

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4800 - L2 Version 001
Chandra X-Ray Center

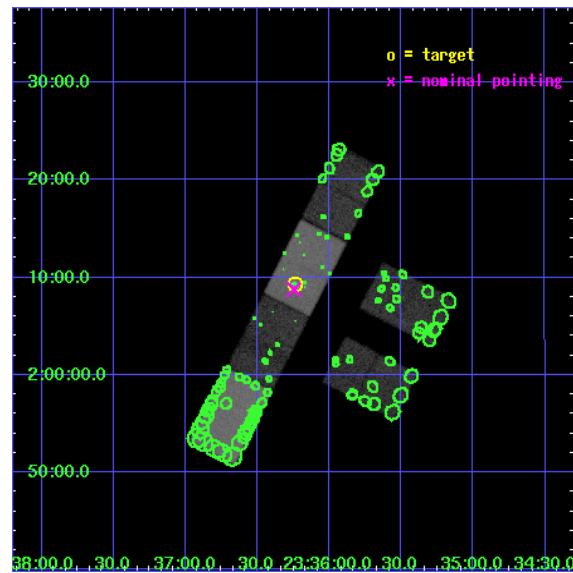
L2 Processing Date : Jun 7 2006

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1 Front

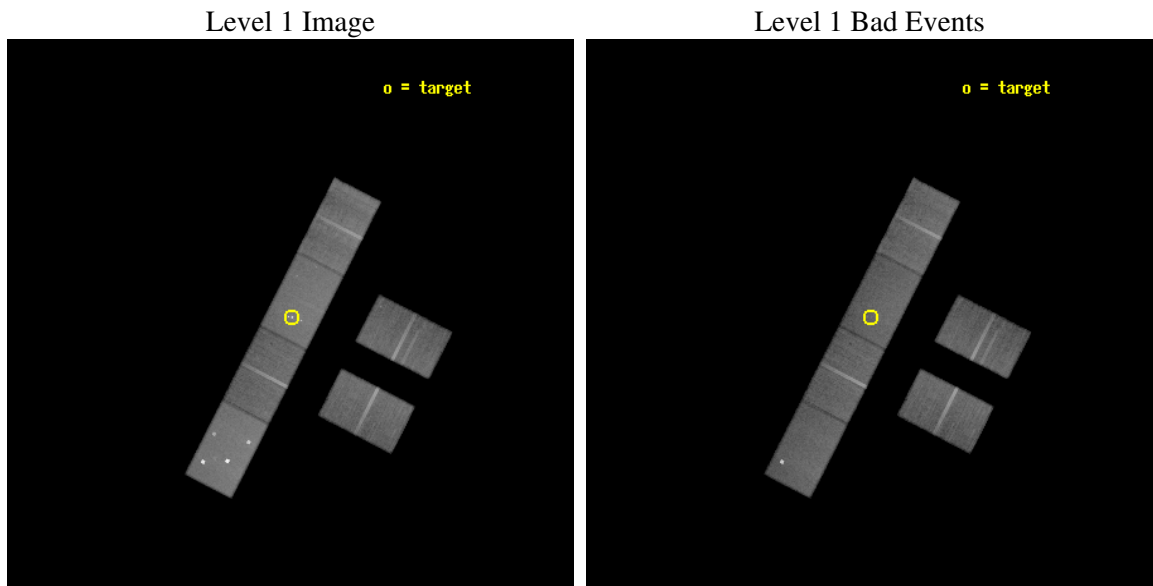
seq_num	700883
obs_id	4800
title	High Resolution X-Ray Imaging of the Interacting Galaxy Pair NGC 7714/5
observer	Dr. Beverly Smith
object	NGC 7714
dtcycle	0
cycle	P
ra_targ	354.05875
dec_targ	2.155278
ra_nom	354.06156912496
dec_nom	2.1460462100844
roll_nom	297.07427601117
revision	2
ontime	60148.19982928
livetime	58995.263816411
ontime2	60143.917829067
ontime3	60146.058819234
ontime5	60148.19982928
ontime6	60141.776888758
ontime7	60148.19982928
ontime8	60146.058819205
l2events	354512



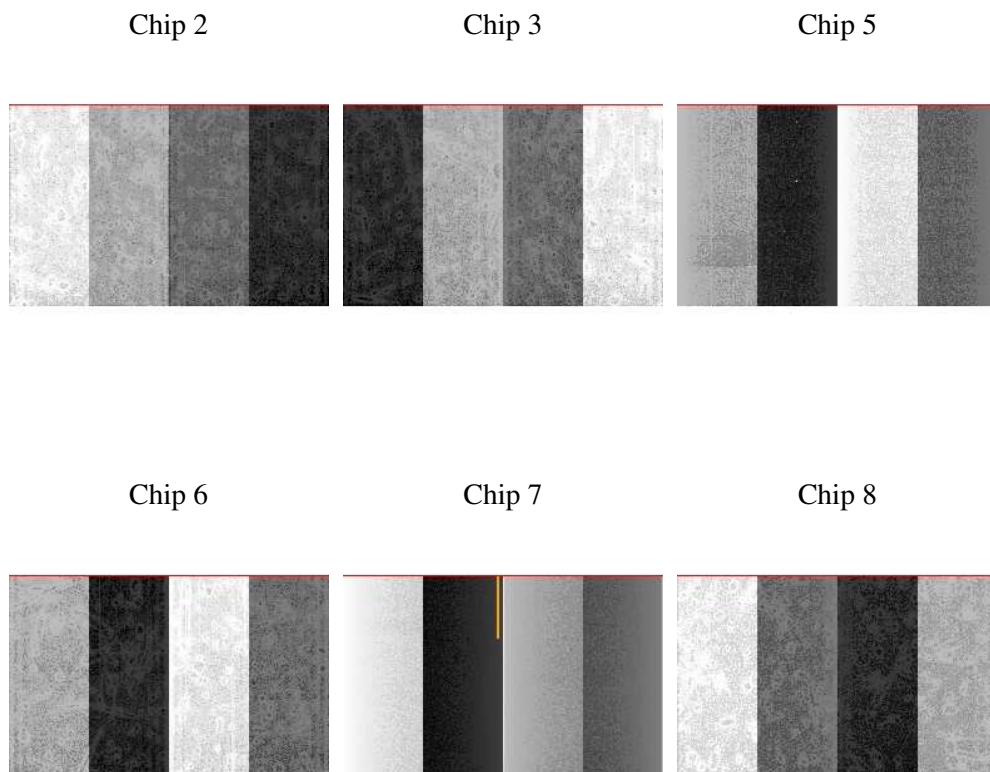
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-07T04:12:00
revision	2

sched_exp_time	60000.000000
ontime	60699.876279473
ontime2	60695.594259351
ontime3	60697.735249519
ontime5	60699.876259565
ontime6	60693.453319043
ontime7	60699.876279473
ontime8	60697.735269397
l1events	1658341

