

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2799 - L2 Version 001
Chandra X-Ray Center

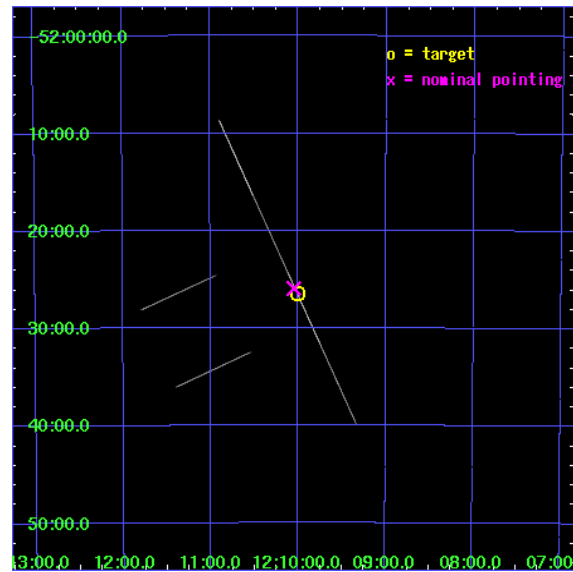
L2 Processing Date : Aug 25 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

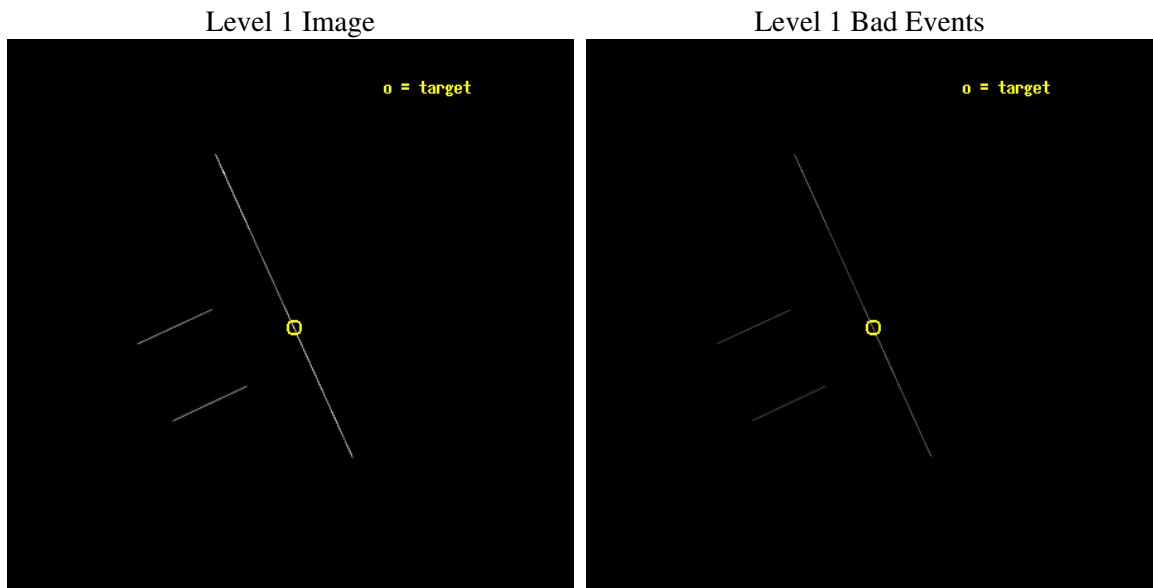
seq_num	500249
obs_id	2799
title	THE ENIGMATIC X-RAY PULSATOR IN THE PKS 1209-51/52 SUPERNOVA REMNANT
observer	Dr. Vyacheslav Zavlin
object	1E1207.4-5209
ra_targ	182.503333
dec_targ	-52.440306
ra_nom	182.5124436447
dec_nom	-52.432335180615
roll_nom	65.334068243882
revision	2
ontime	30394.04204163
livetime	30275.315314904
ontime2	30395.5
ontime3	30395.5
ontime5	30394.042043075
ontime6	30395.5
ontime7	30394.04204163
ontime8	30395.5
l2events	367602



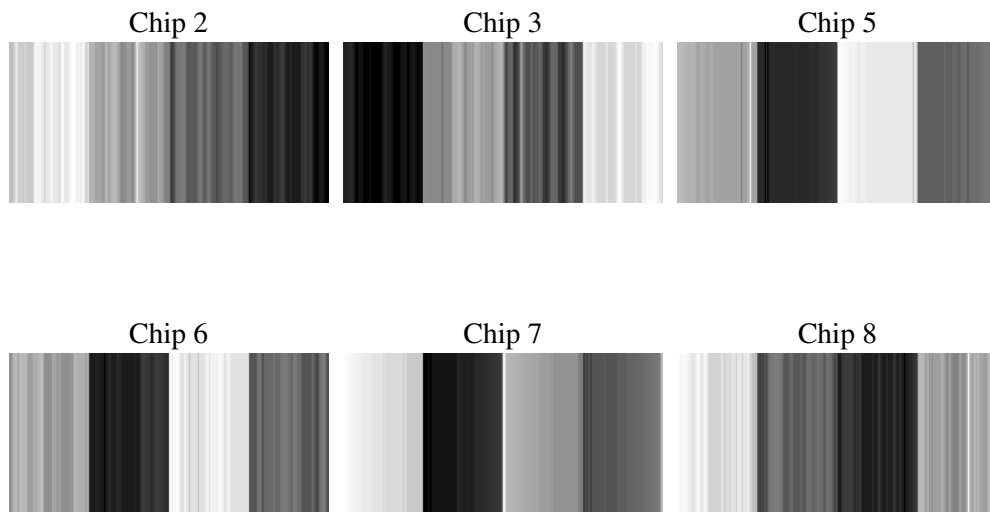
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-25T22:11:43
revision	2

sched_exp_time	30000.000000
ontime	31061.605842277
ontime2	31063.016553596
ontime3	31064.554581806
ontime5	31061.606734052
ontime6	31063.064252198
ontime7	31061.605842277
ontime8	31064.522033989
l1events	609629

