

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1640 - L2 Version 001
Chandra X-Ray Center

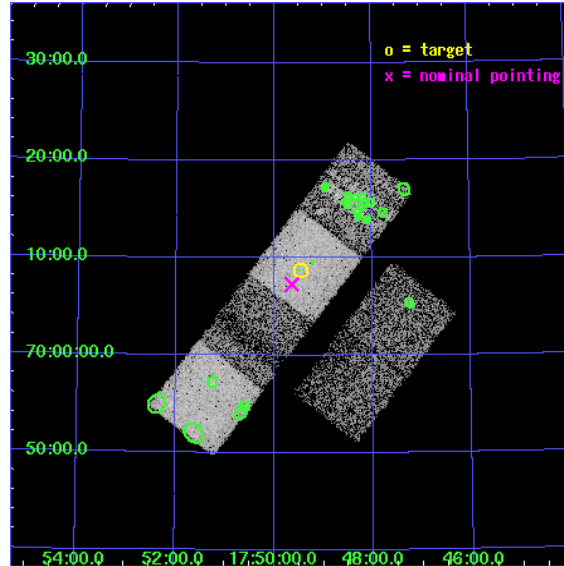
L2 Processing Date : Jun 14 2007

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

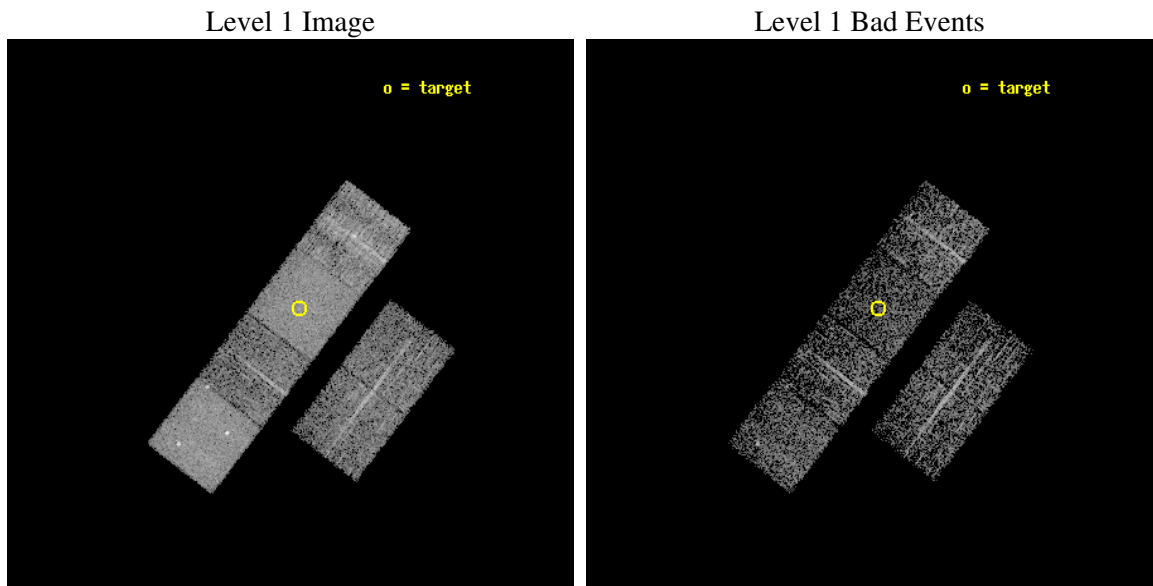
seq_num	700256
obs_id	1640
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 6503
dtcycle	0
cycle	P
ra_targ	267.3625
dec_targ	70.145833
ra_nom	267.41084066122
dec_nom	70.121496106538
roll_nom	307.34898498563
revision	2
ontime	2041.6000019014
livetime	2015.7480333734
ontime2	2041.6000019014
ontime3	2041.6000019014
ontime5	2041.6000019014
ontime6	2041.6000019014
ontime7	2041.6000019014
ontime8	2041.6000019014
l2events	55683



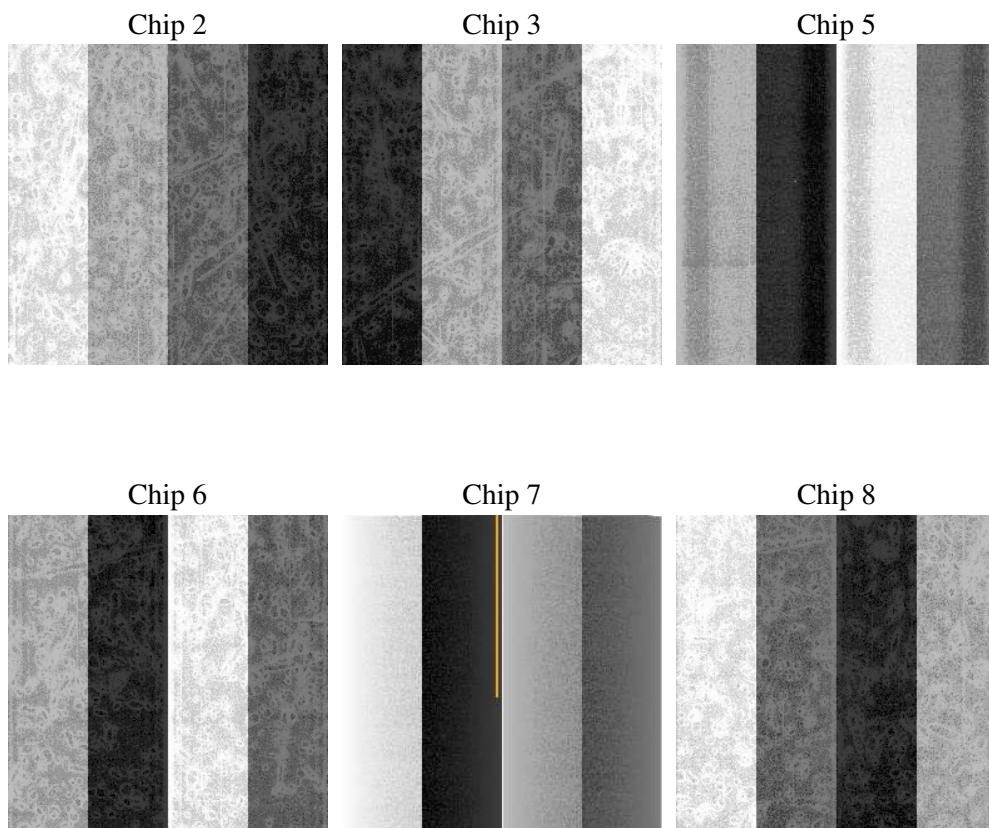
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-14T05:01:51
revision	2

sched_exp_time	2092.009000
ontime	2041.6000019014
ontime2	2041.6000019014
ontime3	2041.6000019014
ontime5	2041.6000019014
ontime6	2041.6000019014
ontime7	2041.6000019014
ontime8	2041.6000019014
llevents	138788

