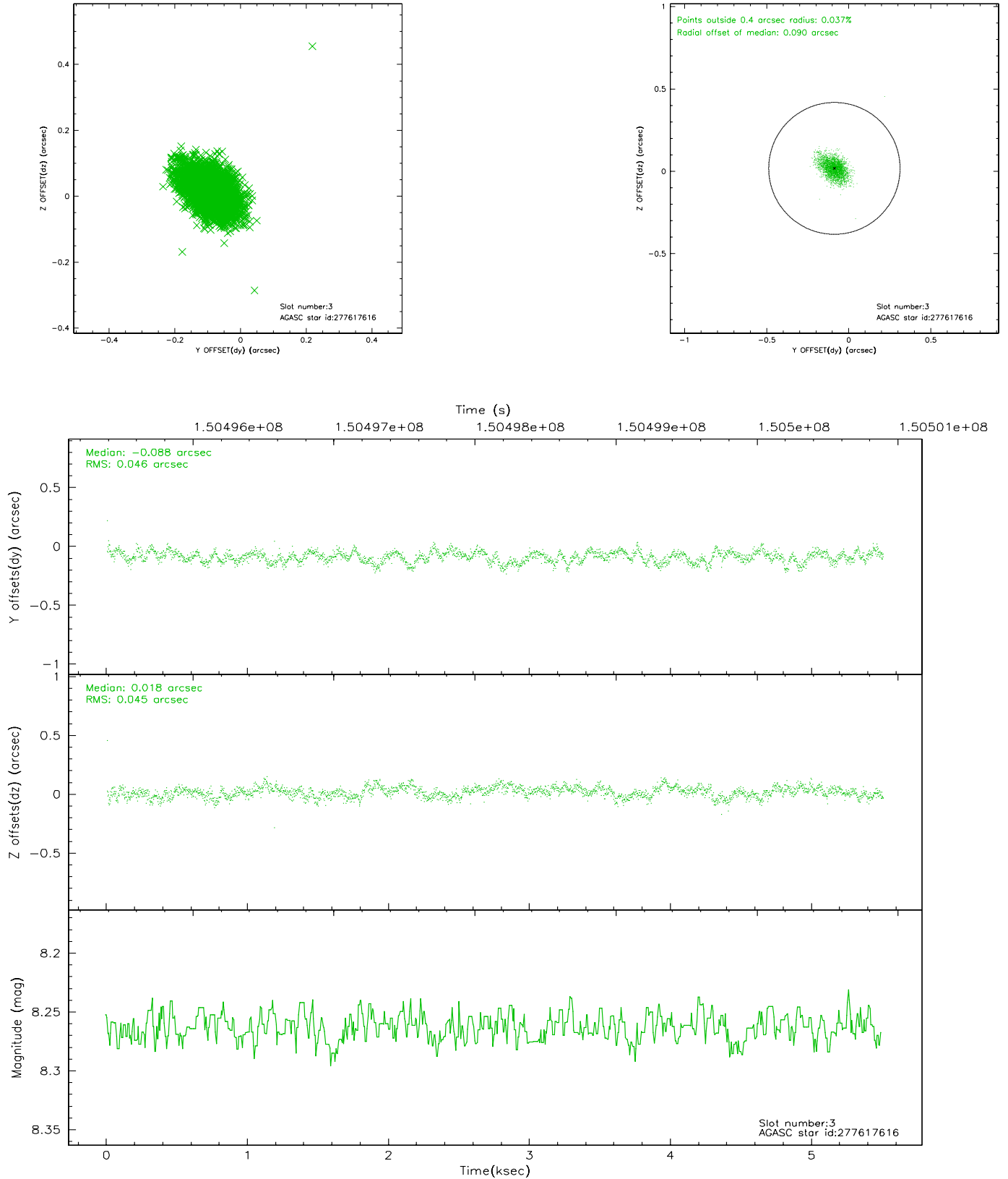


Slot Statistics

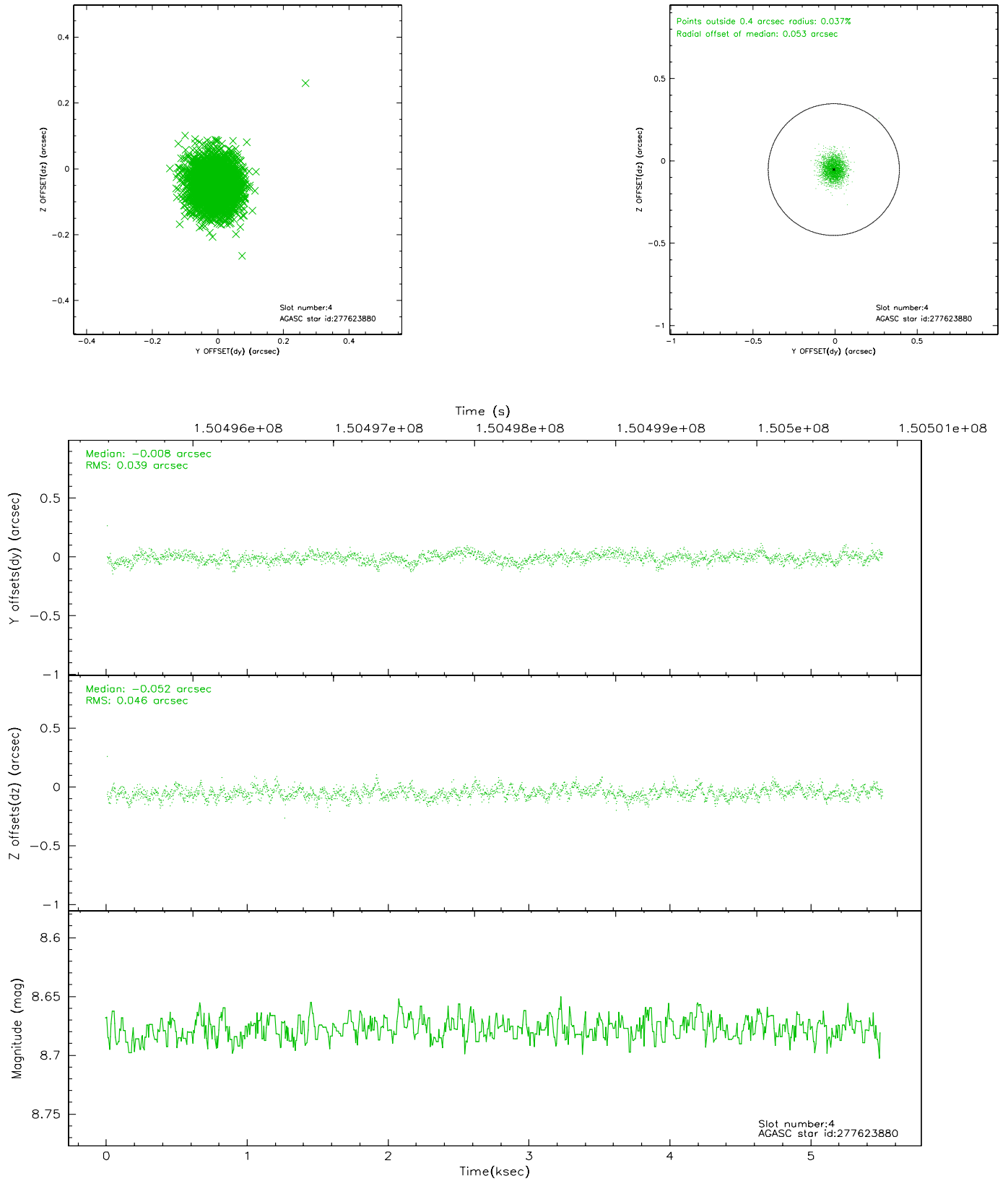
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.35	1343	-0.063	-0.010	