

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1587 - L2 Version 001
Chandra X-Ray Center

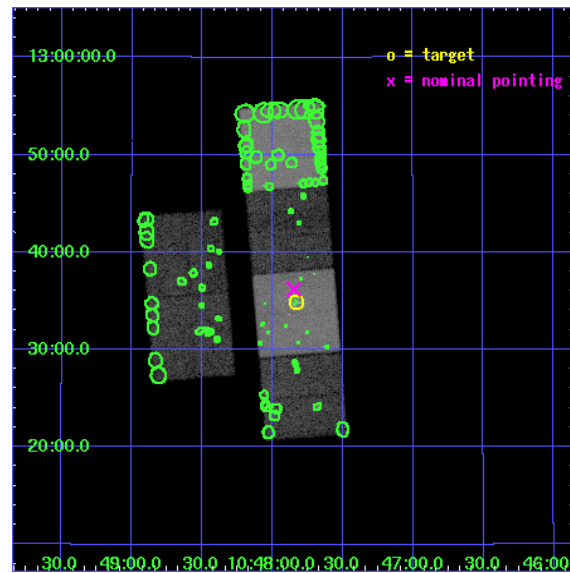
L2 Processing Date : Nov 6 2006

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1 Front

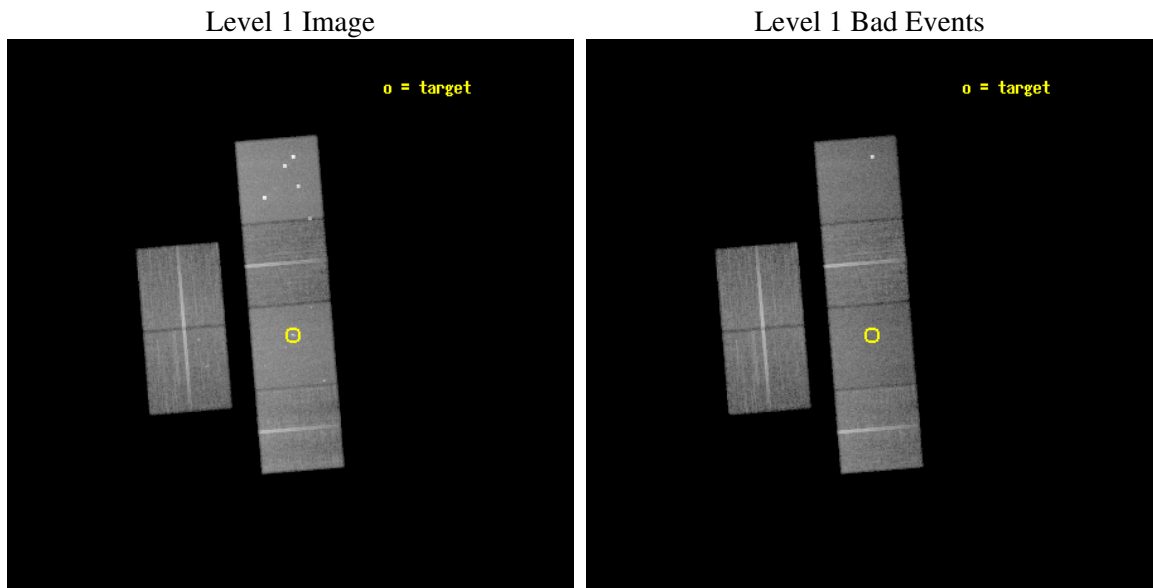
seq_num	600144
obs_id	1587
title	CHANDRA OBSERVATIONS OF THE ELLIPTICAL GALAXY NGC3379
observer	Dr. Stephen Murray
object	NGC3379
dtcycle	0
cycle	P
ra_targ	161.958333
dec_targ	12.5825
ra_nom	161.96193925144
dec_nom	12.603098584976
roll_nom	85.229340621573
revision	2
ontime	31923.200029731
livetime	31518.969249111
ontime2	31916.718109161
ontime3	31919.9590794
ontime5	31923.200029731
ontime6	31919.95902957
ontime7	31923.200029731
ontime8	31919.9590794
l2events	289180



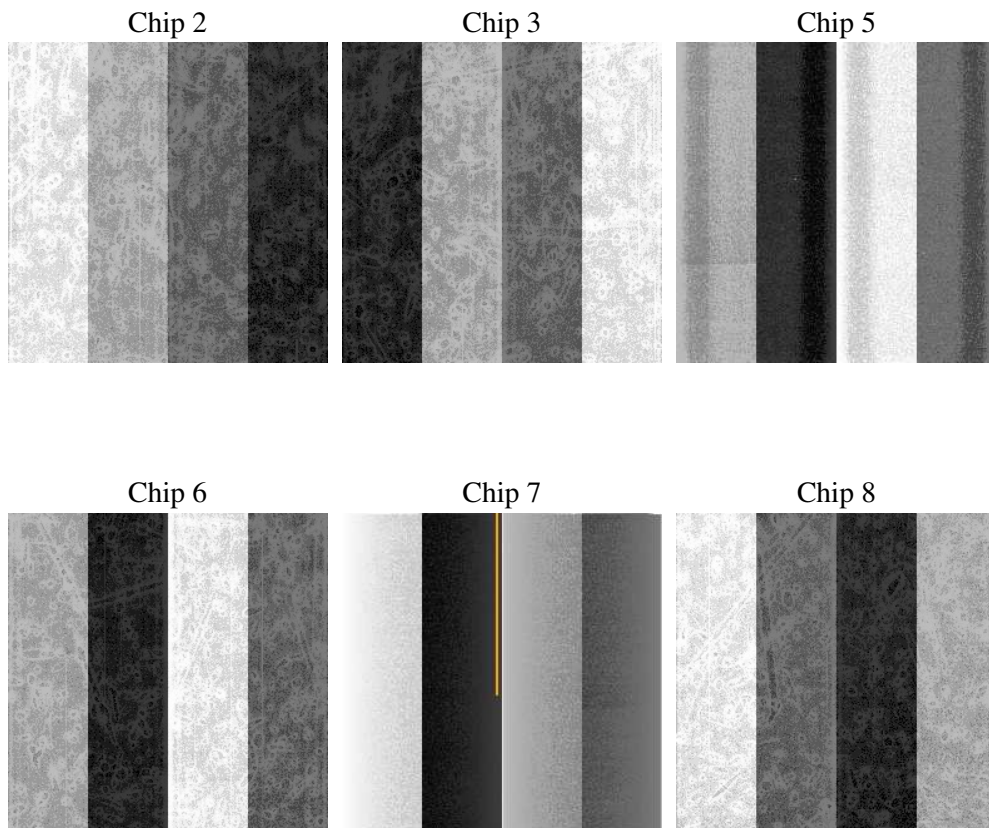
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-06T18:50:23
revision	2

sched_exp_time	32000.000000
ontime	31927.122750506
ontime2	31920.640829936
ontime3	31923.881800175
ontime5	31927.122770444
ontime6	31923.881750345
ontime7	31927.122750506
ontime8	31923.881800175
l1events	1372703

