

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2802 - L2 Version 001
Chandra X-Ray Center

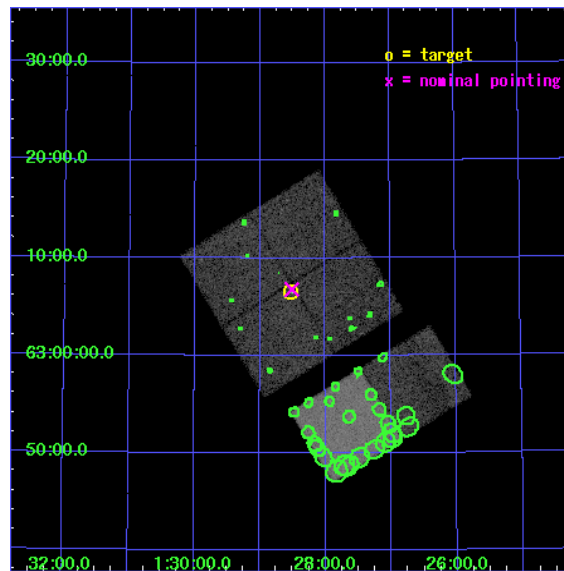
L2 Processing Date : Oct 4 2006

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1 Front

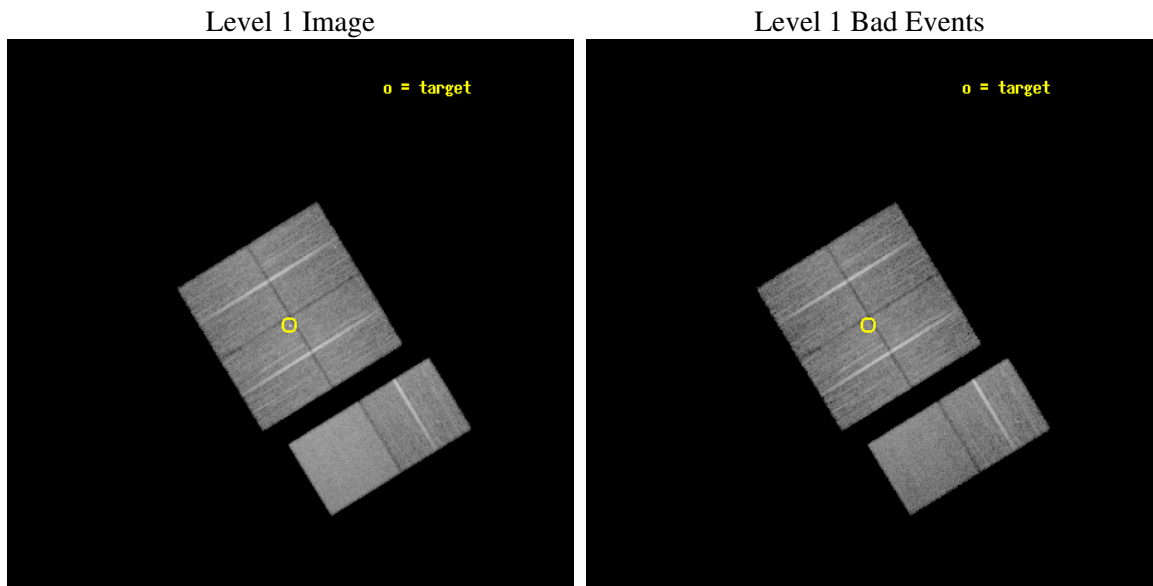
seq_num	500252
obs_id	2802
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Prof. Shrinivas Kulkarni
object	G127.1+0.5
dtcycle	0
cycle	P
ra_targ	22.133333
dec_targ	63.109444
ra_nom	22.127344003797
dec_nom	63.113245525467
roll_nom	148.5510234837
revision	2
ontime	19753.599926412
livetime	19503.467949954
ontime0	19753.599926412
ontime1	19753.599926412
ontime2	19753.599926412
ontime3	19753.599926412
ontime6	19747.118035734
ontime7	19753.599926412
l2events	128445



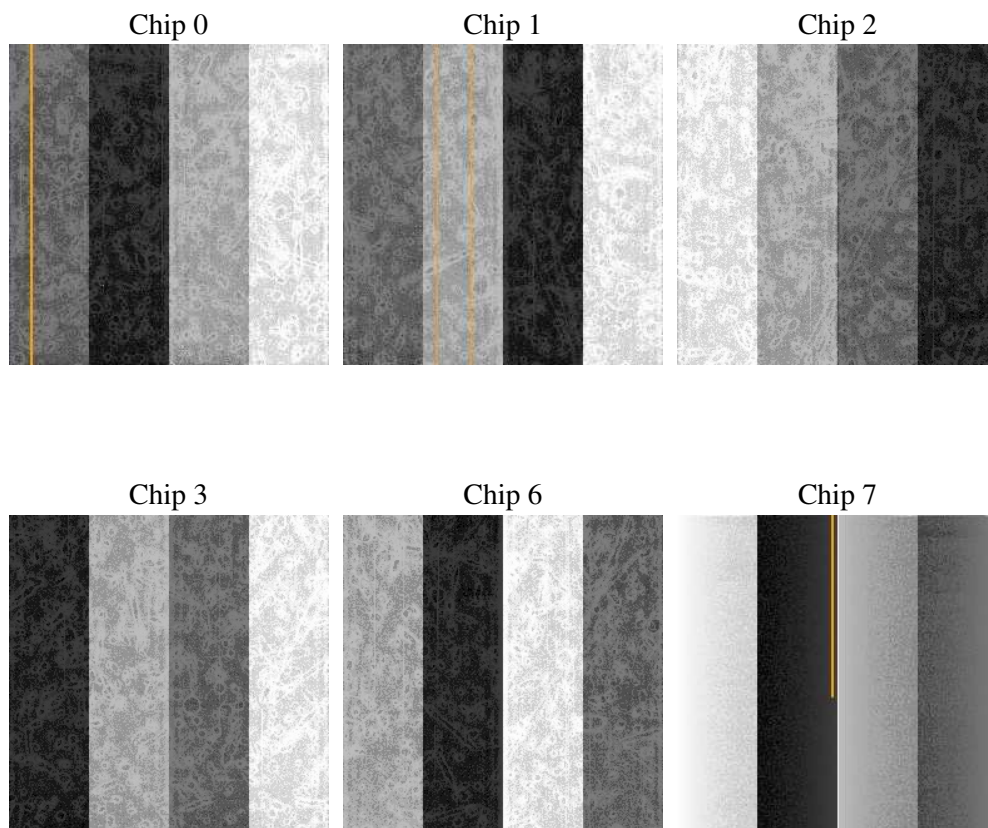
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-04T09:48:53
revision	2

sched_exp_time	20000.000000
ontime	19760.384936631
ontime0	19760.384936631
ontime1	19760.384936631
ontime2	19760.384936631
ontime3	19760.384936631
ontime6	19750.662055761
ontime7	19760.384936631
l1events	780007