0.009	0.016	0.000000	0.000000	58.18	-1858.34
1	FID	ACIS-S-4	7.20	1343	-0.046	0.038	0.009	0.024	0.000000	0.000000	2158.44	177.98
2	FID	ACIS-S-5	7.24	1343	0.080	-0.018	0.009	0.021	0.000000	0.000000	-1806.27	173.03
3	GUIDE	277617616	8.26	2686	-0.088	0.018	0.066	0.113	277.174618	28.796241	903.98	-2101.40
4	GUIDE	277623880	8.68	2685	-0.008	-0.052	0.063	0.104	277.233840	29.449625	-1393.04	-1564.07
5	GUIDE	277744296	8.60	2683	0.144	0.078	0.085	0.134	278.621811	28.756164	1707.25	2395.71
6	GUIDE	277747144	9.01	2683	0.049	0.103	0.082	0.131	278.532178	28.667905	1983.62	2072.80
7	GUIDE	277620192	9.30	2683	-0.090	-0.148	0.106	0.170	277.217449	29.725456	-2382.16	-1464.05

2.4 Star Slots

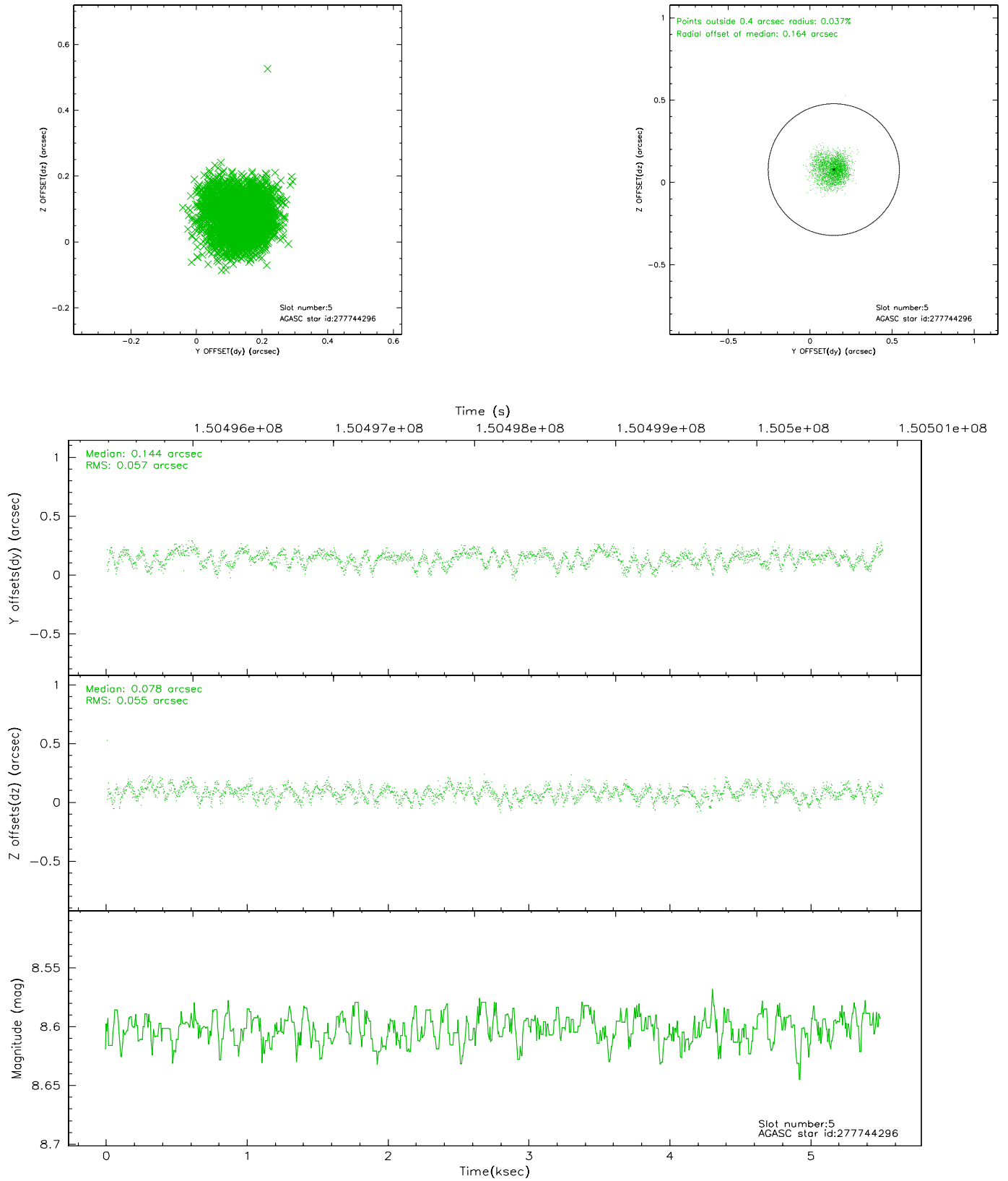