2.1.4 Events

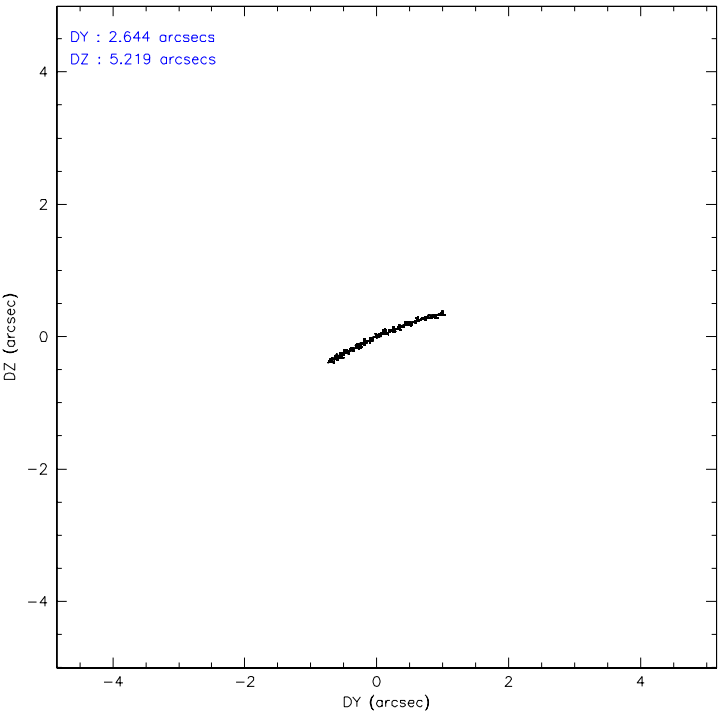
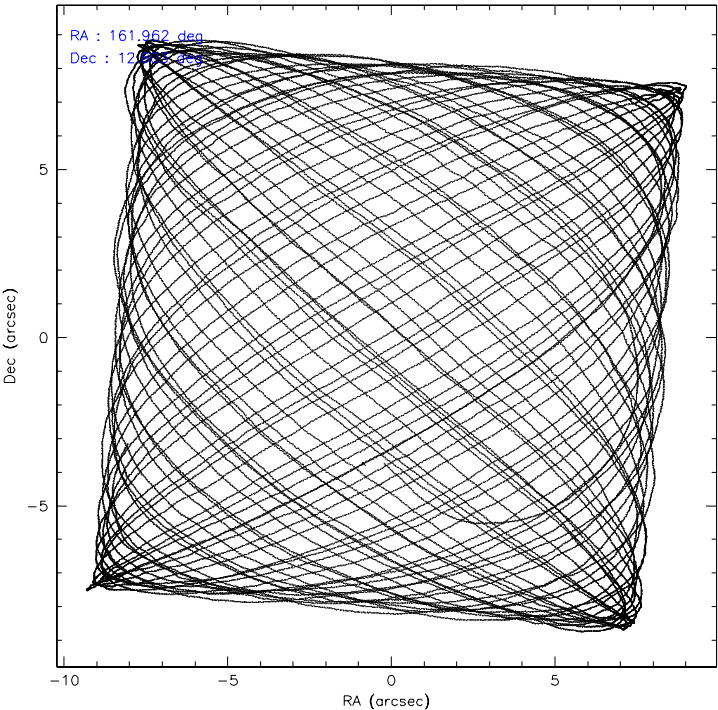
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	201089	190095	293868	195575	252997	239079
rejected events	179242	167304	155457	173578	152195	191656
rejected %	89%	88%	52%	88%	60%	80%