2.1.4 Events

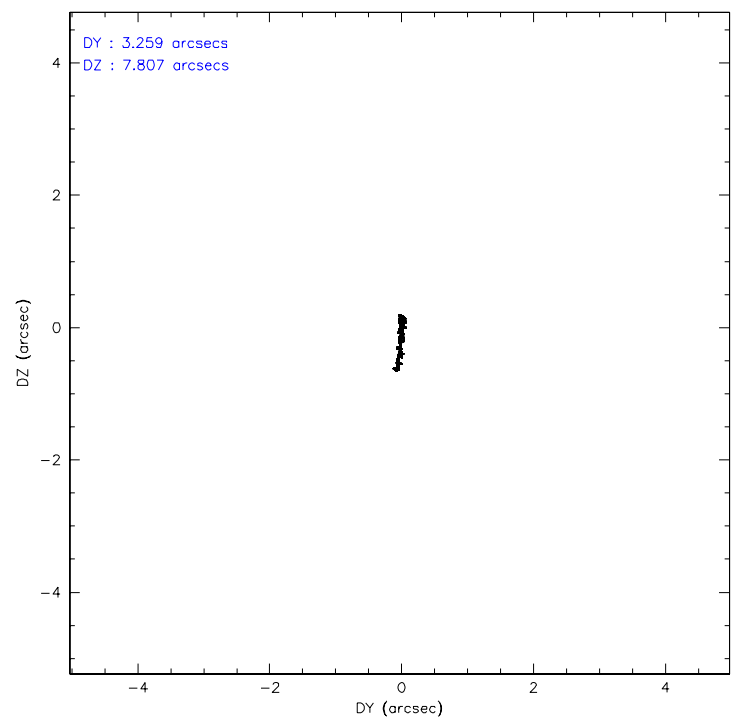
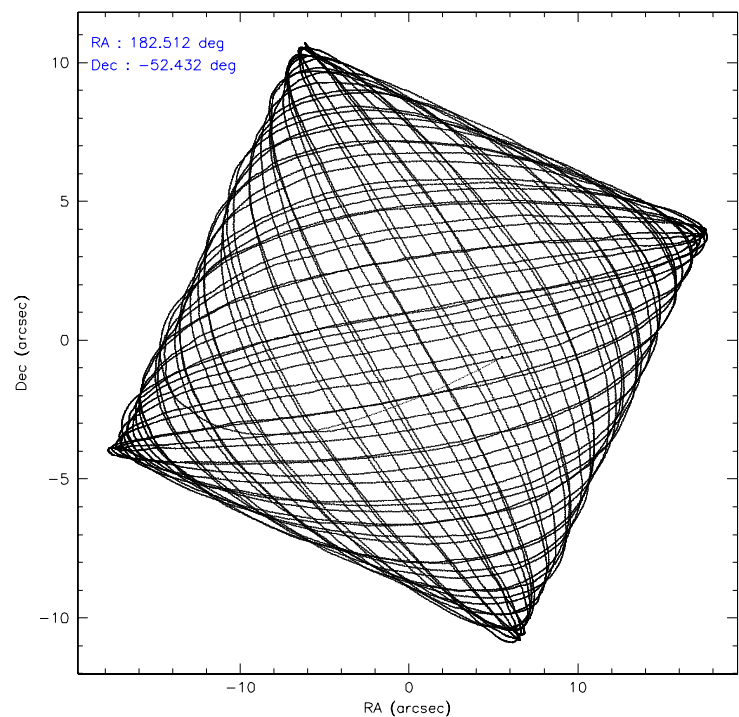
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	42081	45229	205280	42221	143600	131218
rejected events	7208	7518	18821	8274	20481	13304
rejected %	17%	16%	9%	19%	14%	10%