2.1.4 Events

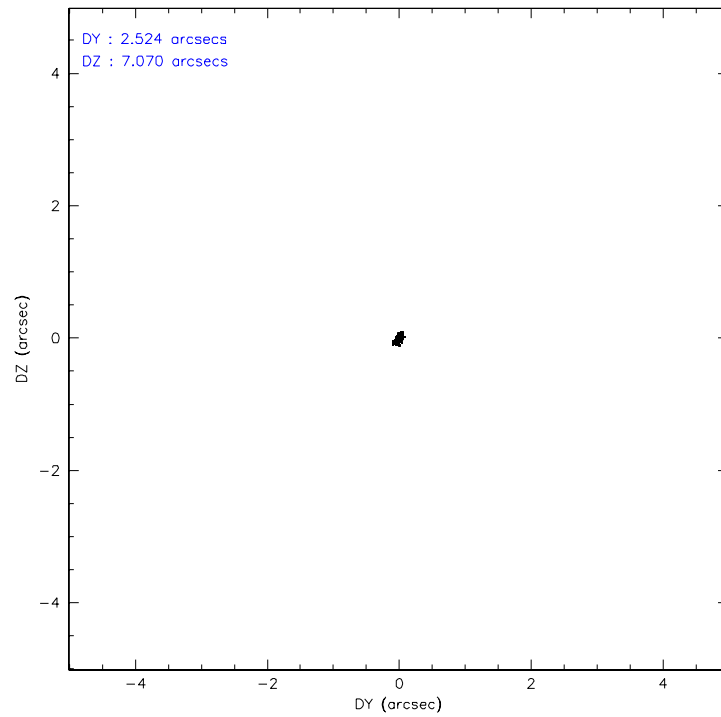
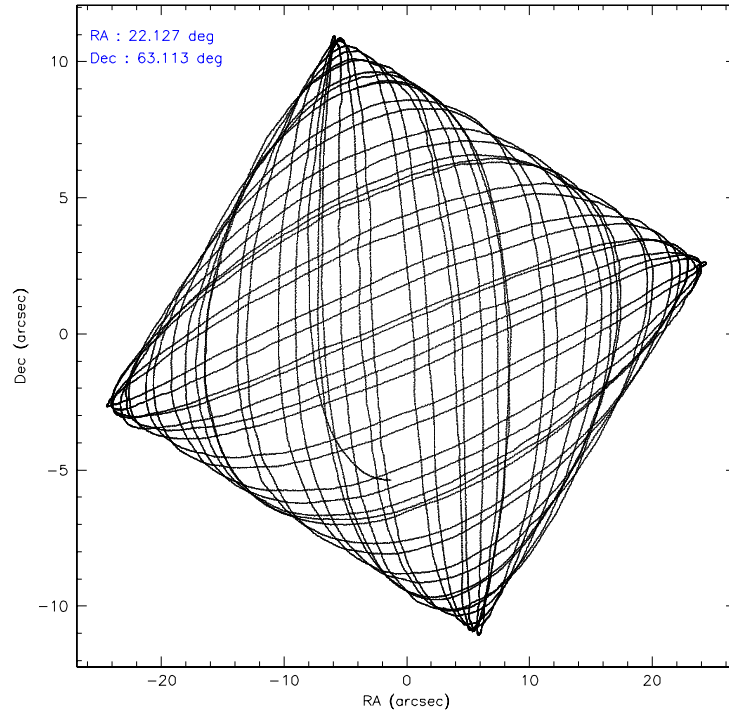
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	115465	115479	125177	128242	128340	167304
rejected events	99722	99331	110617	112497	113722	103809
rejected %	86%	86%	88%	87%	88%	62%