2.1.4 Events

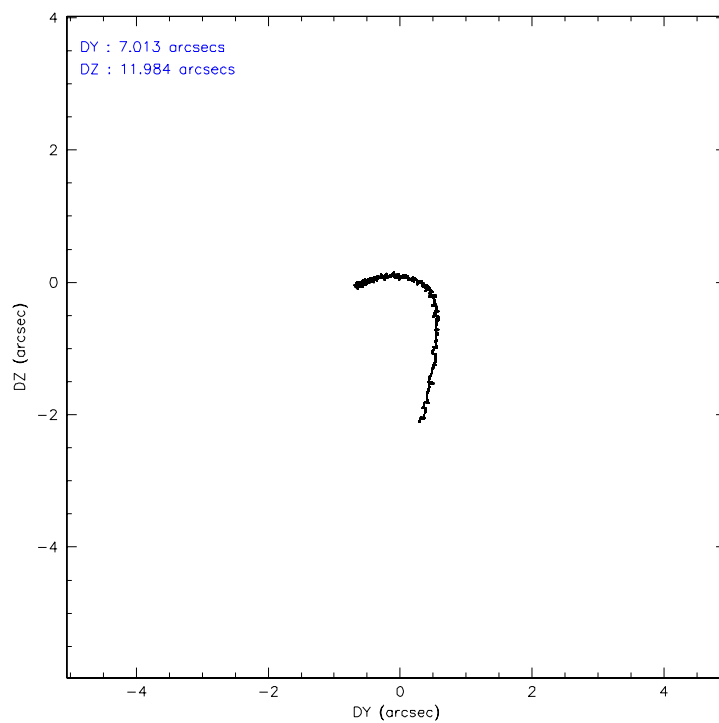
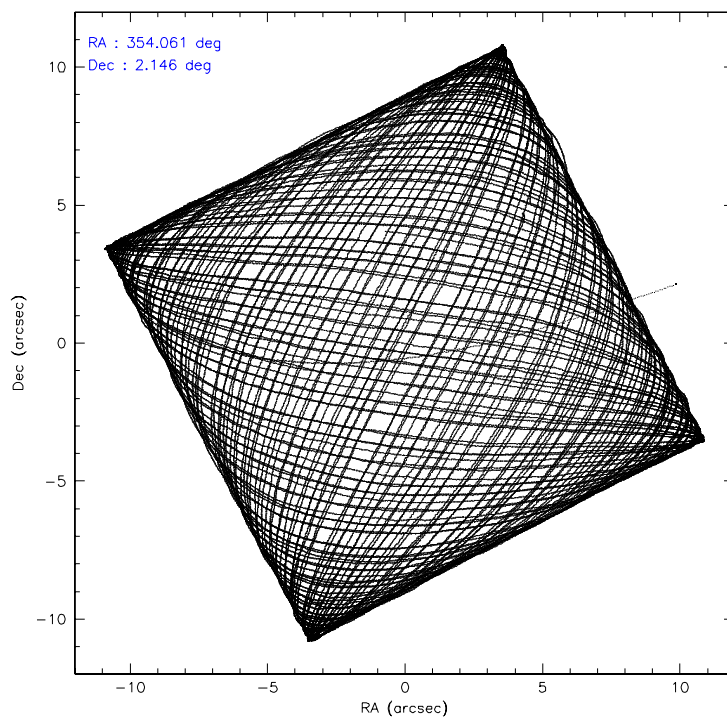
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	233140	218989	380300	229297	309998	286617
rejected events	205678	191756	194828	201400	184523	227457
rejected %	88%	87%	51%	87%	59%	79%