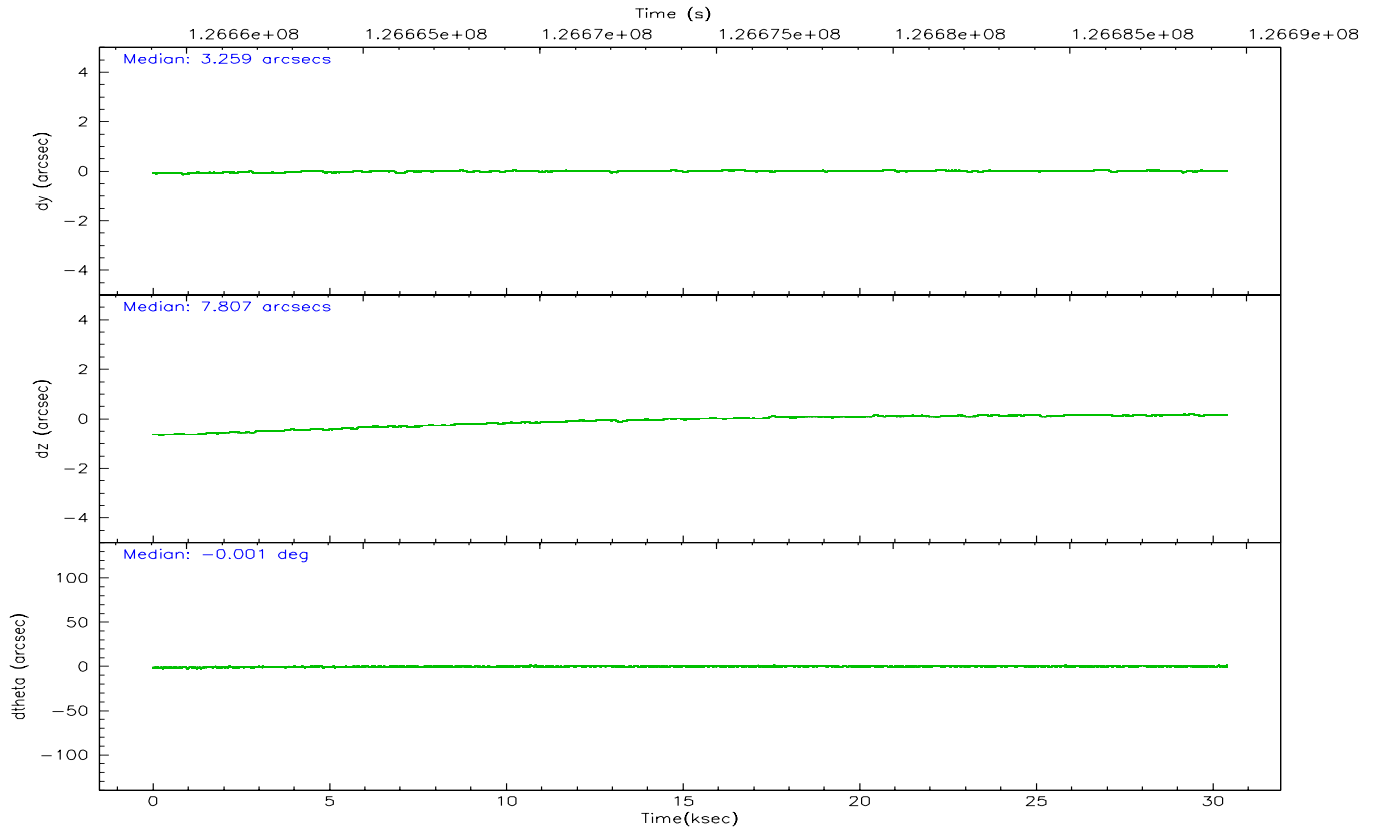
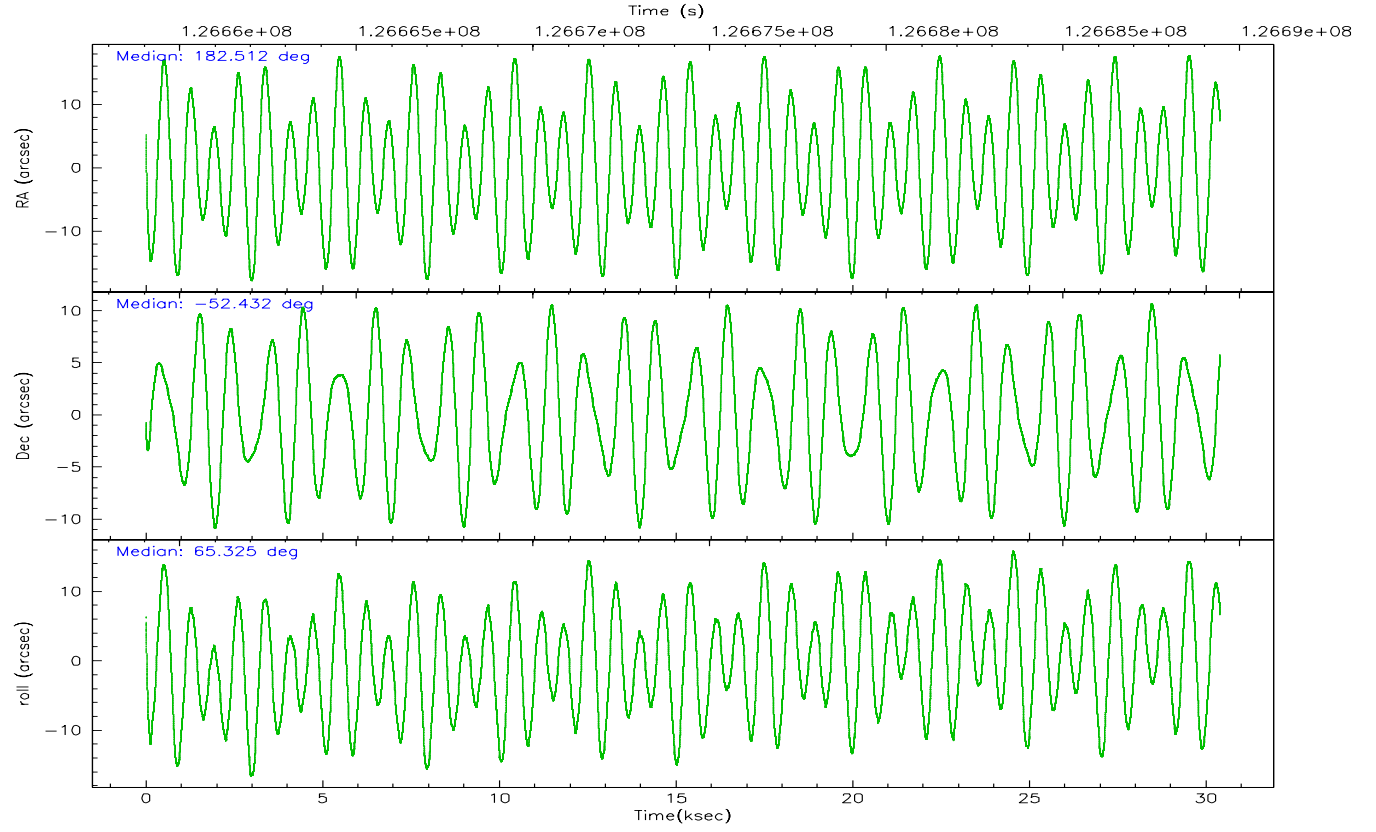
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5784	6148	58390	4210	14578	31580
	13%	13%	28%	9%	10%	24%
grade 1 events	142	132	226	117	220	438
	0%	0%	0%	0%	0%	0%
grade 2 events	14397	15743	48910	13946	33167	24749
	34%	34%	23%	33%	23%	18%
grade 3 events	4315	5030	3479	4494	7247	21183
	10%	11%	1%	10%	5%	16%
grade 4 events	4445	4367	3306	4344	6968	19071
	10%	9%	1%	10%	4%	14%
grade 5 events	6402	6643	14308	7449	17907	10581
	15%	14%	6%	17%	12%	8%
grade 6 events	6596	7166	76661	7661	63513	23616
	15%	15%	37%	18%	44%	17%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	182.517135	182.5124436447012	Alternating exposures requested	N	N
Pointing Dec	-52.459439	-52.43233518061481	Primary exposure time	0.000000	0
Pointing Roll	65.181164	65.33406824388175			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	126659451.184000	126658369.44154			
Observation start date	2002-01-05T23:09:47	2002-01-05T22:52:49			
Observation end time	126689451.184000	126690011.70531			
Observation end date	2002-01-06T07:29:47	2002-01-06T07:40:11			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



