

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2071 - L2 Version 001
Chandra X-Ray Center

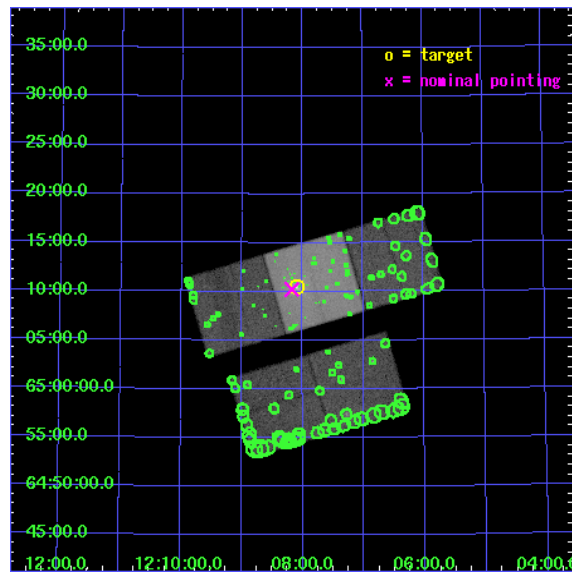
L2 Processing Date : Dec 31 2006

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
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

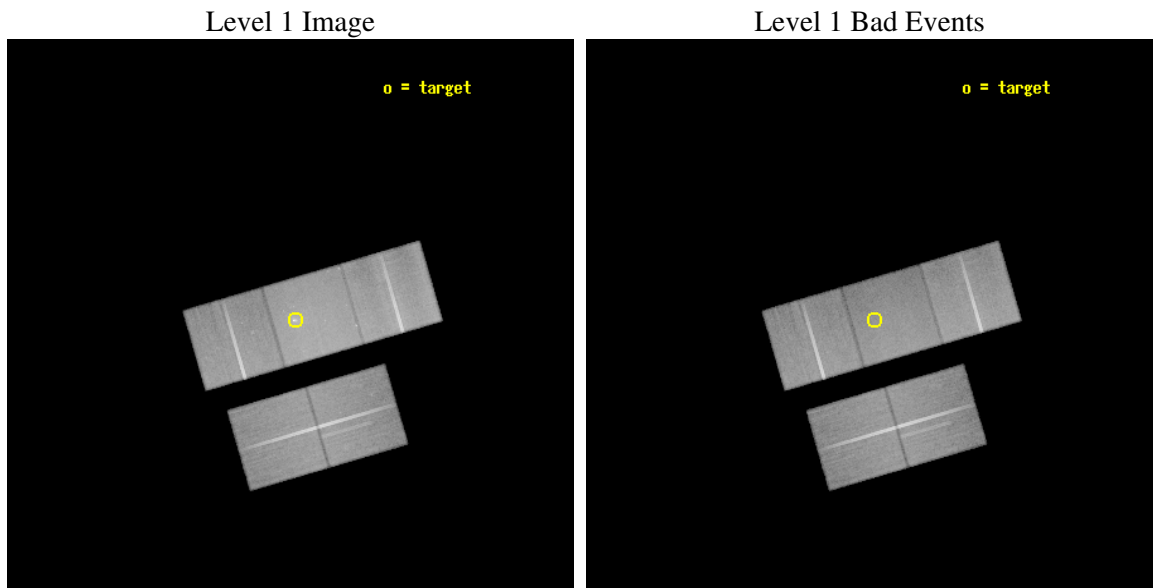
seq_num	600205
obs_id	2071
title	ELLIPTICALS WITH DISCREPANT GASEOUS & STELLAR METALLICITIES
observer	PROFESSOR RAYMOND WHITE III
object	NGC 4125
dtcycle	0
cycle	P
ra_targ	182.023333
dec_targ	65.174722
ra_nom	182.0440940471
dec_nom	65.170374700927
roll_nom	343.72205417543
revision	2
ontime	65084.417954355
livetime	64234.04211933
ontime2	65078.136003956
ontime3	65078.136023954
ontime6	65078.135994002
ontime7	65084.417954355
ontime8	65084.417954355
l2events	397880



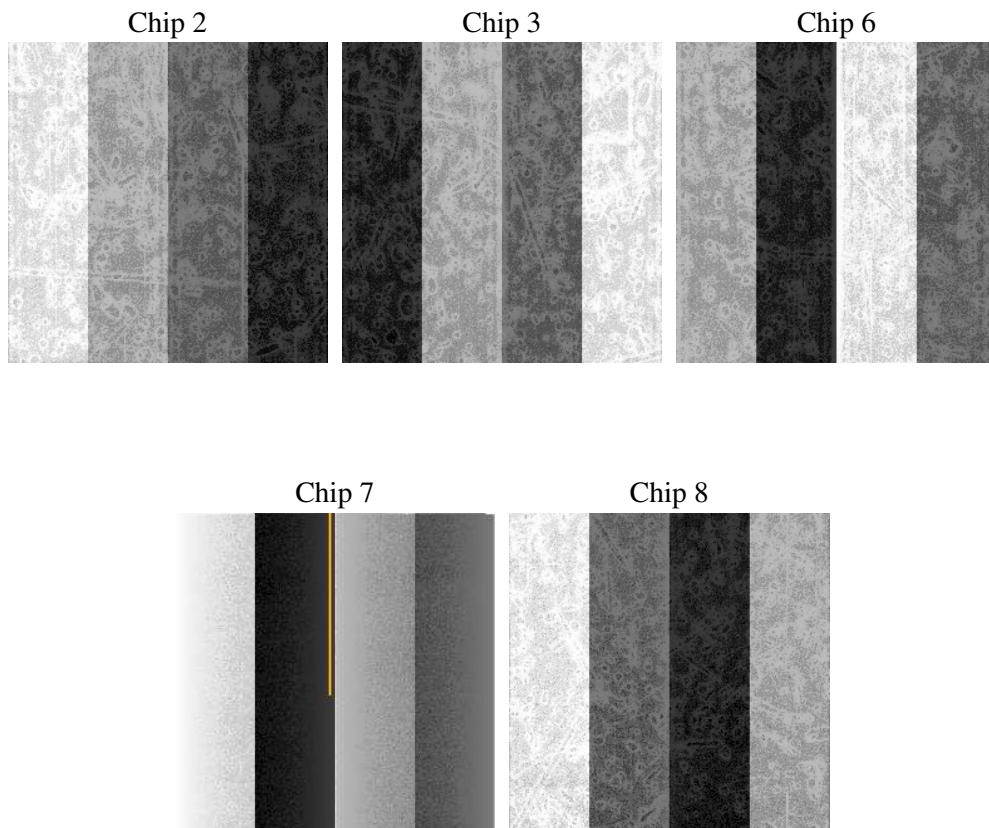
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-31T08:56:25
revision	2

sched_exp_time	65000.000000
ontime	65087.771102116
ontime2	65081.489131808
ontime3	65081.489151806
ontime6	65081.489141762
ontime7	65087.771102116
ontime8	65087.771082208
l1events	2384502