2.4.1 Slot 3



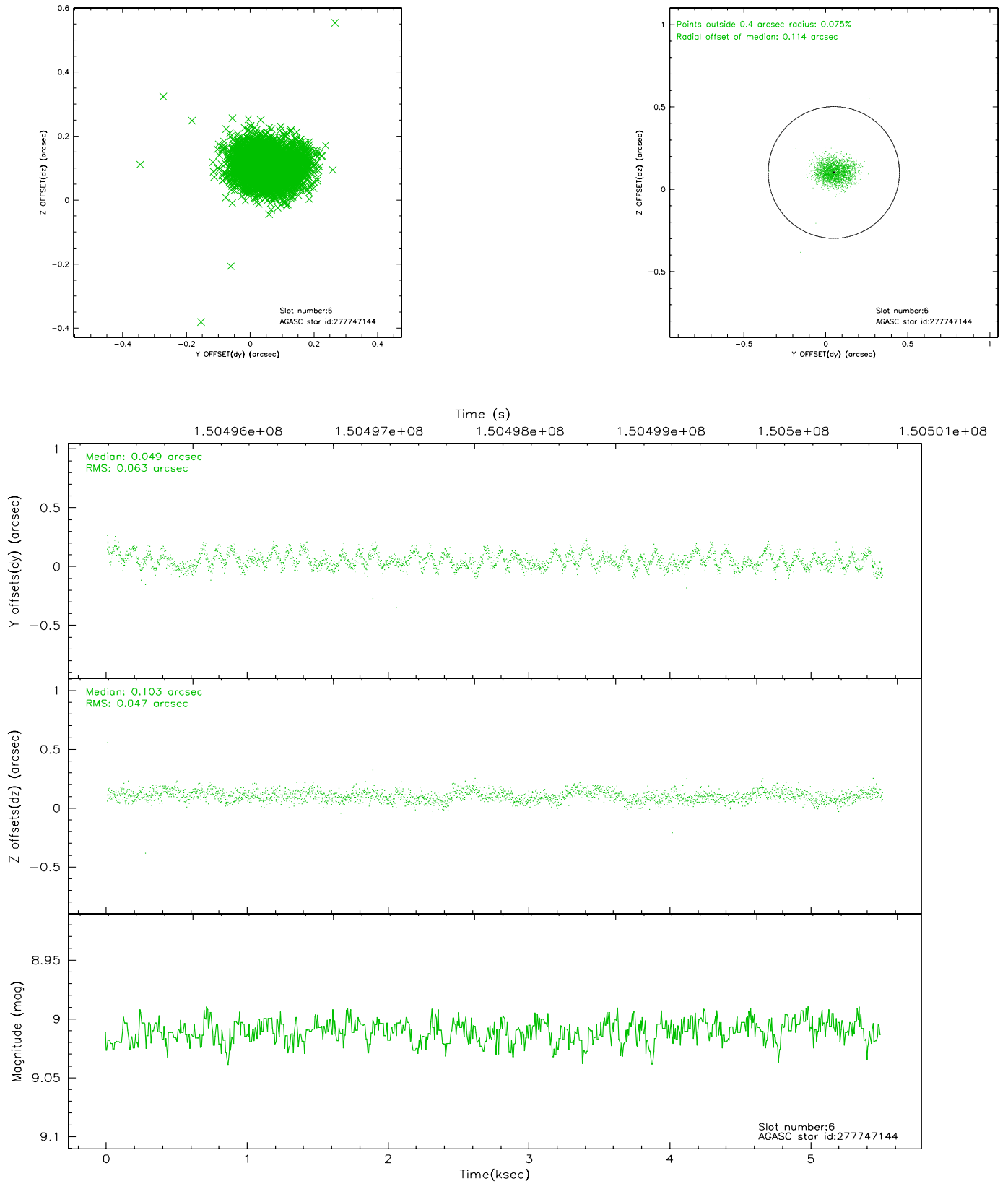
2.4.2 Slot 4



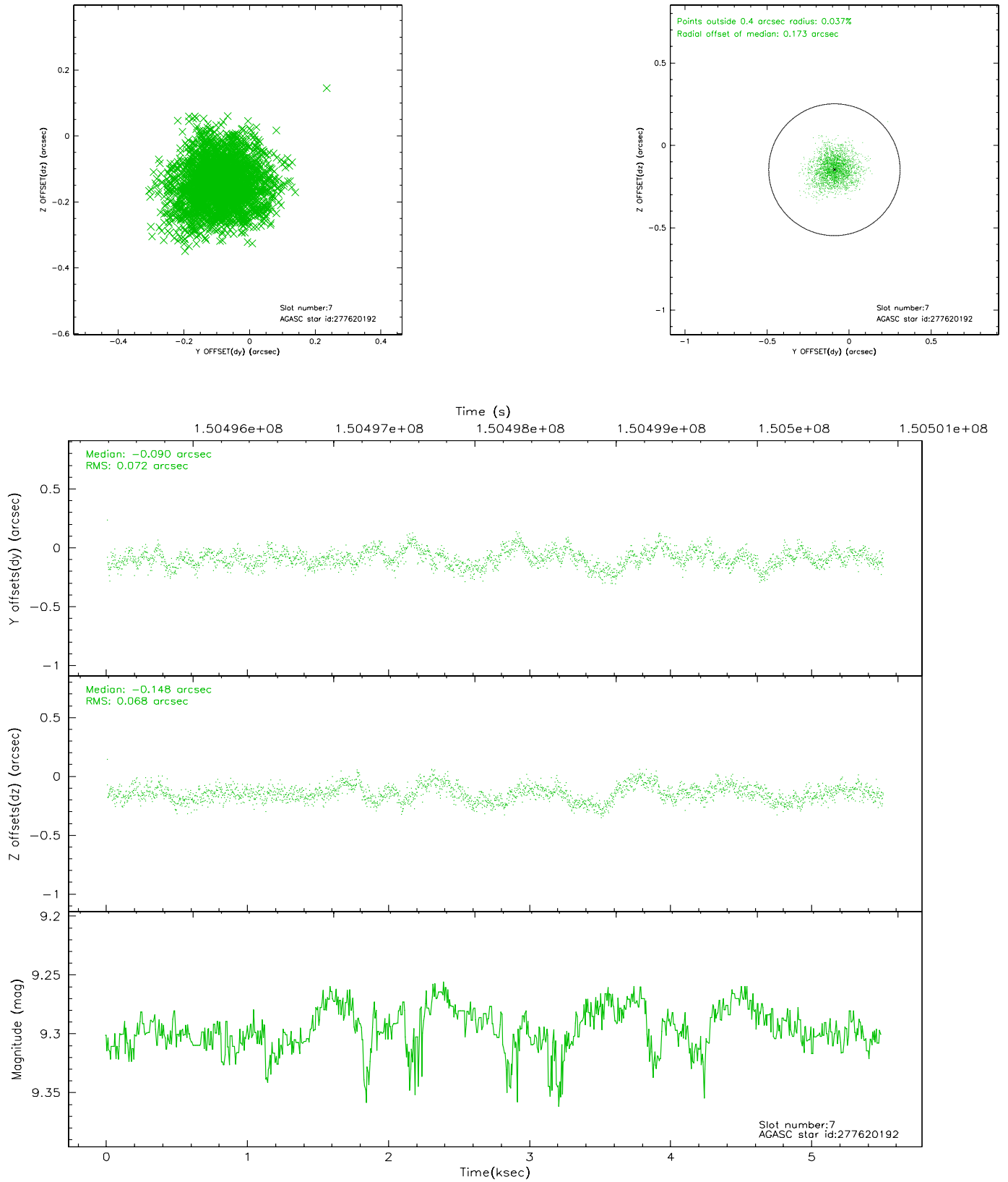
2.4.3 Slot 5



2.4.4 Slot 6

