

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1919 - L2 Version 001
Chandra X-Ray Center

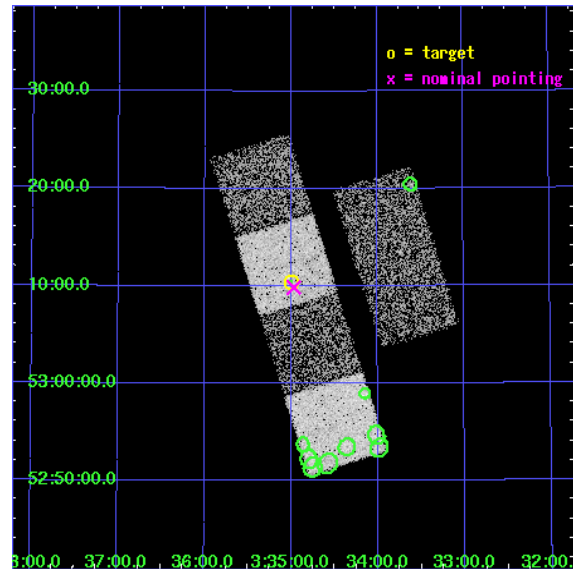
L2 Processing Date : Nov 2 2006

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1 Front

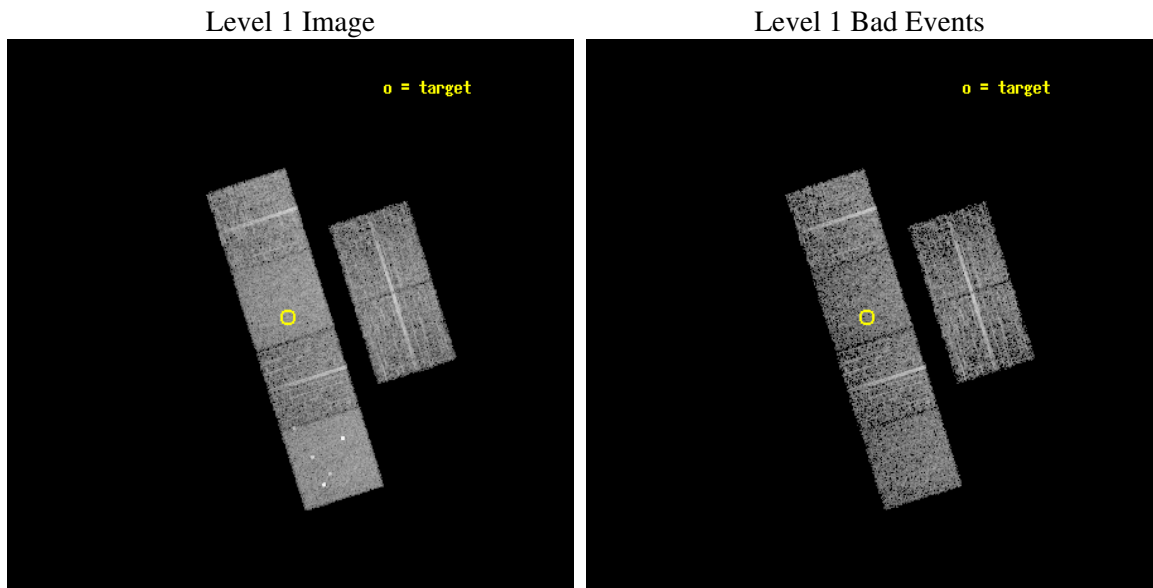
seq_num	400132
obs_id	1919
title	CHANDRA OBSERVATIONS OF FAST SPINNING HARD TRANSIENTS IN QUIESCENCE: PROBING THE SPECTRUM DEEP IN THE PROPELLER REGIME
observer	Dr. Sergio Campana
object	V 0332+53
dtcycle	0
cycle	P
ra_targ	53.749583
dec_targ	53.173111
ra_nom	53.742039437901
dec_nom	53.164391523216
roll_nom	252.43268269792
revision	2
ontime	5145.6000047922
livetime	5080.4433192232
ontime2	5145.6000047922
ontime3	5145.6000047922
ontime5	5145.6000047922
ontime6	5145.6000047922
ontime7	5145.6000047922
ontime8	5145.6000047922
l2events	43529



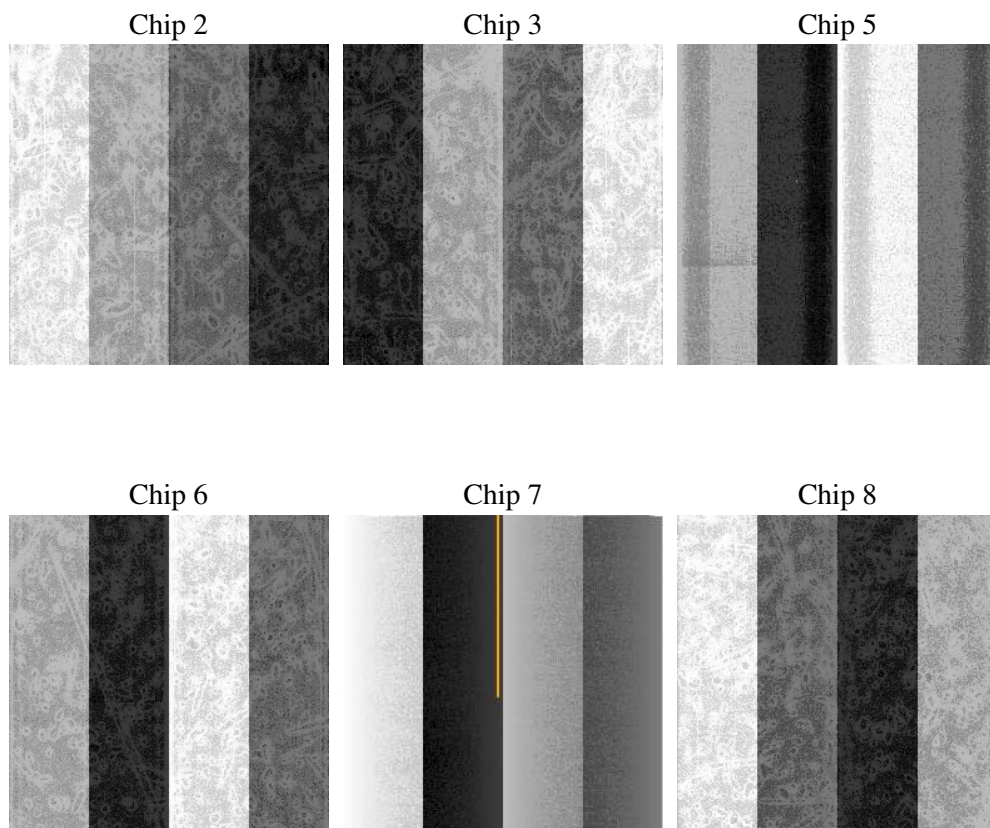
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-02T11:57:20
revision	2