2.1.4 Events

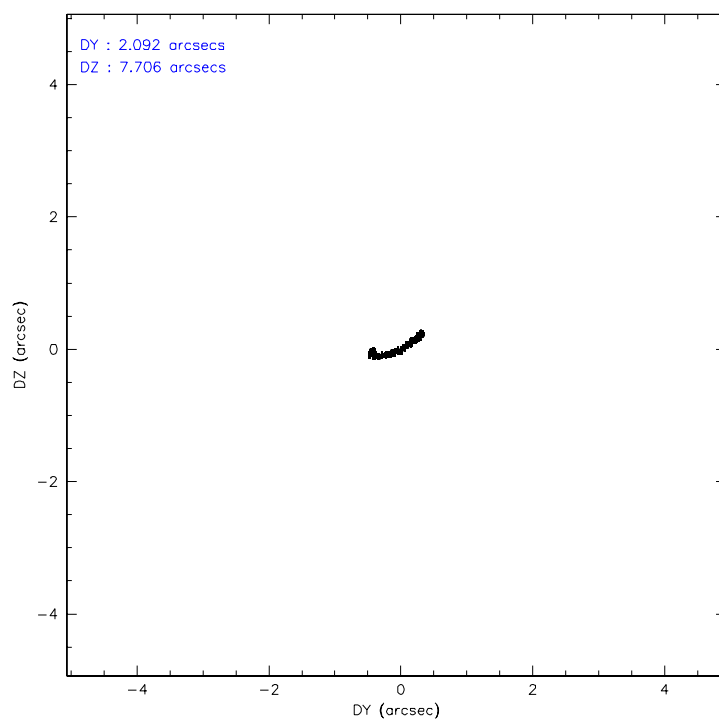
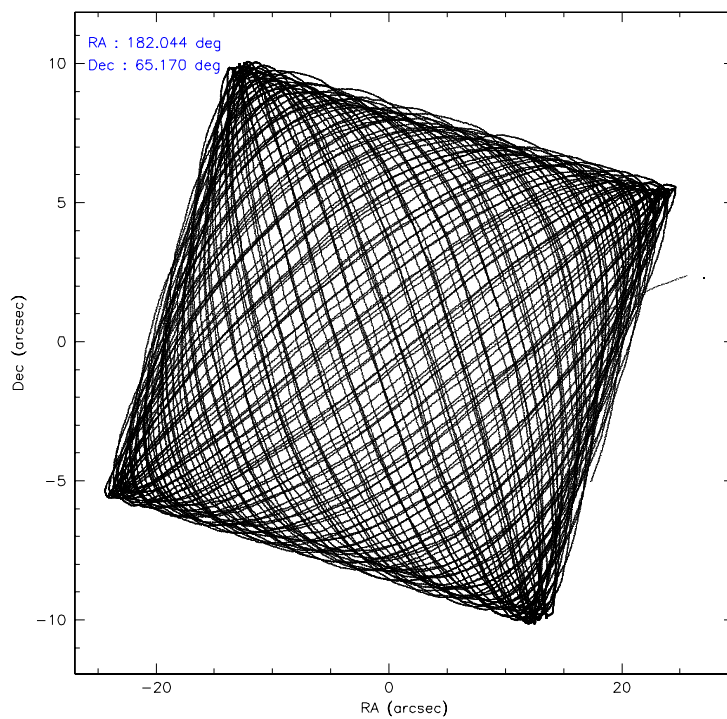
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	424679	422174	436581	563792	537276
rejected events	376294	373336	386761	336368	430935
rejected %	88%	88%	88%	59%	80%