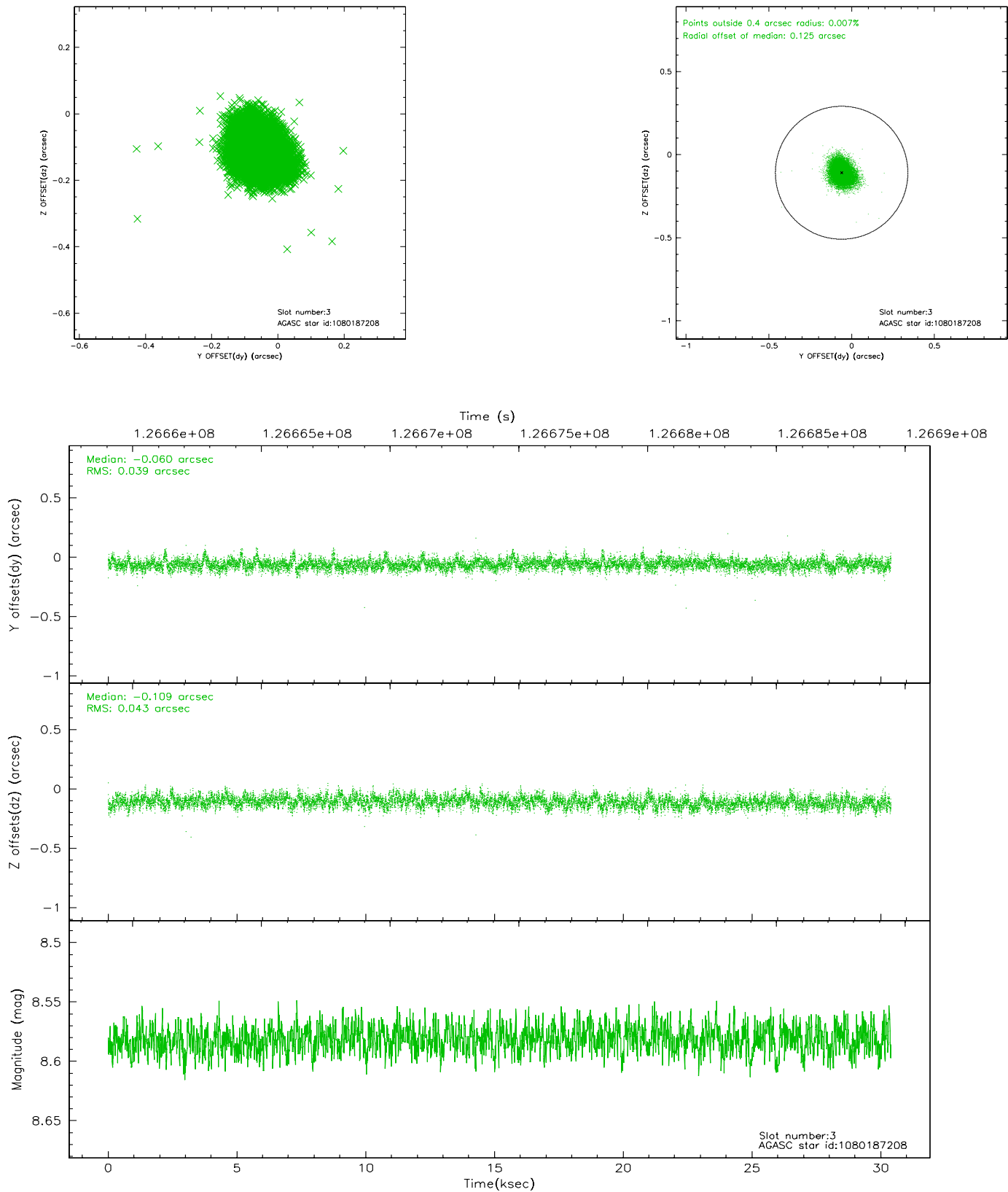


Slot Statistics

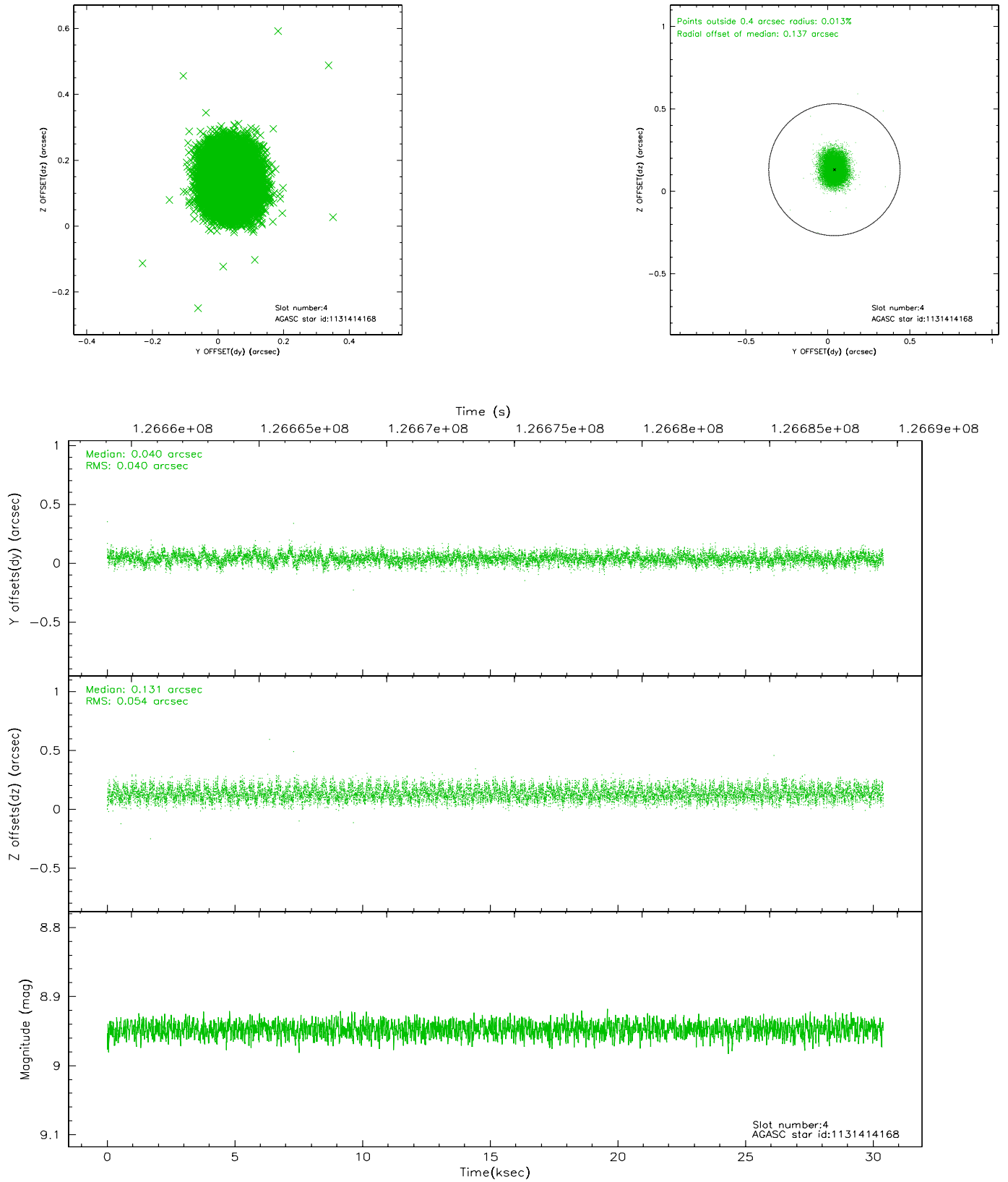
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	7415	-0.045	-0.012	0.014	0.029	0.000000	0.000000	57.17	-1857.92
1	FID	ACIS-S-5	7.24	7415	0.058	-0.020	0.006	0.011	0.000000	0.000000	-1808.87	173.11
2	FID	ACIS-S-6	7.36	7415	-0.035	0.040	0.014	0.031	0.000000	0.000000	405.64	817.07
3	GUIDE	1080187208	8.58	14828	-0.060	-0.109	0.061	0.100	182.421317	-51.851770	1895.94	1111.27
4	GUIDE	1131414168	8.95	14823	0.040	0.131	0.072	0.114	183.224863	-52.915912	-852.87	-2087.81
5	GUIDE	1131419104	8.55	14823	0.185	-0.097	0.076	0.121	181.819570	-52.704202	-1444.99	1007.15
6	GUIDE	1080164440	8.96	14822	-0.058	-0.129	0.073	0.119	181.986340	-52.264623	141.60	1353.47
7	GUIDE	1080309976	9.40	14799	-0.108	0.204	0.105	0.182	183.762069	-52.214320	1932.55	-2131.81