2.1.4 Events

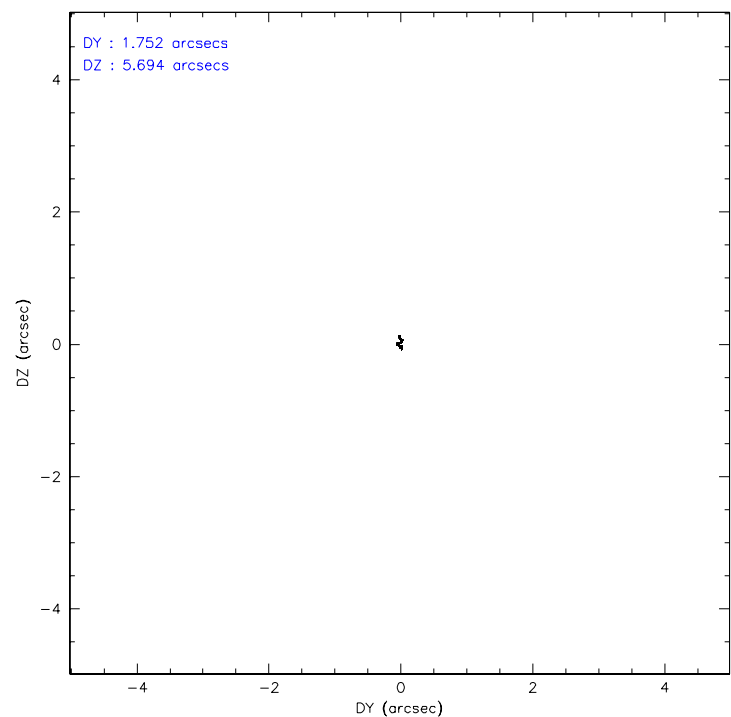
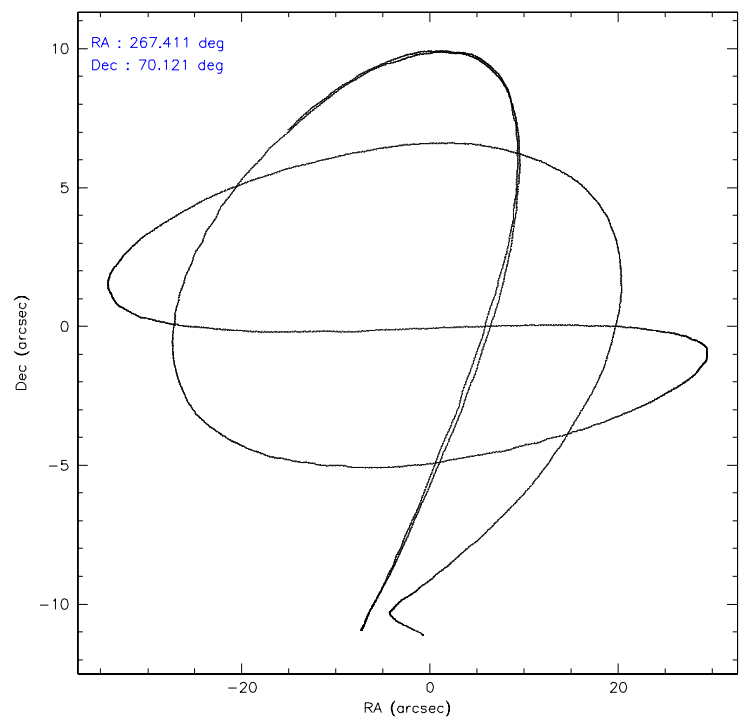
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	16567	16539	32013	16591	28555	28523
rejected events	12758	12488	11848	12167	9828	15063
rejected %	77%	75%	37%	73%	34%	52%