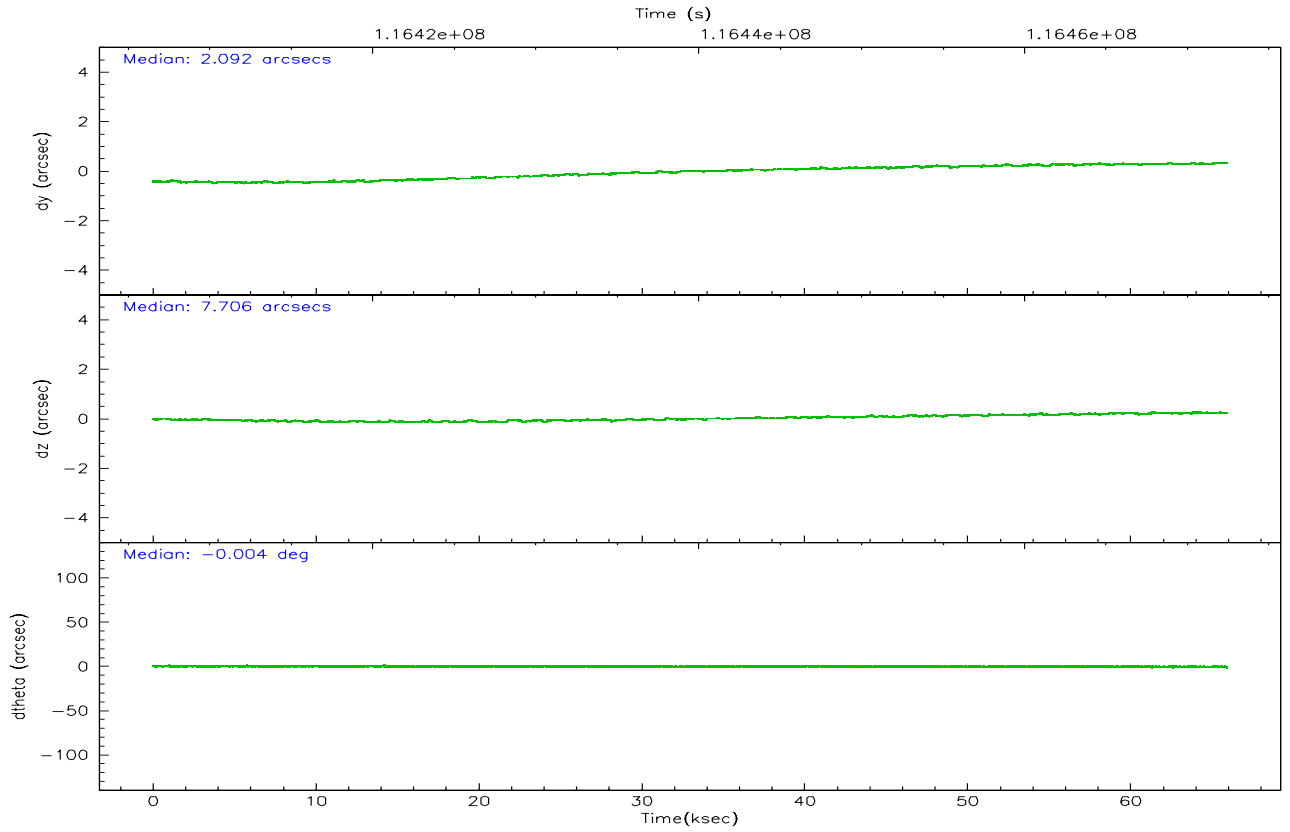
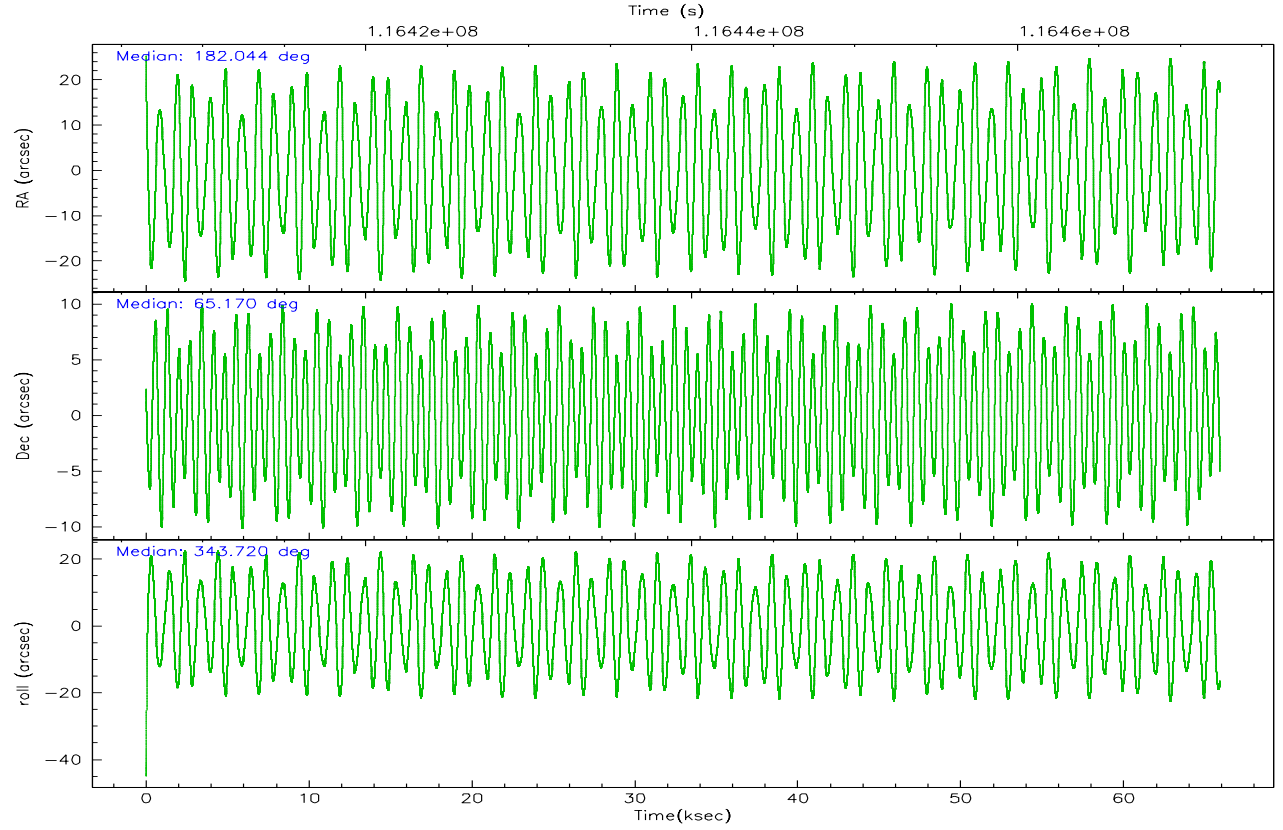
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	20685	21143	20087	19512	33064
	4%	5%	4%	3%	6%
grade 1 events	162	188	182	336	287
	0%	0%	0%	0%	0%
grade 2 events	10245	9603	10016	55831	23265
	2%	2%	2%	9%	4%
grade 3 events	4607	4678	4938	13310	11546
	1%	1%	1%	2%	2%
grade 4 events	4521	4717	4773	12883	10764
	1%	1%	1%	2%	2%
grade 5 events	14084	16226	18284	36128	22571
	3%	3%	4%	6%	4%
grade 6 events	8331	8697	10009	125900	27727
	1%	2%	2%	22%	5%
grade 7 events	362044	356922	368292	299892	408052
	85%	84%	84%	53%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	181.981199	182.0440940471016	Subarray requested	NONE	NONE
Pointing Dec	65.163587	65.17037470092653	Alternating exposures requested	N	N
Pointing Roll	343.622511	343.7220541754331	Primary exposure time	0.000000	3.1
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	116407428.184000	116406105.32046			
Observation start date	2001-09-09T07:22:44	2001-09-09T07:01:45			
Observation end time	116472428.184000	116473338.66062			
Observation end date	2001-09-10T01:26:04	2001-09-10T01:42:18			
Read mode	TIMED	TIMED			