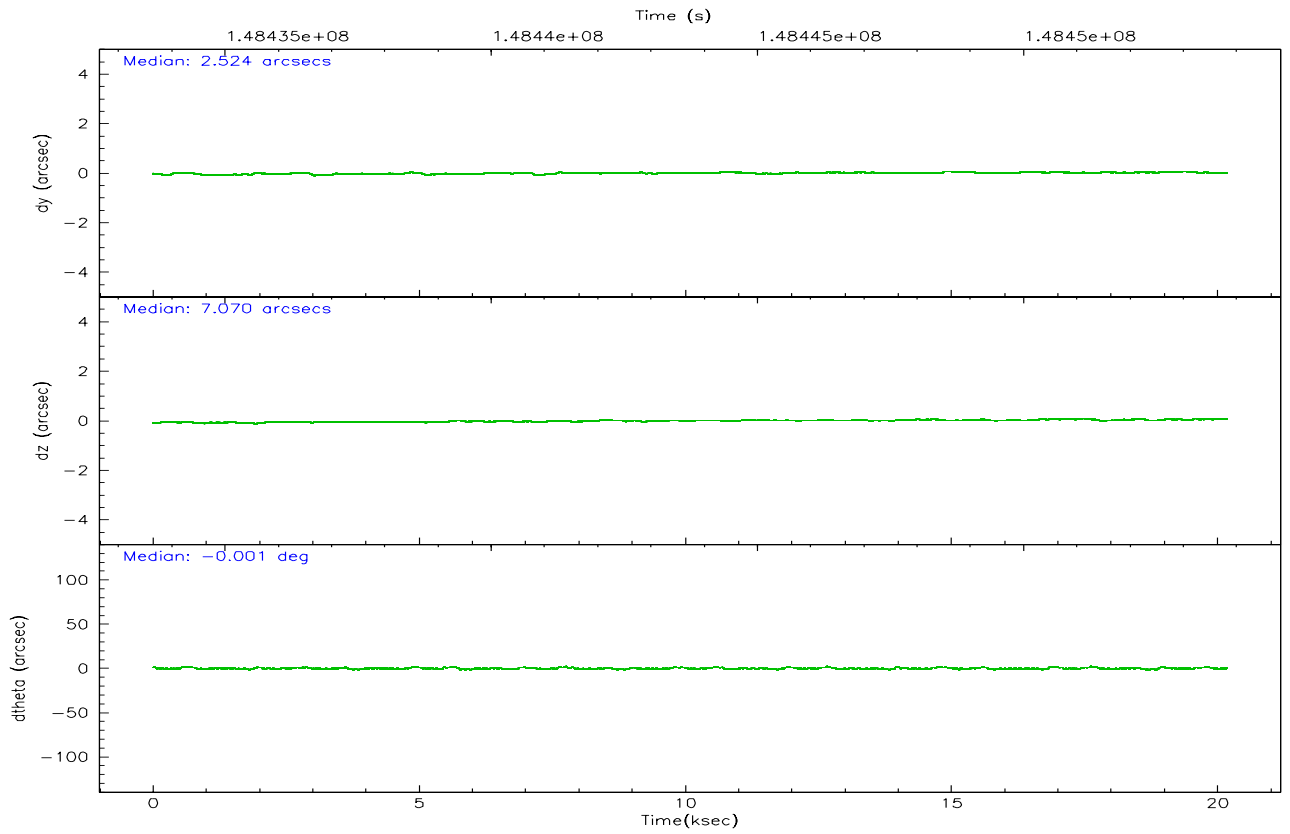
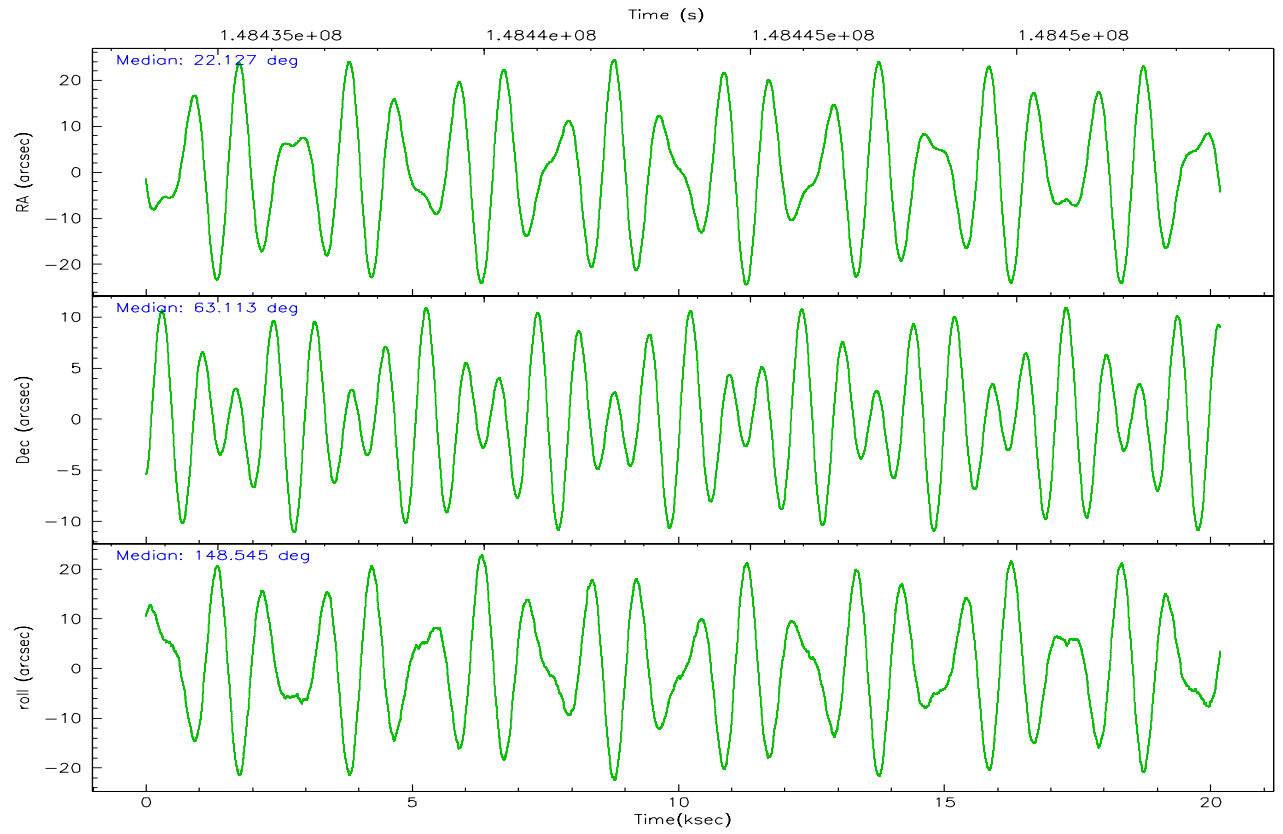
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	7008	6905	6552	7389	5744	3561
	6%	5%	5%	5%	4%	2%
grade 1 events	66	67	66	93	45	78
	0%	0%	0%	0%	0%	0%
grade 2 events	3168	3236	2868	2961	2914	15660
	2%	2%	2%	2%	2%	9%
grade 3 events	1536	1619	1426	1448	1509	3192
	1%	1%	1%	1%	1%	1%
grade 4 events	1404	1474	1364	1450	1408	2997
	1%	1%	1%	1%	1%	1%
grade 5 events	4913	5086	4652	5428	5599	10741
	4%	4%	3%	4%	4%	6%
grade 6 events	2633	2917	2355	2500	3045	38111
	2%	2%	1%	1%	2%	22%
grade 7 events	94737	94175	105894	106973	108076	92964
	82%	81%	84%	83%	84%	55%

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
Observation mode	POINTING	POINTING	Number of optional ACIS chips dropped	0	0
Pointing RA	22.187900	22.12734400379684	On-chip summing requested	N	N
Pointing Dec	63.112629	63.11324552546679	Subarray requested	NONE	NONE
Pointing Roll	148.288332	148.5510234837039	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	3.2
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	148433829.184000	148433249.44172			
Observation start date	2002-09-14T23:36:05	2002-09-14T23:27:29			
Observation end time	148453829.184000	148454234.78009			
Observation end date	2002-09-15T05:09:25	2002-09-15T05:17:14			
Read mode	TIMED	TIMED			