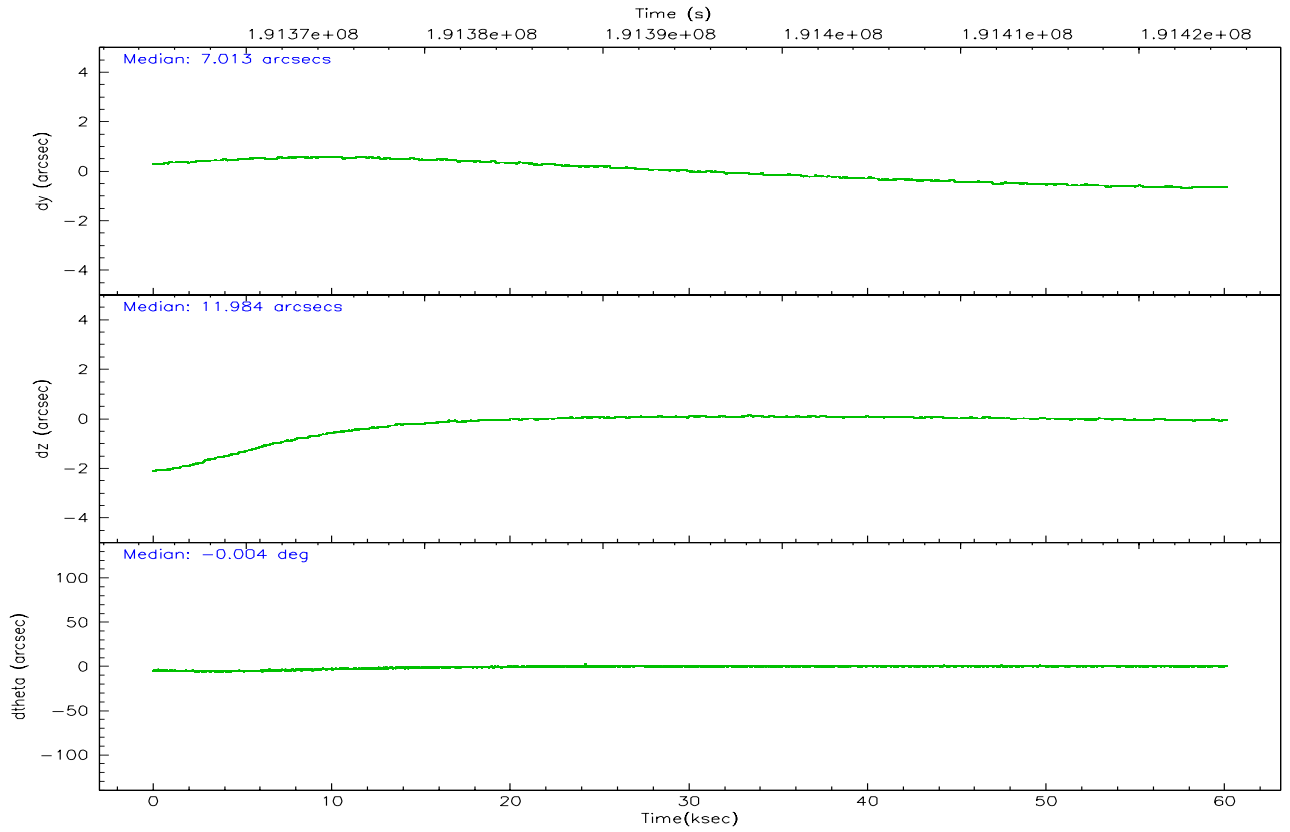
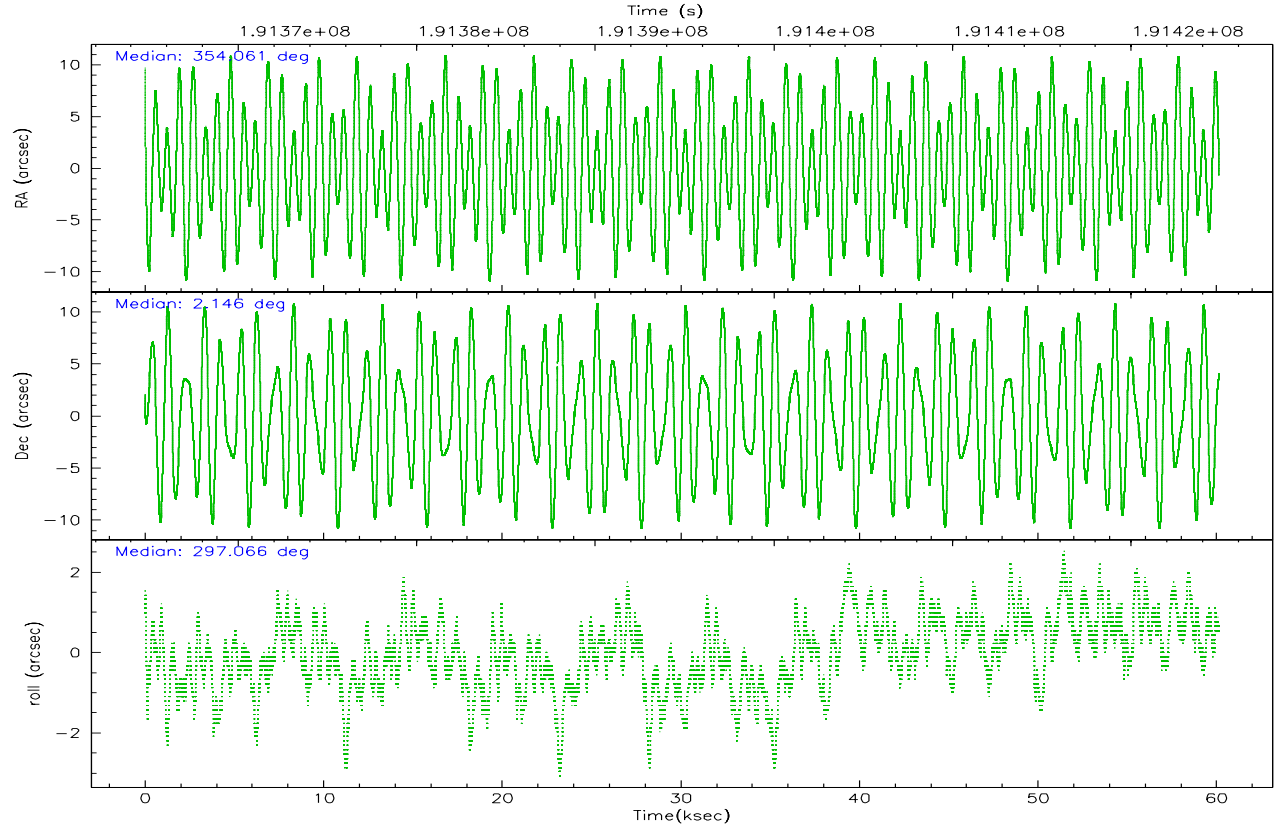
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11831	11996	44769	11038	10251	18926
	5%	5%	11%	4%	3%	6%
grade 1 events	103	105	252	78	214	173
	0%	0%	0%	0%	0%	0%
grade 2 events	5541	5032	53576	5584	31677	12720
	2%	2%	14%	2%	10%	4%
grade 3 events	2781	2874	4138	3083	8082	6457
	1%	1%	1%	1%	2%	2%
grade 4 events	2893	2896	3346	3100	7892	6065
	1%	1%	0%	1%	2%	2%
grade 5 events	8910	9790	21209	10221	20971	13151
	3%	4%	5%	4%	6%	4%
grade 6 events	4660	4681	81447	5354	68573	15579
	1%	2%	21%	2%	22%	5%
grade 7 events	196421	181615	171563	190839	162338	213546
	84%	82%	45%	83%	52%	74%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	CUSTOM	CUSTOM
Pointing RA	354.038498	354.0615691249554	Subarray start row	192	192
Pointing Dec	2.160519	2.146046210084389	Subarray row count	640	640
Pointing Roll	296.918512	297.0742760111704	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	2.1
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	191364928.184000	191363726.52526			
Observation start date	2004-01-24T20:54:24	2004-01-24T20:35:26			
Observation end time	191424928.184000	191426197.20298			
Observation end date	2004-01-25T13:34:24	2004-01-25T13:56:37			
Read mode	TIMED	TIMED			