2.3 Aspect



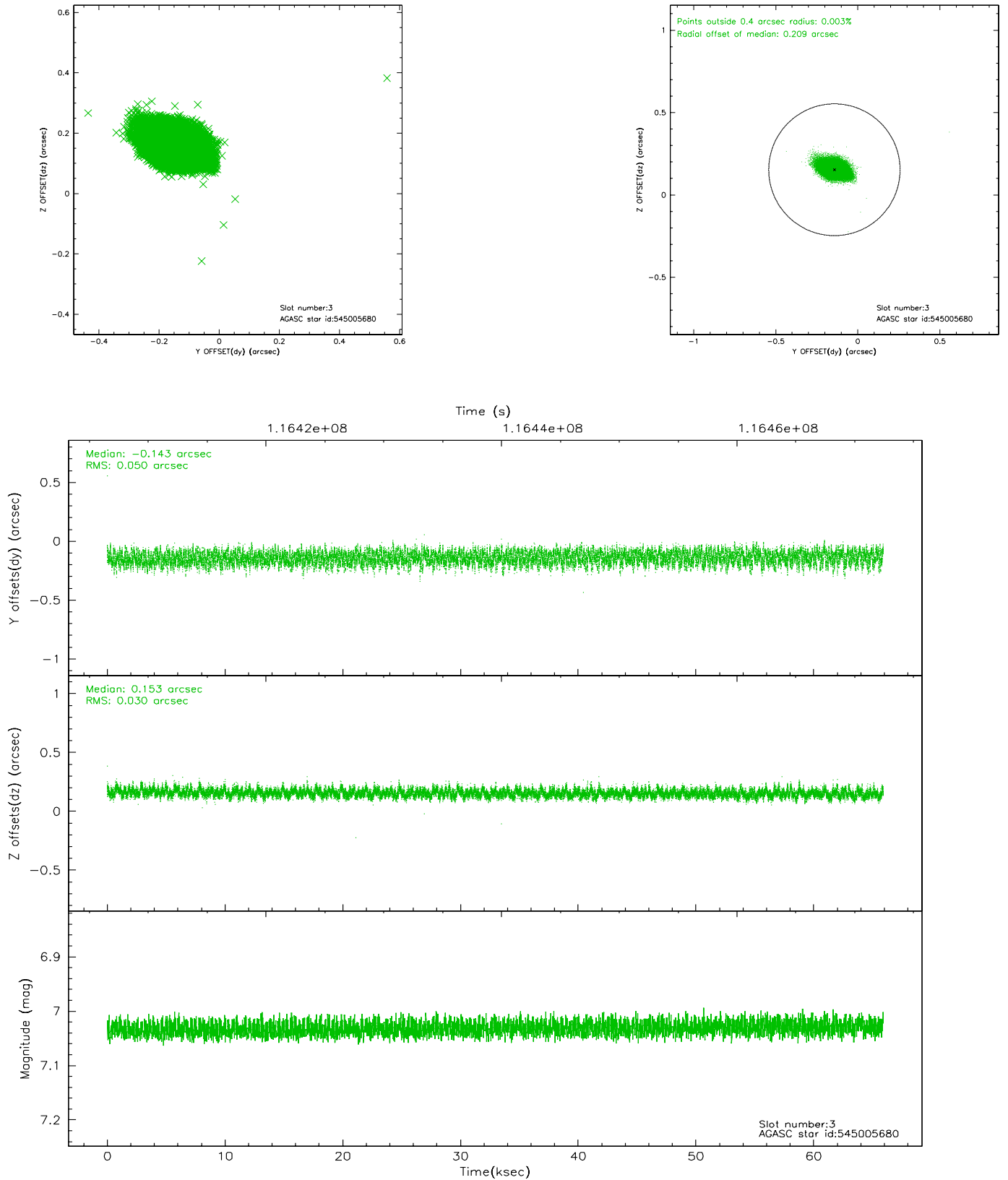


Slot Statistics

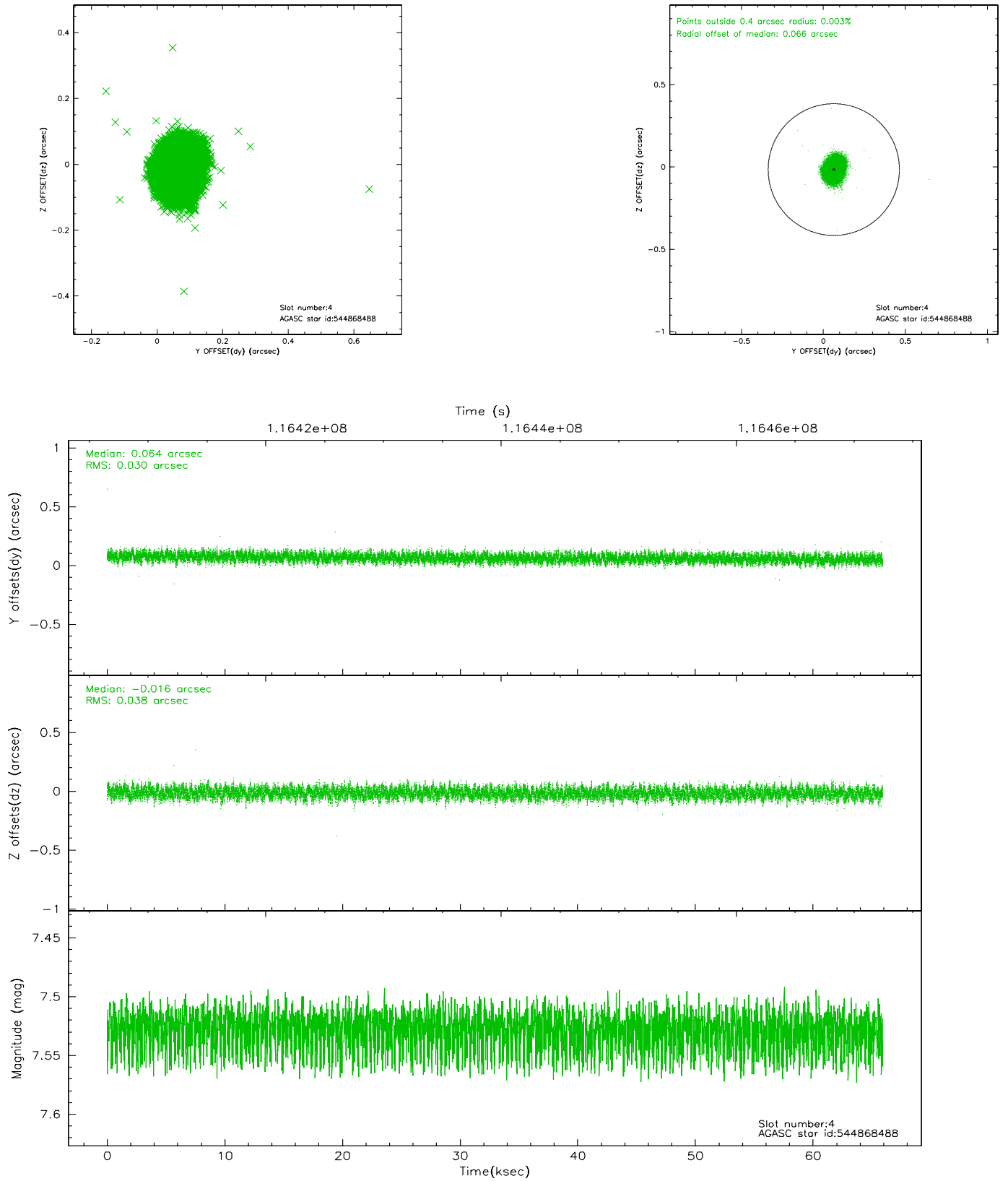
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	16077	0.003	0.020	0.007	0.012	0.000000	0.000000	-754.66	-1728.90
1	FID	ACIS-S-4	7.19	16075	-0.102	-0.006	0.006	0.010	0.000000	0.000000	2158.54	179.60
2	FID	ACIS-S-5	7.24	16076	0.069	-0.004	0.009	0.015	0.000000	0.000000	-1807.49	173.24
3	GUIDE	545005680	7.03	32153	-0.143	0.153	0.061	0.101	183.022955	64.463788	2257.81	-1948.05
4	GUIDE	544868488	7.53	32152	0.064	-0.016	0.052	0.081	180.405408	64.939339	-2085.69	-1423.24
5	GUIDE	545265080	8.73	32147	-0.065	-0.109	0.084	0.128	182.605993	65.662171	381.51	1987.77
6	GUIDE	545268112	9.05	32136	0.061	-0.141	0.067	0.111	182.544878	65.174389	805.65	281.40
7	GUIDE	545259792	9.01	32144	0.084	0.113	0.063	0.104	180.936584	65.203957	-1557.43	-292.40