sched_exp_time	5000.000000
ontime	6482.0039286315
ontime2	6404.2189686298
ontime3	6404.2189686298
ontime5	6482.0039286315
ontime6	6420.4241686165
ontime7	6482.0039286315
ontime8	6420.4241686165
l1events	265950

2.1.4 Events

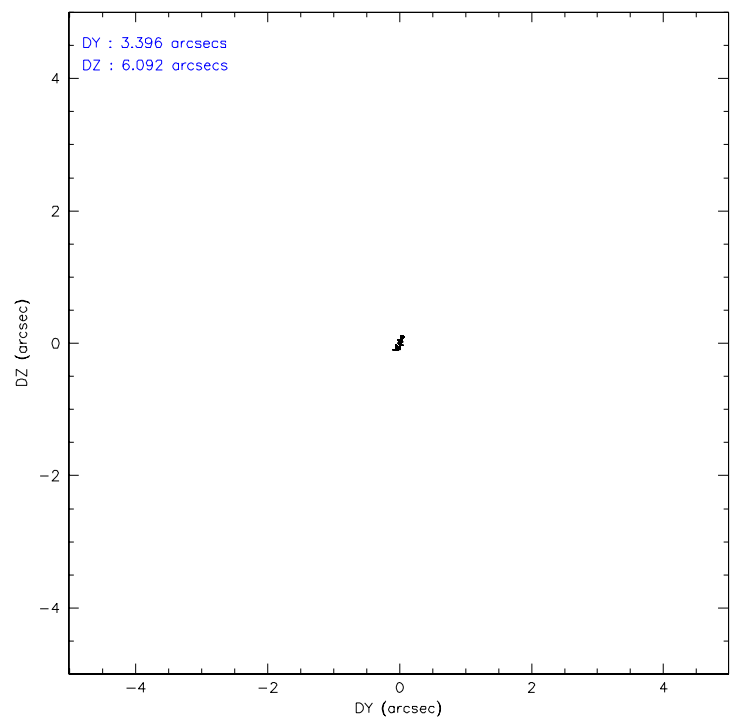
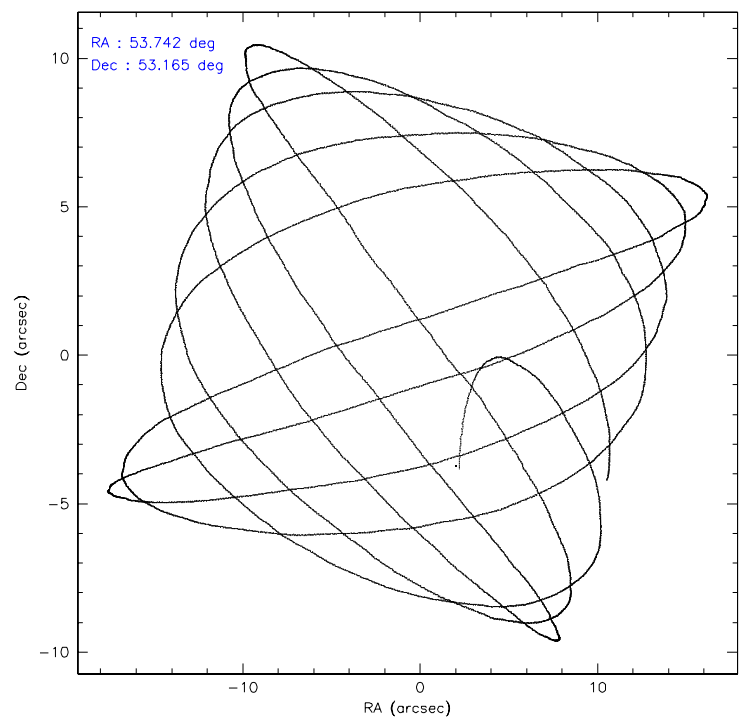
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	40052	37022	55054	37706	48561	47555
rejected events	36640	33700	34802	34390	33823	40531
rejected %	91%	91%	63%	91%	69%	85%

