

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2426 - L2 Version 001
Chandra X-Ray Center

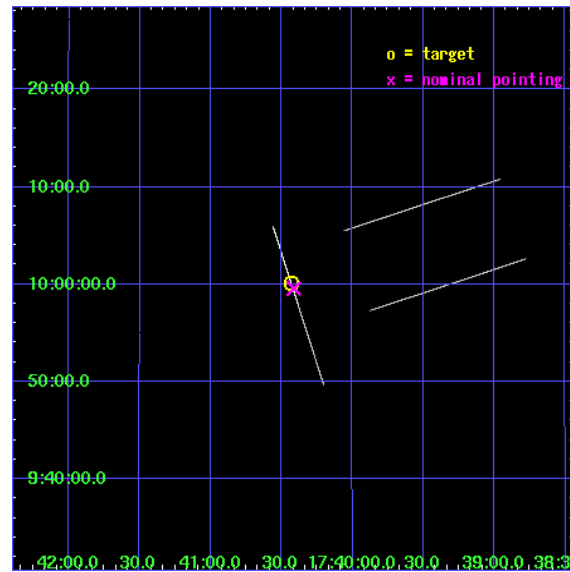
L2 Processing Date : Dec 21 2006

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

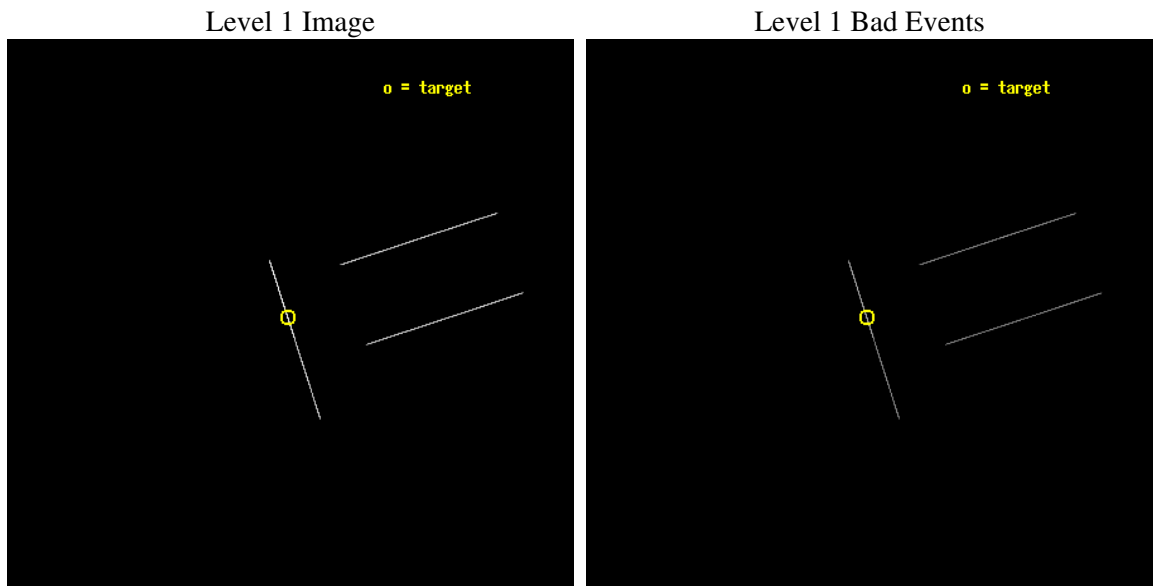
seq_num	500166
obs_id	2426
title	SEARCHING FOR X-RAYS FROM THE NEWLY DISCOVERED YOUNG PULSAR J1740+1000
observer	Zaven Arzoumanian
object	PSR J1740+1000
ra_targ	265.107917
dec_targ	10.001722
ra_nom	265.1032160956
dec_nom	9.9931379310342
roll_nom	251.94907702686
revision	3
ontime	16547.25
livetime	16482.612304688
ontime0	16547.25
ontime1	16547.25
ontime2	16547.25
ontime3	16547.25
ontime6	16547.25
ontime7	16547.25
l2events	160708



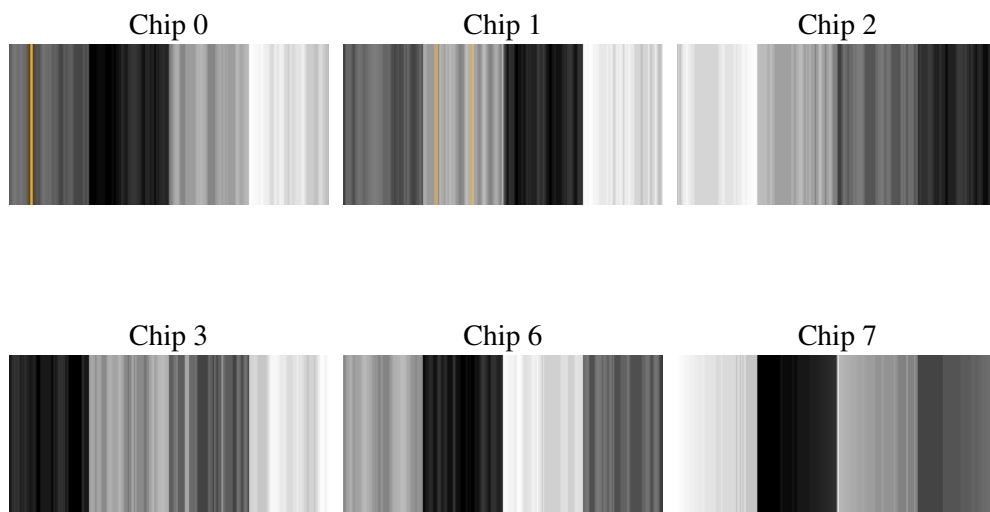
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-21T15:29:01
revision	3

sched_exp_time	15500.000000
ontime	16549.950981528
ontime0	16549.989819676
ontime1	16550.084654227
ontime2	16549.989415348
ontime3	16550.084187597
ontime6	16549.950955868
ontime7	16549.950981528
l1events	205487