2.4 Star Slots

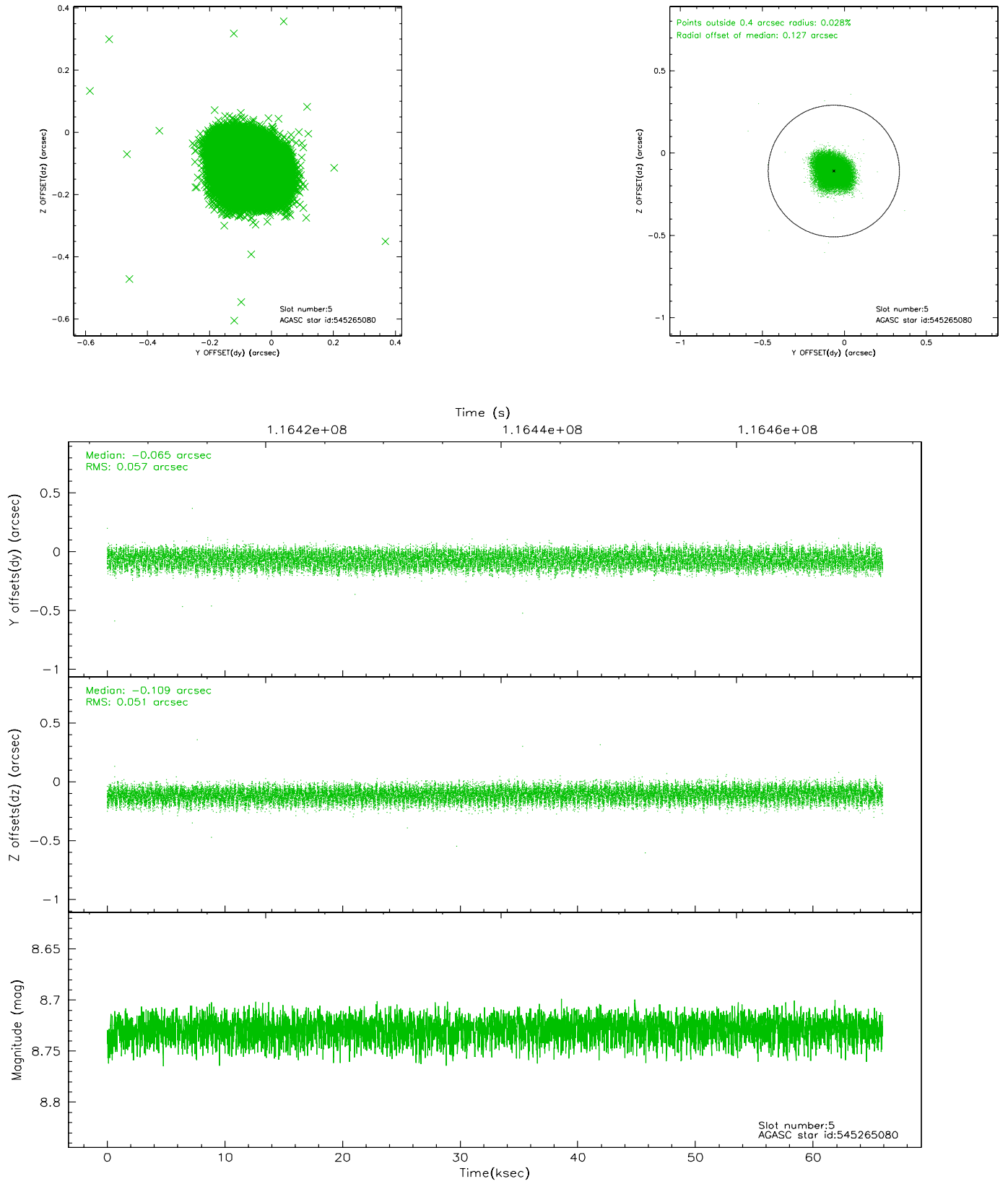
2.4.1 Slot 3



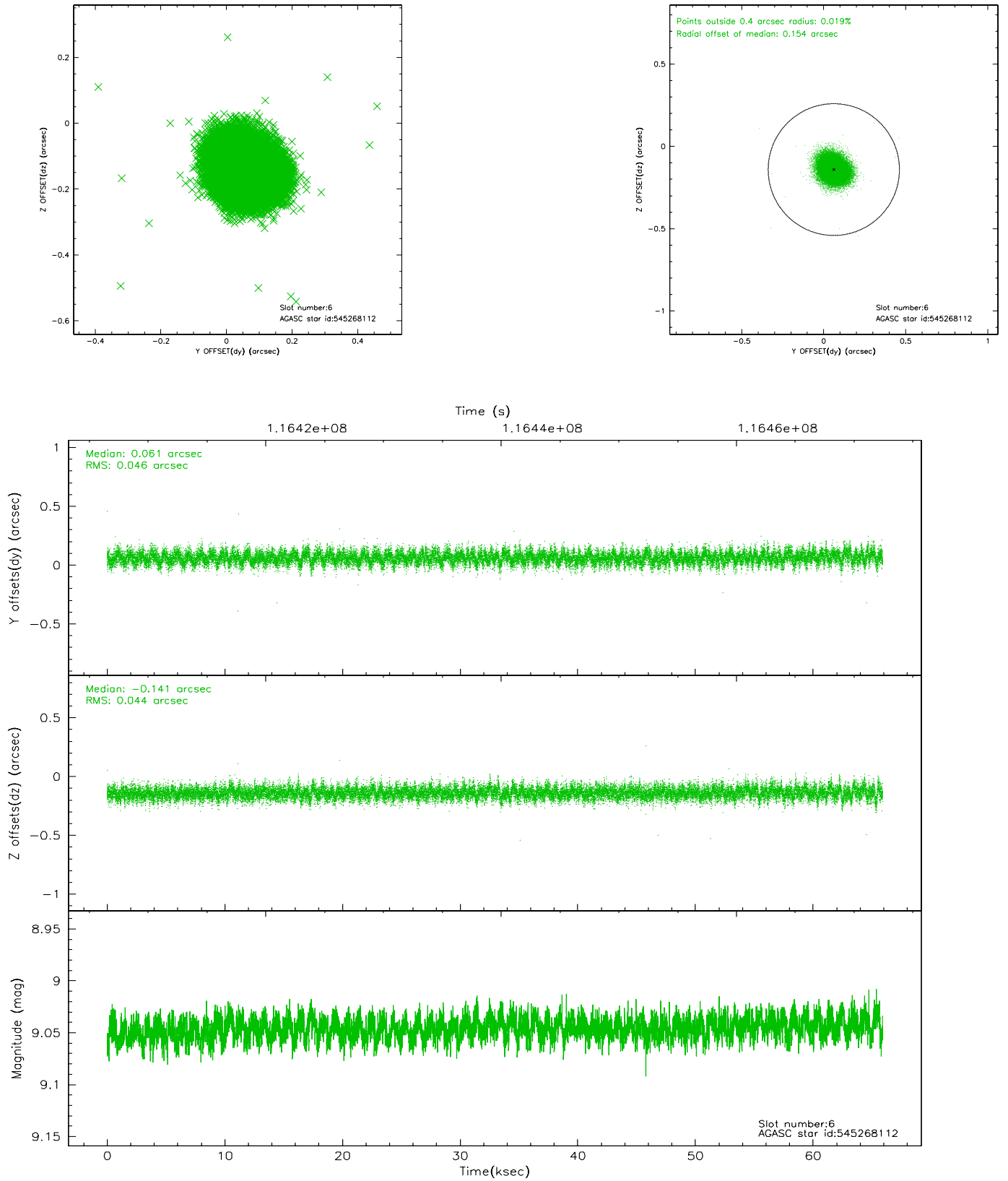