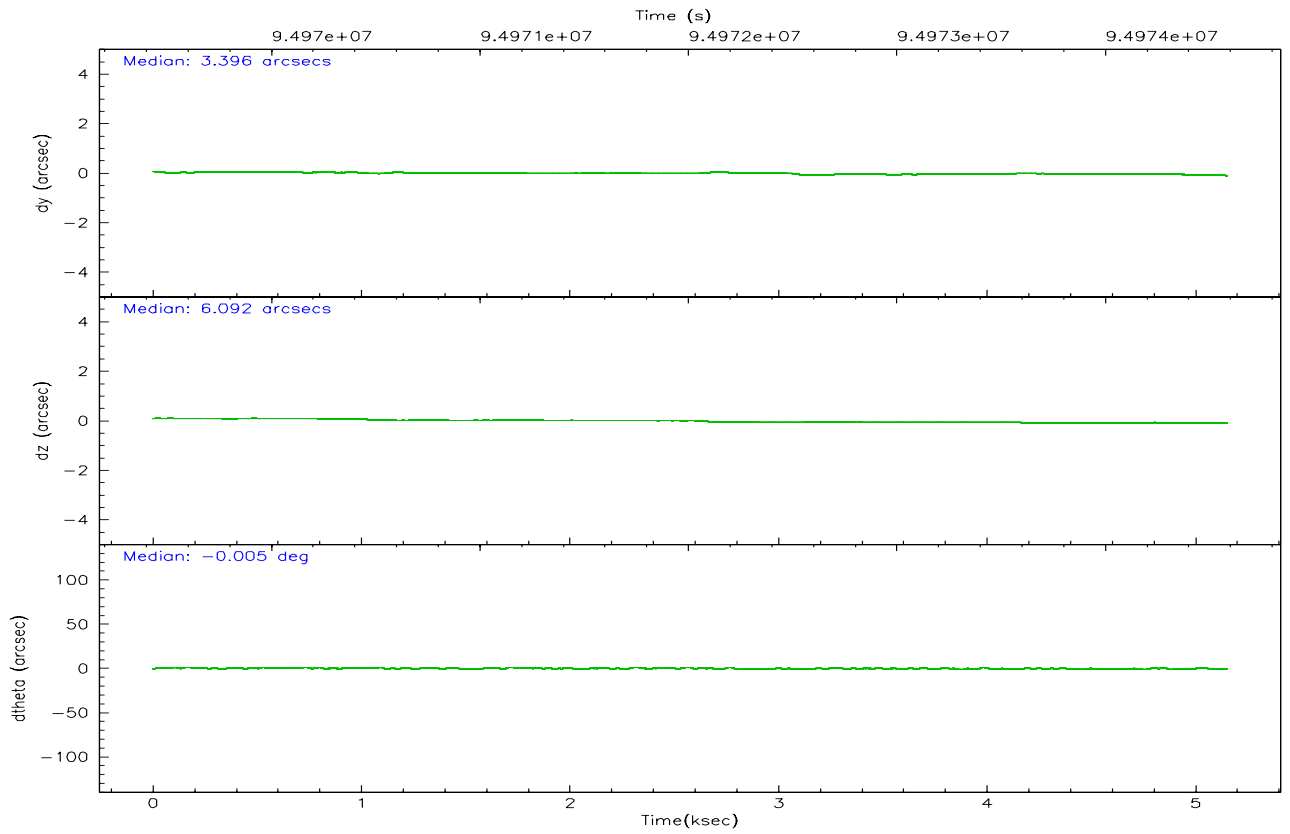
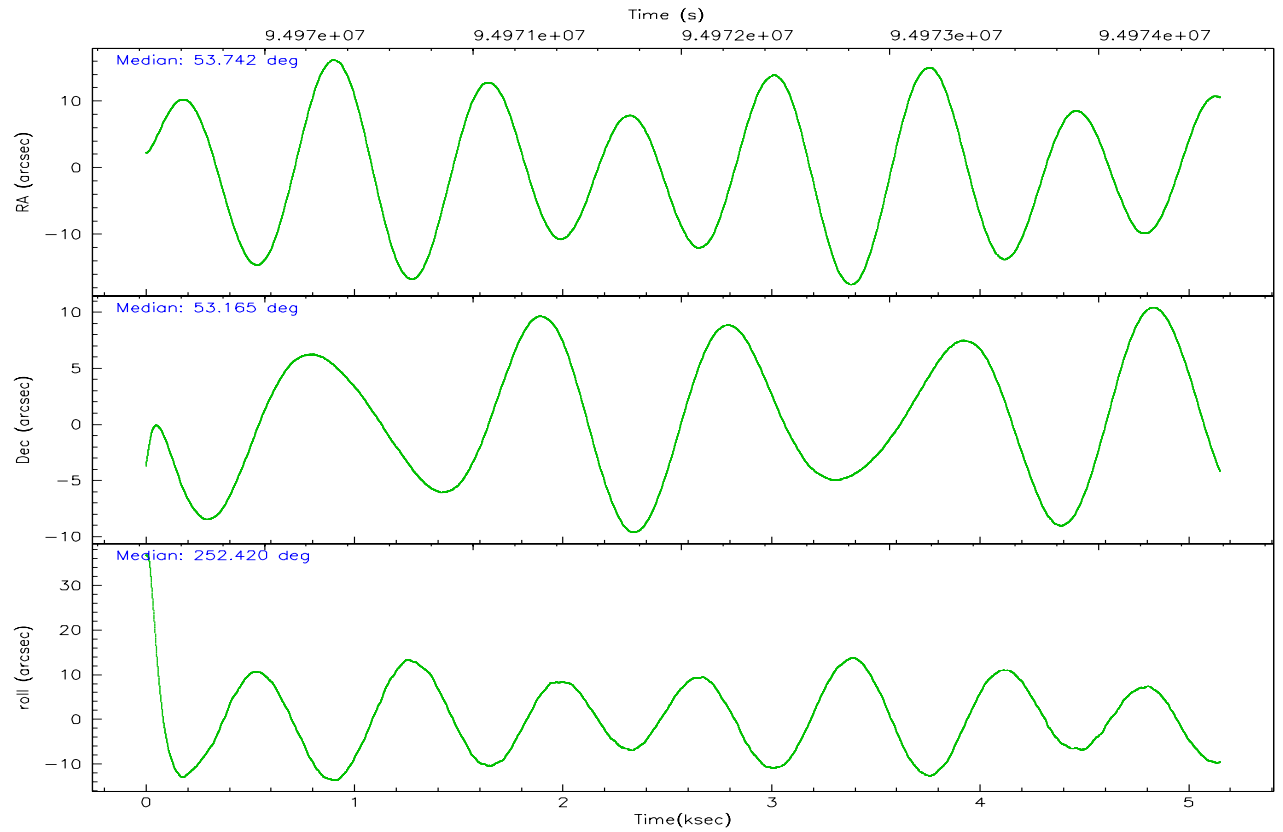
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1742	1752	4216	1652	1079	2747
	4%	4%	7%	4%	2%	5%
grade 1 events	21	18	107	13	21	18
	0%	0%	0%	0%	0%	0%
grade 2 events	913	754	7176	822	4600	1914
	2%	2%	13%	2%	9%	4%
grade 3 events	382	432	517	389	996	991
	0%	1%	0%	1%	2%	2%
grade 4 events	404	418	553	438	993	887
	1%	1%	1%	1%	2%	1%
grade 5 events	1263	1448	2620	1612	3362	1971
	3%	3%	4%	4%	6%	4%
grade 6 events	795	799	12986	884	10840	2354
	1%	2%	23%	2%	22%	4%
grade 7 events	34532	31401	26879	31896	26670	36673
	86%	84%	48%	84%	54%	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	53.731700	53.74203943790083	Subarray requested	NONE	NONE
Pointing Dec	53.191058	53.16439152321645	Alternating exposures requested	N	N
Pointing Roll	252.284218	252.4326826979154	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	94969584.184000	94967860.99925201			
Observation start date	2001-01-04T04:25:20	2001-01-04T03:57:40			
Observation end time	94974584.184000	94975427.03704201			
Observation end date	2001-01-04T05:48:40	2001-01-04T06:03:47			
Read mode	TIMED	TIMED			