2.4 Star Slots

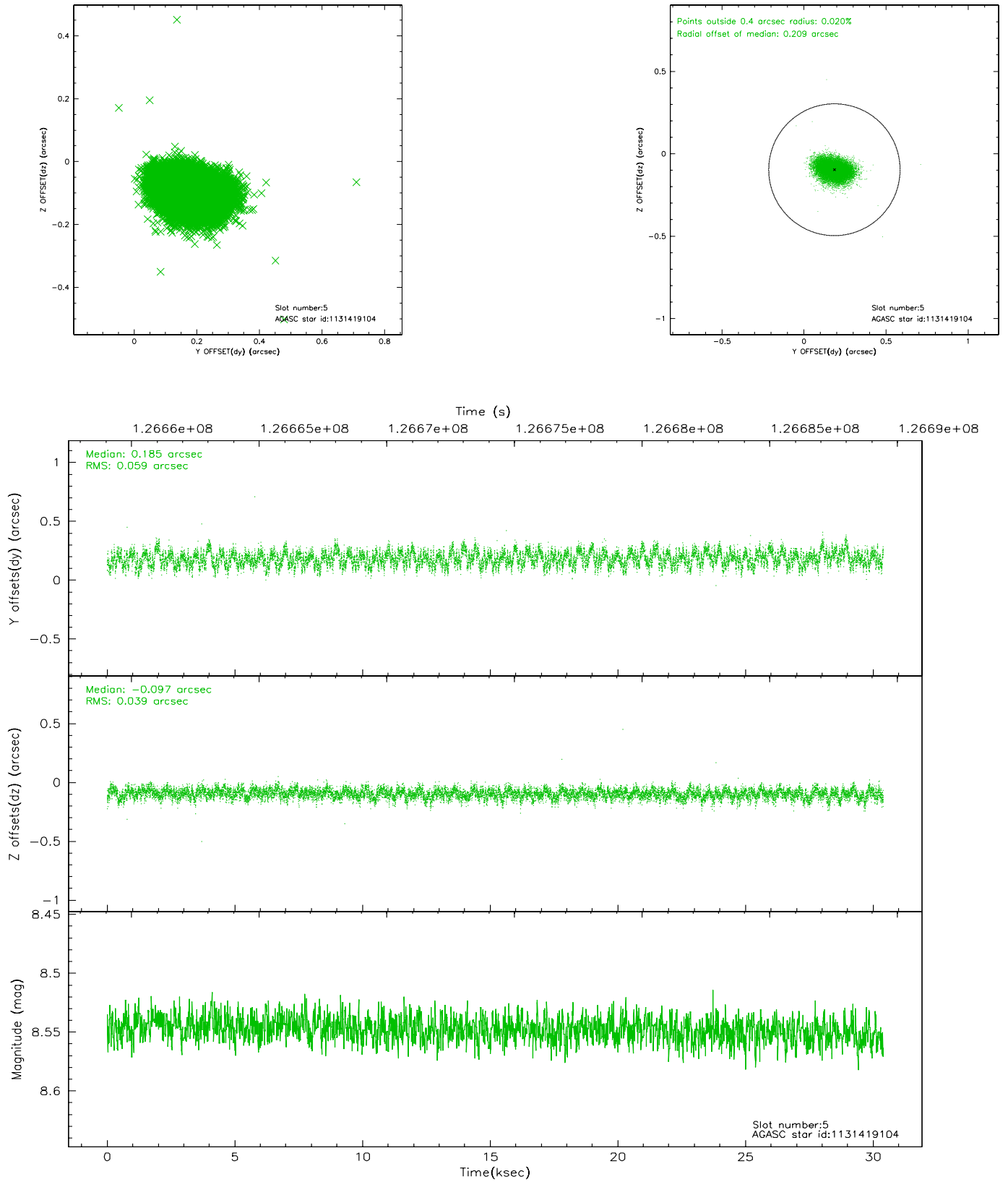
2.4.1 Slot 3



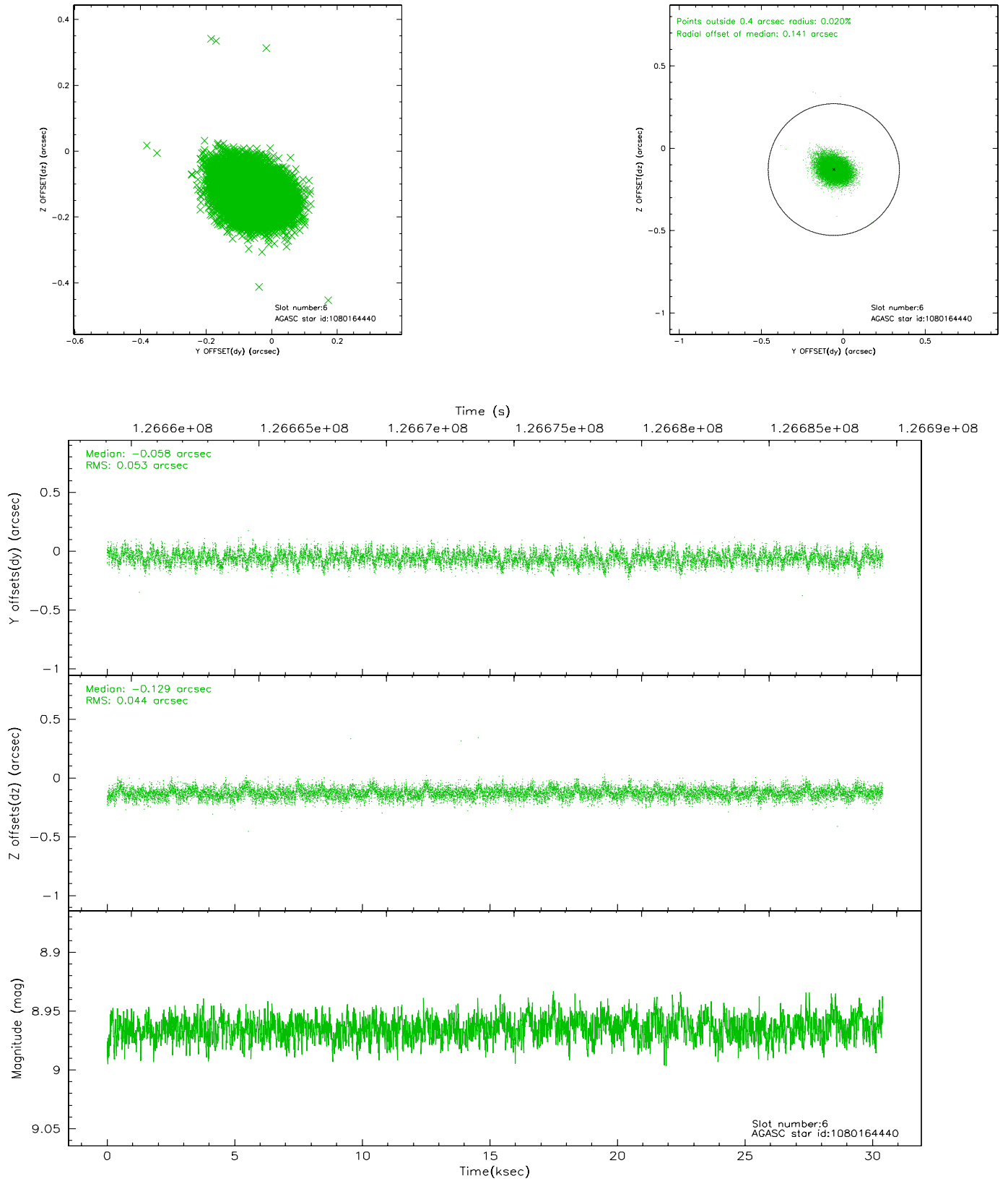