2.4.2 Slot 4



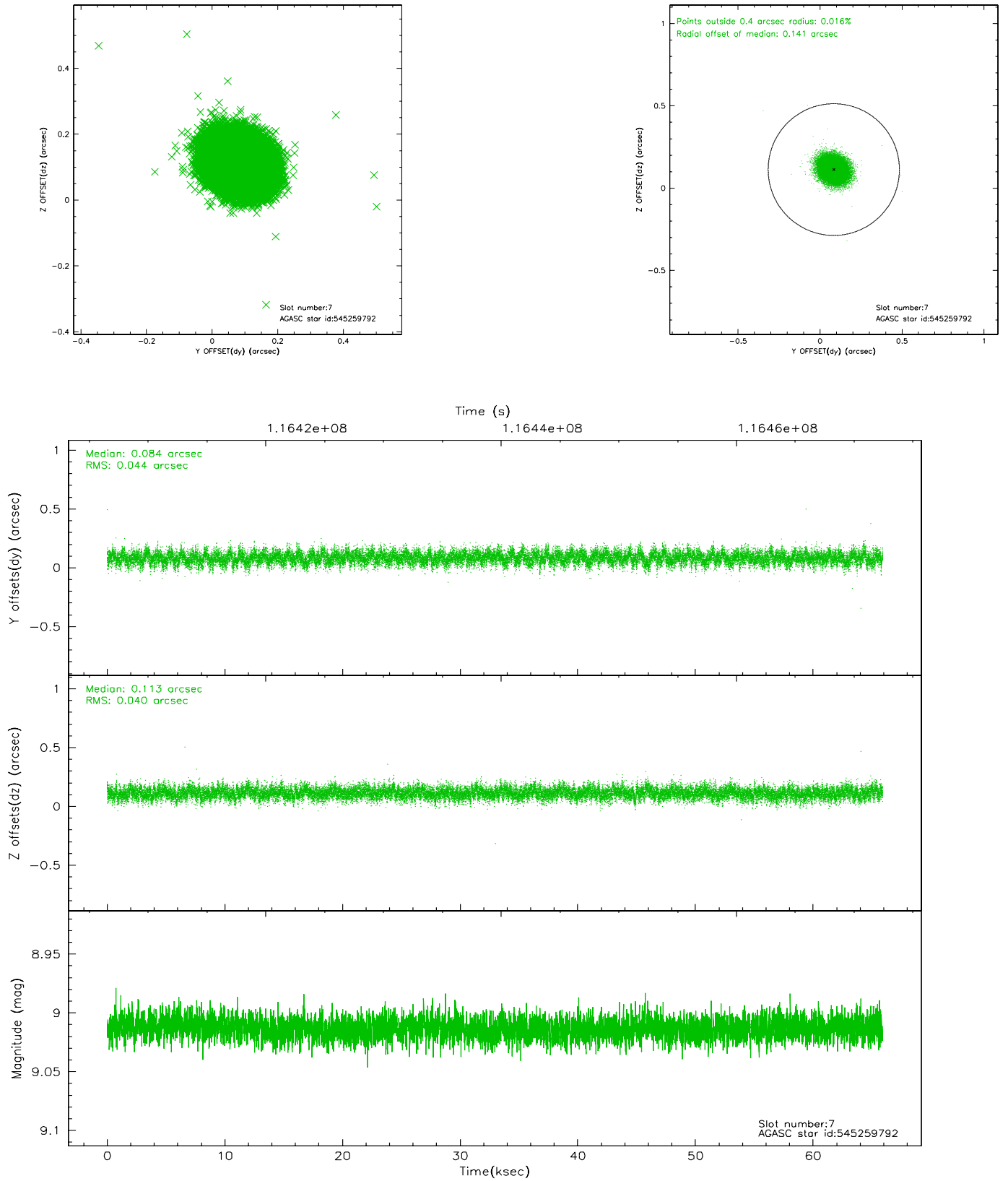
2.4.3 Slot 5



2.4.4 Slot 6