2.3 Aspect



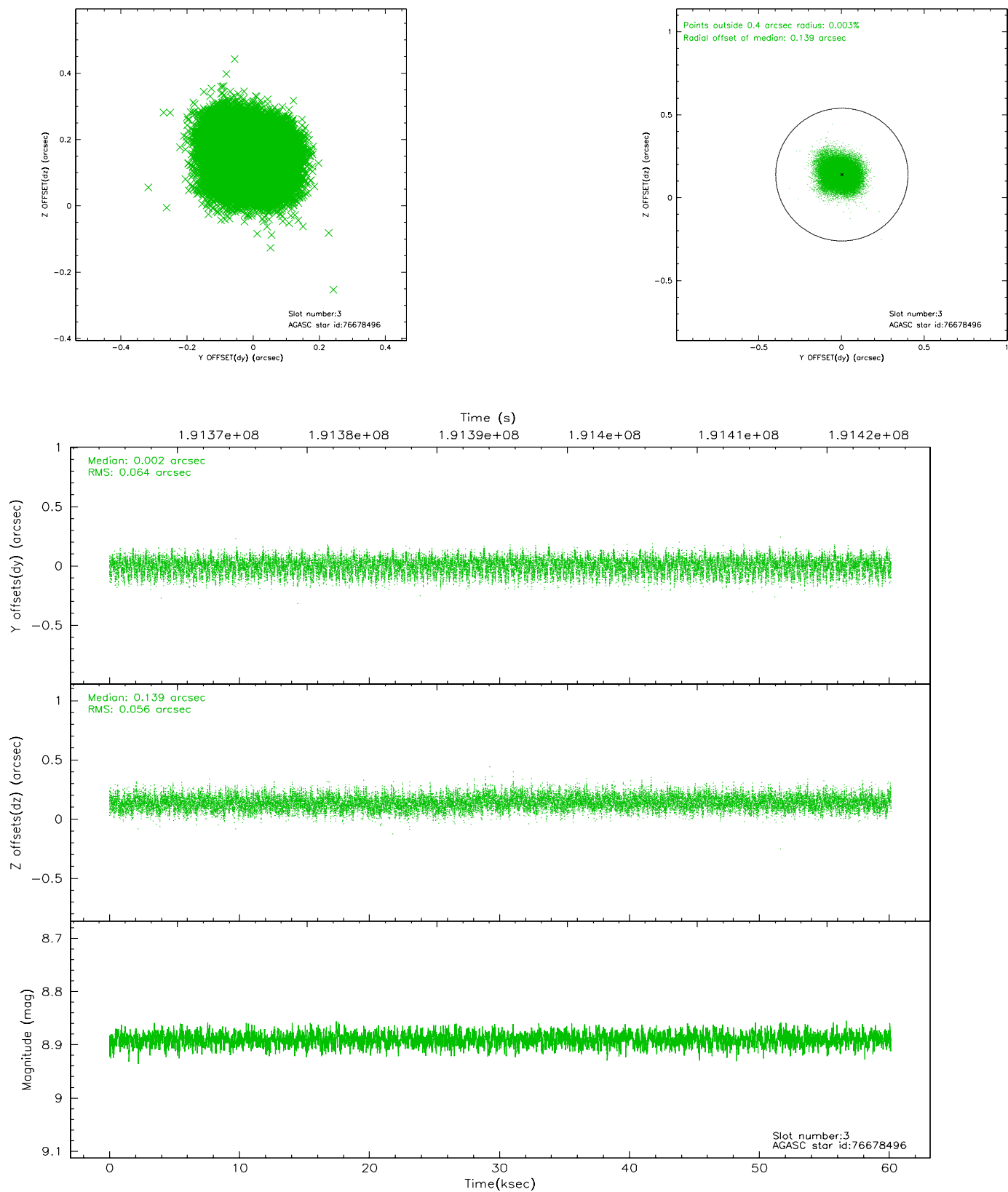


Slot Statistics

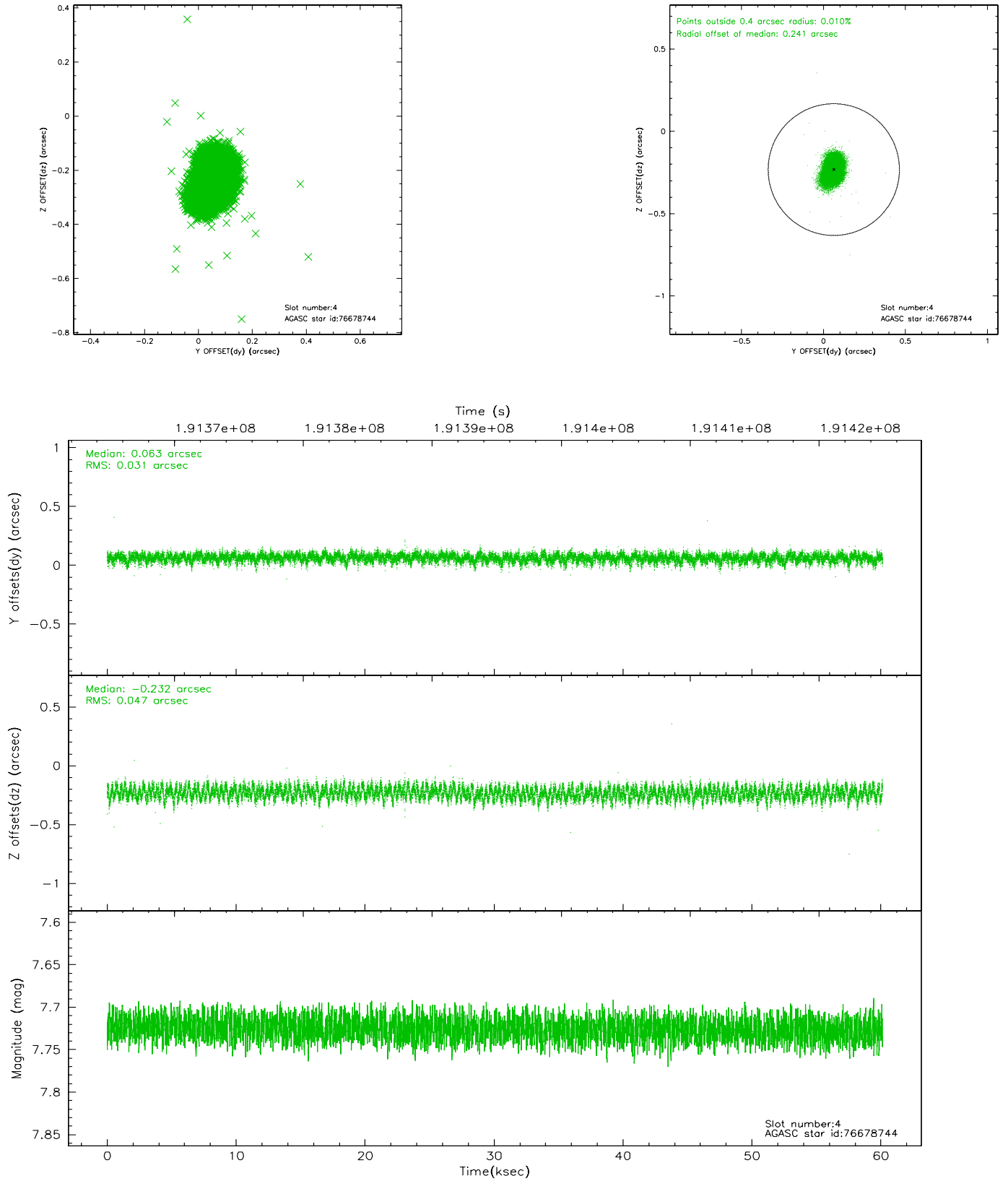
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	14670	-0.016	0.003	0.015	0.023	0.000000	0.000000	-759.77	-1733.04
1	FID	ACIS-S-4	7.20	14669	0.008	0.008	0.014	0.026	0.000000	0.000000	2153.55	175.49
2	FID	ACIS-S-5	7.23	14668	-0.026	-0.000	0.013	0.021	0.000000	0.000000	-1812.68	169.10
3	GUIDE	76678496	8.89	29332	0.002	0.139	0.092	0.147	354.613079	2.250516	646.57	1990.15
4	GUIDE	76678744	7.72	29332	0.063	-0.232	0.060	0.097	353.597247	2.000936	-206.09	-1675.59
5	GUIDE	76679008	8.98	29334	-0.071	-0.131	0.076	0.124	353.751158	1.605426	1314.59	-1825.25
6	GUIDE	76682560	9.09	29332	0.143	0.168	0.074	0.118	354.606803	1.935807	1647.06	1457.39
7	GUIDE	77071688	9.54	29212	-0.131	0.057	0.085	0.139	353.990739	2.684822	-1760.67	701.43