2.1.4 Events

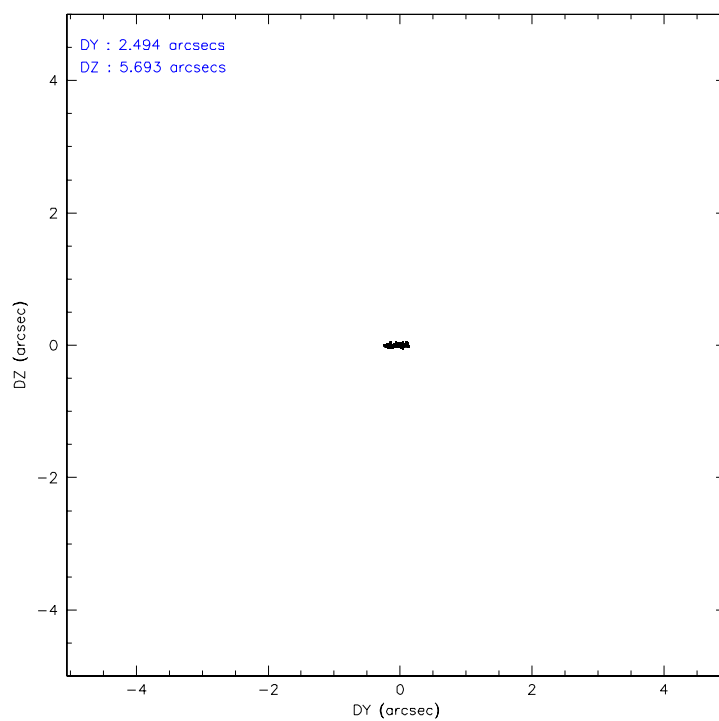
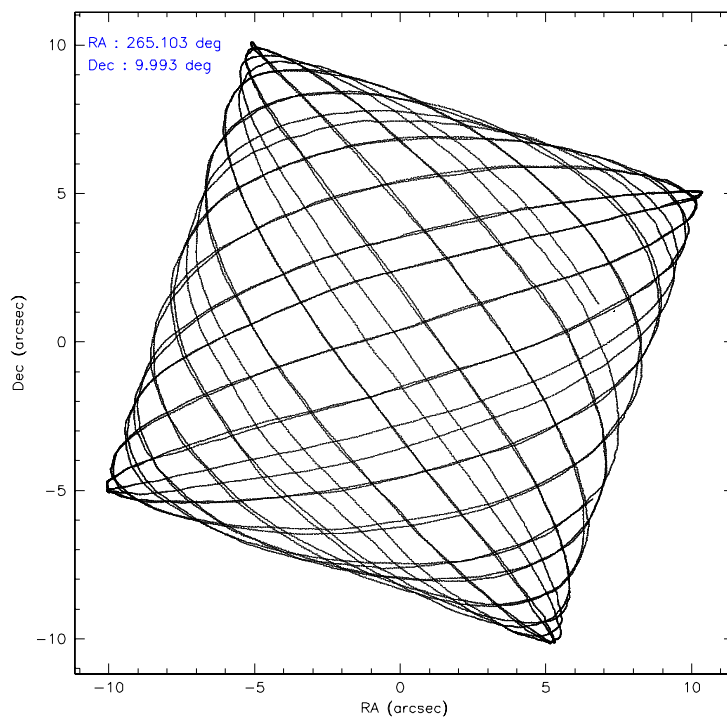
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	25718	25829	23391	26546	26848	77155
rejected events	3738	4291	3488	3920	4165	10593
rejected %	14%	16%	14%	14%	15%	13%