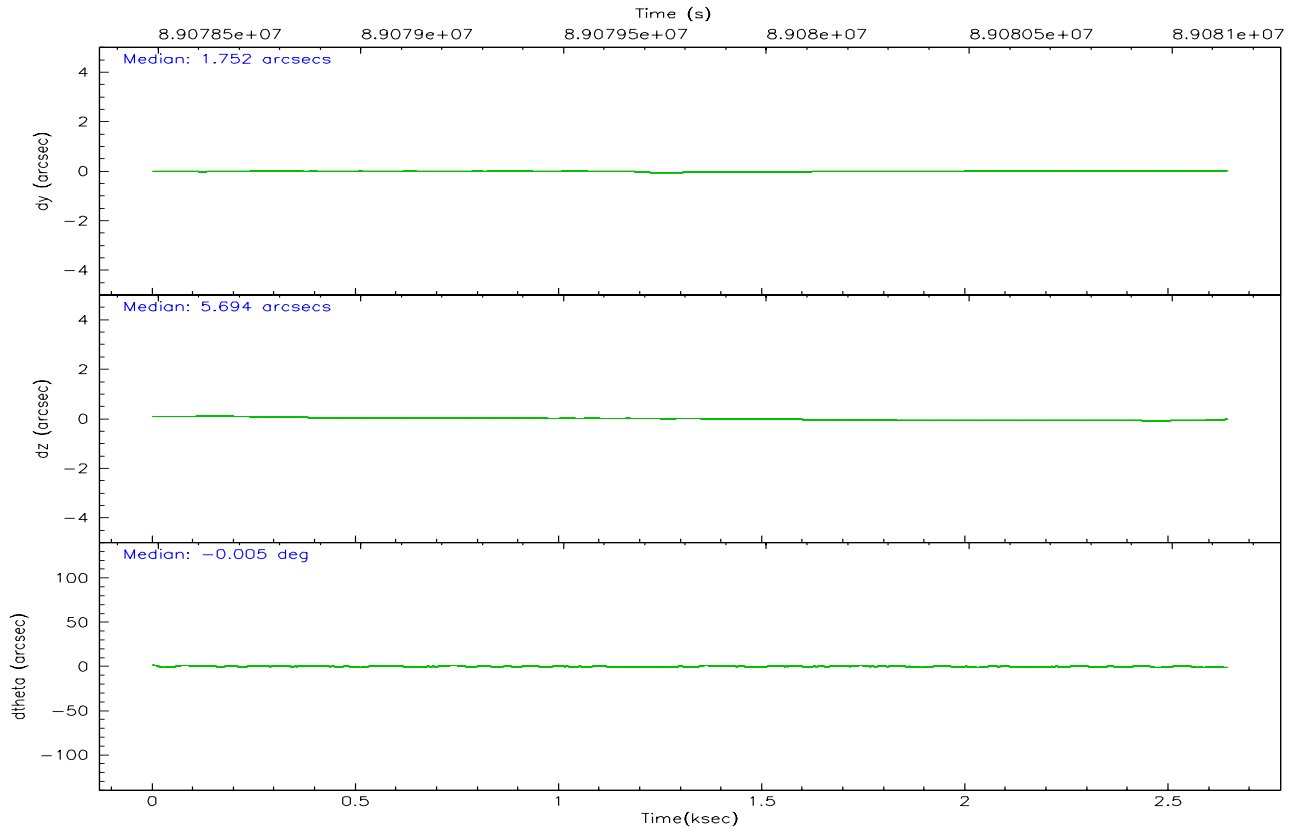
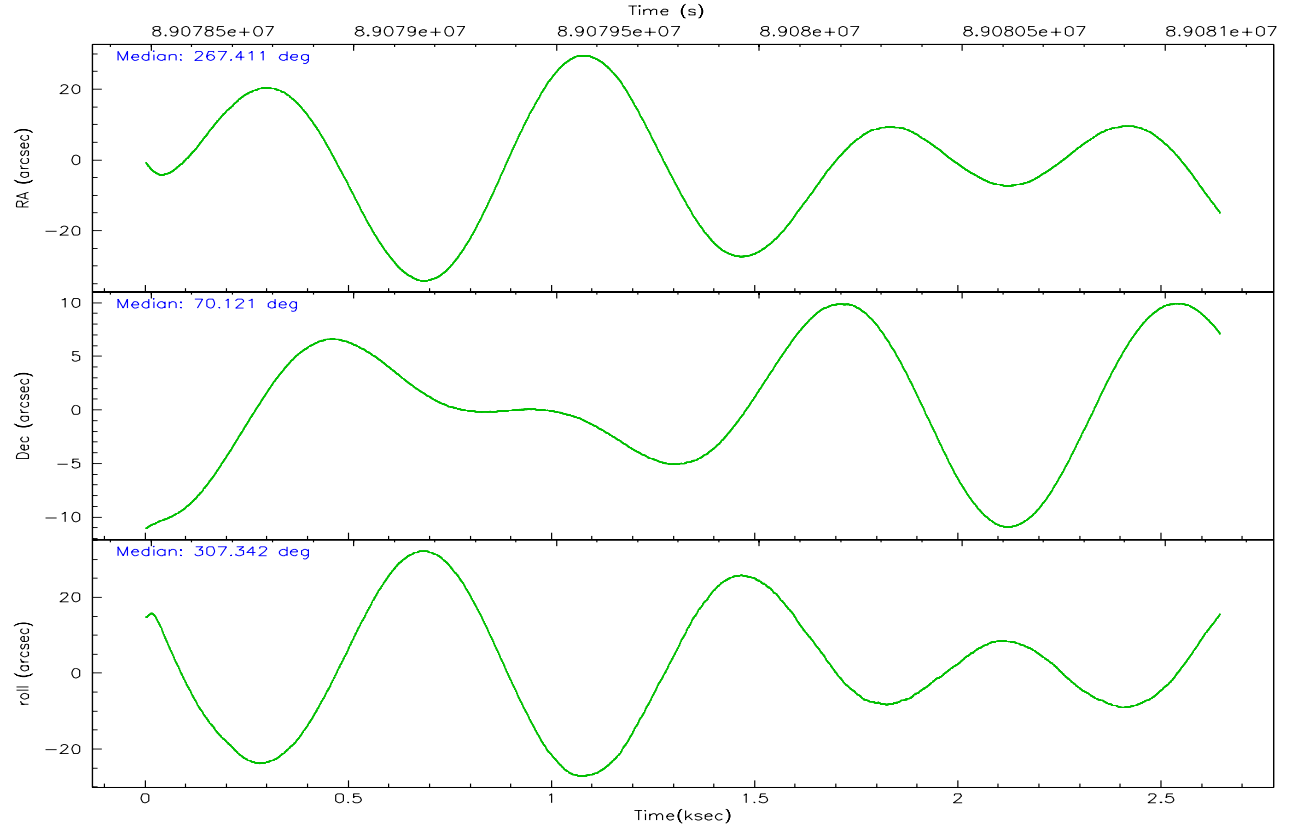
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1789	1722	3653	2116	2352	5761
	10%	10%	11%	12%	8%	20%
grade 1 events	8	10	61	14	18	34
	0%	0%	0%	0%	0%	0%
grade 2 events	978	1241	5733	1198	3570	2169
	5%	7%	17%	7%	12%	7%
grade 3 events	143	145	1202	204	1663	1868
	0%	0%	3%	1%	5%	6%
grade 4 events	216	210	1256	210	1610	1756
	1%	1%	3%	1%	5%	6%
grade 5 events	416	485	1710	511	1654	715
	2%	2%	5%	3%	5%	2%
grade 6 events	688	741	8354	700	9552	2004
	4%	4%	26%	4%	33%	7%
grade 7 events	12329	11985	10044	11638	8136	14216
	74%	72%	31%	70%	28%	49%

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	267.335901	267.4108406612218	Subarray requested	NONE	NONE
Pointing Dec	70.131840	70.1214961065379	Alternating exposures requested	N	N
Pointing Roll	307.262780	307.3489849856282	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	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	89079042.184000	89077897.12467299			
Observation start date	2000-10-28T00:09:38	2000-10-27T23:51:37			
Observation end time	89081134.184000	89081779.31231999			
Observation end date	2000-10-28T00:44:30	2000-10-28T00:56:19			
Read mode	TIMED	TIMED			