2.4 Star Slots

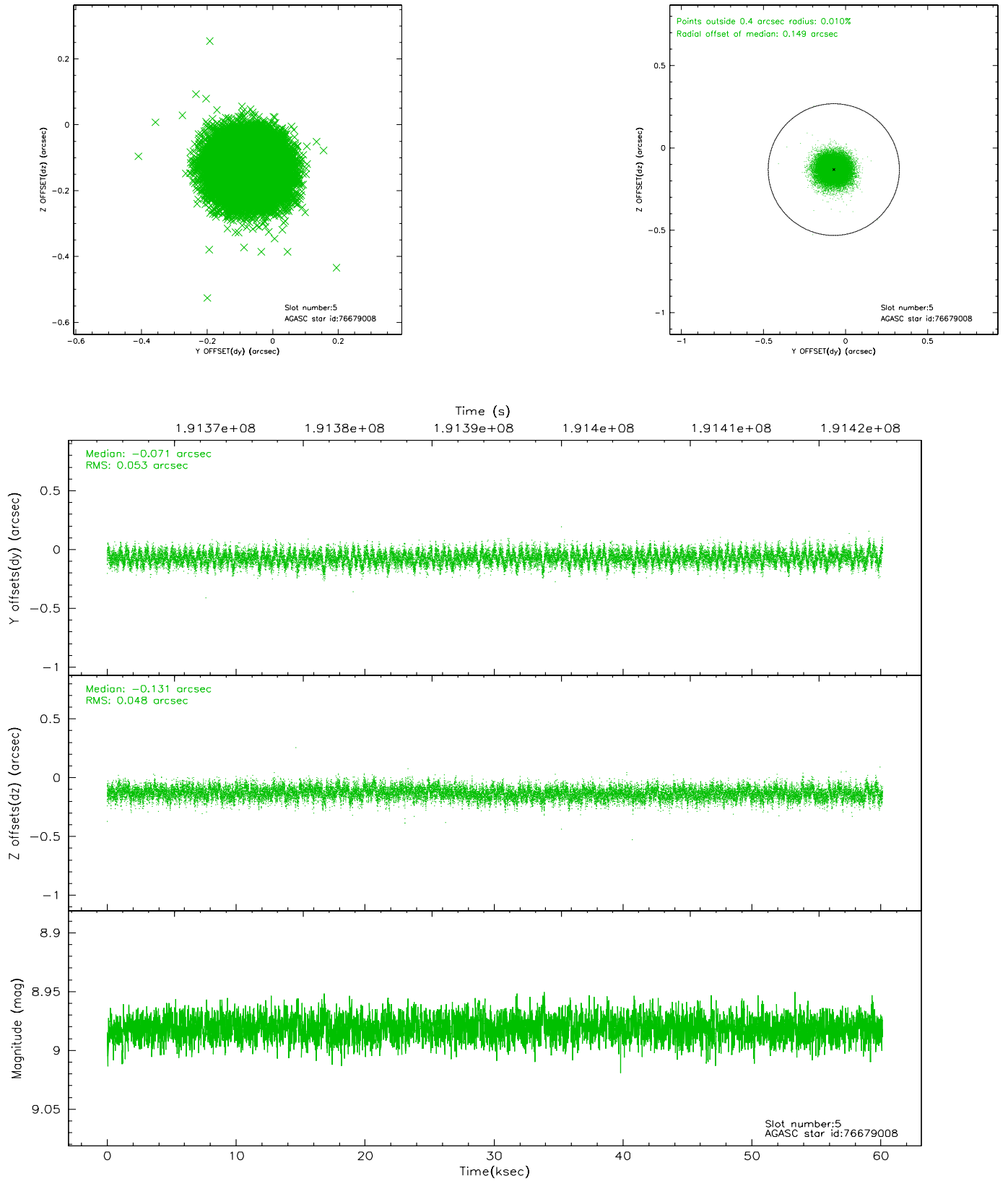
2.4.1 Slot 3



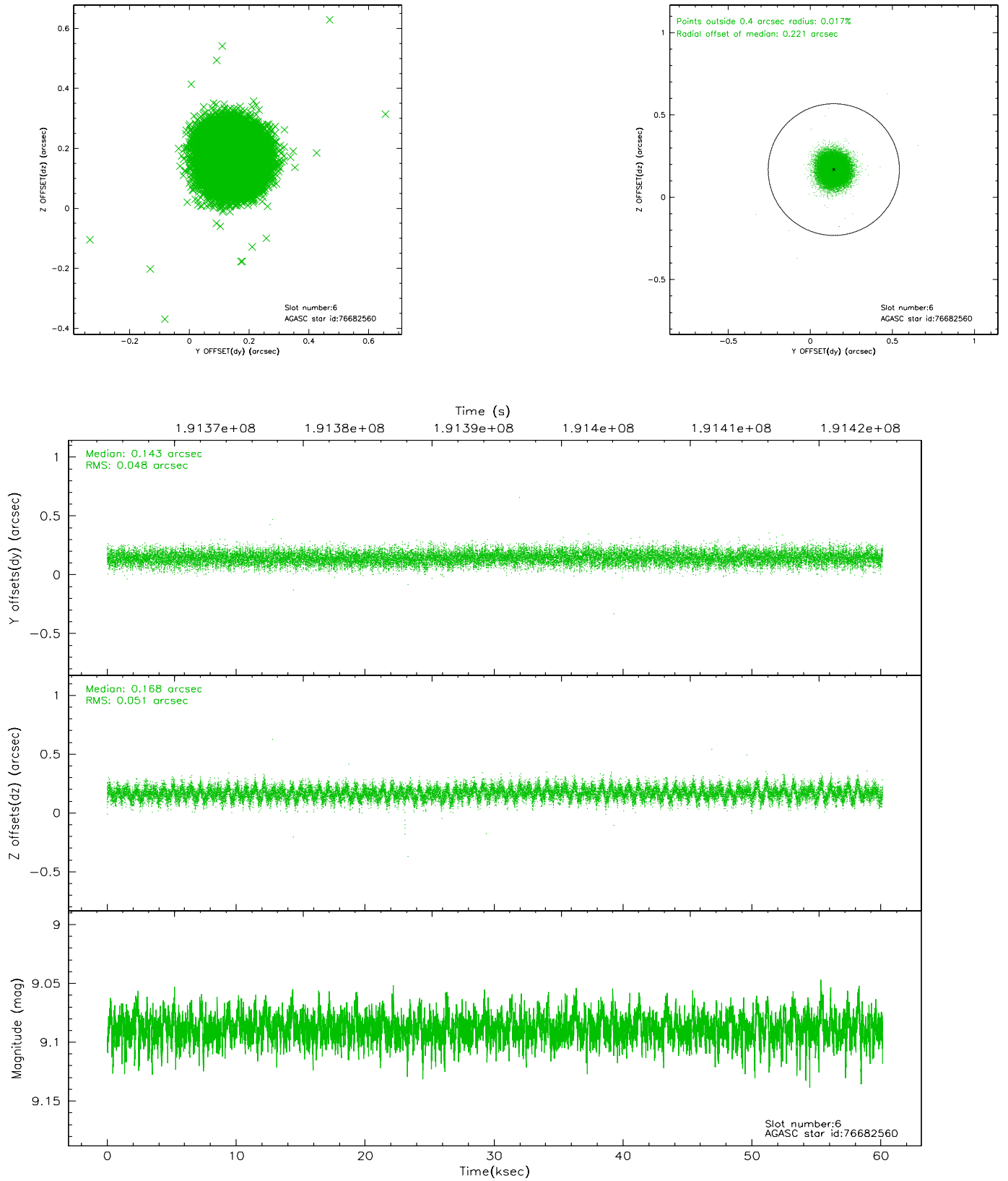