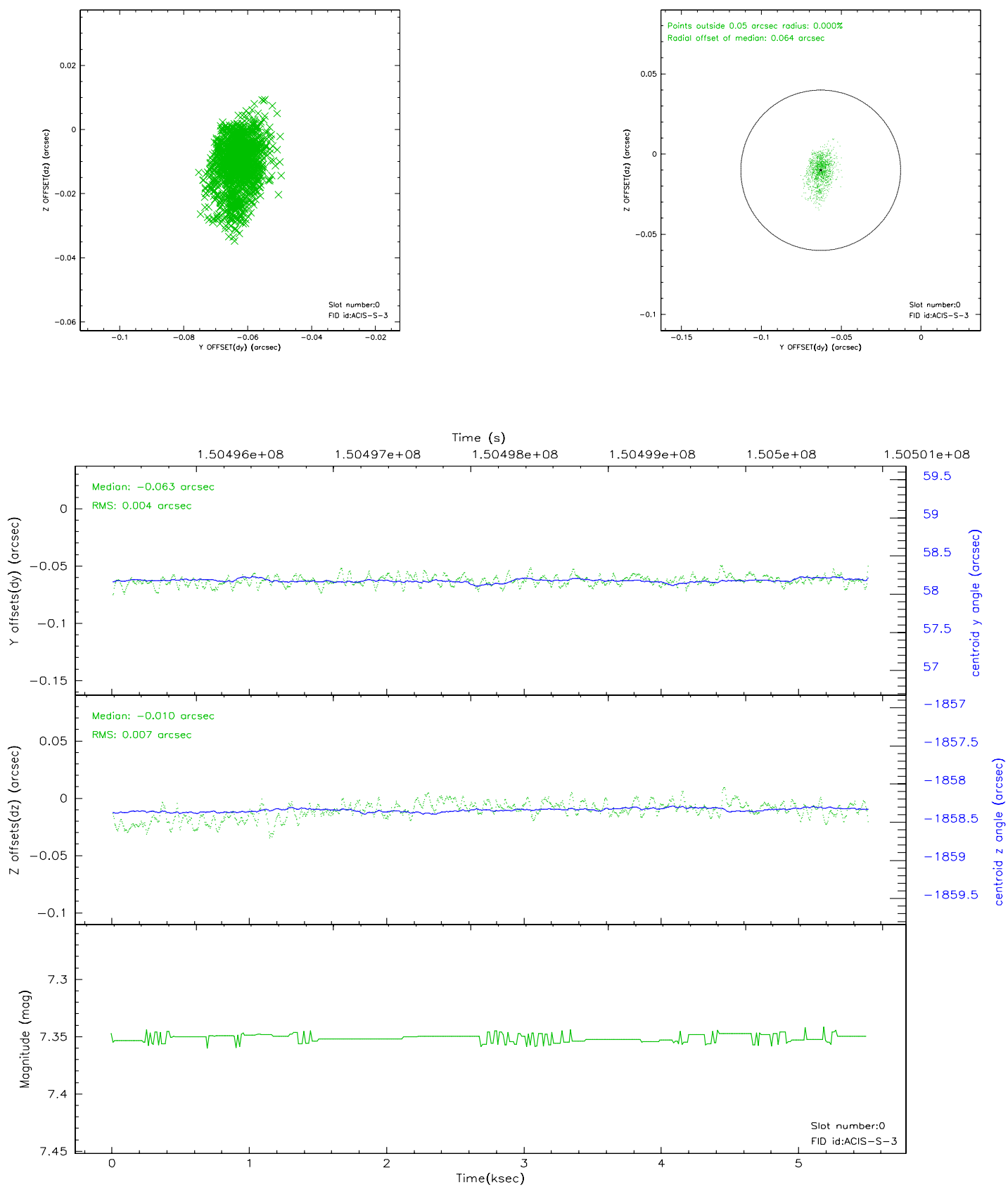


2.4.5 Slot 7

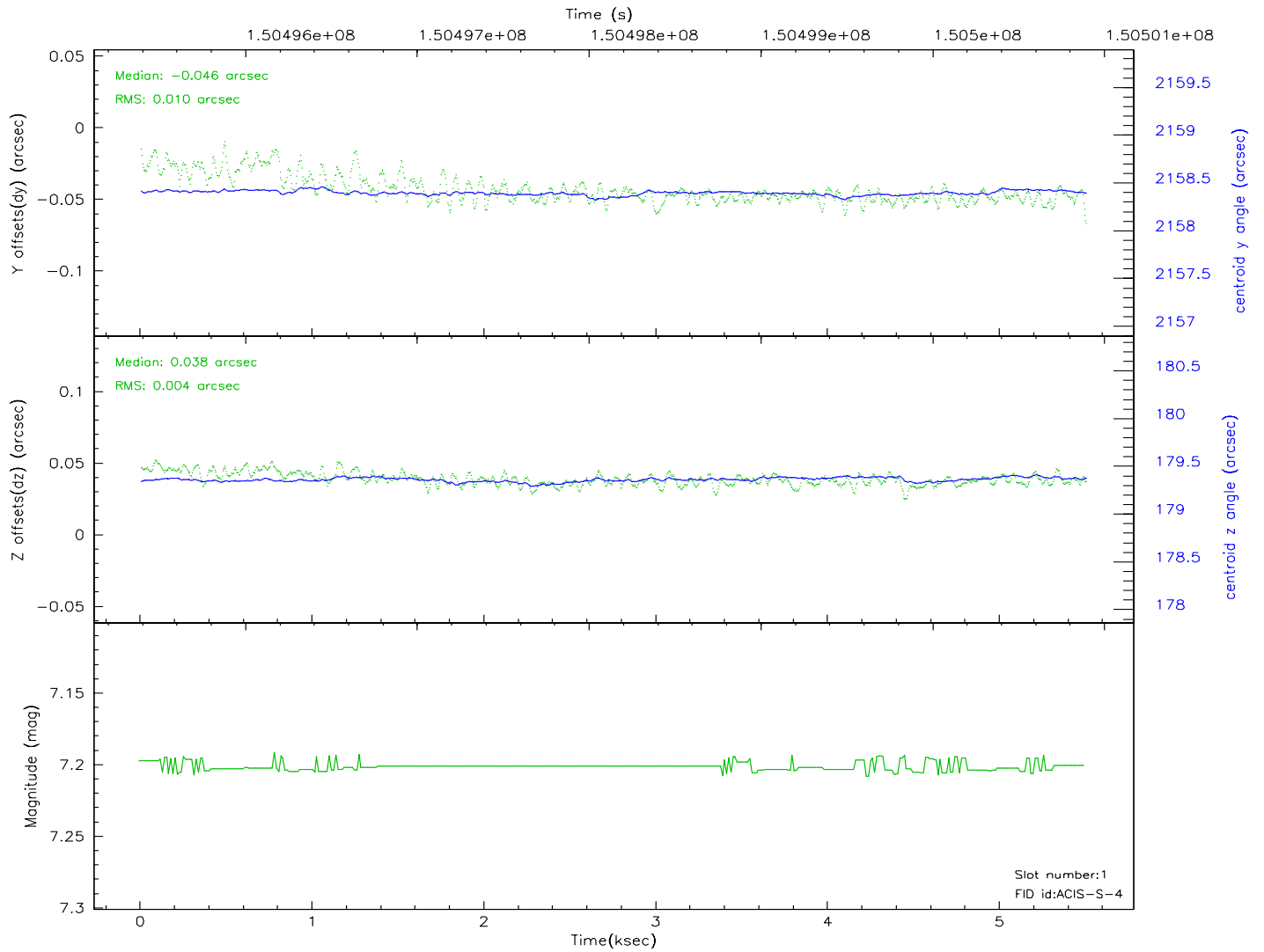
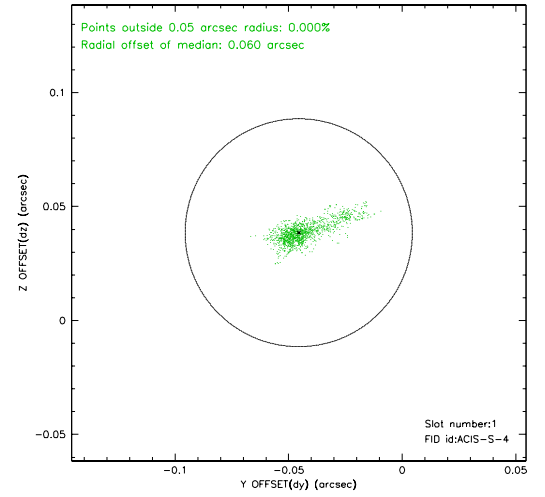
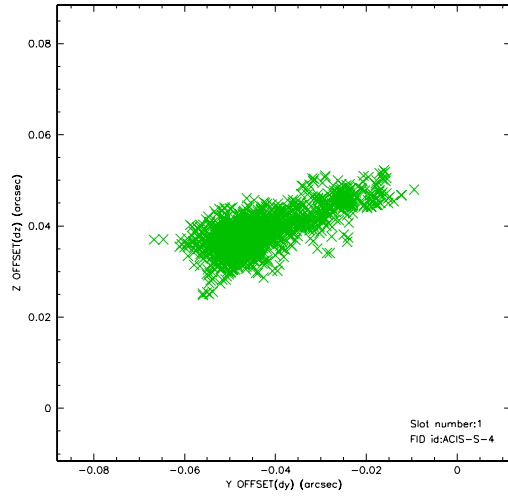


2.5 FID Slots