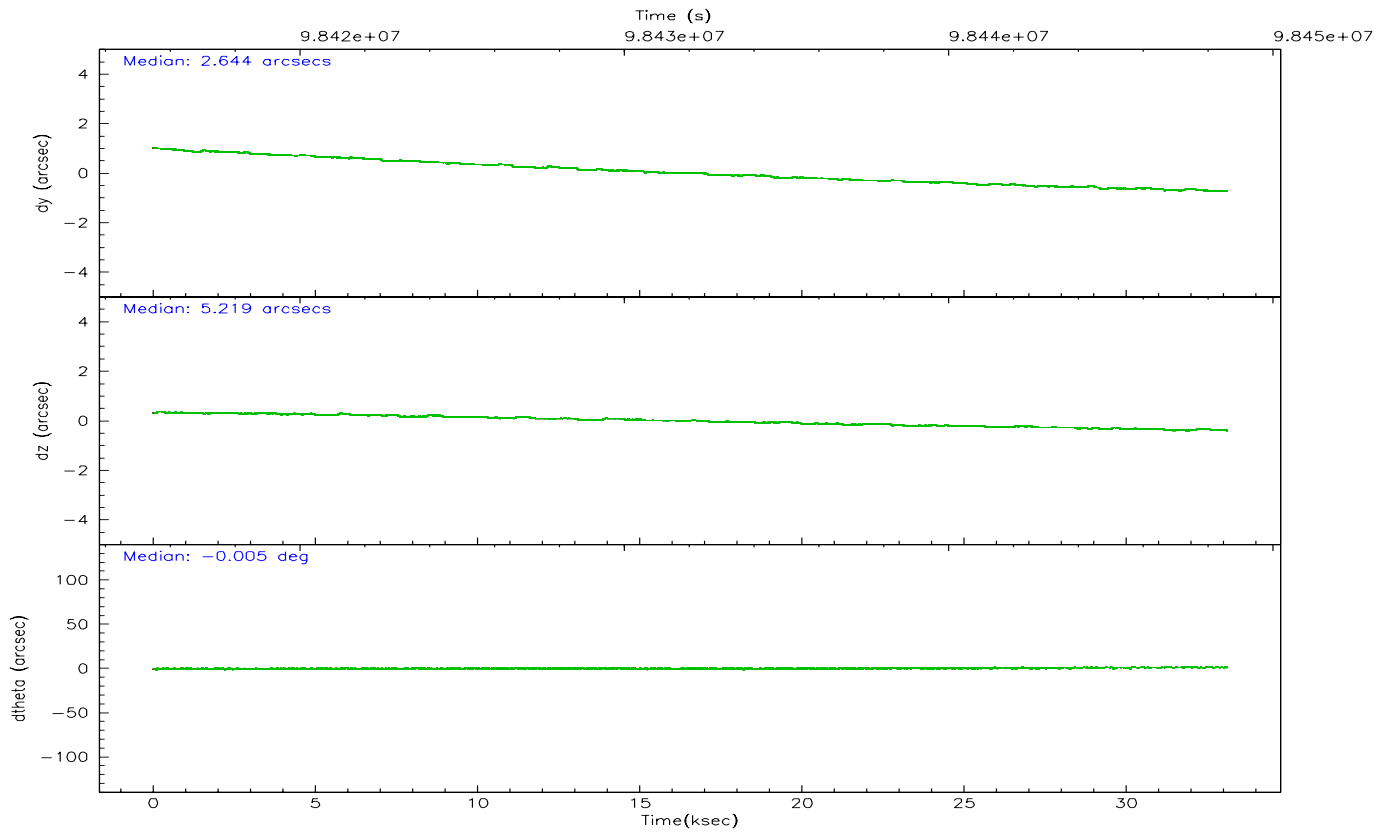
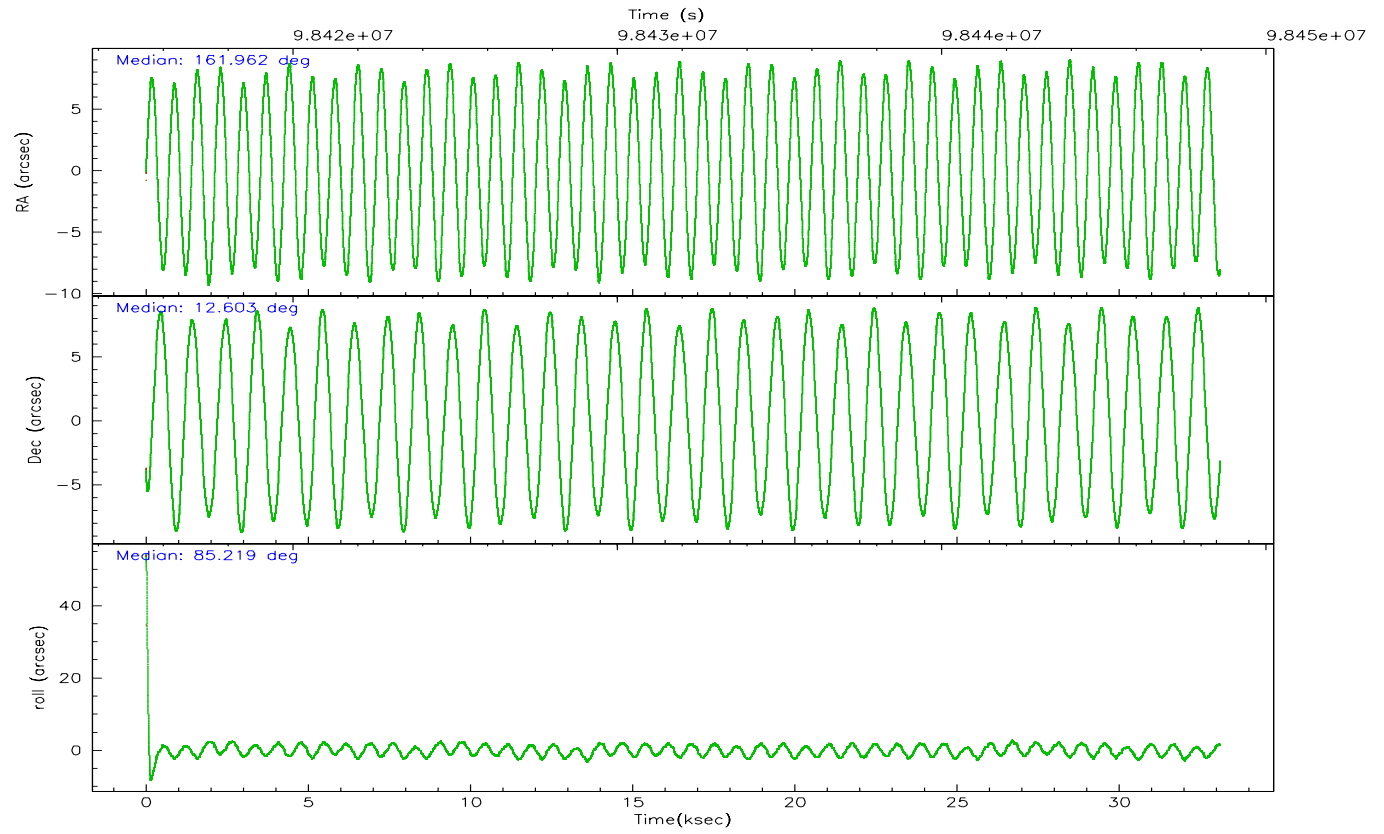
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9074	10041	25143	8822	7635	15177
	4%	5%	8%	4%	3%	6%
grade 1 events	75	89	202	77	126	137
	0%	0%	0%	0%	0%	0%
grade 2 events	4748	4492	39945	4498	24517	10097
	2%	2%	13%	2%	9%	4%
grade 3 events	2084	2143	2804	2249	5882	5197
	1%	1%	0%	1%	2%	2%
grade 4 events	2033	2157	2707	2198	5539	4845
	1%	1%	0%	1%	2%	2%
grade 5 events	6771	7272	14944	8019	16887	10042
	3%	3%	5%	4%	6%	4%
grade 6 events	3909	3961	67827	4231	57242	12112
	1%	2%	23%	2%	22%	5%
grade 7 events	172395	159940	140296	165481	135169	181472
	85%	84%	47%	84%	53%	75%

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	161.974093	161.9619392514375	Subarray requested	NONE	NONE
Pointing Dec	12.578496	12.60309858497602	Alternating exposures requested	N	N
Pointing Roll	85.070040	85.2293406215733	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	98416590.184000	98415171.881807			
Observation start date	2001-02-13T01:55:26	2001-02-13T01:32:51			
Observation end time	98448590.184000	98449352.55812401			
Observation end date	2001-02-13T10:48:46	2001-02-13T11:02:32			
Read mode	TIMED	TIMED			