2.3 Aspect



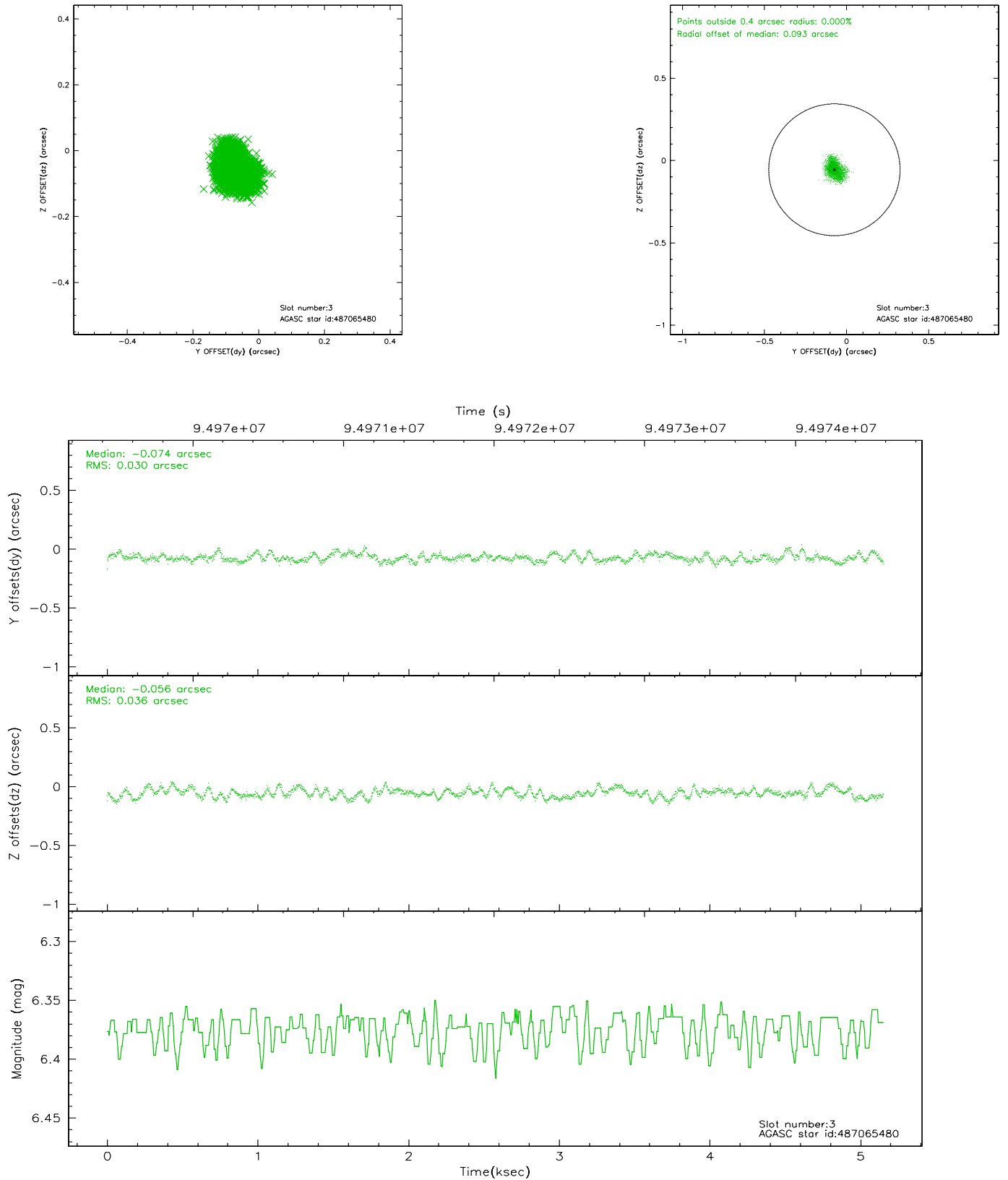


Slot Statistics

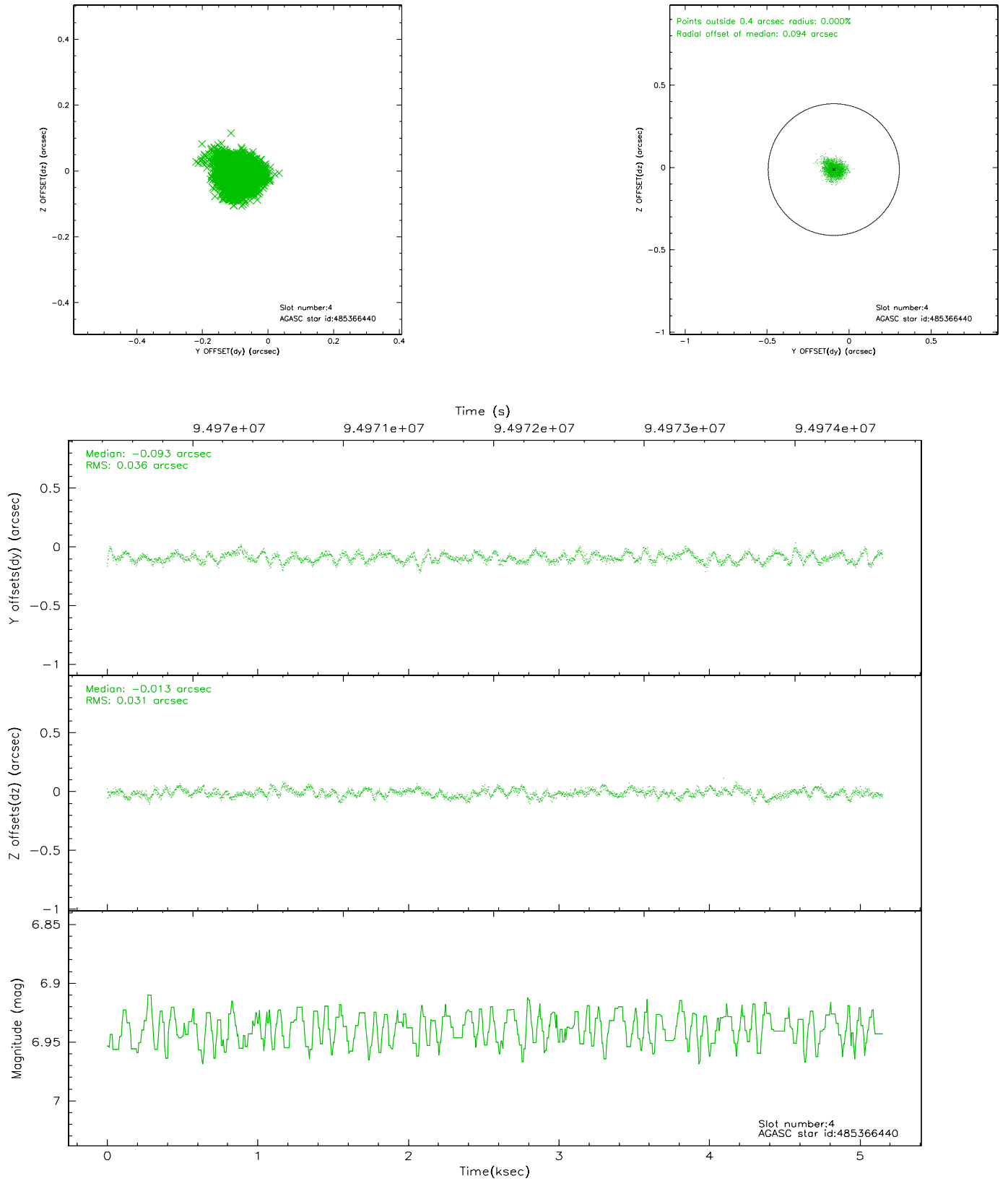
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1257	-0.011	0.036	0.007	0.010	0.000000	0.000000	-756.03	-1727.20
1	FID	ACIS-S-4	7.21	1257	-0.046	-0.004	0.005	0.009	0.000000	0.000000	2156.66	180.07
2	FID	ACIS-S-5	7.24	1257	0.025	-0.022	0.006	0.011	0.000000	0.000000	-1807.35	175.01
3	GUIDE	487065480	6.37	2514	-0.074	-0.056	0.050	0.080	54.109072	52.931399	639.81	1063.41
4	GUIDE	485366440	6.94	2514	-0.093	-0.013	0.051	0.080	52.573797	52.894809	1763.35	-2076.79
5	GUIDE	487065288	8.54	2513	-0.018	0.067	0.054	0.087	54.230566	52.888519	705.46	1361.36
6	GUIDE	487066104	9.16	2512	0.181	-0.002	0.072	0.117	53.344550	52.952613	1072.54	-539.10
7	MONITOR		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