2.4.2 Slot 4



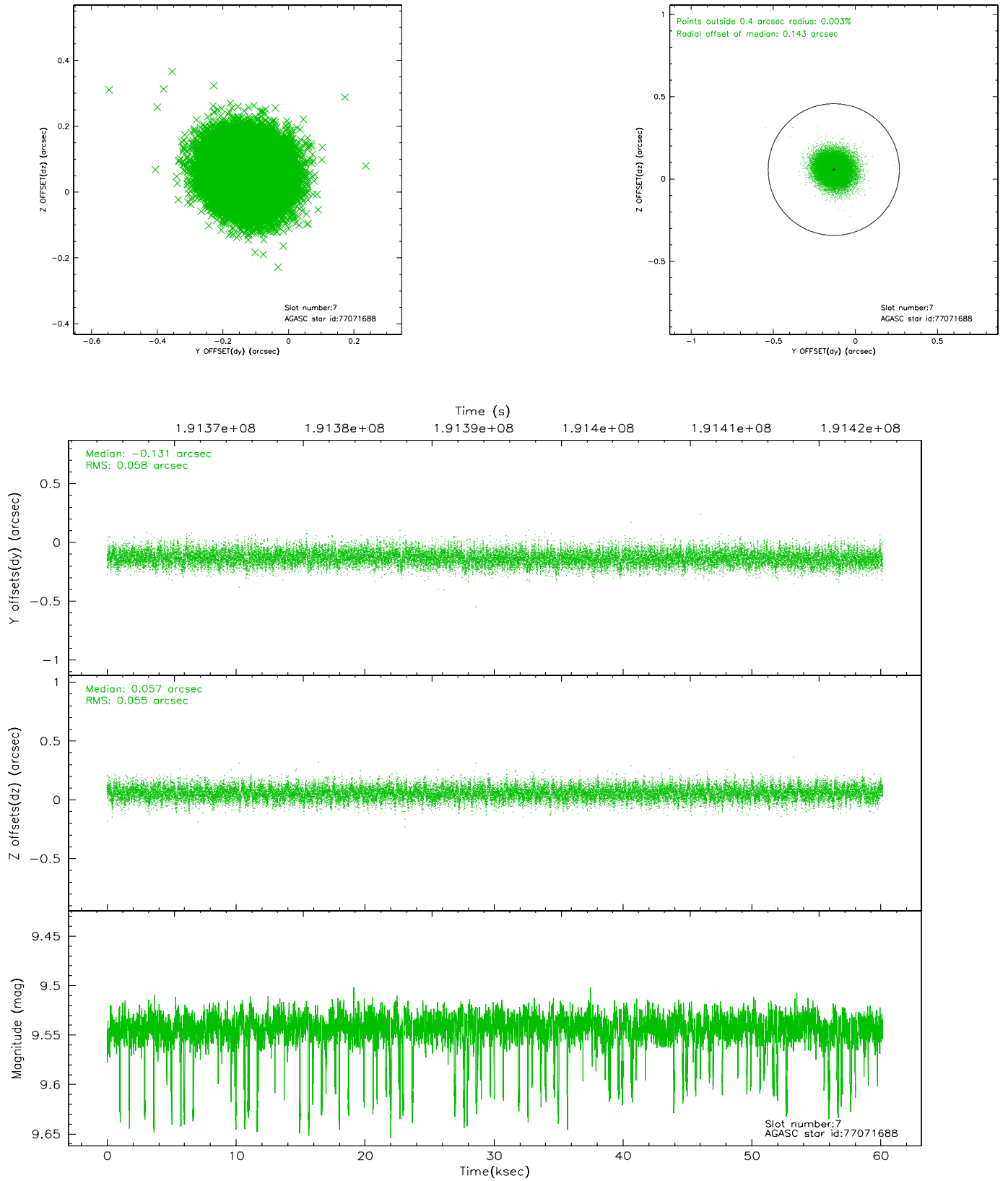
2.4.3 Slot 5



2.4.4 Slot 6

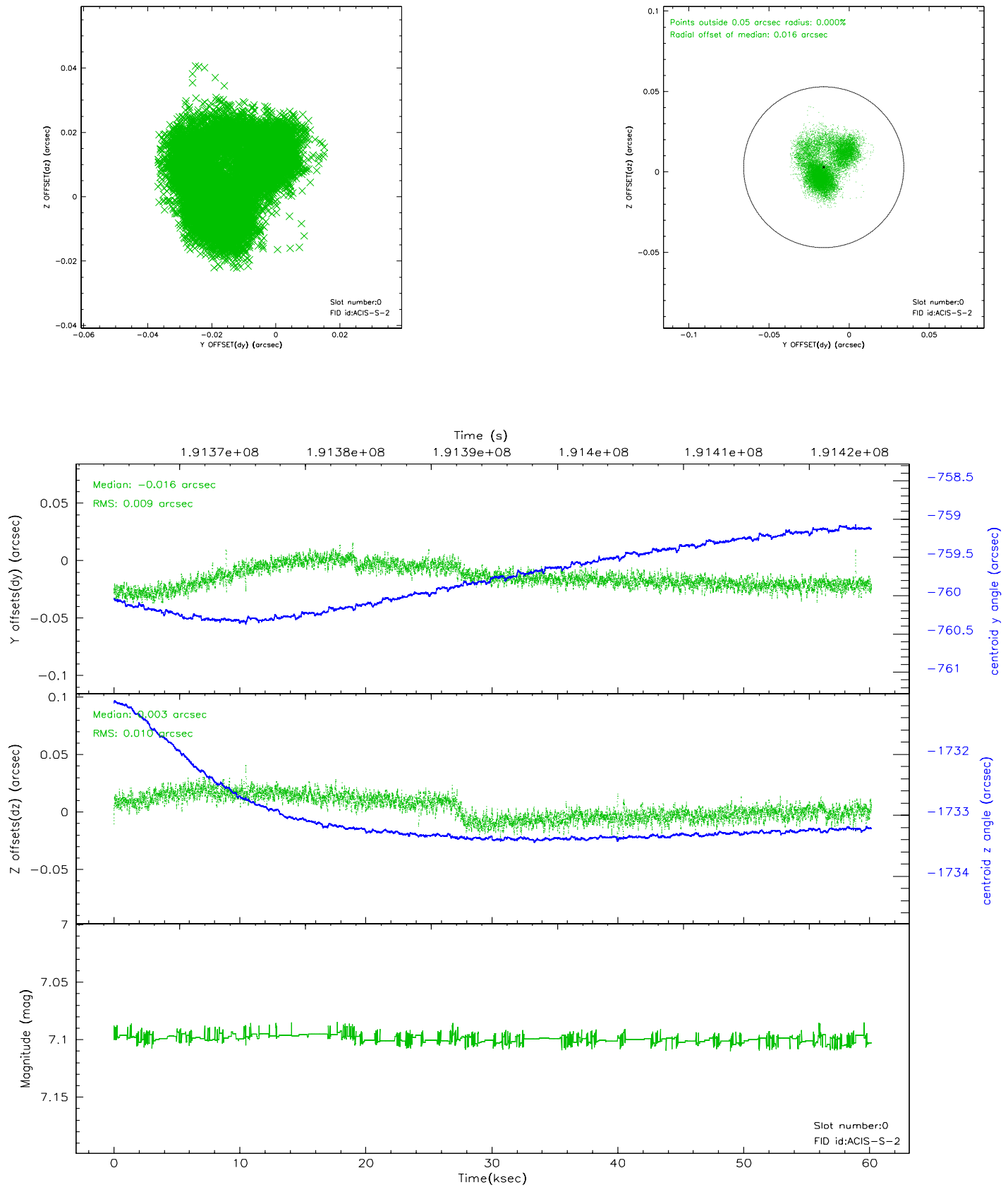