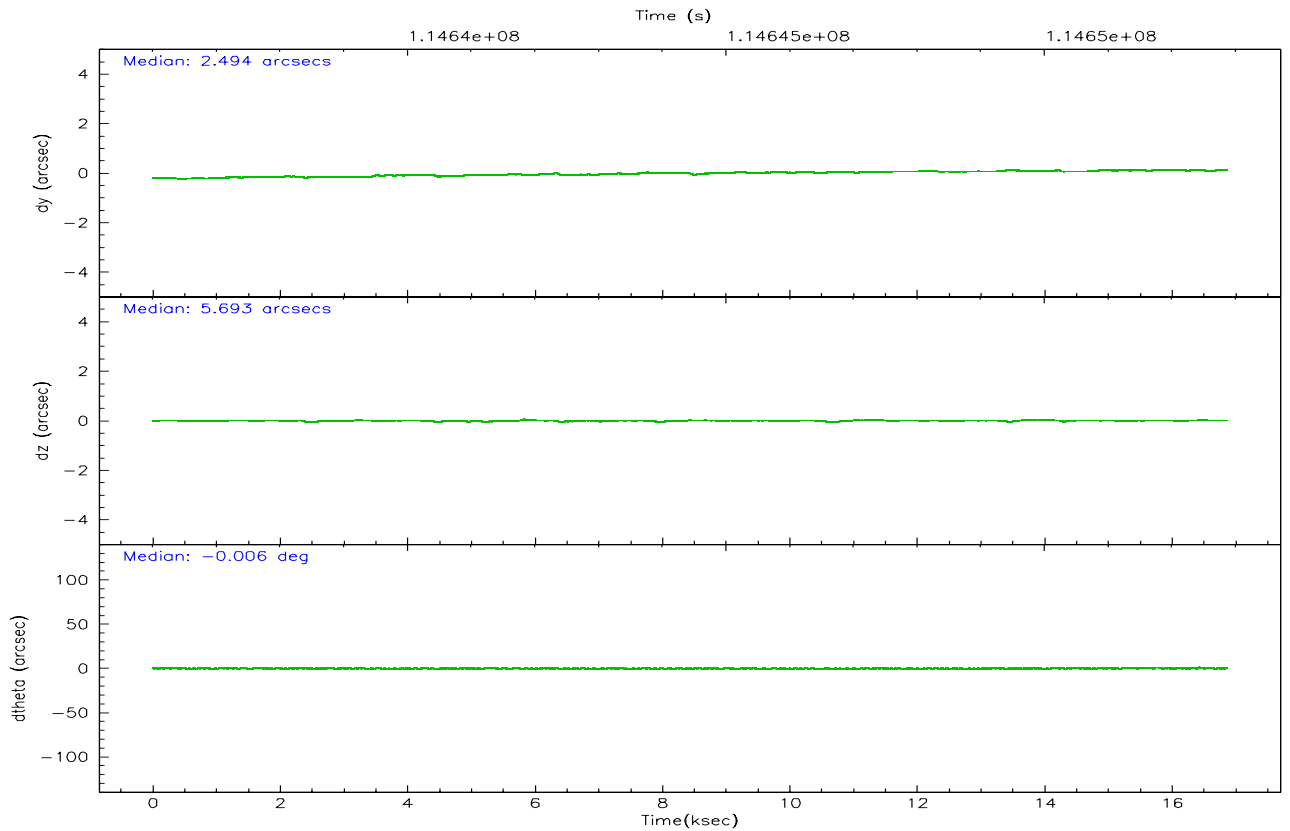
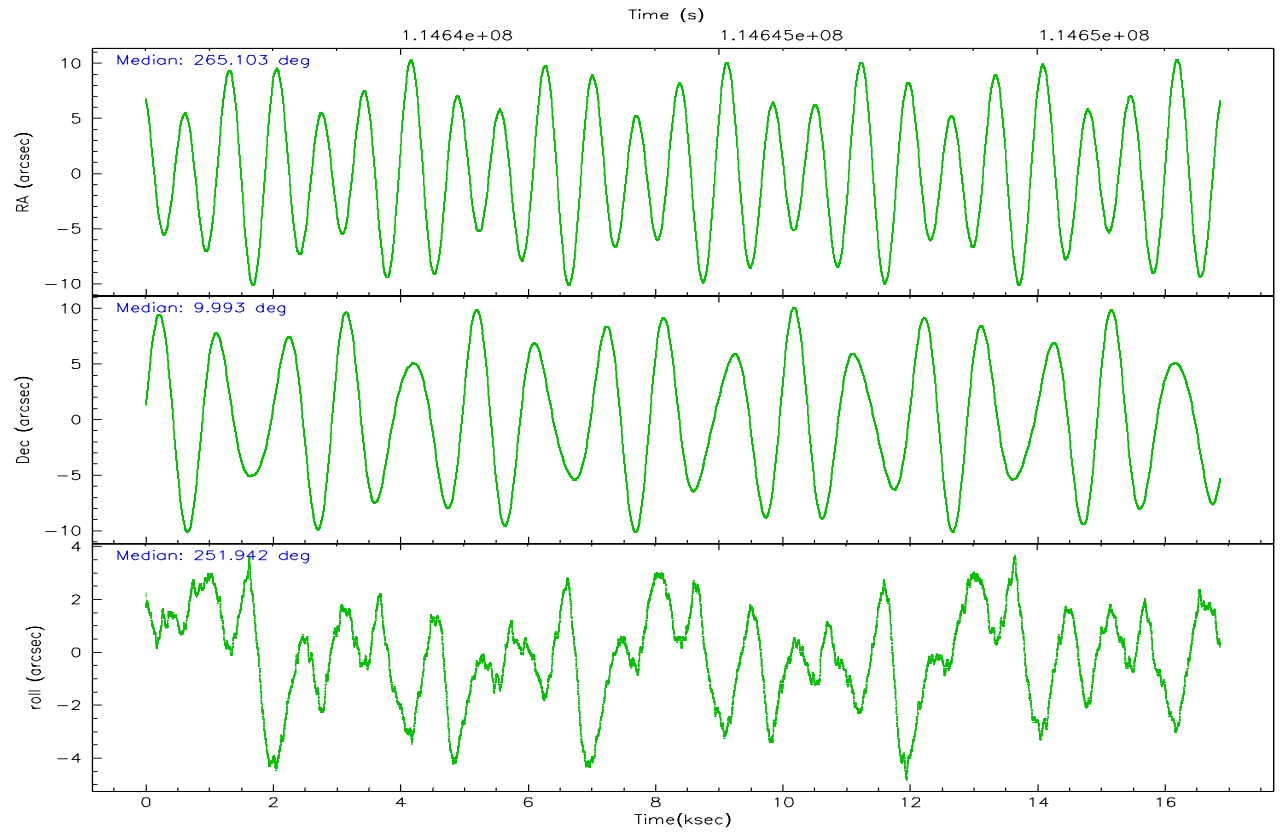
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3145	2829	2731	2968	3385	5002
	12%	10%	11%	11%	12%	6%
grade 1 events	52	99	67	71	87	132
	0%	0%	0%	0%	0%	0%
grade 2 events	8812	9177	8128	9415	9228	17735
	34%	35%	34%	35%	34%	22%
grade 3 events	3064	2491	2583	3268	2806	3241
	11%	9%	11%	12%	10%	4%
grade 4 events	2852	2479	2629	2797	2730	3031
	11%	9%	11%	10%	10%	3%
grade 5 events	3682	4190	3418	3846	4075	10440
	14%	16%	14%	14%	15%	13%
grade 6 events	4111	4564	3835	4181	4537	37574
	15%	17%	16%	15%	16%	48%
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-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	265.097198	265.1032160956034	Subarray requested	NONE	NONE
Pointing Dec	10.019757	9.993137931034246	Alternating exposures requested	N	N
Pointing Roll	251.793493	251.9490770268552	Primary exposure time	0.000000	0
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	114637373.184000	114635826.72554			
Observation start date	2001-08-19T19:41:49	2001-08-19T19:17:06			
Observation end time	114652873.184000	114653450.06374			
Observation end date	2001-08-20T00:00:09	2001-08-20T00:10:50			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