2.3 Aspect



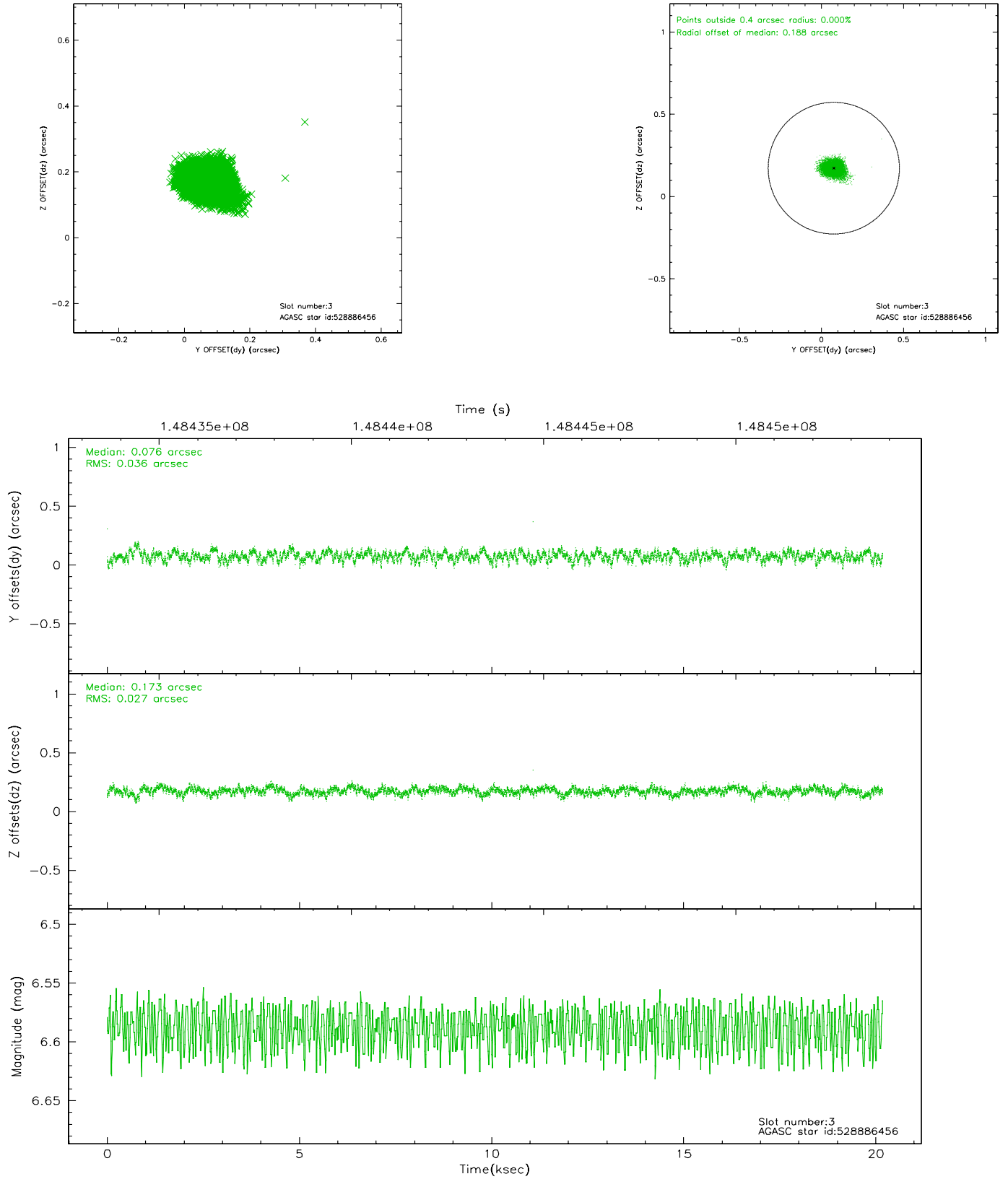


Slot Statistics

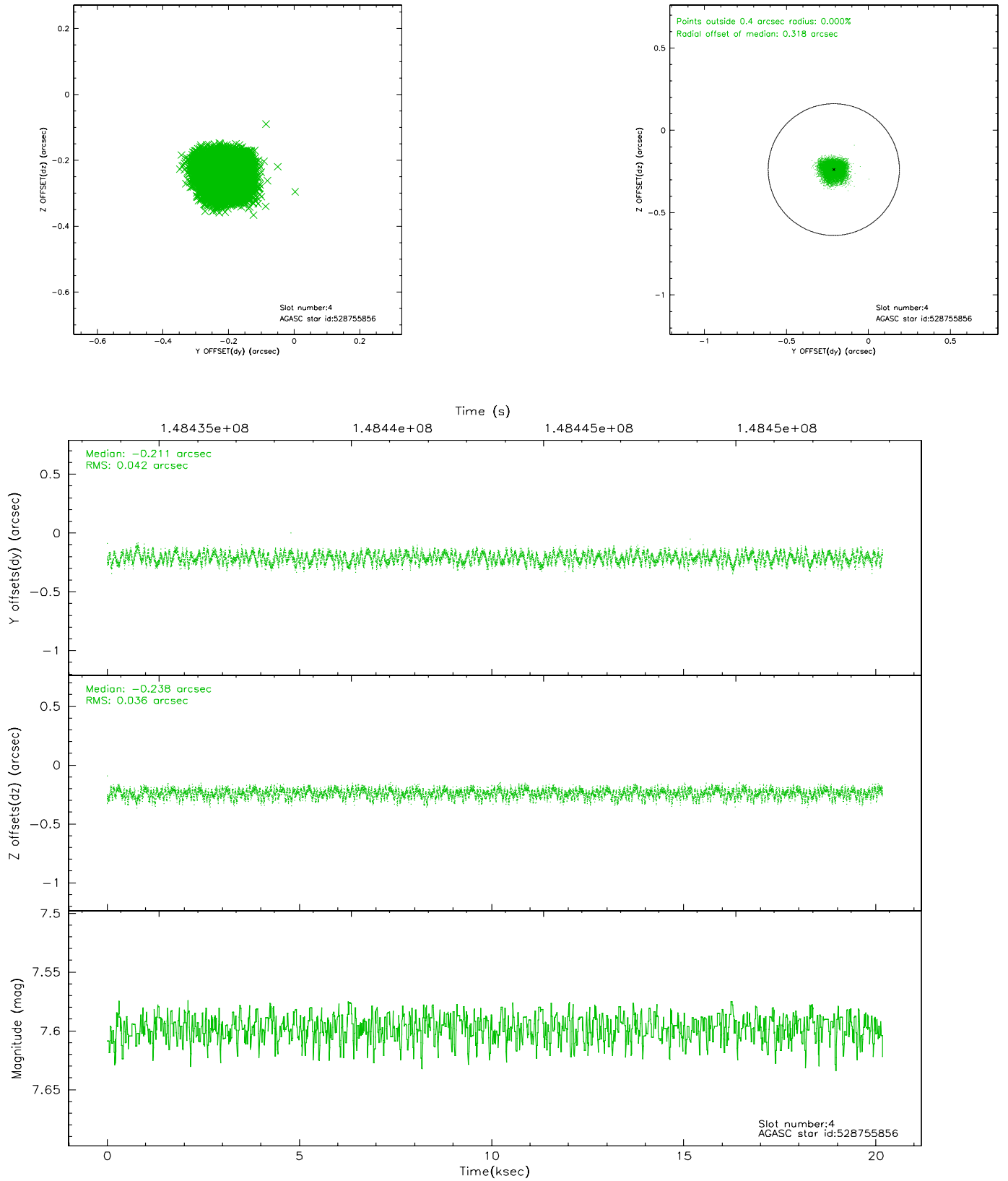
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4923	-0.022	0.047	0.011	0.020	0.000000	0.000000	937.24	-830.43
1	FID	ACIS-I-5	7.24	4923	-0.029	0.040	0.007	0.012	0.000000	0.000000	-1810.73	1067.02
2	FID	ACIS-I-6	7.26	4922	-0.040	-0.017	0.009	0.017	0.000000	0.000000	402.63	1711.62
3	GUIDE	528886456	6.59	9846	0.076	0.173	0.048	0.079	23.851180	63.081968	-2345.42	-1360.14
4	GUIDE	528755856	7.60	9844	-0.211	-0.238	0.061	0.091	20.521674	62.806940	1771.10	2347.25
5	GUIDE	528876320	8.24	9844	-0.013	0.176	0.071	0.108	23.063220	63.620538	-224.72	-2298.50
6	GUIDE	528884976	8.98	9778	0.184	-0.245	0.089	0.142	22.498630	62.313582	-1953.95	2172.92
7	GUIDE	528746736	9.23	9842	-0.040	0.137	0.076	0.124	21.381992	63.593794	2011.97	-801.03