2.3 Aspect



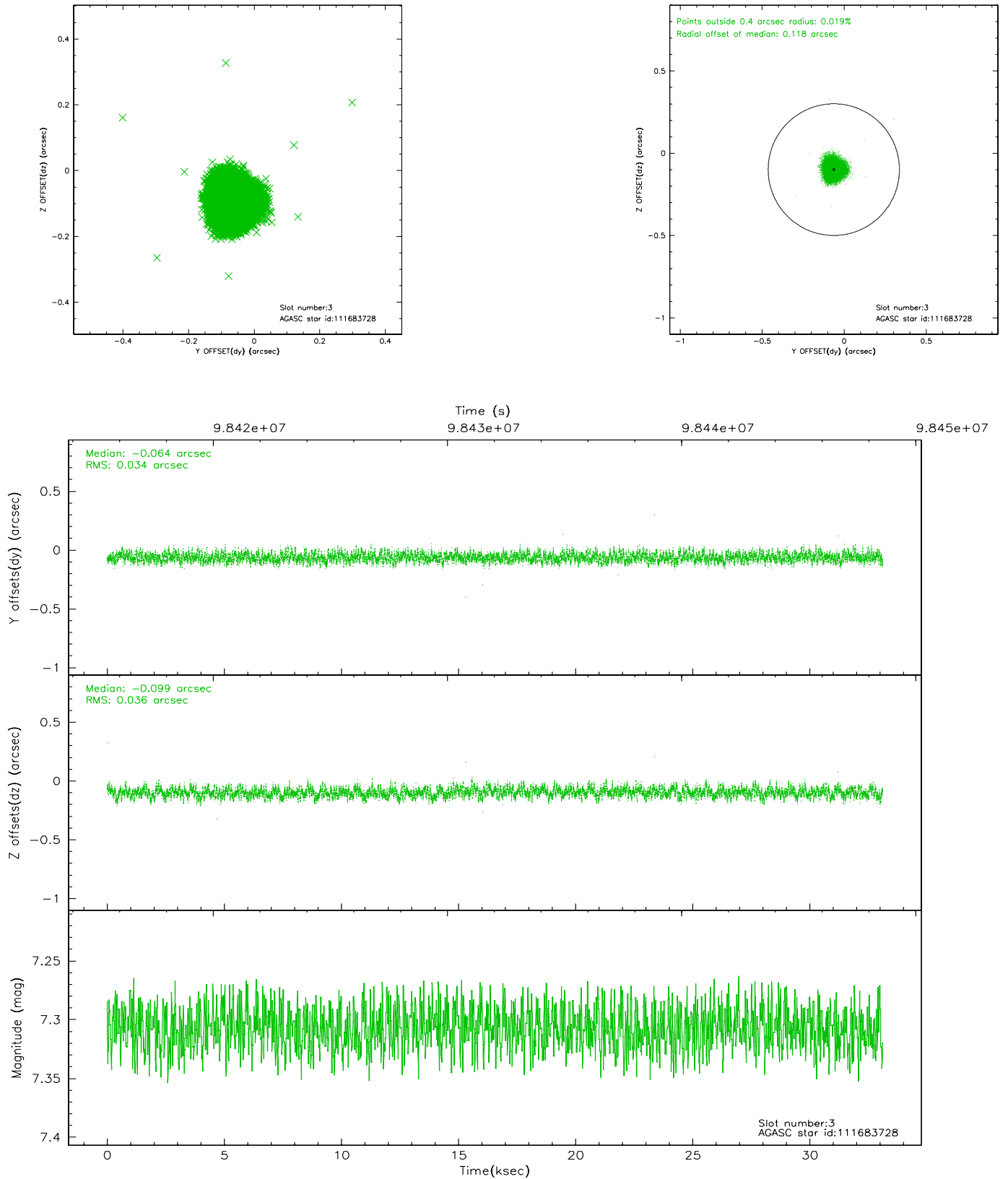


Slot Statistics

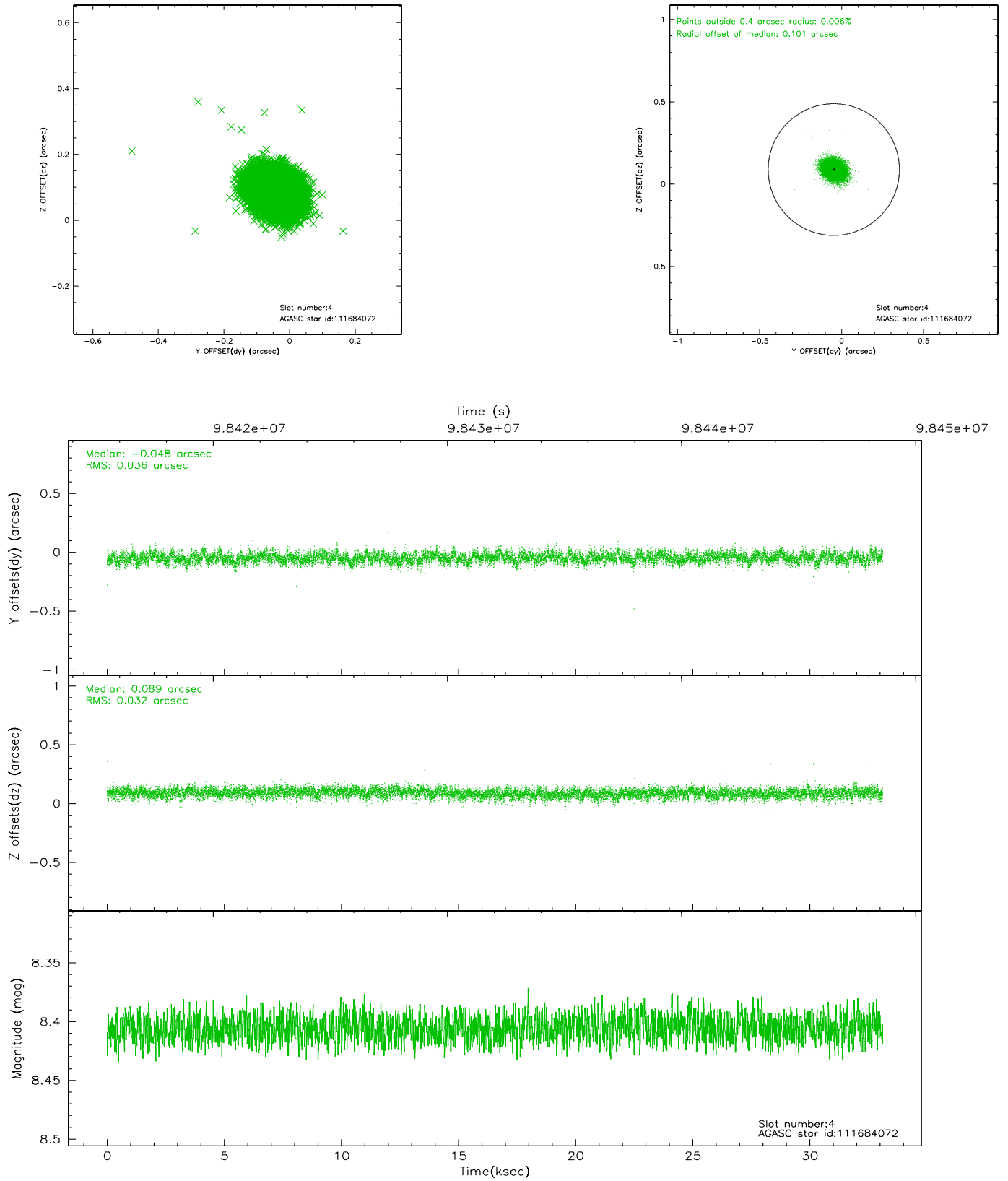
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	8074	-0.020	0.020	0.009	0.015	0.000000	0.000000	-755.30	-1726.32
1	FID	ACIS-S-4	7.20	8076	-0.067	0.004	0.011	0.019	0.000000	0.000000	2157.87	182.16
2	FID	ACIS-S-5	7.24	8077	0.057	-0.016	0.011	0.020	0.000000	0.000000	-1808.04	175.78
3	GUIDE	111683728	7.31	16152	-0.064	-0.099	0.053	0.082	161.580479	12.747846	489.00	1430.10
4	GUIDE	111684072	8.41	16149	-0.048	0.089	0.051	0.084	162.537547	12.809514	1000.67	-1897.98
5	GUIDE	111682048	8.85	16141	0.036	-0.024	0.068	0.112	162.332050	12.842718	1056.44	-1169.09
6	GUIDE	111678840	9.41	16142	-0.002	-0.086	0.090	0.143	161.405295	13.145727	1864.68	2163.25
7	GUIDE	111282128	9.70	16137	0.071	0.118	0.108	0.176	162.570224	12.424897	-368.26	-2134.52