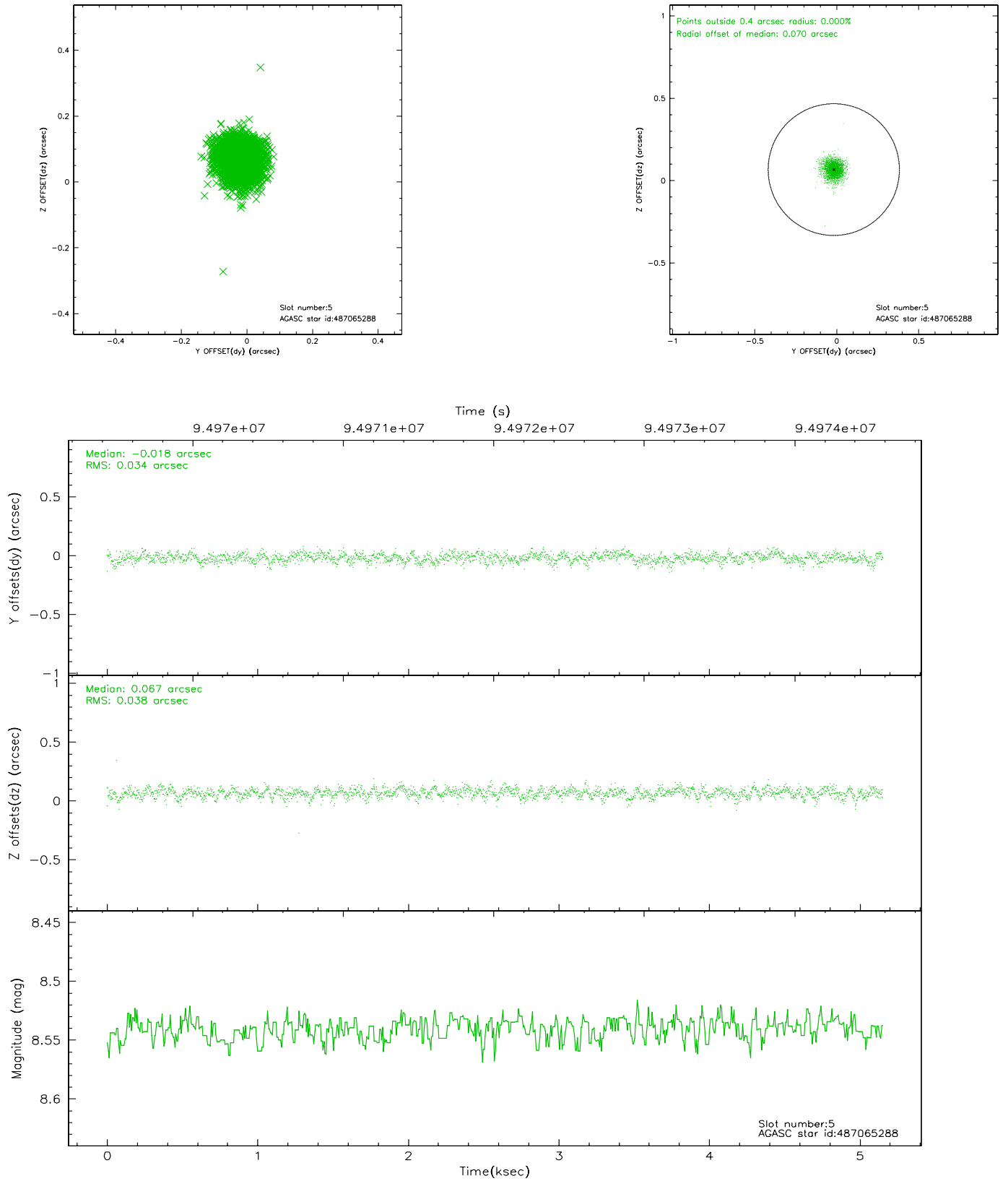
2.4.1 Slot 3



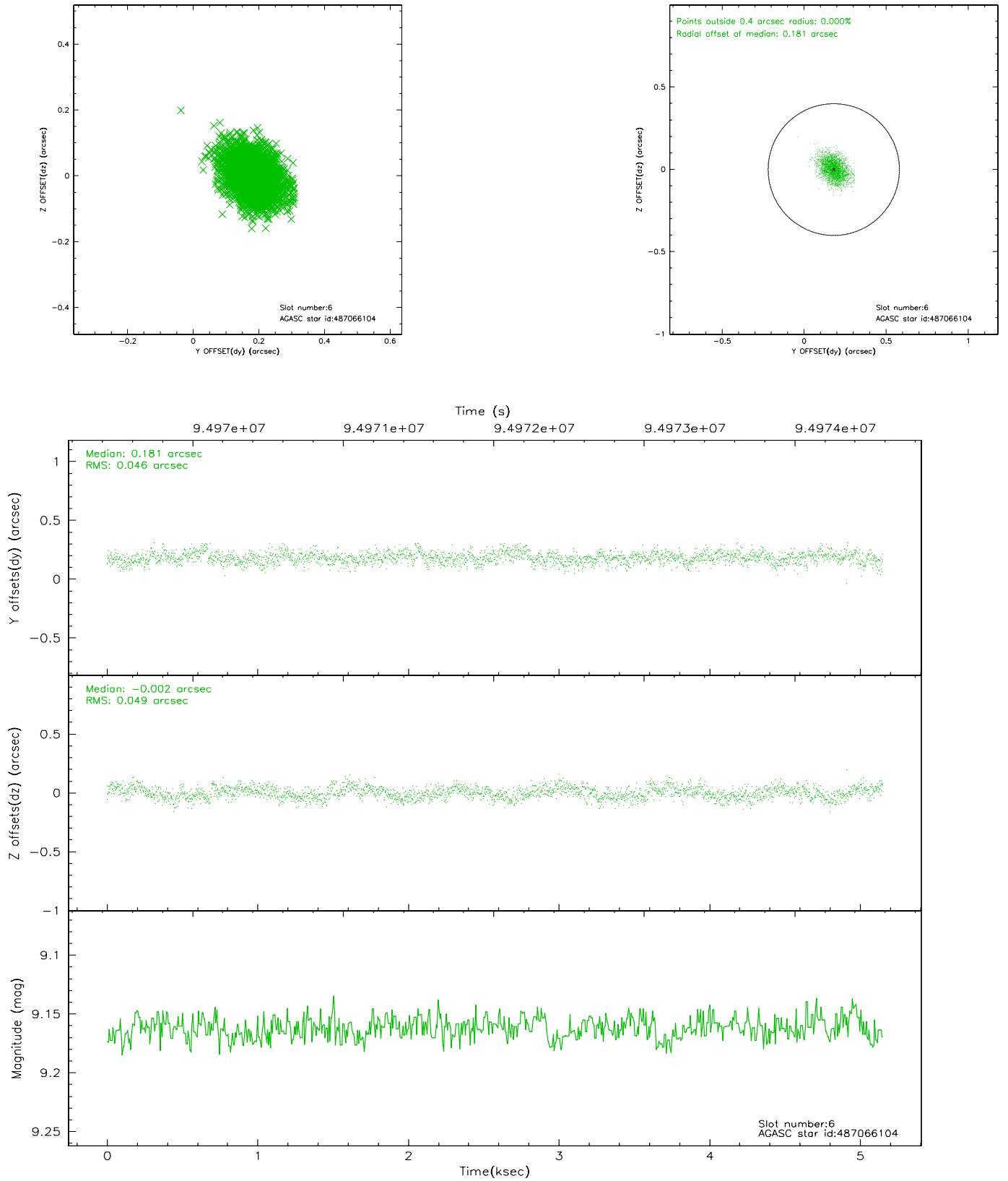
2.4.2 Slot 4



2.4.3 Slot 5