2.3 Aspect



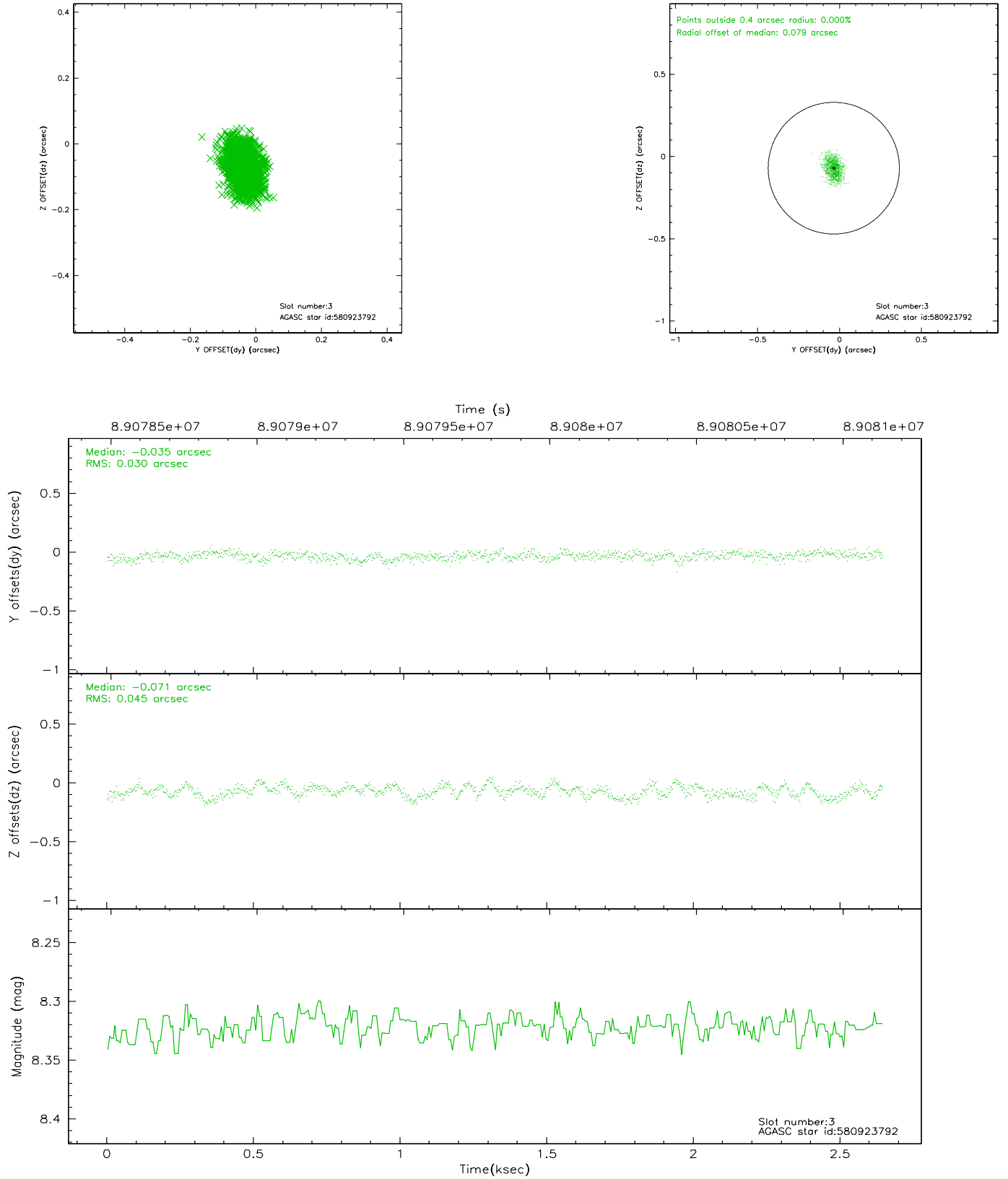


Slot Statistics

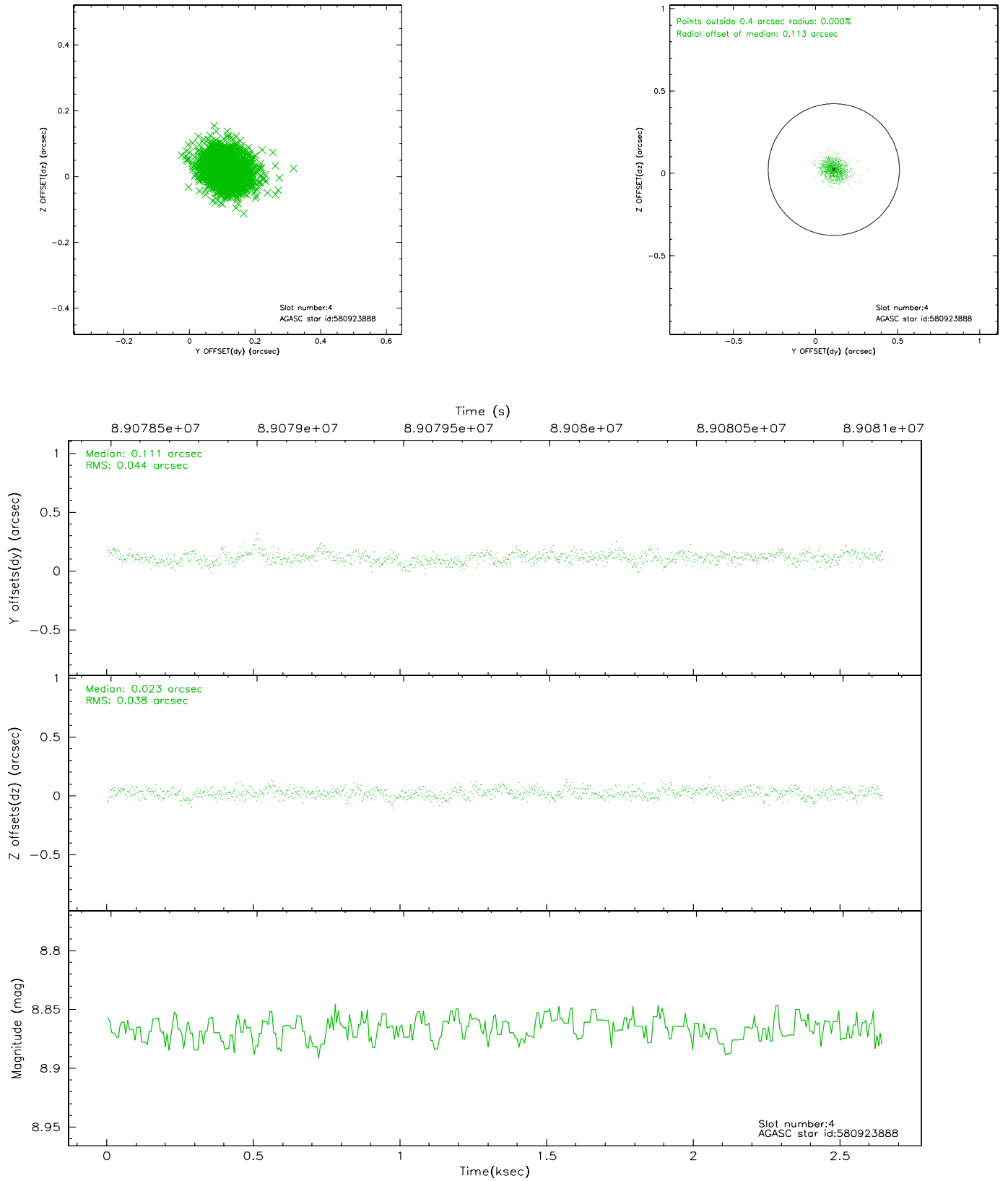
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	645	-0.032	0.026	0.006	0.010	0.000000	0.000000	-754.36	-1726.70
1	FID	ACIS-S-4	7.21	645	-0.061	0.009	0.005	0.009	0.000000	0.000000	2157.76	179.29
2	FID	ACIS-S-5	7.24	645	0.062	-0.026	0.006	0.010	0.000000	0.000000	-1803.99	175.64
3	GUIDE	580923792	8.32	1291	-0.035	-0.071	0.058	0.095	267.549562	70.142608	126.34	231.73
4	GUIDE	580923888	8.87	1290	0.111	0.023	0.062	0.099	266.800621	69.747807	693.90	-1365.83
5	GUIDE	580920720	9.06	1291	-0.045	0.072	0.072	0.113	264.904777	70.186565	-1999.53	-2206.44
6	GUIDE	580916112	9.20	1291	-0.058	-0.029	0.082	0.128	268.306384	70.467709	-264.88	1665.67
7	GUIDE	580922136	9.19	1289	0.033	0.007	0.073	0.128	269.204285	70.081301	1503.16	1736.16