2.4 Star Slots

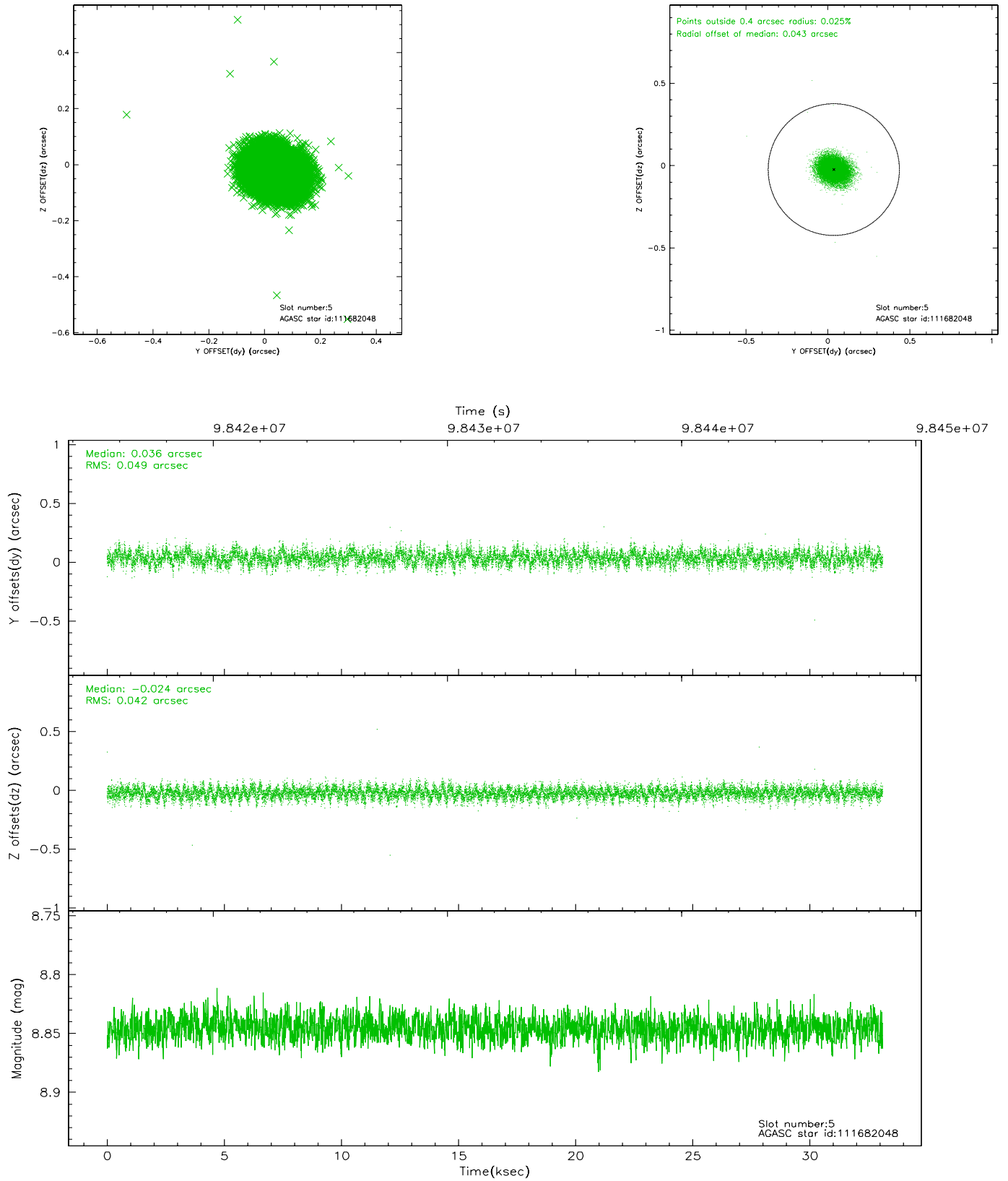
2.4.1 Slot 3



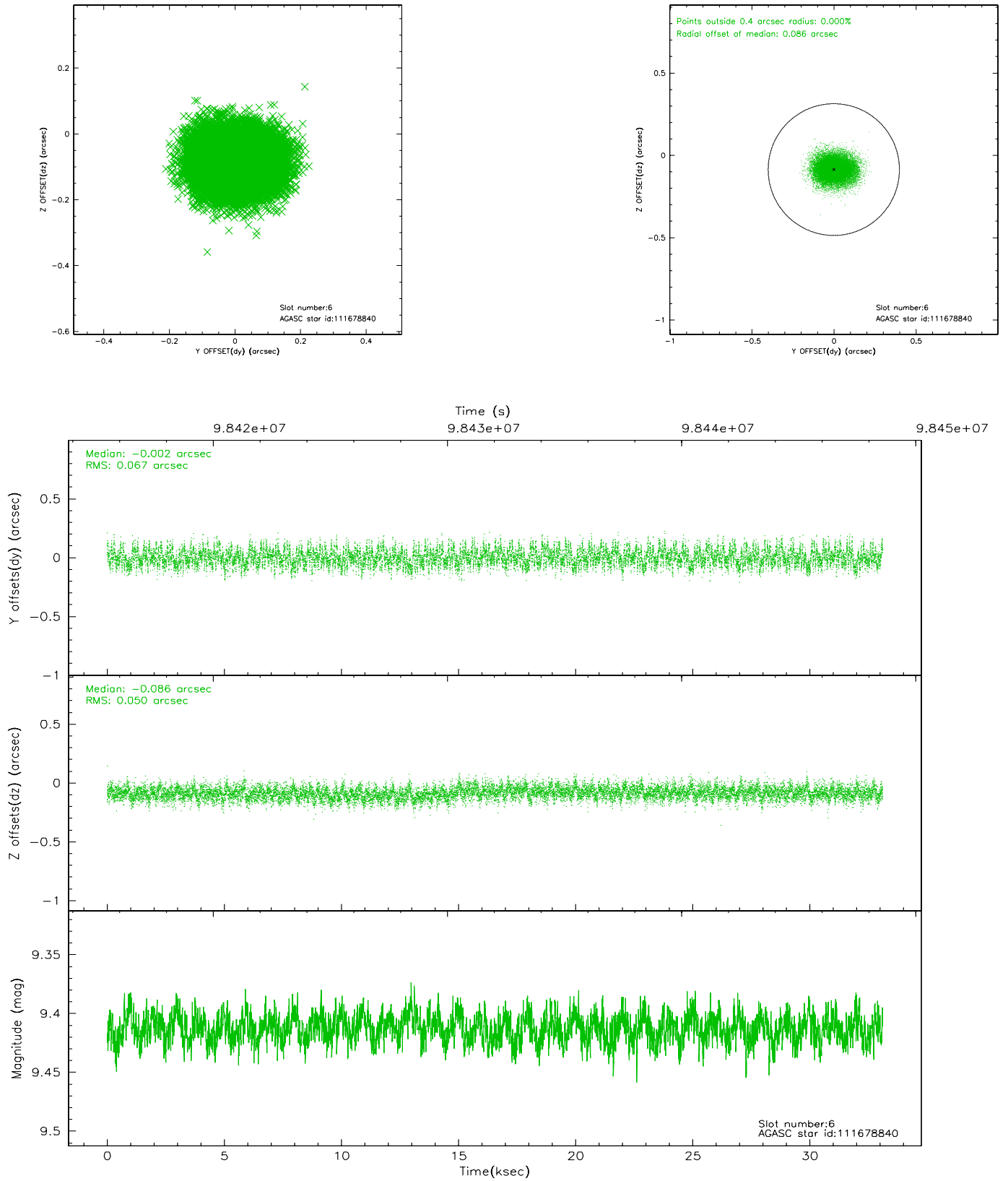