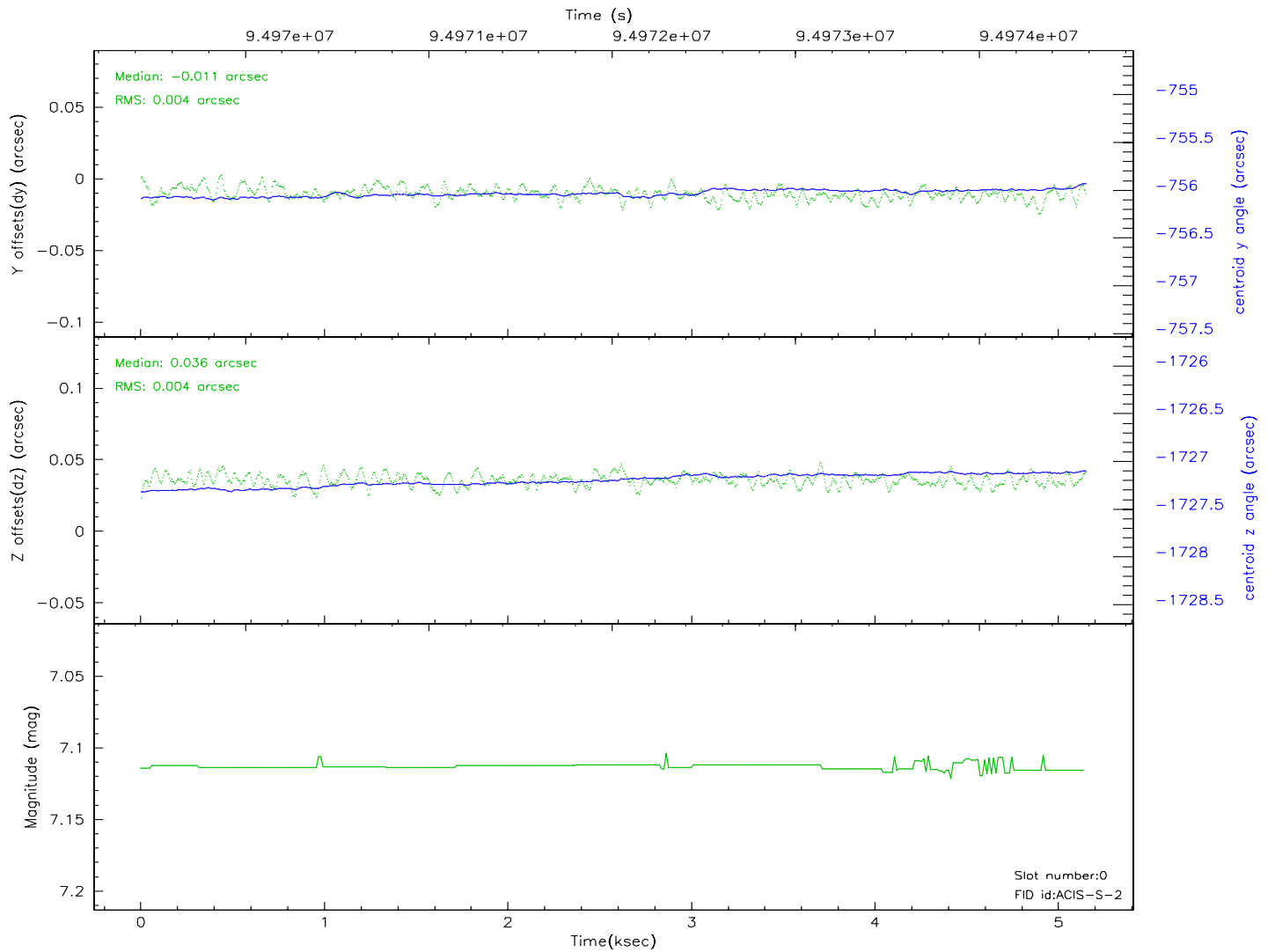
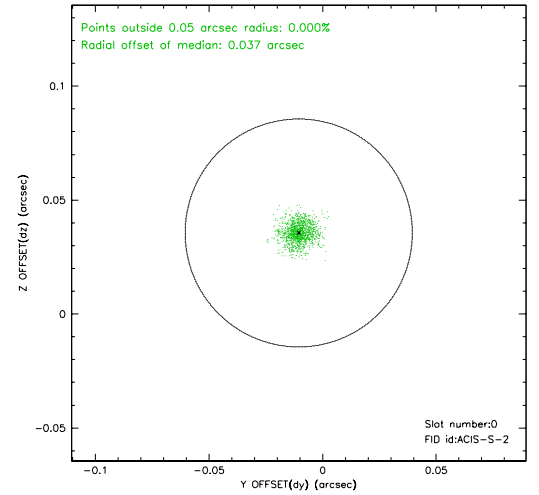
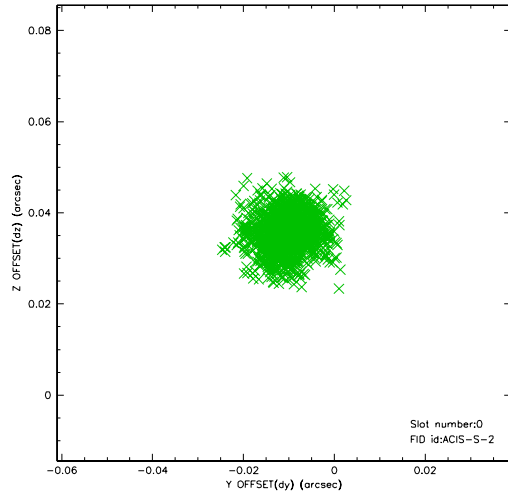