2.4.2 Slot 4



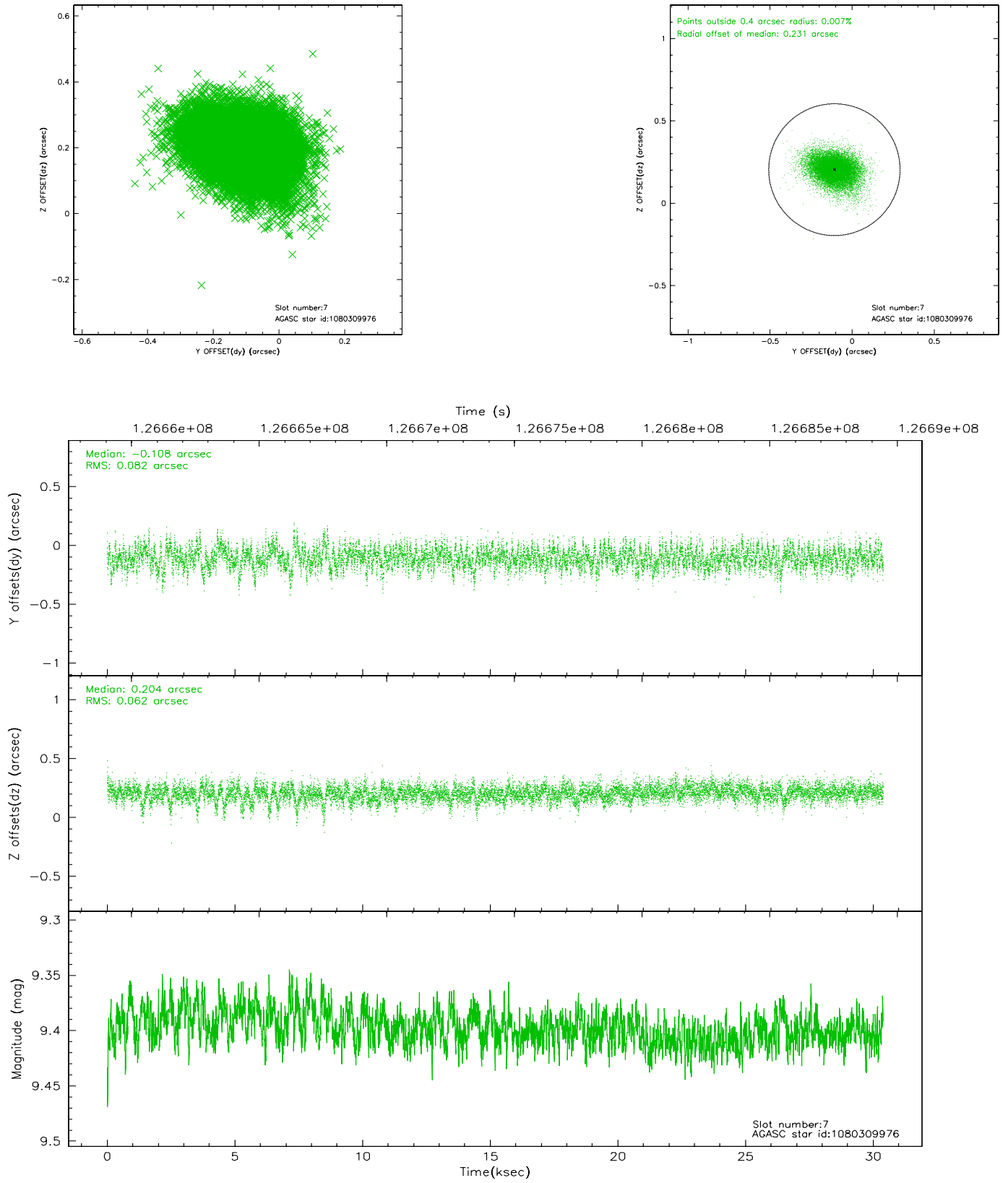
2.4.3 Slot 5



2.4.4 Slot 6