2.4 Star Slots

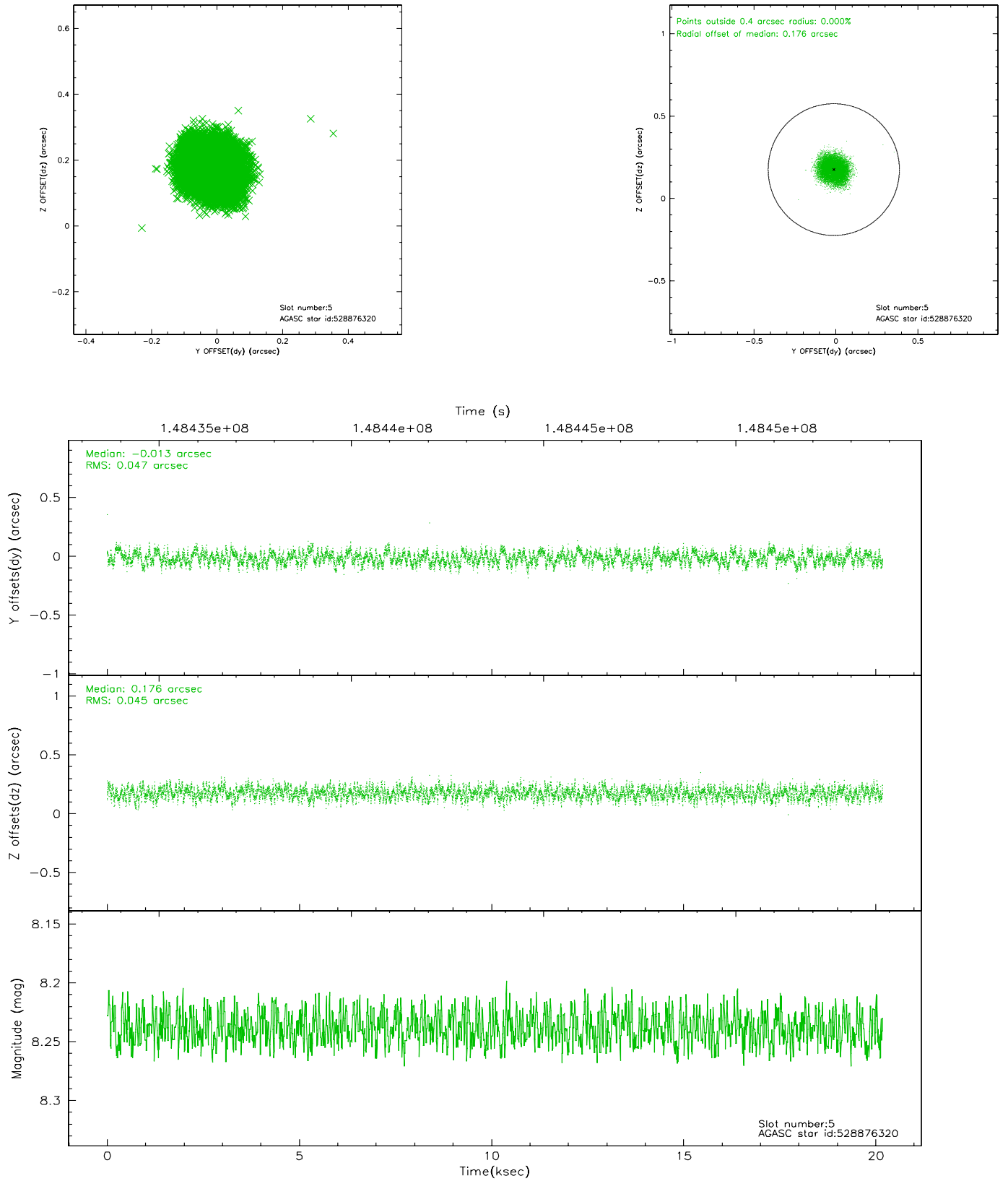
2.4.1 Slot 3



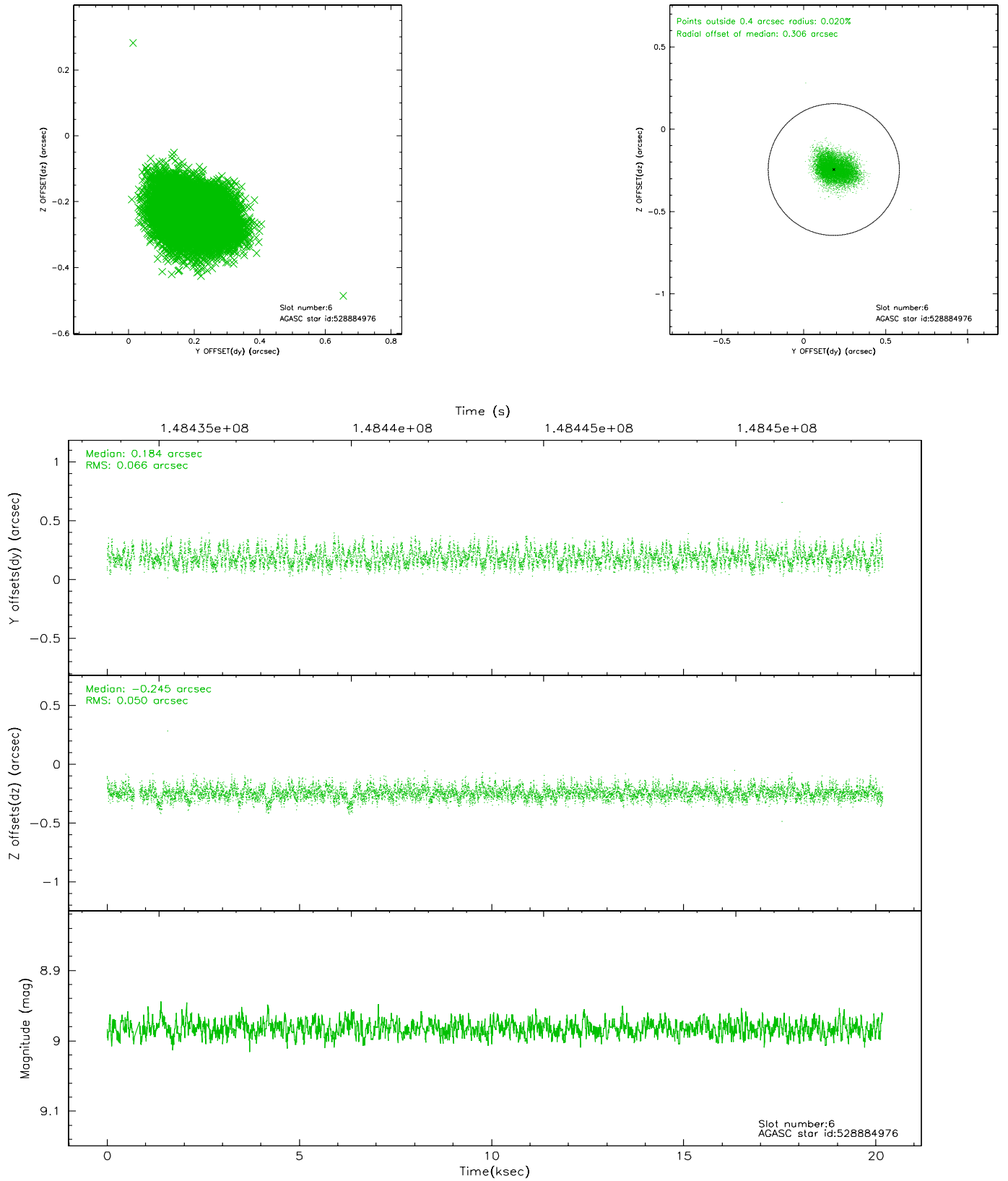