2.4 Star Slots

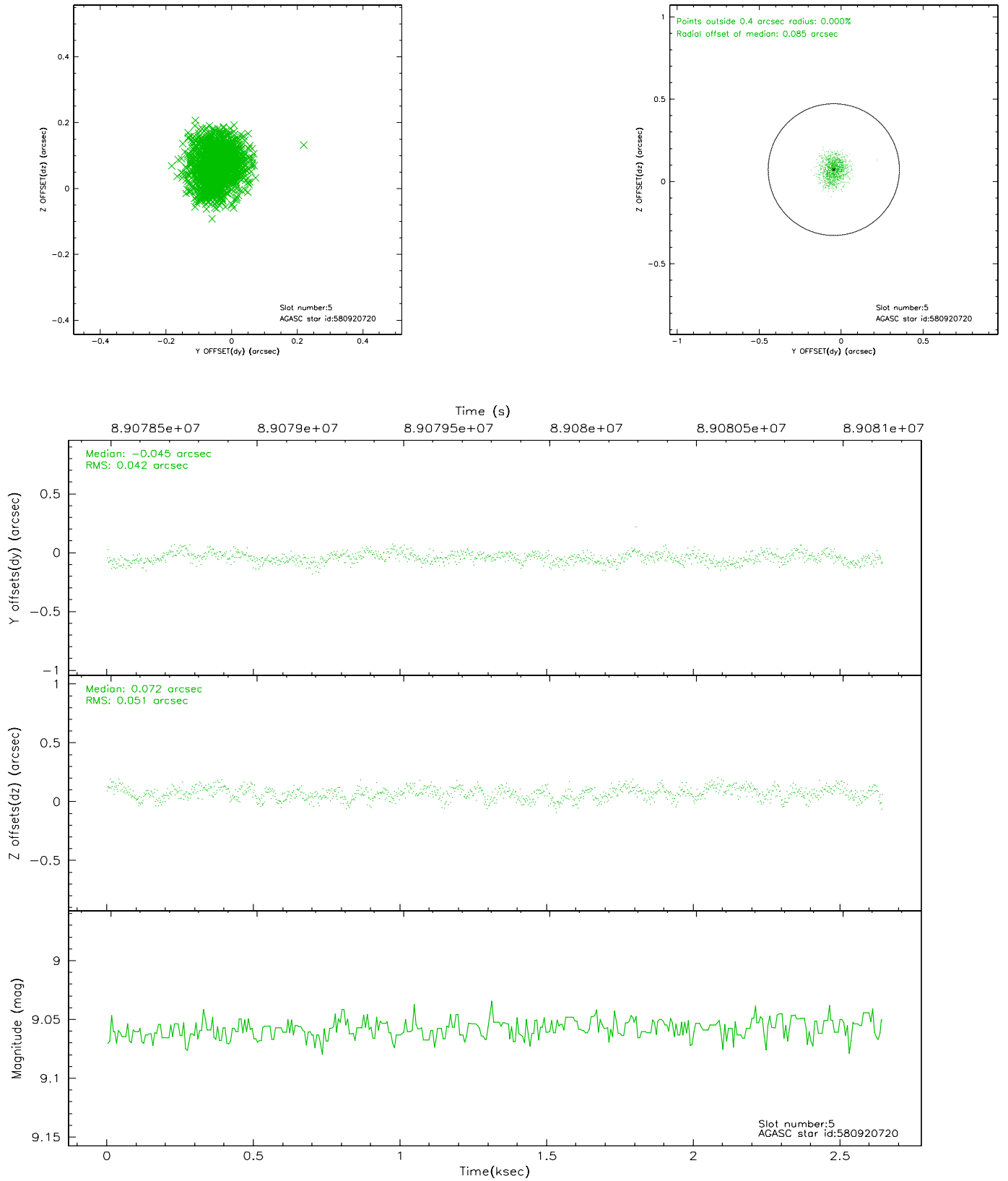
2.4.1 Slot 3



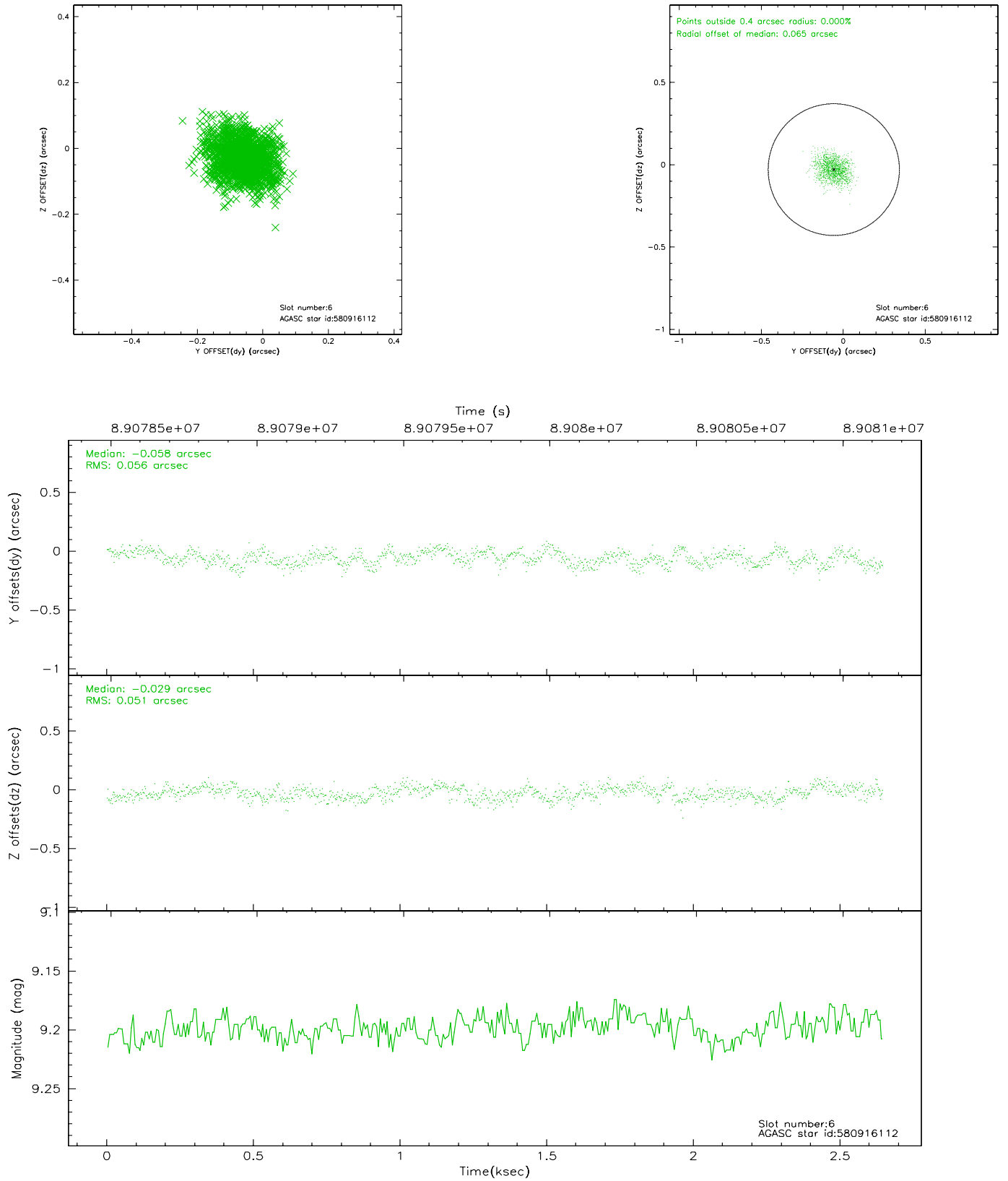