2.4.2 Slot 4



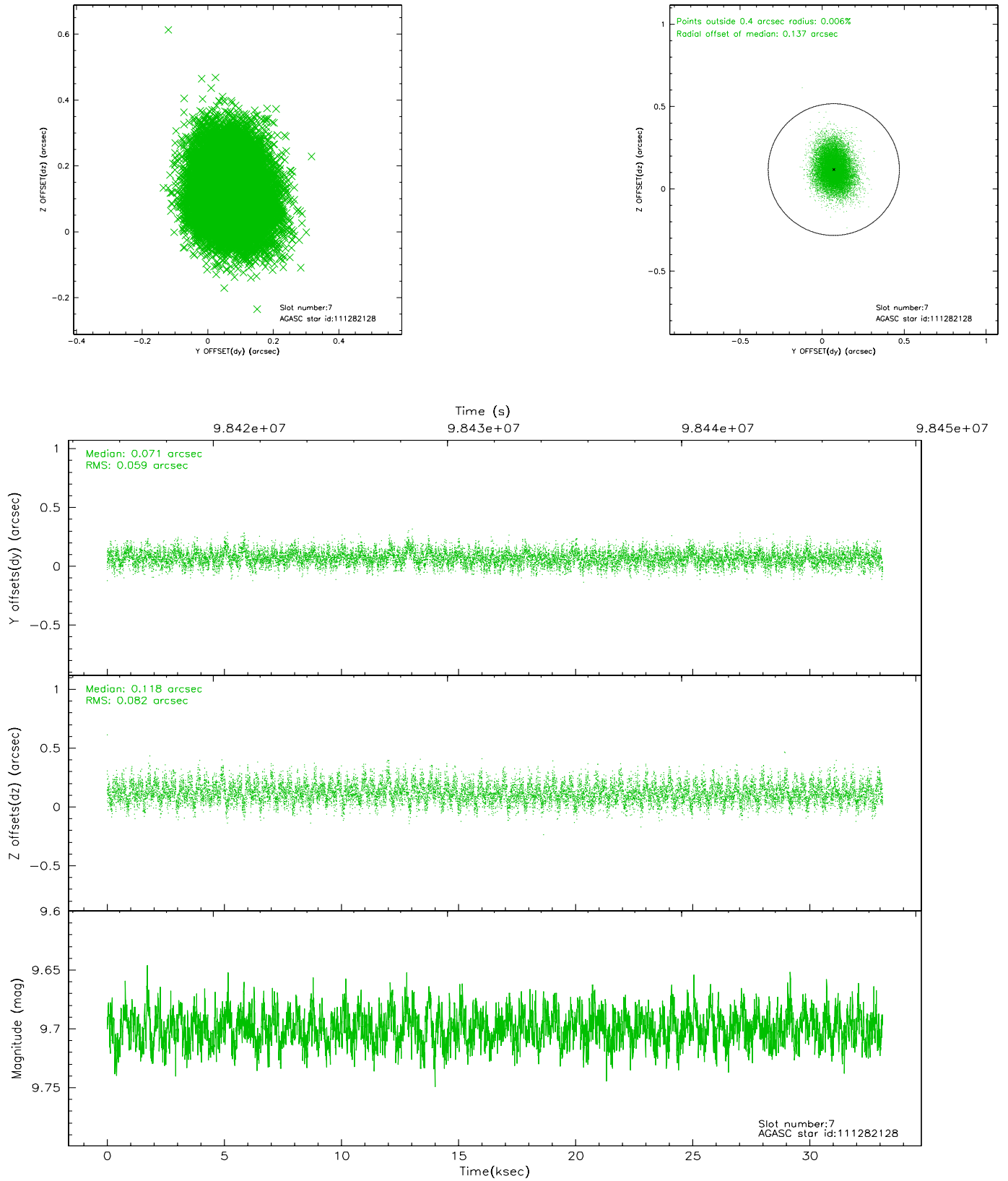
2.4.3 Slot 5



2.4.4 Slot 6

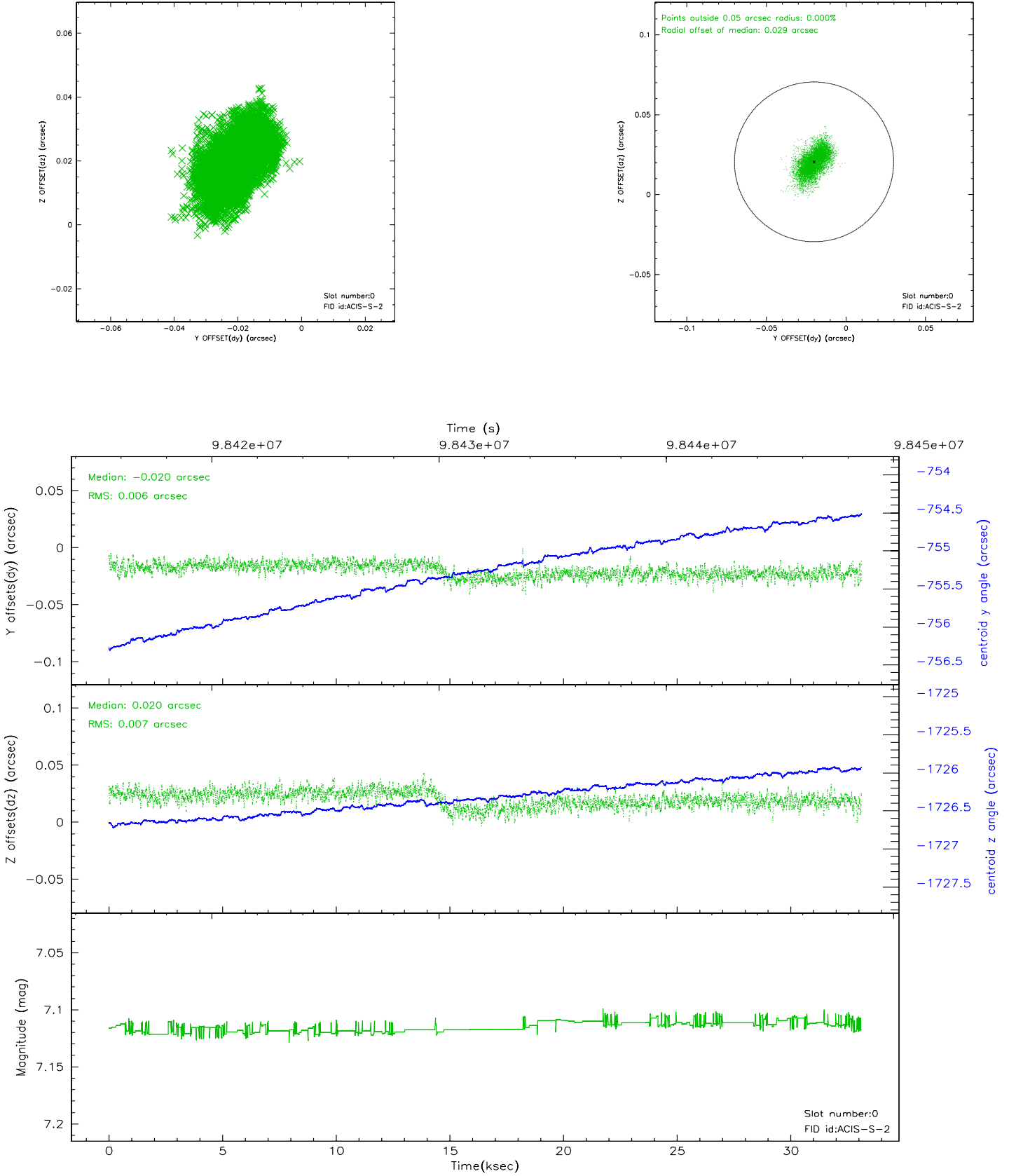