2.4.2 Slot 4



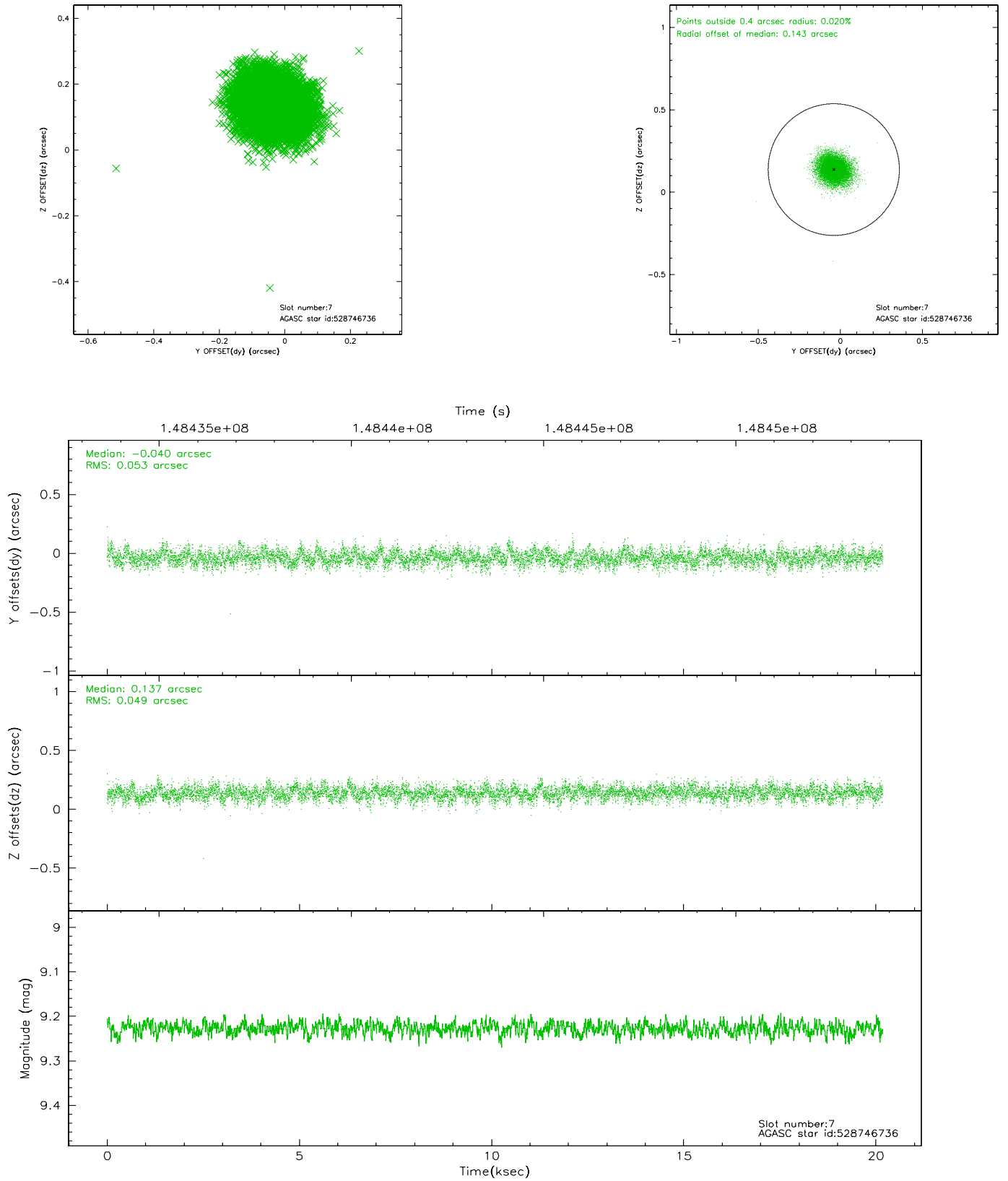
2.4.3 Slot 5



2.4.4 Slot 6

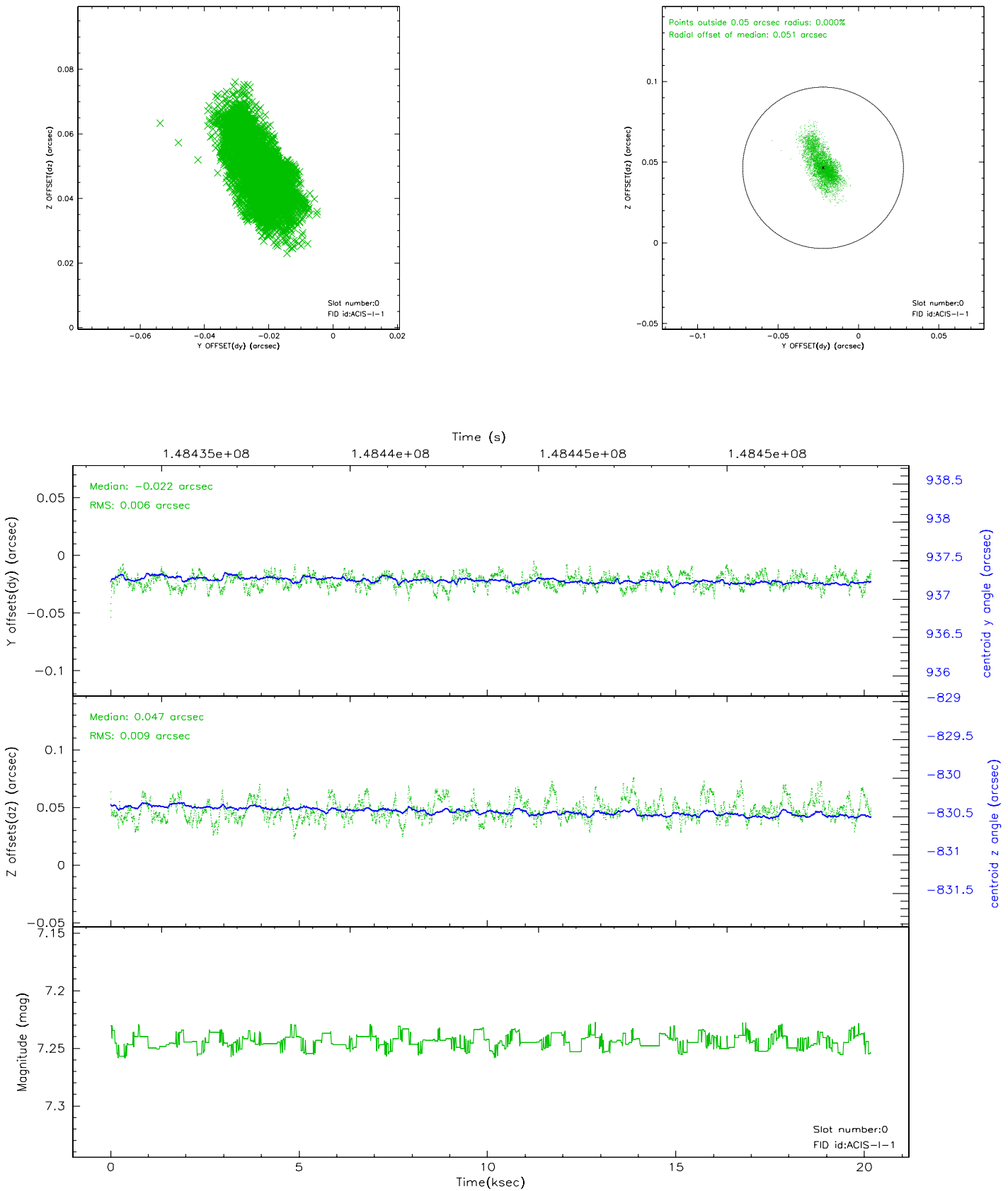