2.4.2 Slot 4



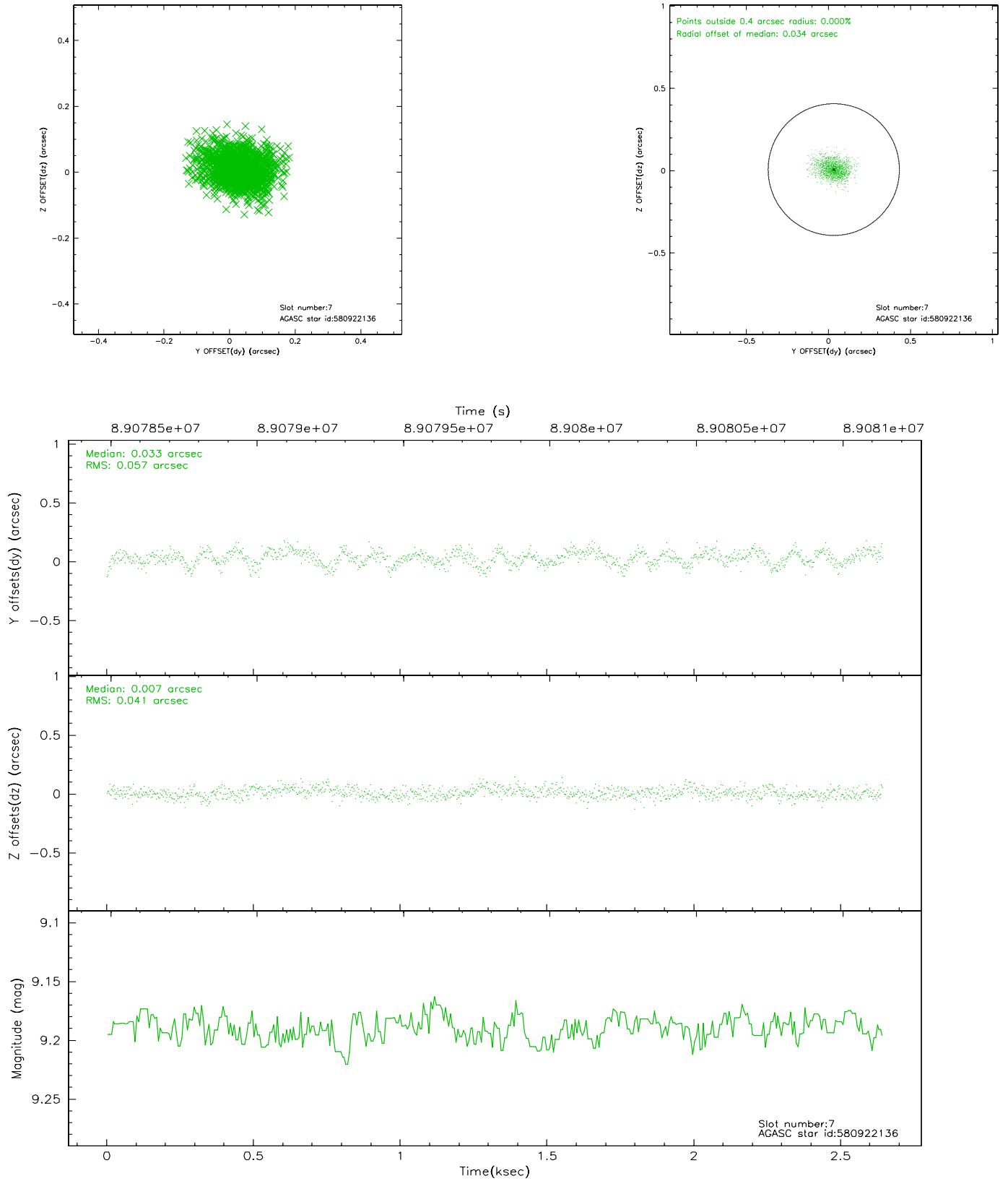
2.4.3 Slot 5



2.4.4 Slot 6