2.4.4 Slot 6

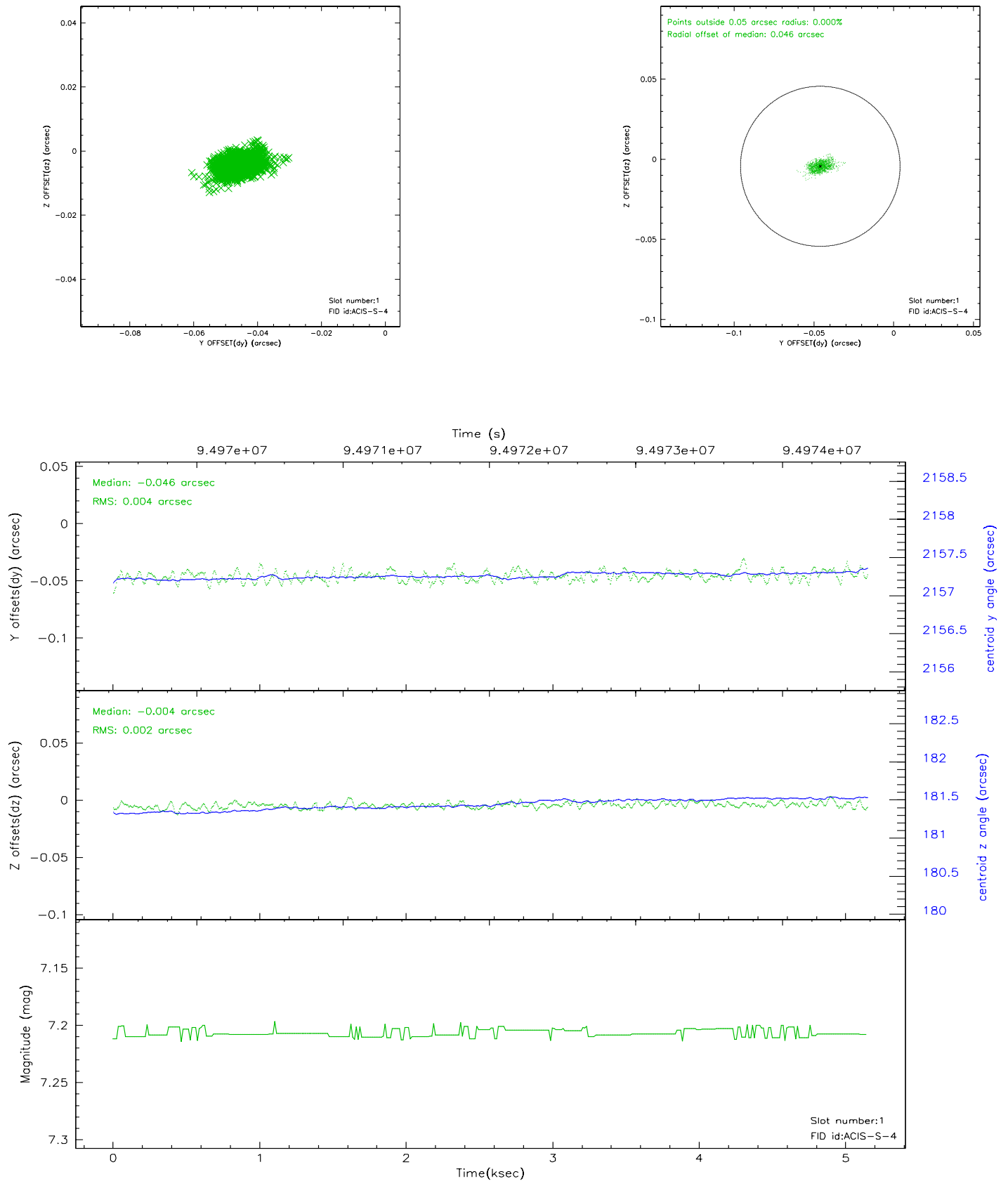


2.5 FID Slots

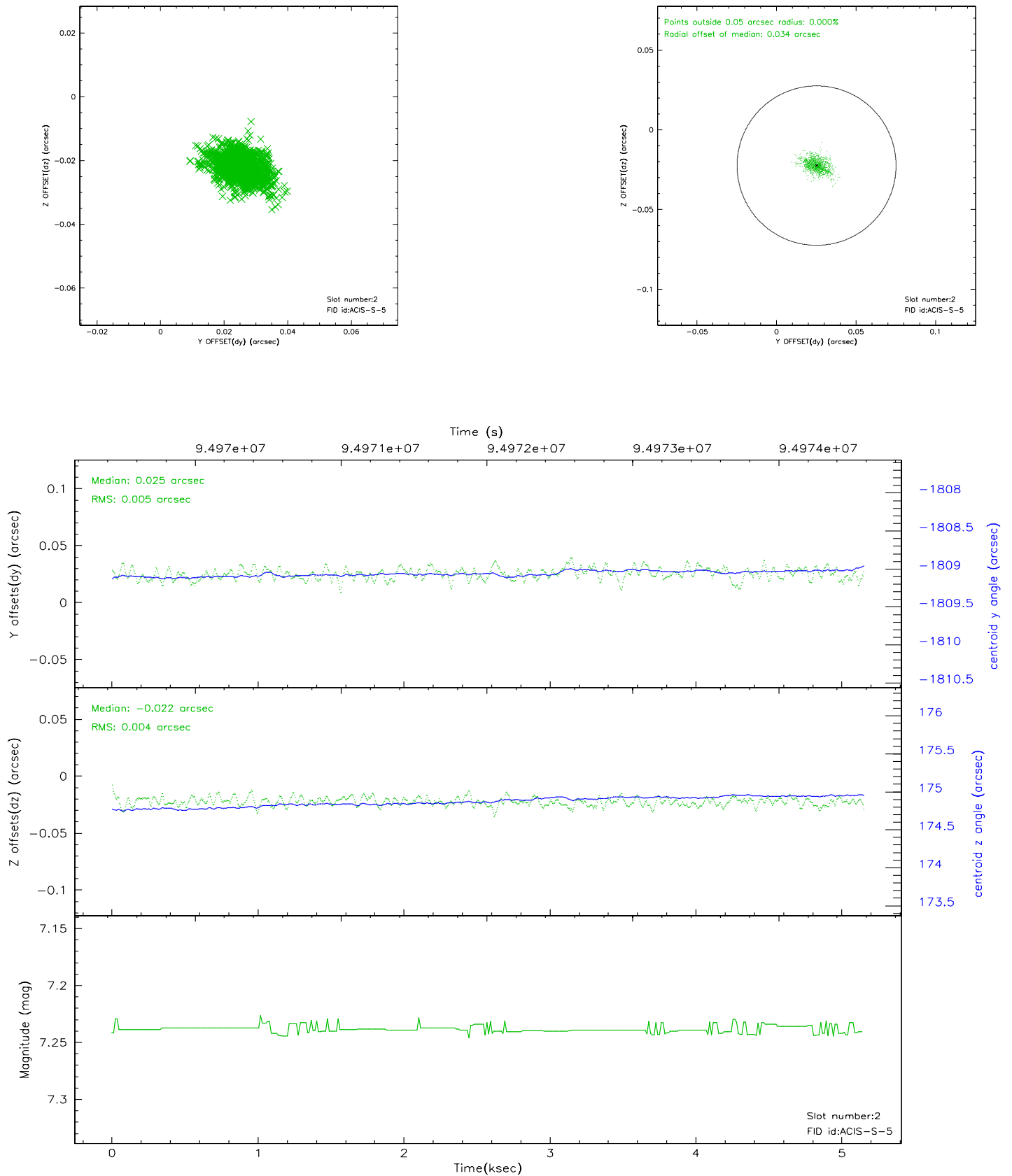
2.5.1 Slot 0



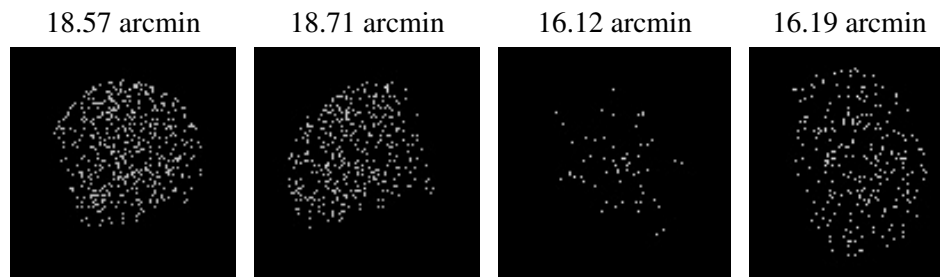
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.145

A.2 Comments

Faint point source at source location.