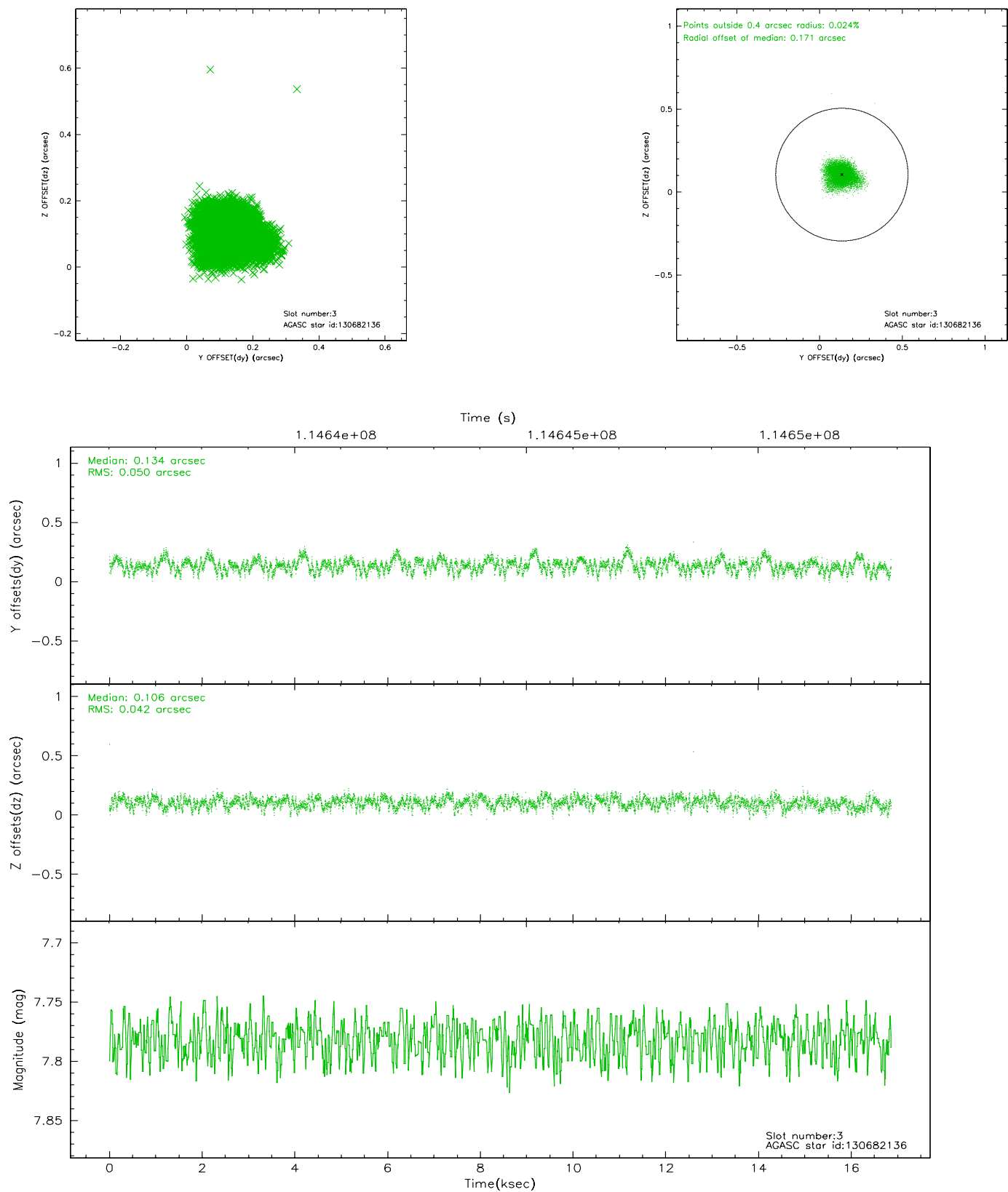


Slot Statistics

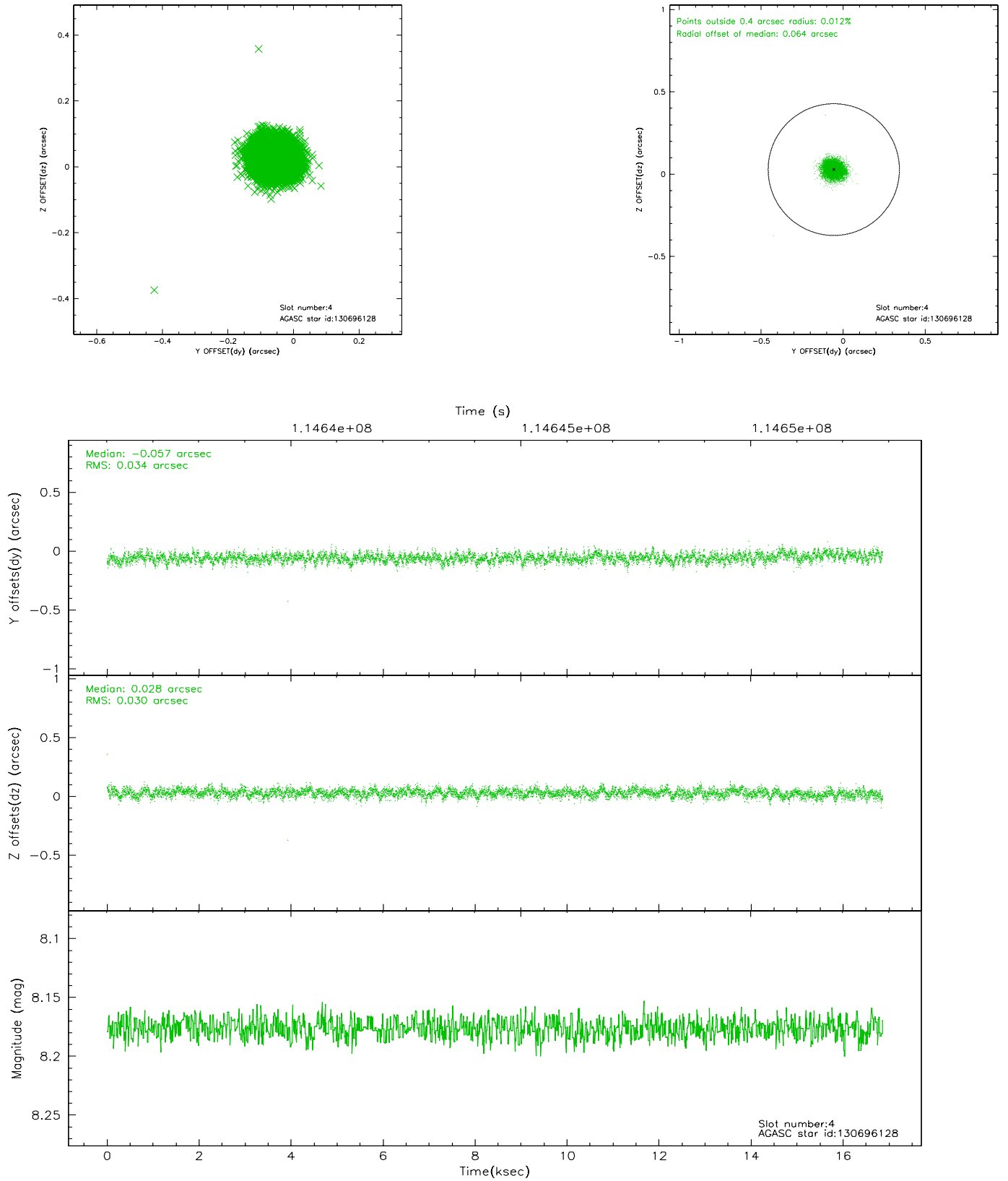
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	4113	-0.028	0.019	0.009	0.025	0.000000	0.000000	-755.08	-1726.77
1	FID	ACIS-S-4	7.20	4113	-0.064	0.009	0.008	0.032	0.000000	0.000000	2157.99	181.52
2	FID	ACIS-S-5	7.24	4113	0.062	-0.019	0.008	0.017	0.000000	0.000000	-1807.56	175.34
3	GUIDE	130682136	7.78	8227	0.134	0.106	0.069	0.112	265.593767	9.449551	1398.35	2317.02
4	GUIDE	130696128	8.18	8227	-0.057	0.028	0.048	0.079	265.572442	10.443023	-1973.71	1122.55
5	GUIDE	130688752	8.59	8226	-0.075	-0.095	0.055	0.089	265.448008	10.564793	-2252.15	566.49
6	GUIDE	130685880	8.50	8225	0.066	0.001	0.057	0.092	264.710749	9.543534	2057.07	-766.98
7	GUIDE	130679984	9.36	8218	-0.072	-0.033	0.097	0.156	264.489824	10.230265	-48.32	-2280.99