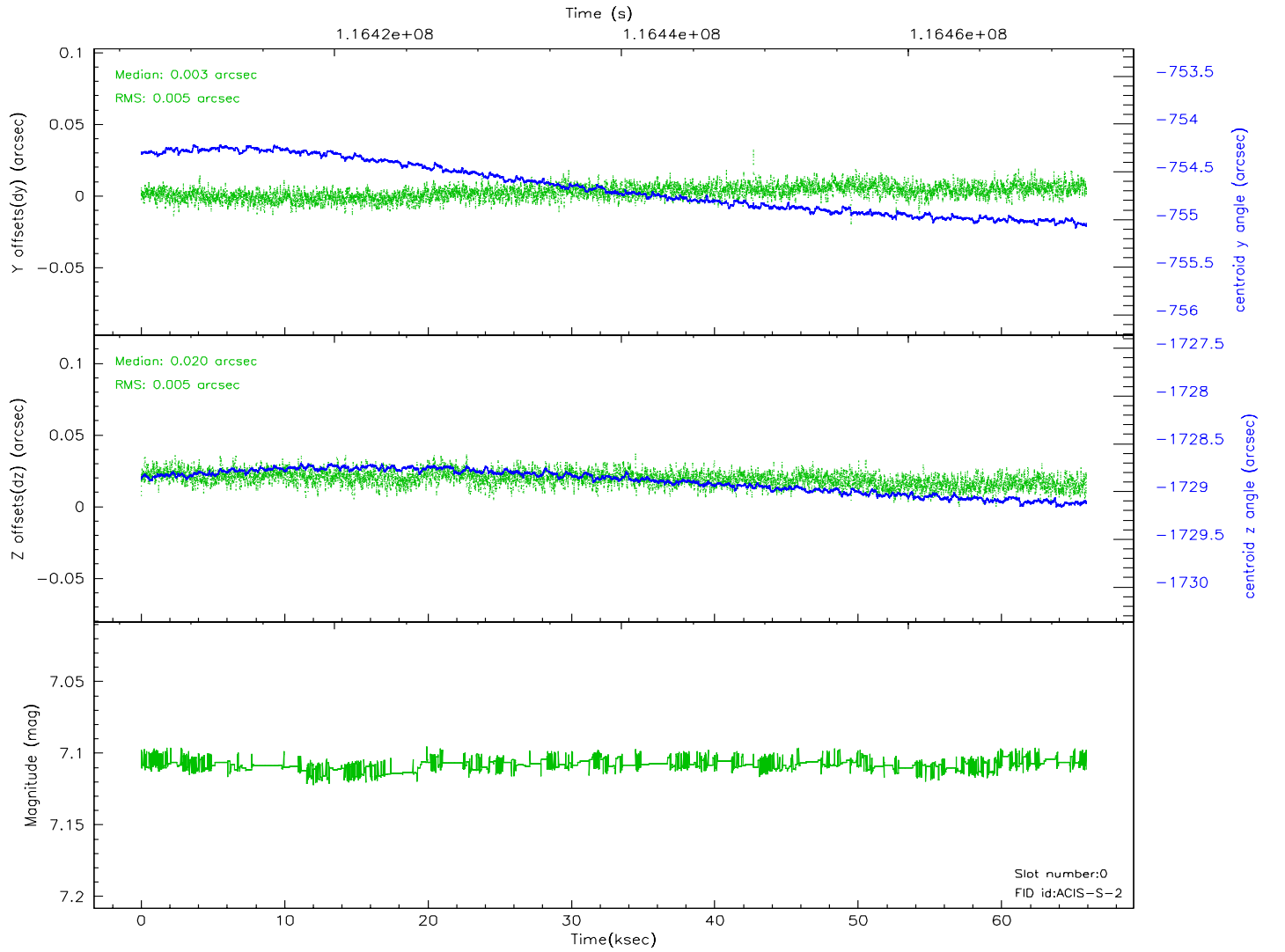
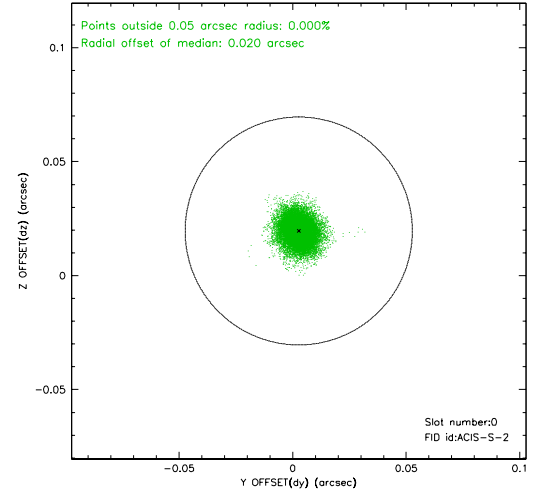
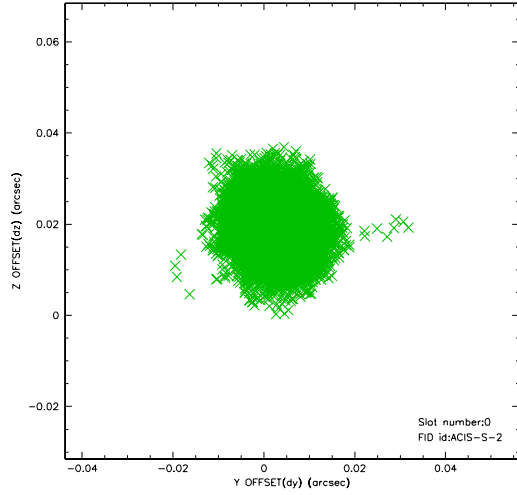