2.4.5 Slot 7

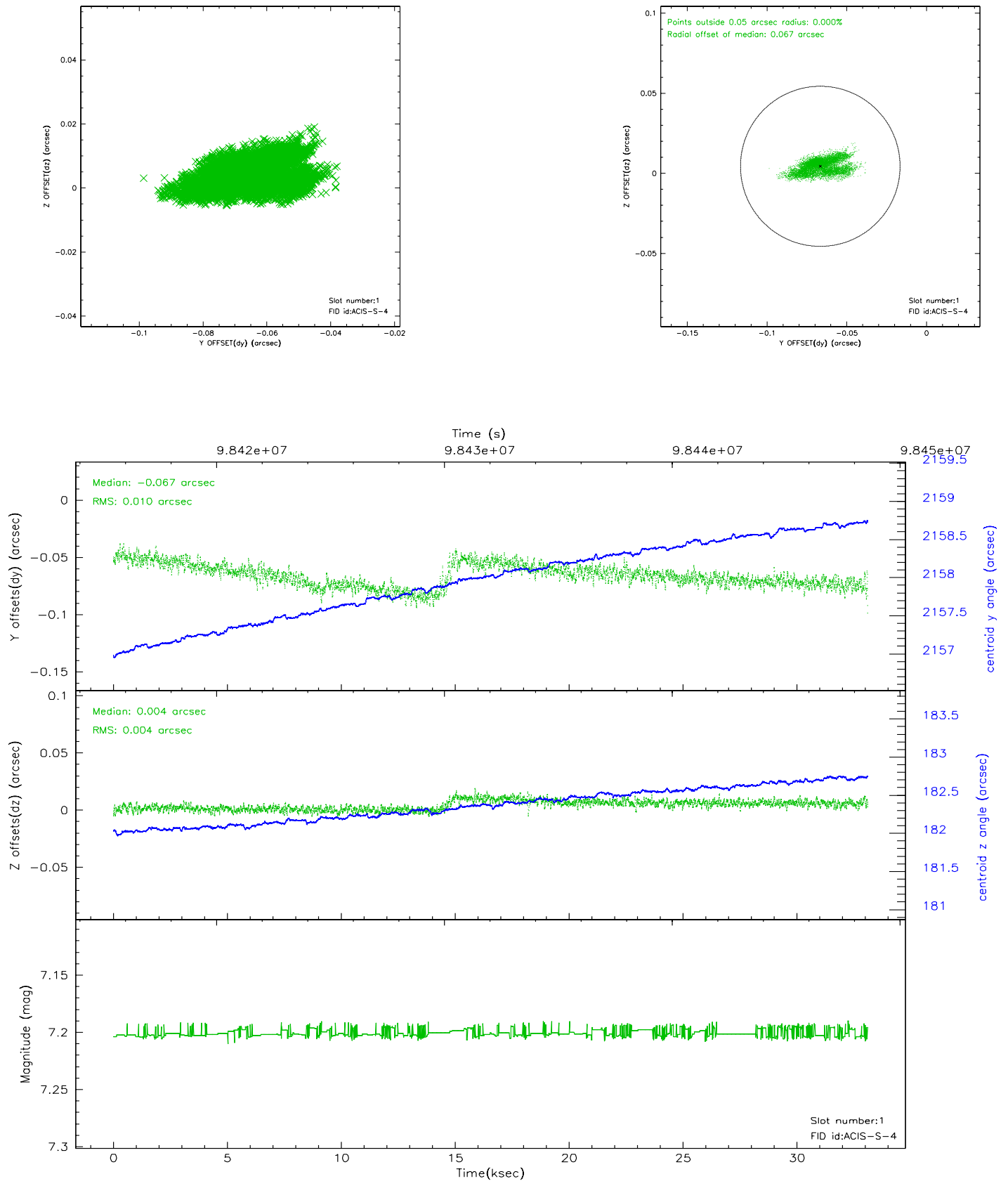


2.5 FID Slots

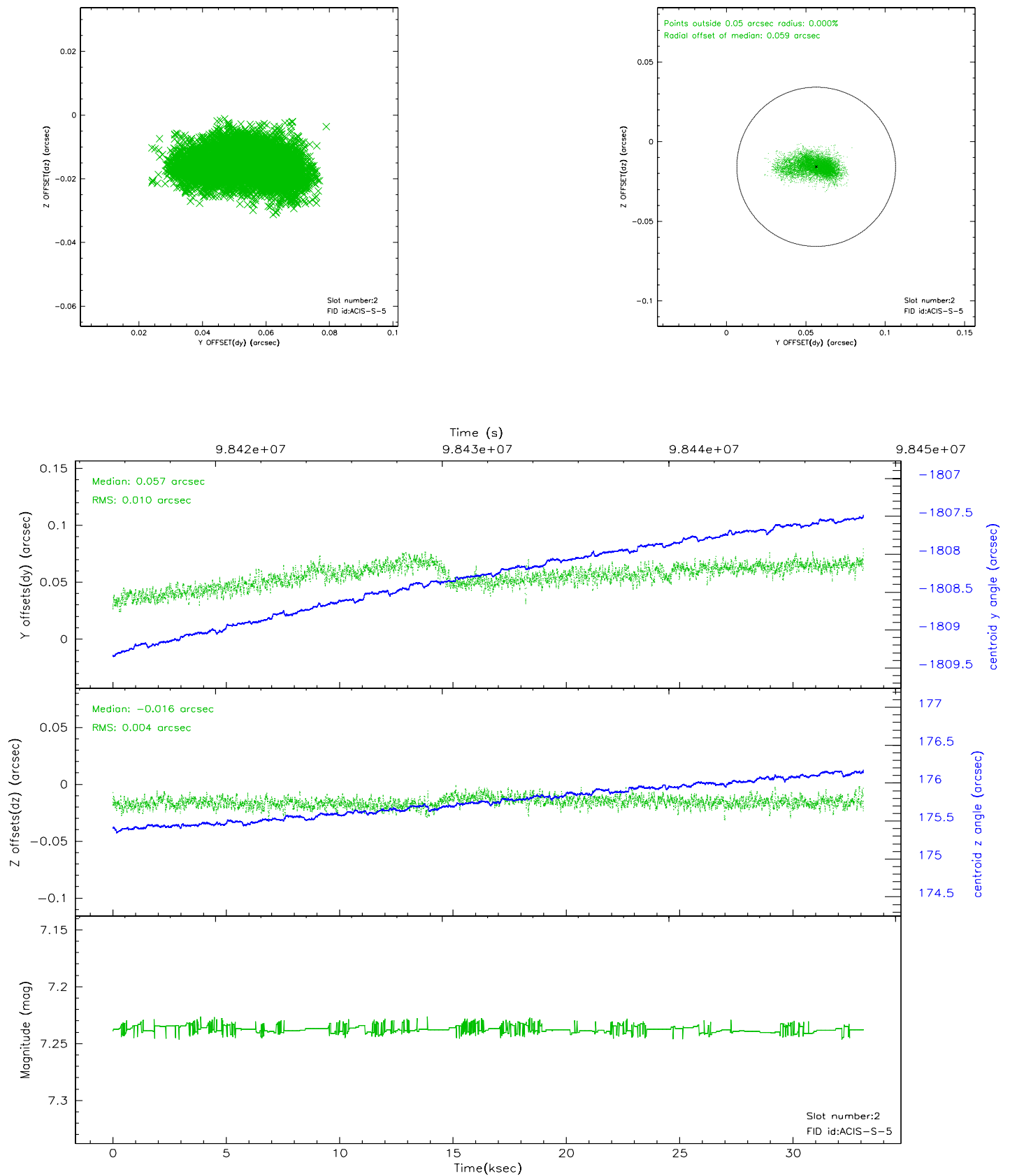
2.5.1 Slot 0



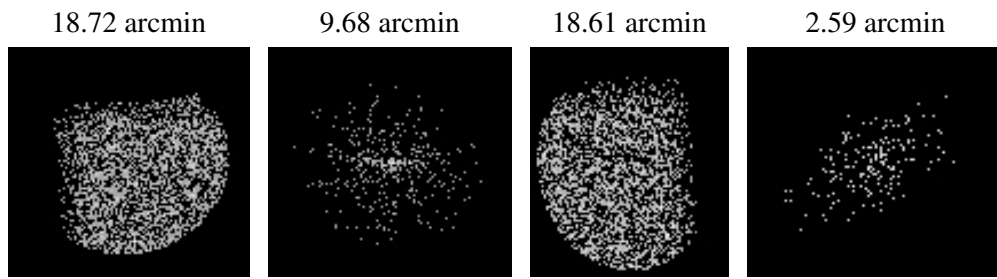
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.923

A.2 Comments