2.4 Star Slots

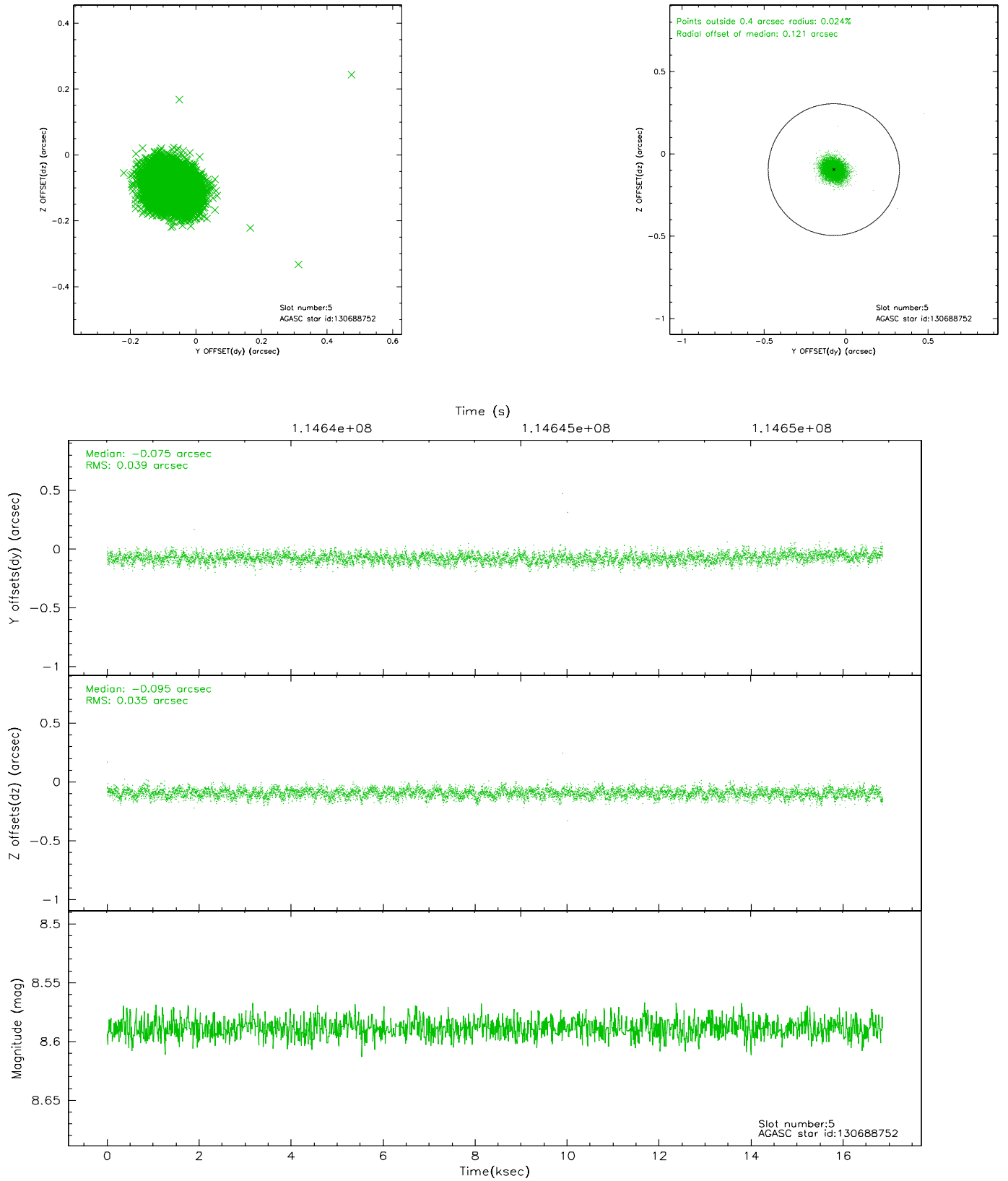
2.4.1 Slot 3



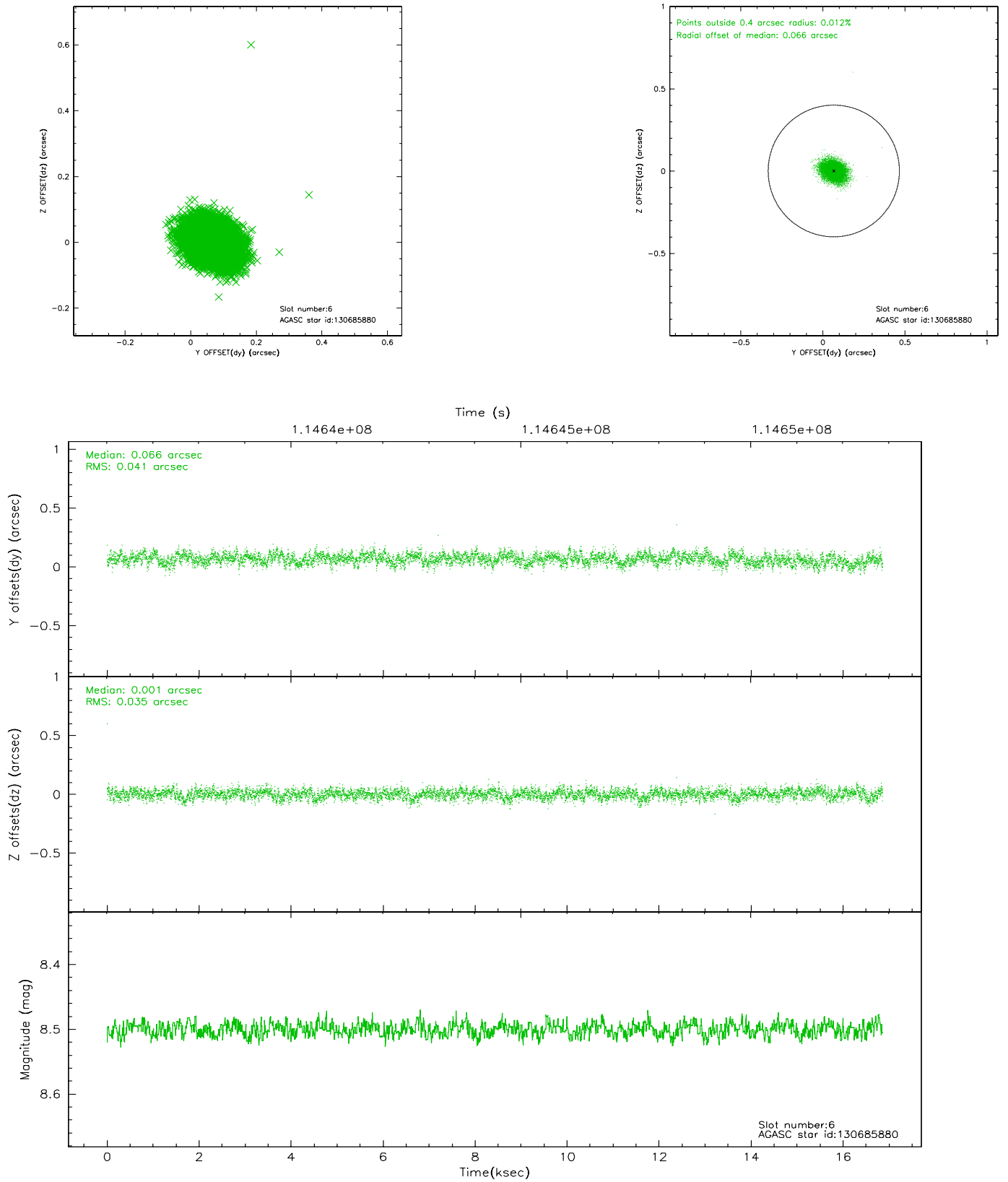
2.4.2 Slot 4