2.4.5 Slot 7

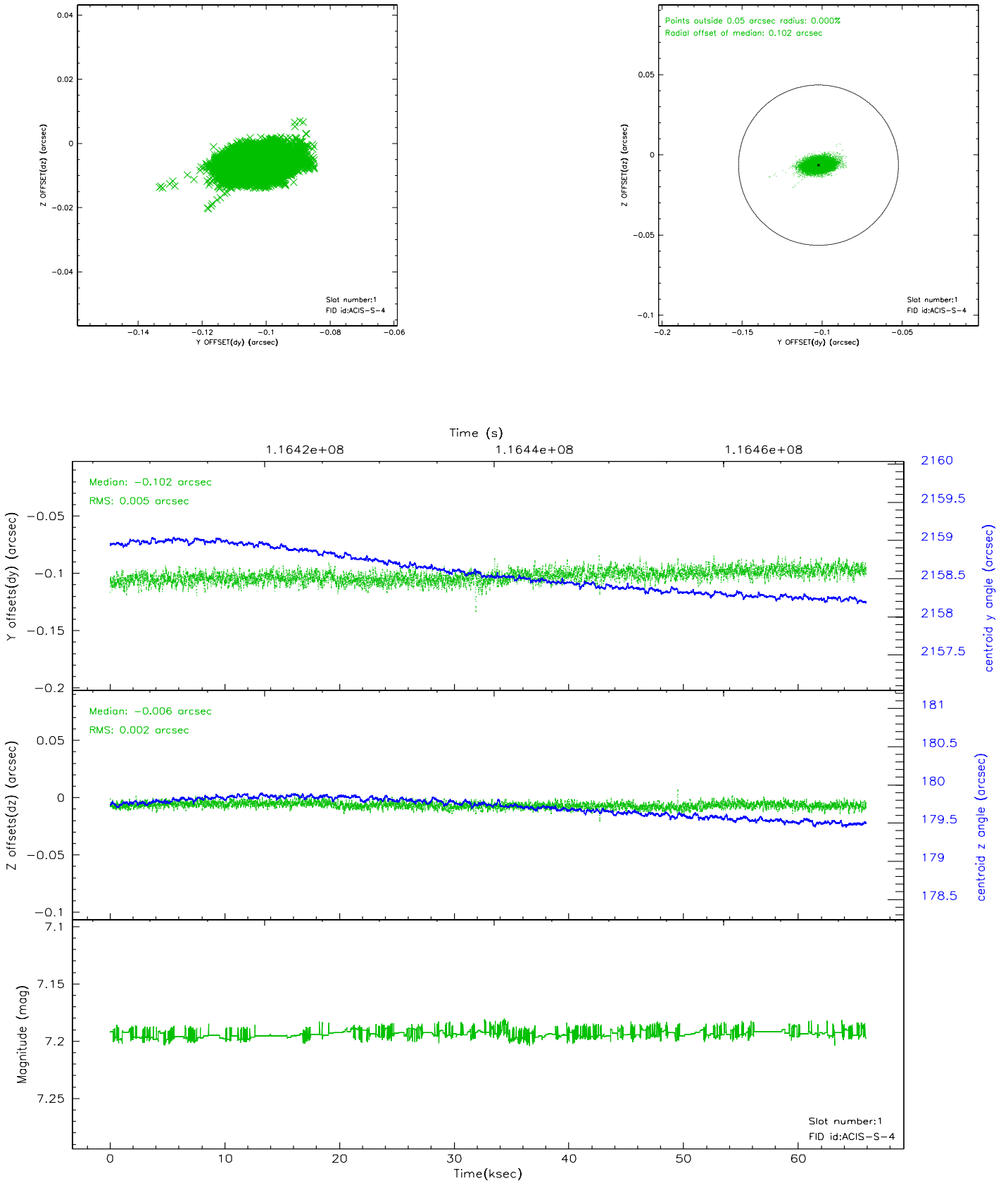


2.5 FID Slots

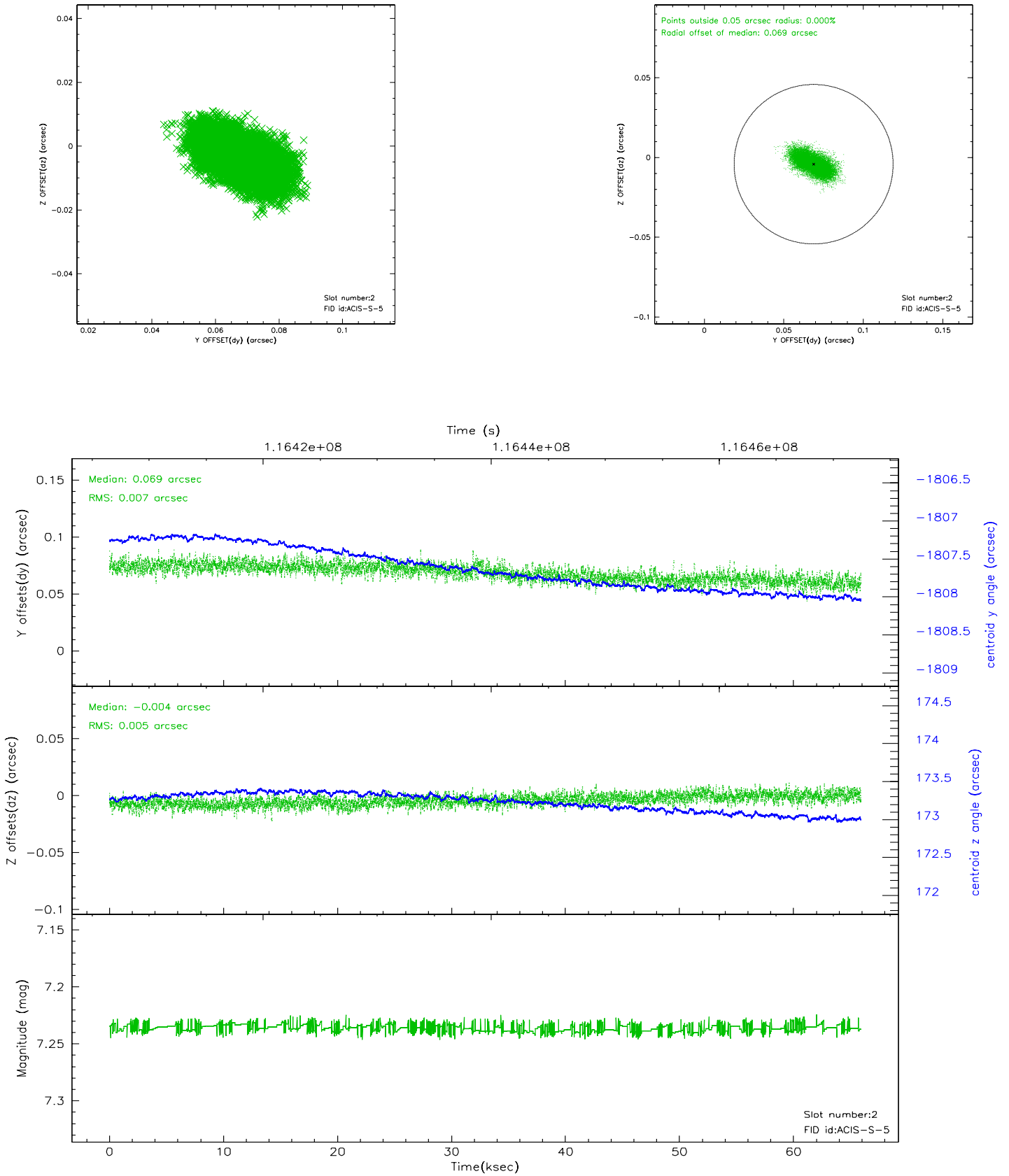
2.5.1 Slot 0



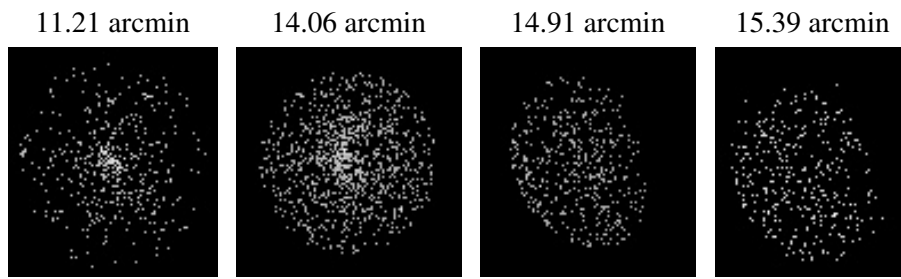
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	65.084

A.2 Comments