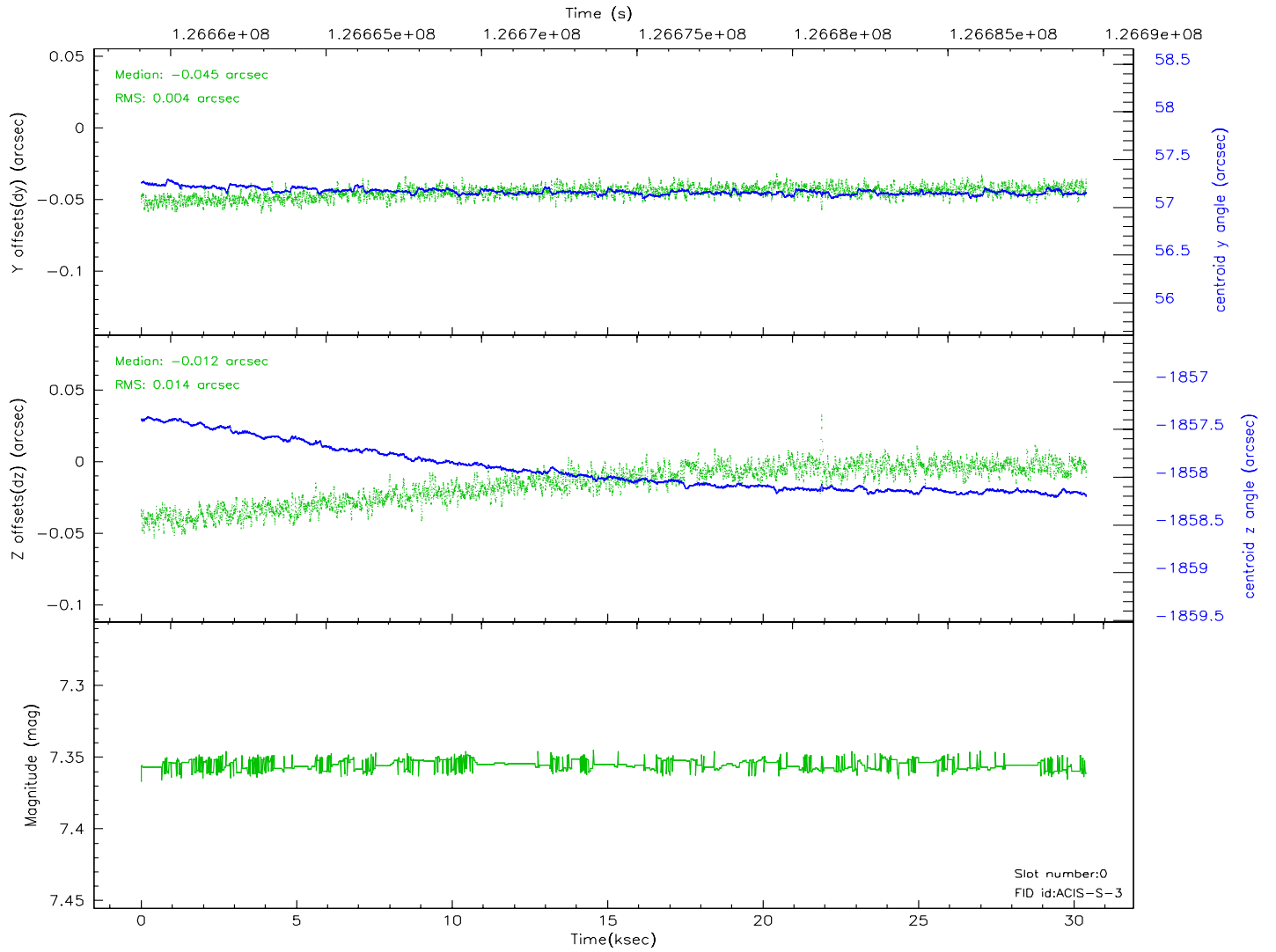
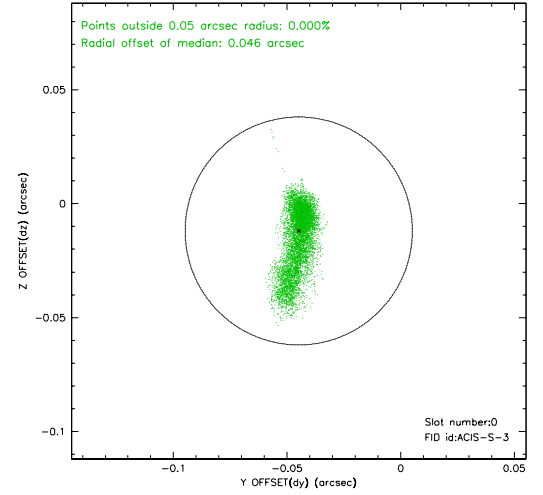
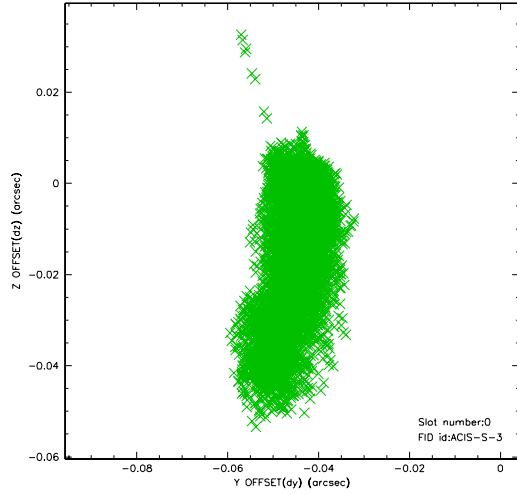