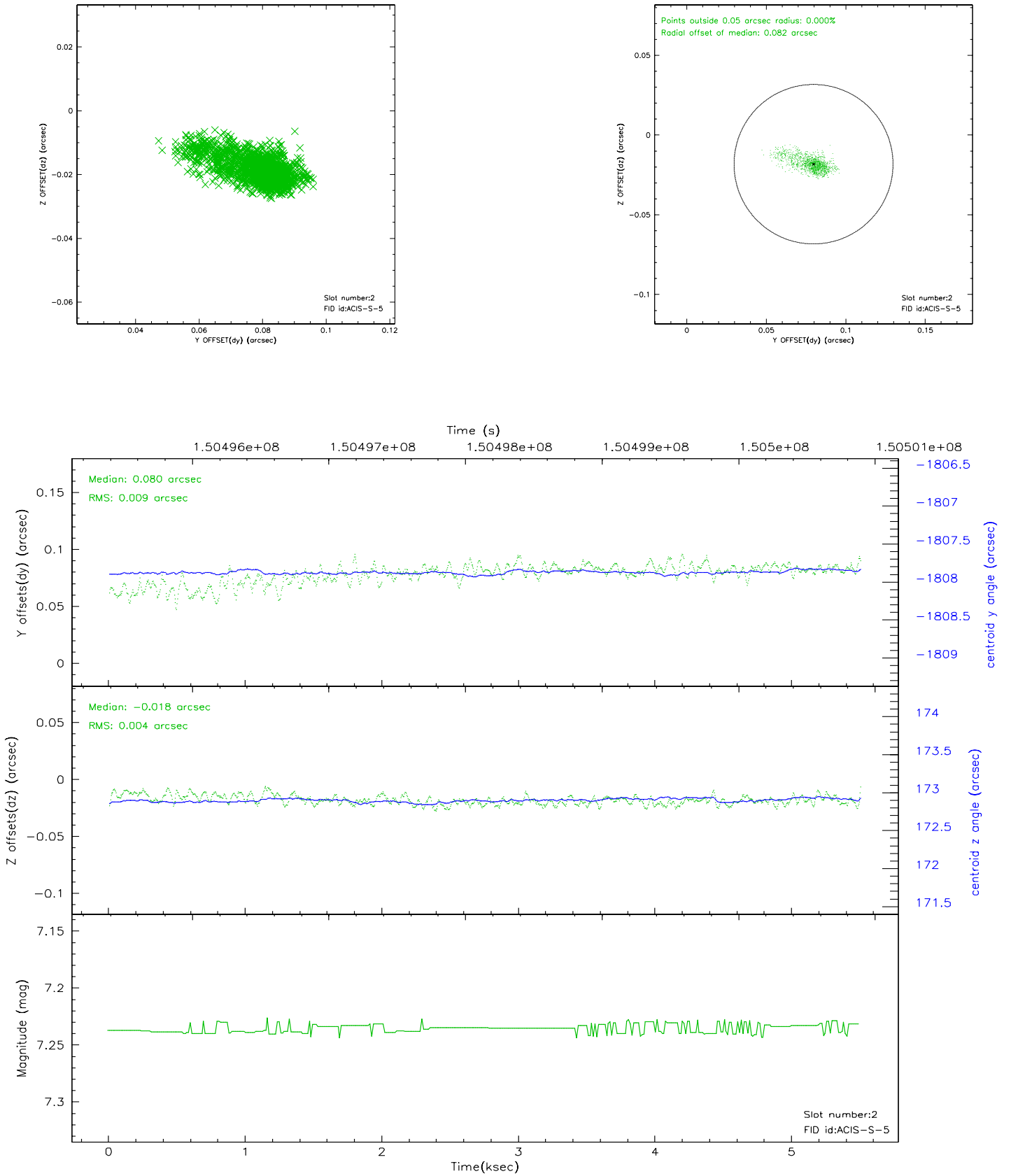
2.5.1 Slot 0



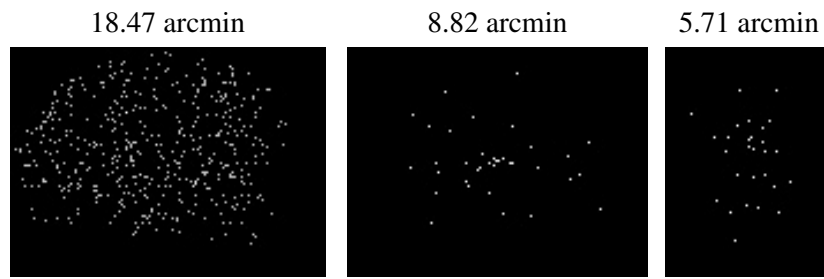
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.487

A.2 Comments