2.4.5 Slot 7

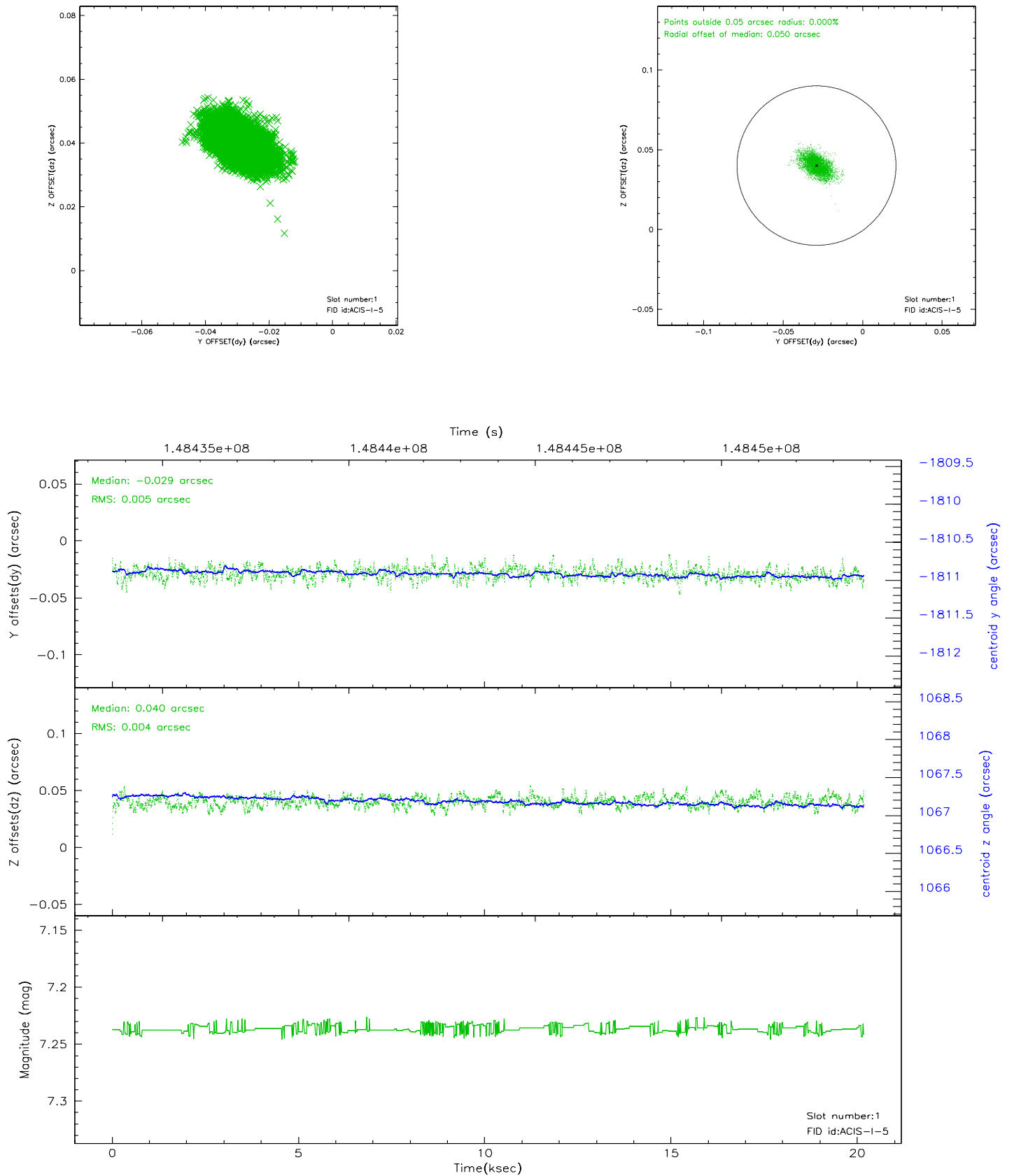


2.5 FID Slots

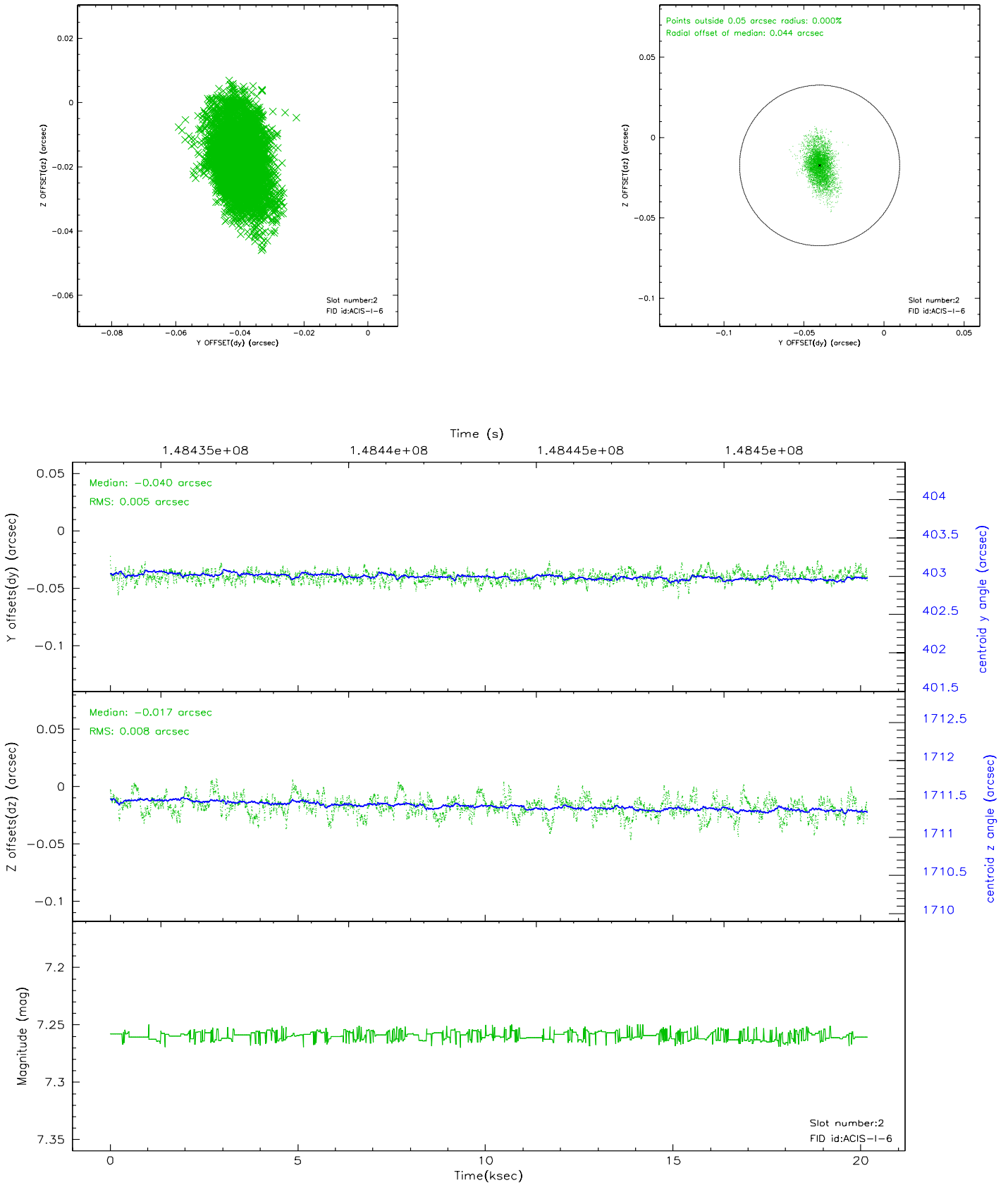
2.5.1 Slot 0



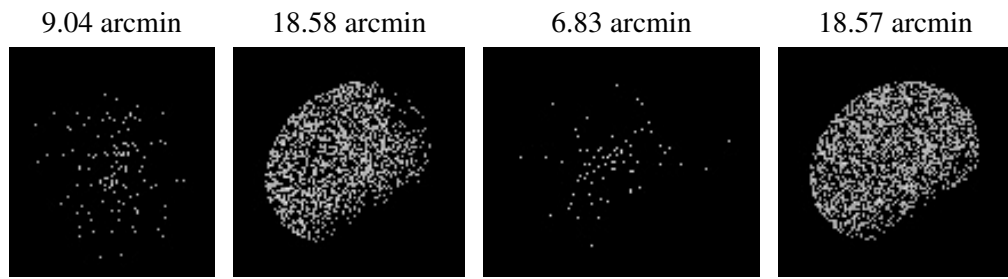
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.756

A.2 Comments