2.4.5 Slot 7

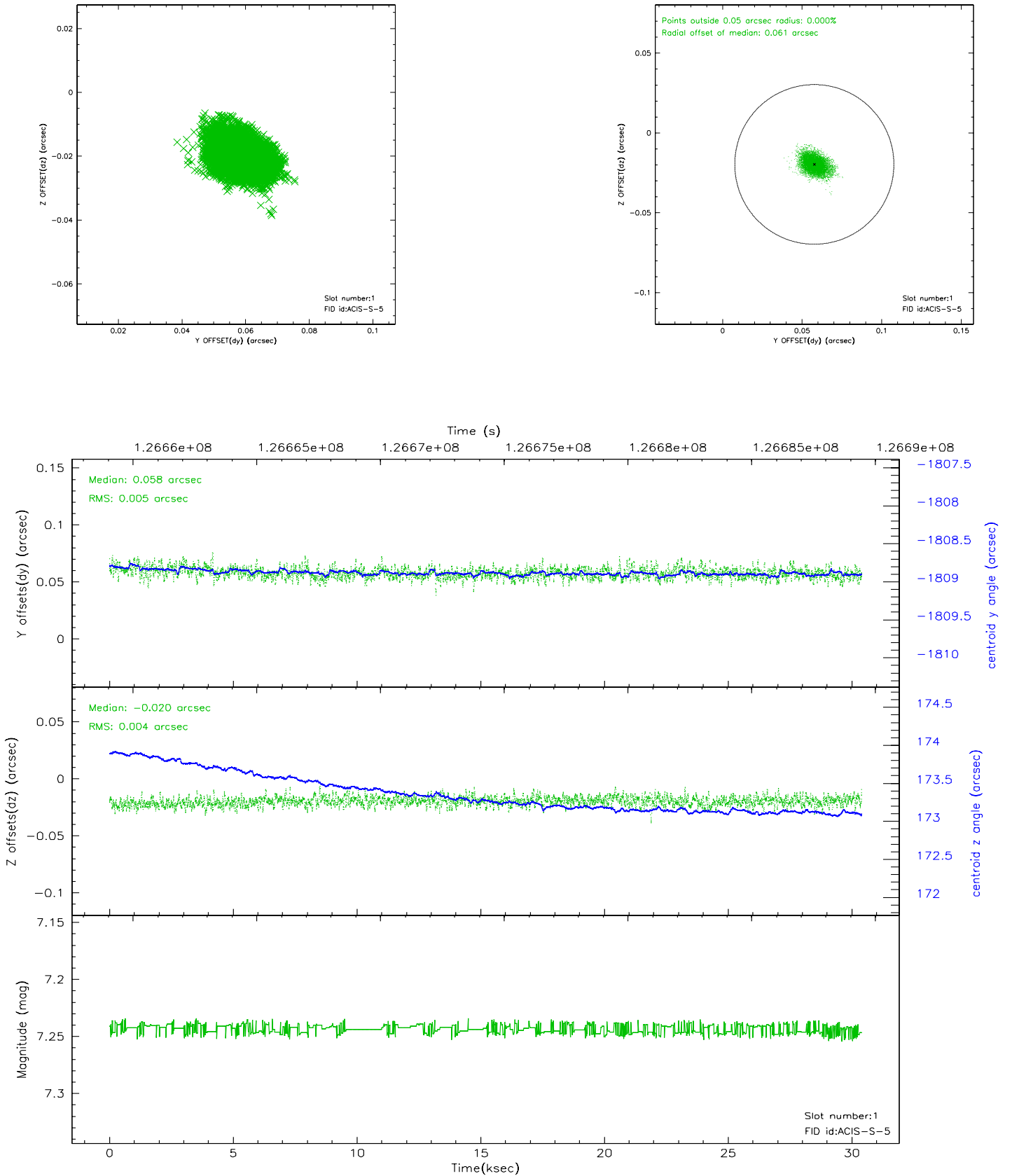


2.5 FID Slots

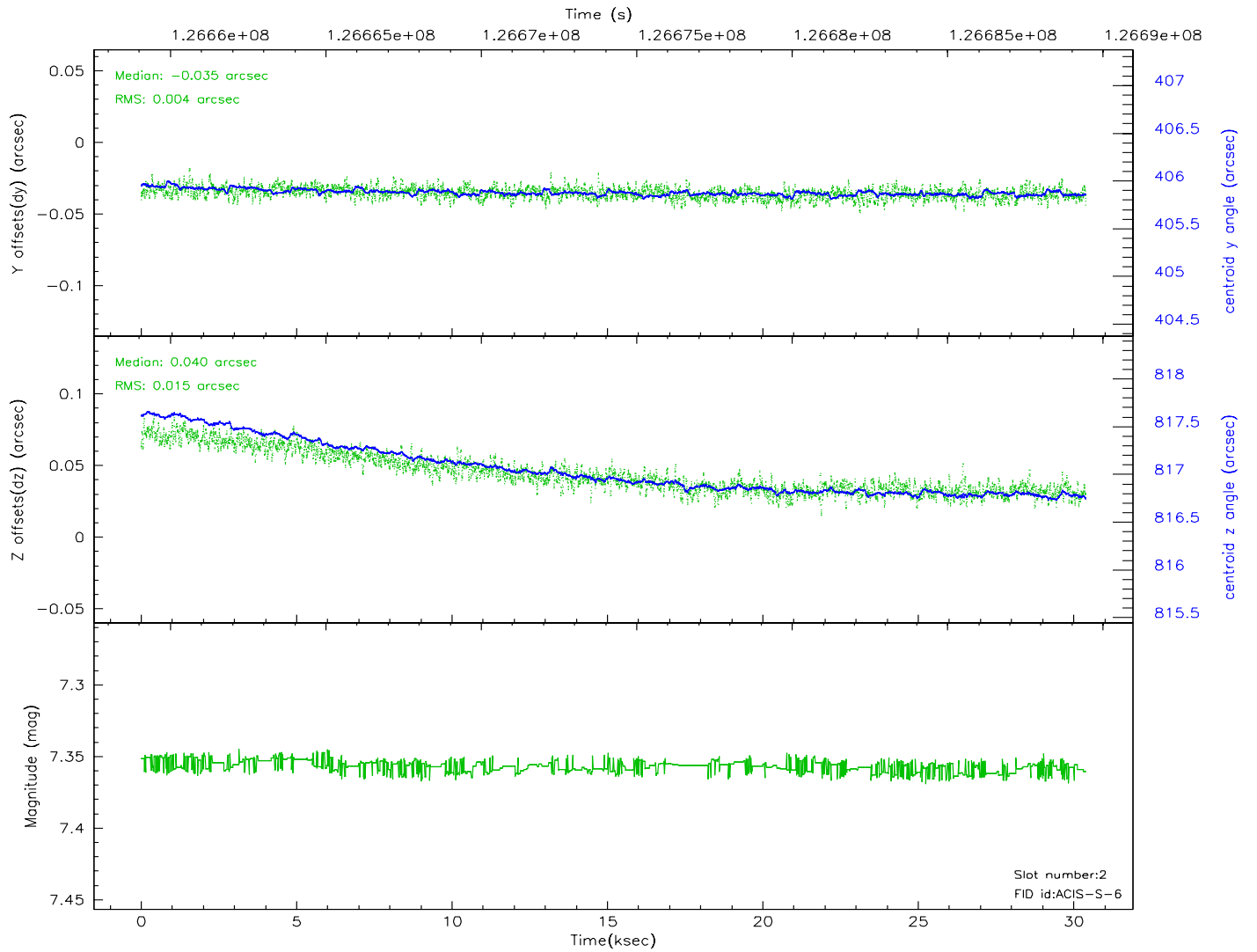
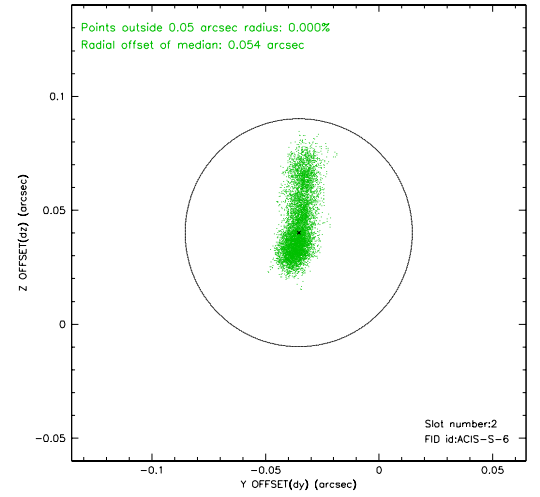
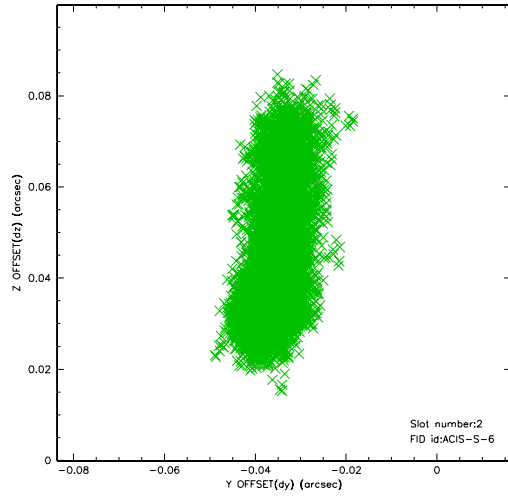
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.397

A.2 Comments