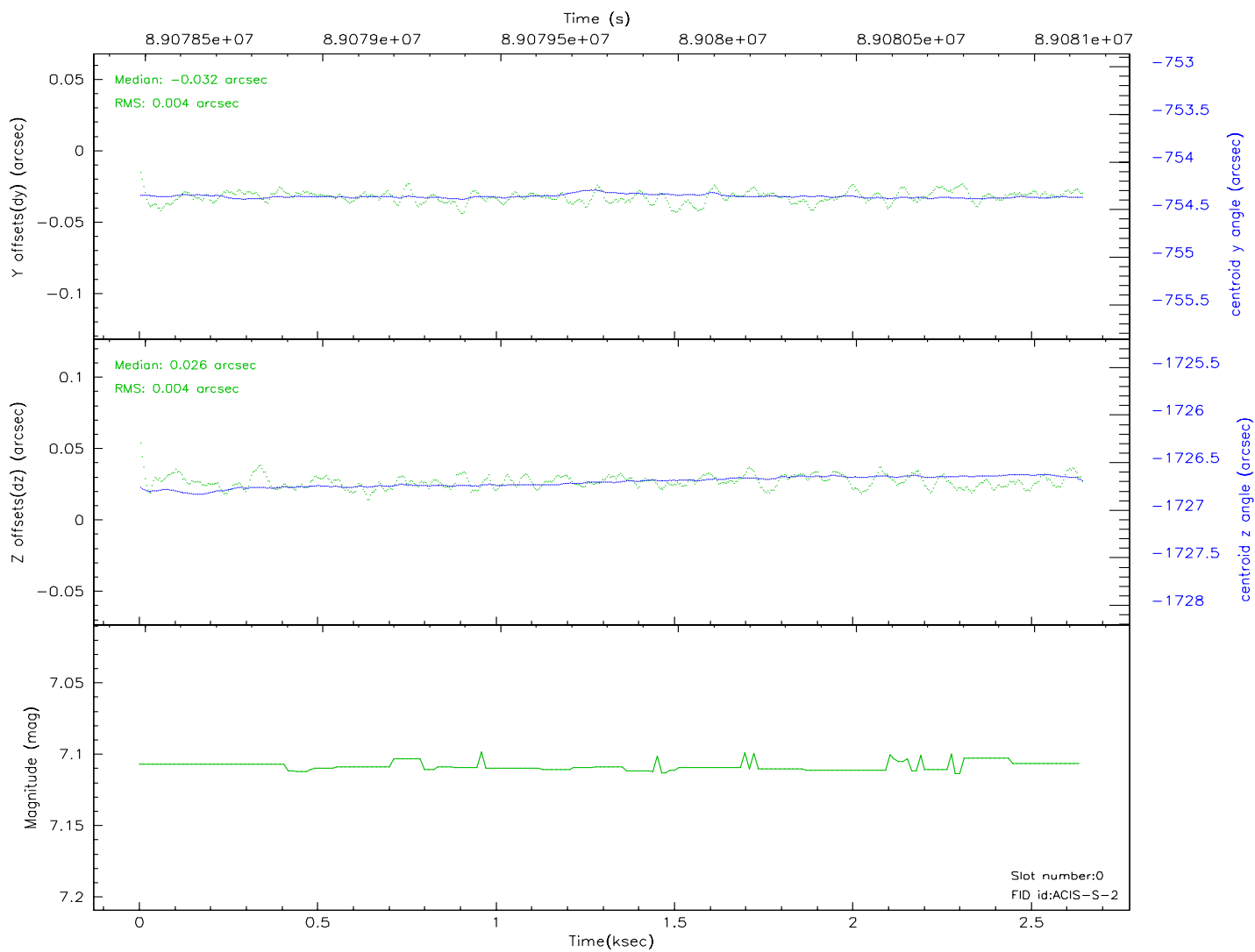
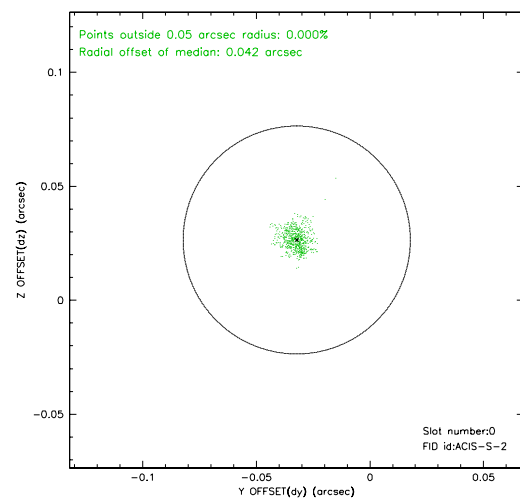
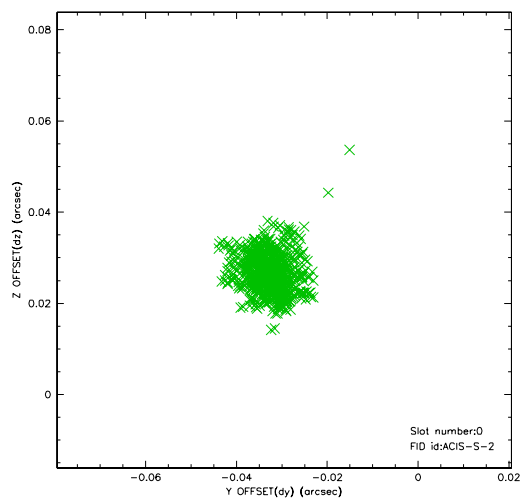