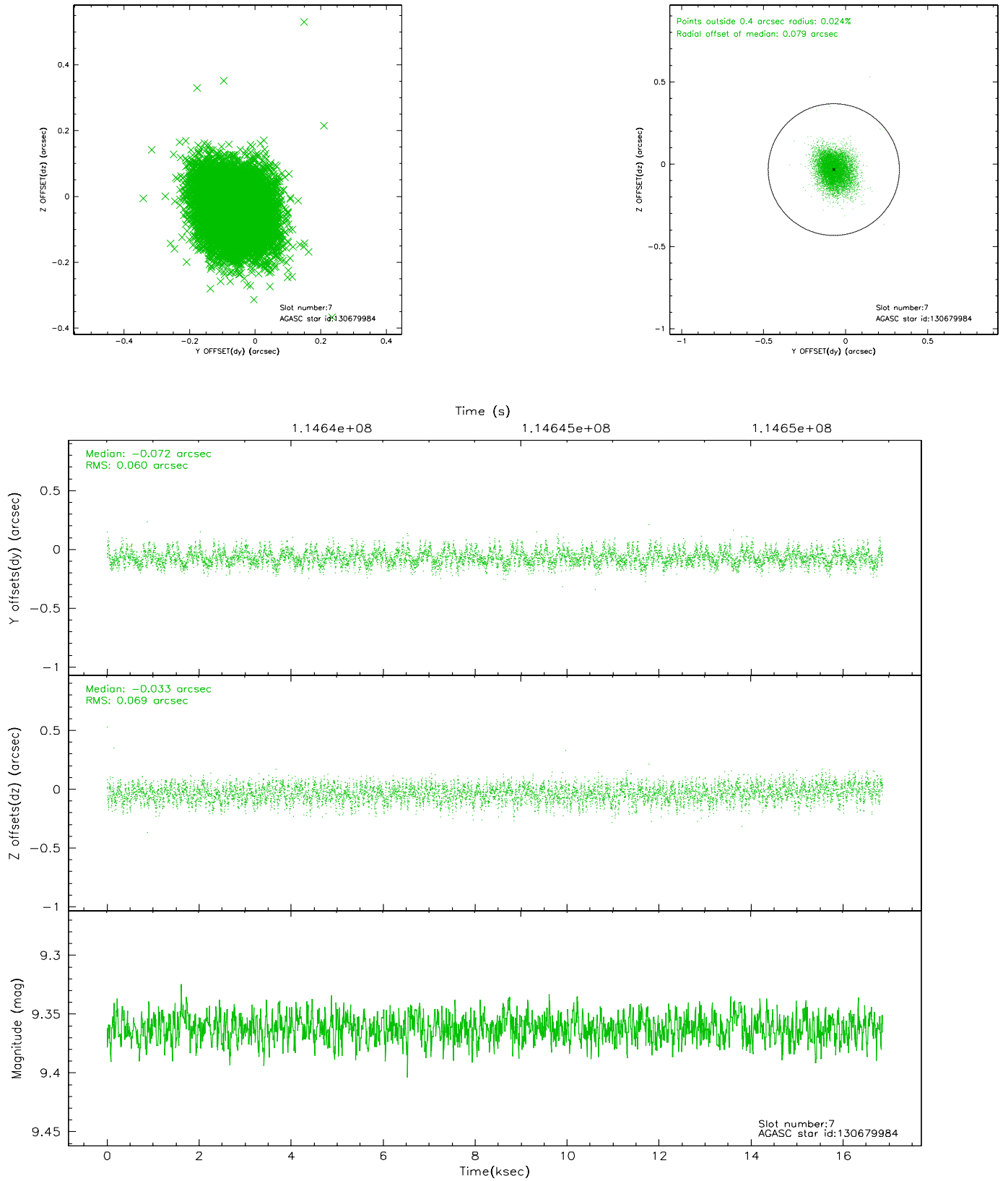
2.4.3 Slot 5



2.4.4 Slot 6

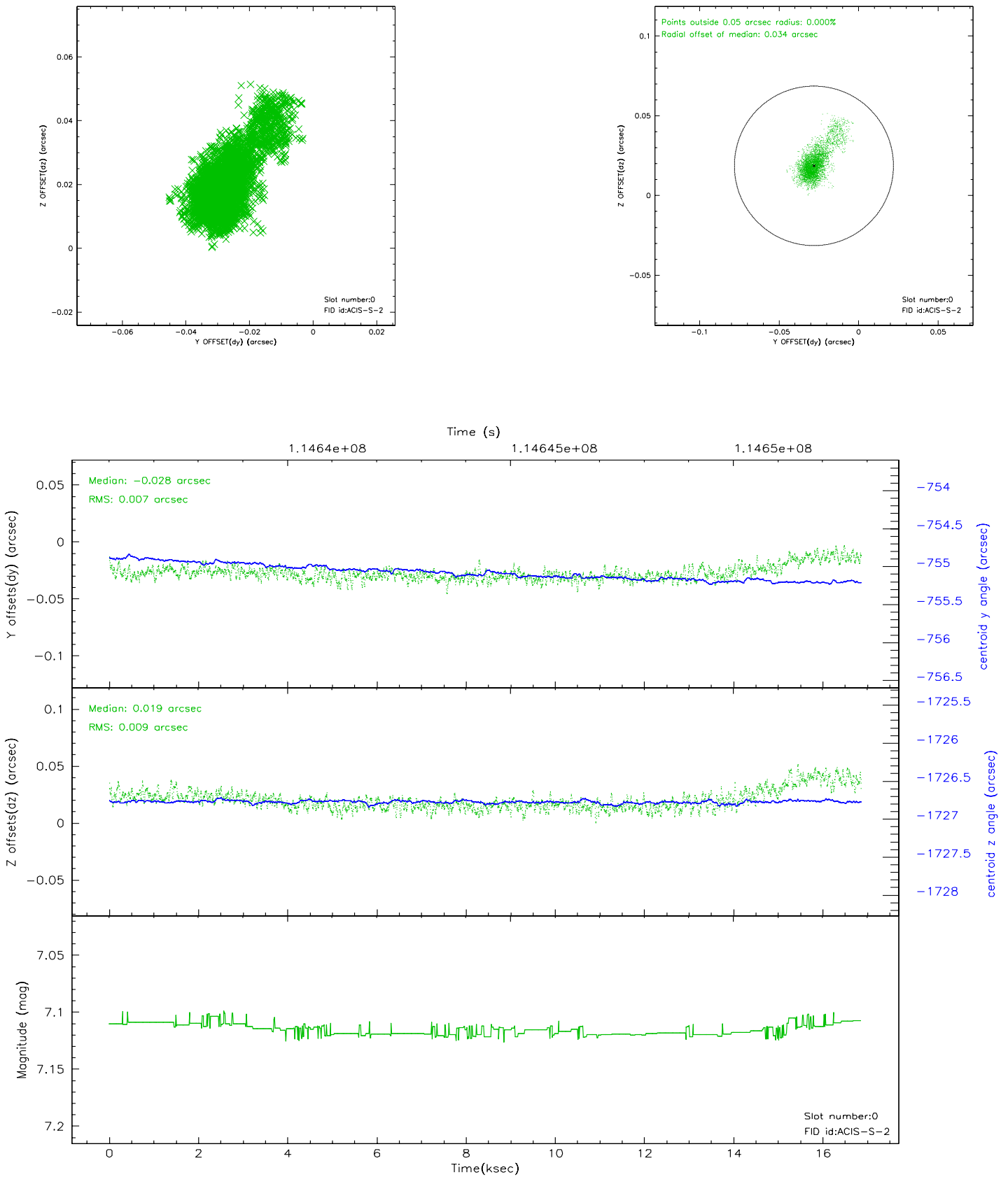