2.4.5 Slot 7

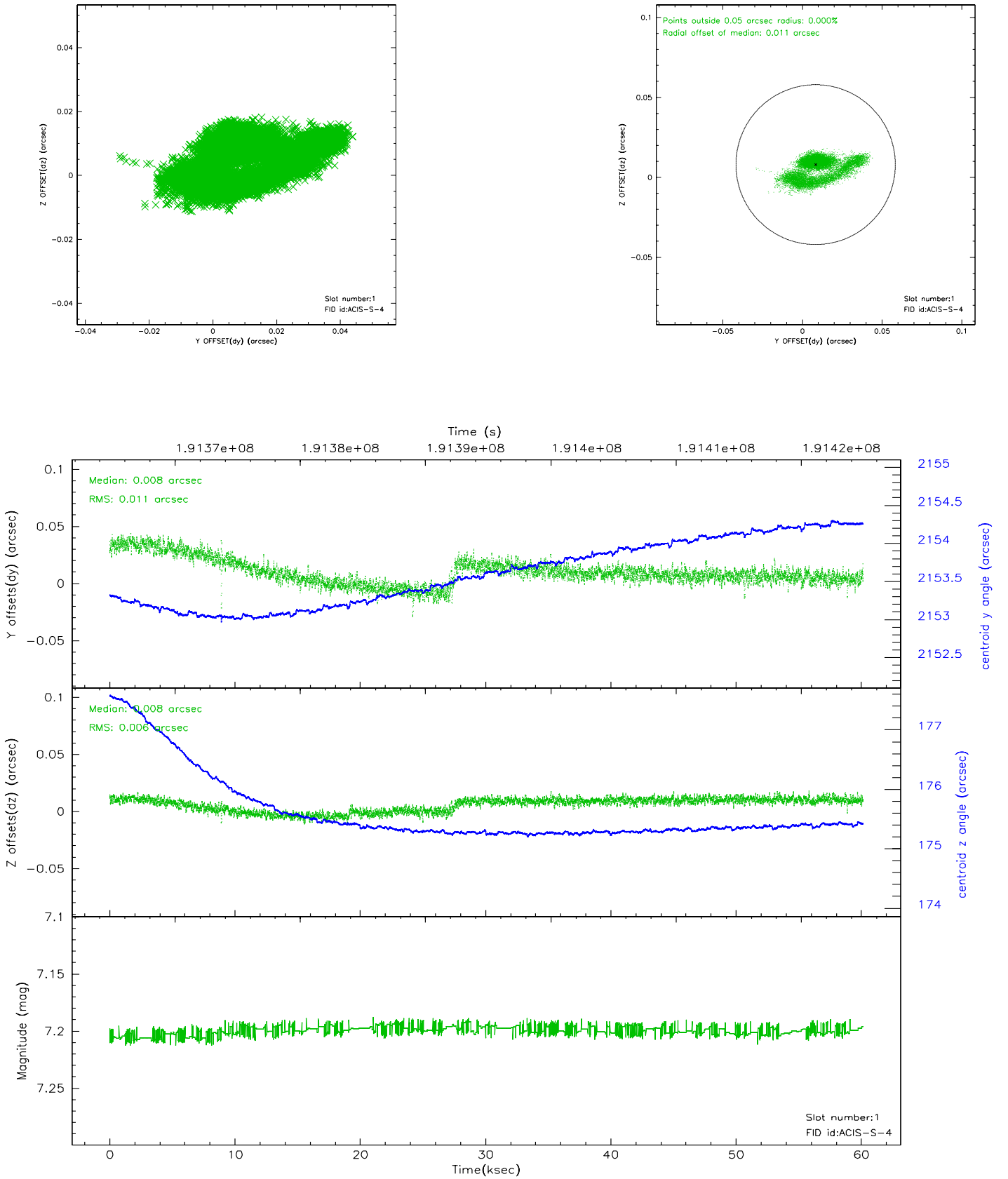


2.5 FID Slots

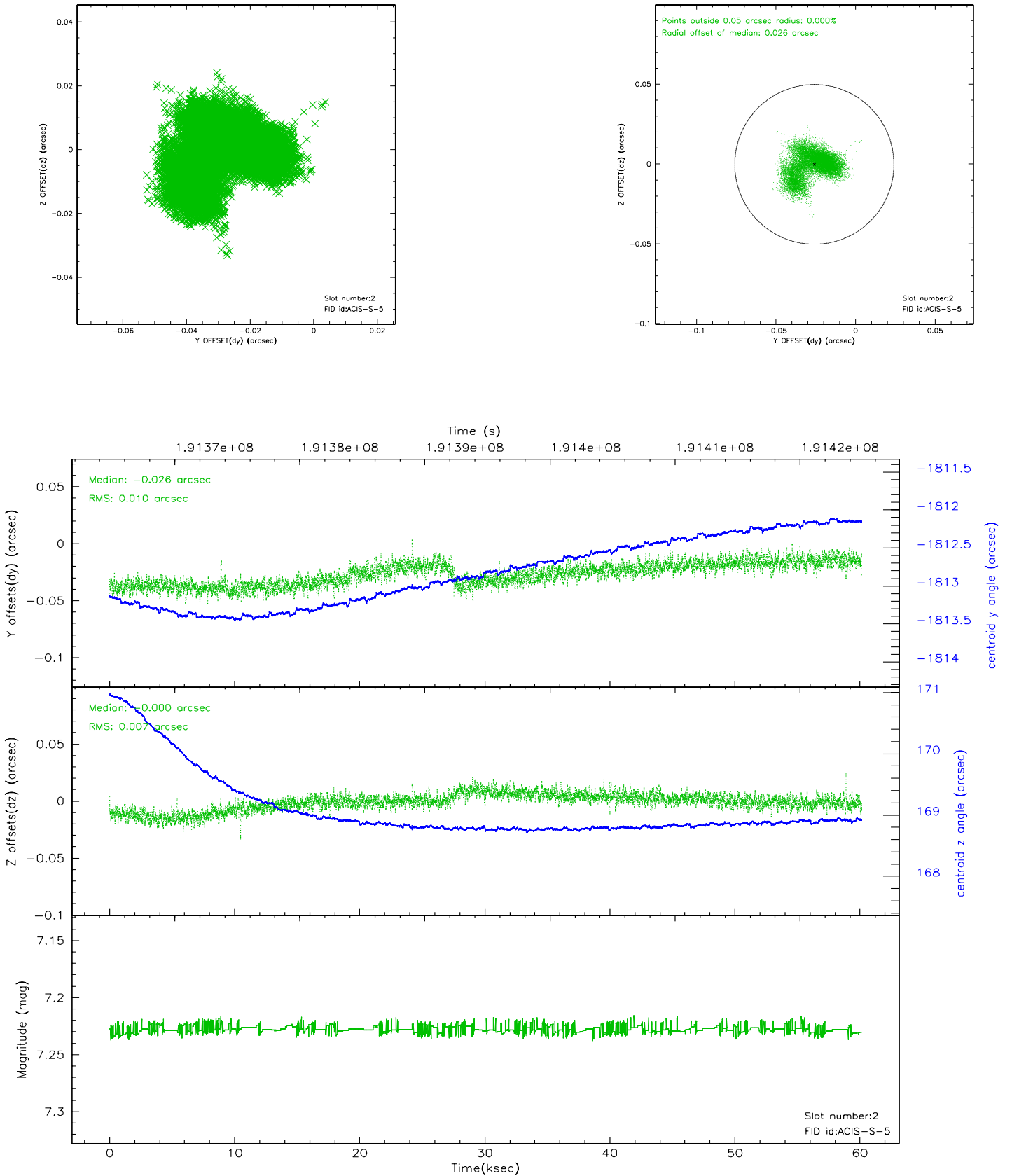
2.5.1 Slot 0



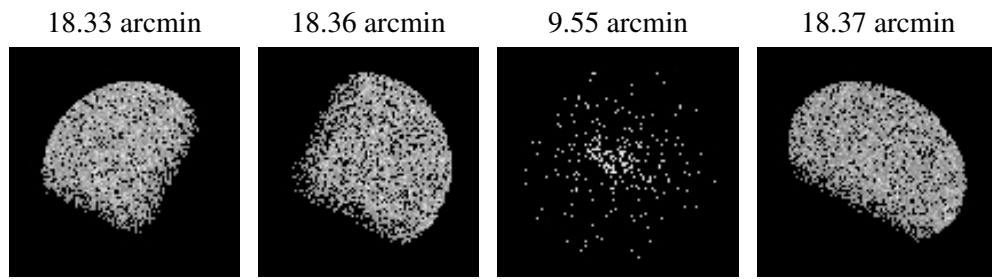
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.148

A.2 Comments