2.4.5 Slot 7

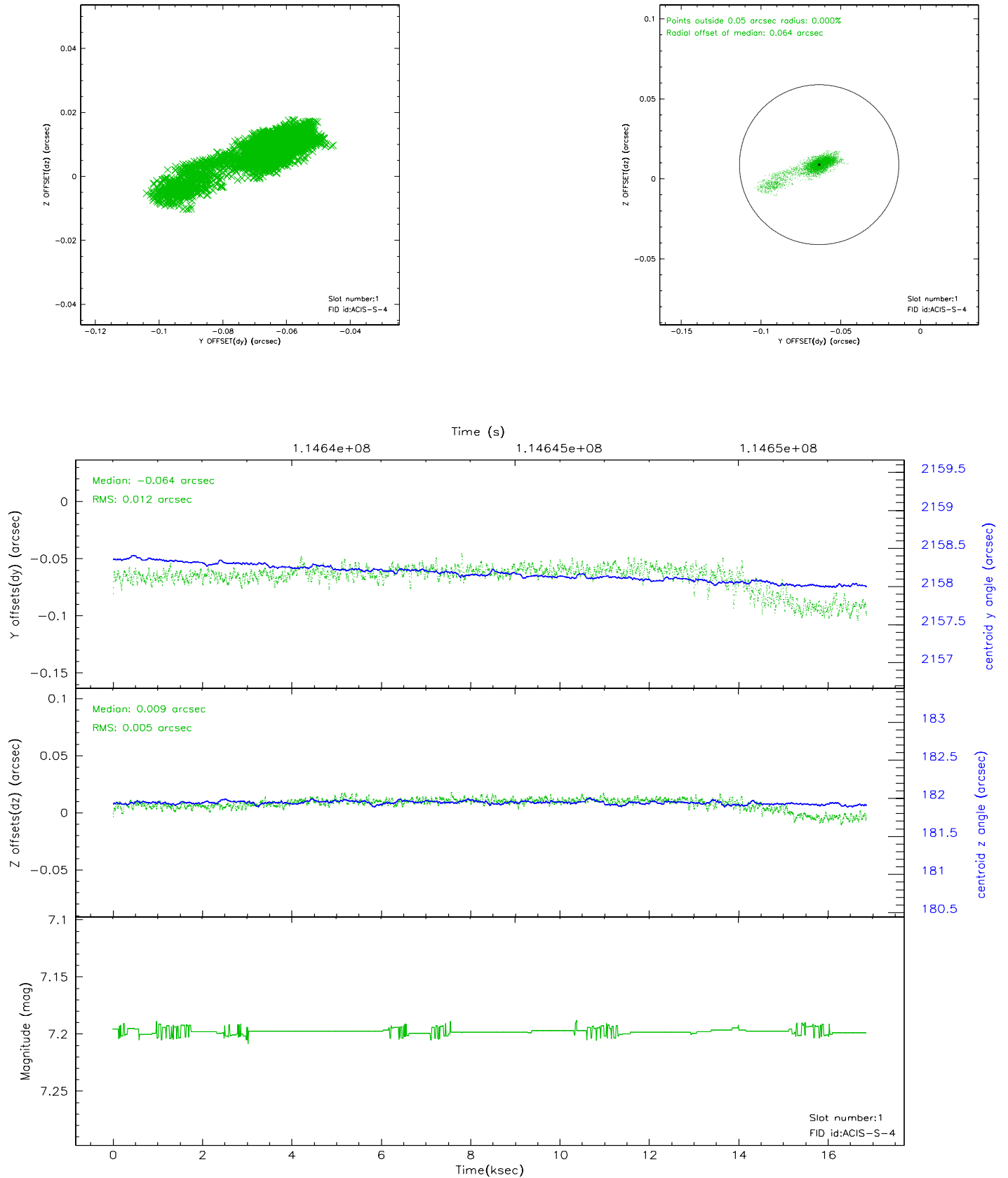


2.5 FID Slots

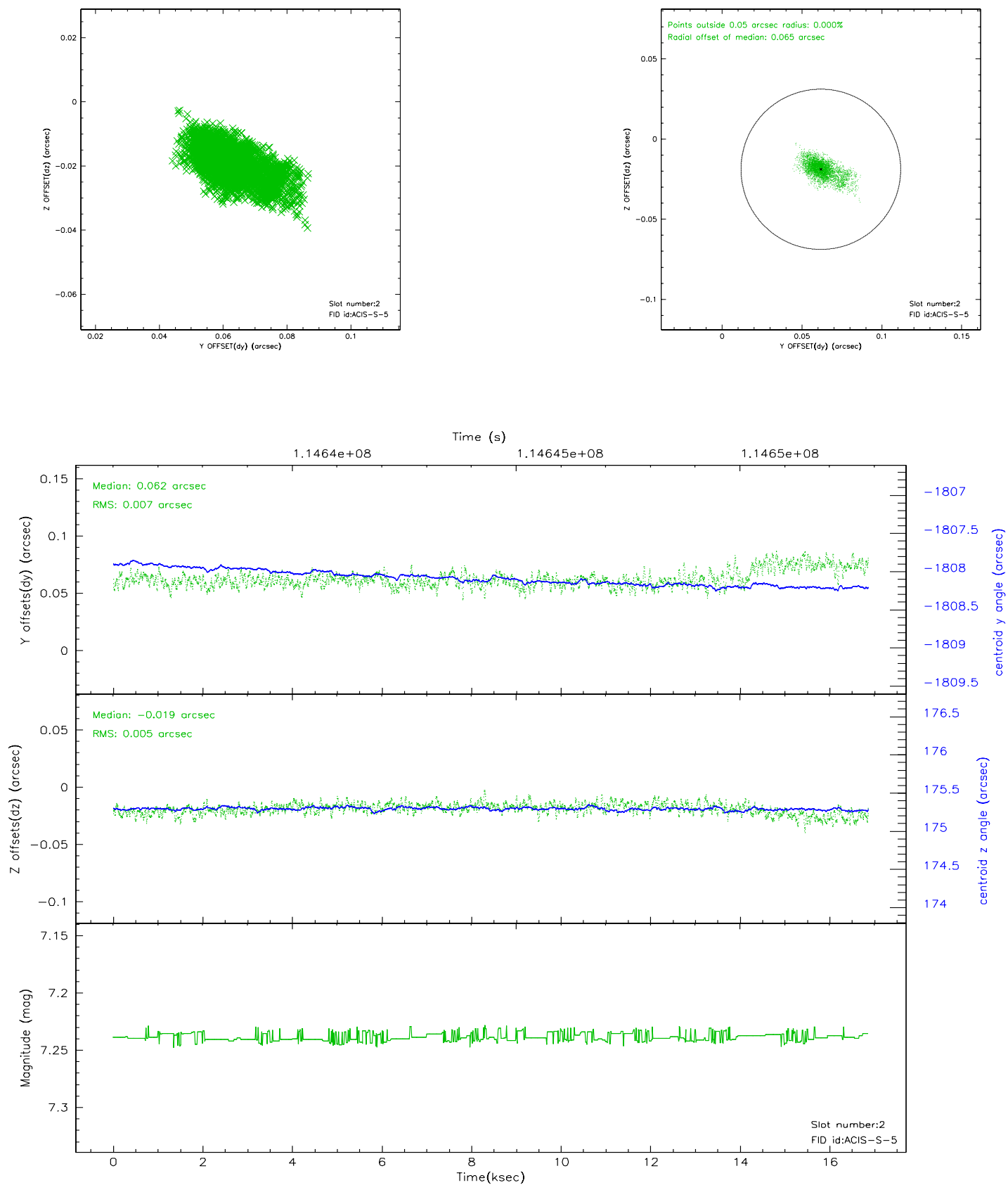
2.5.1 Slot 0



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)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.55

A.2 Comments