2.4.5 Slot 7

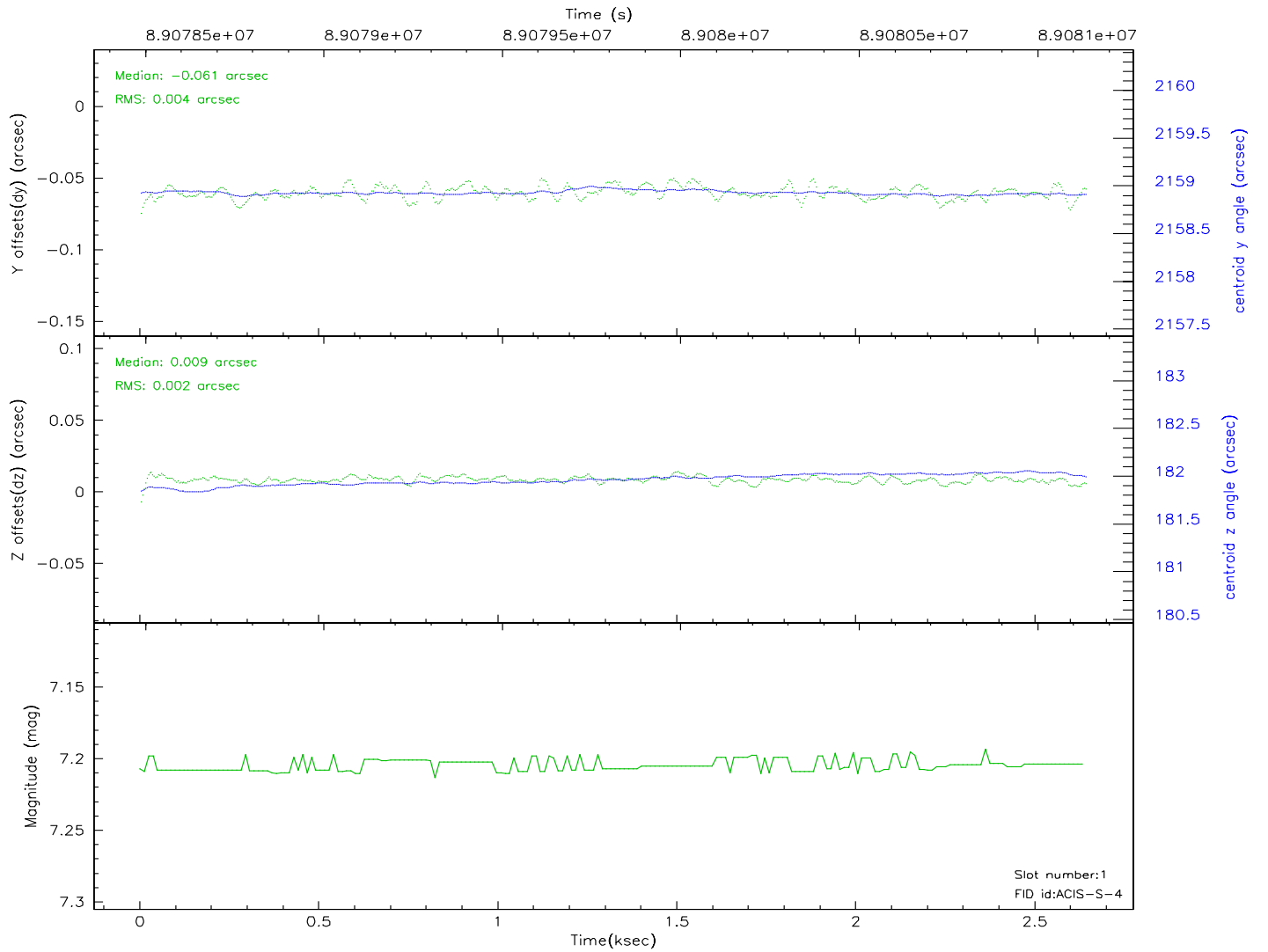
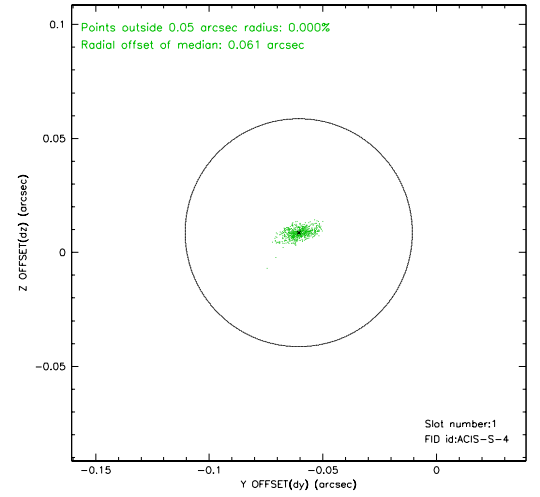
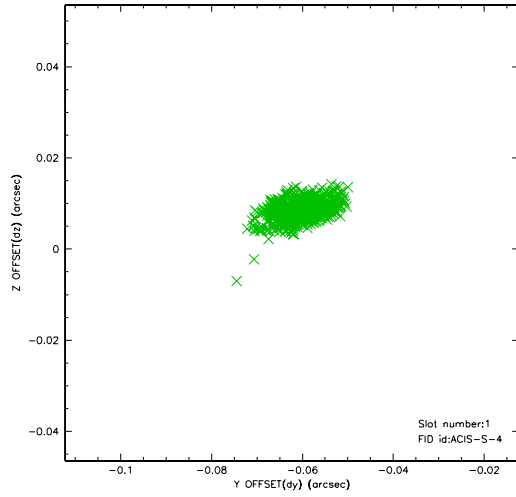


2.5 FID Slots

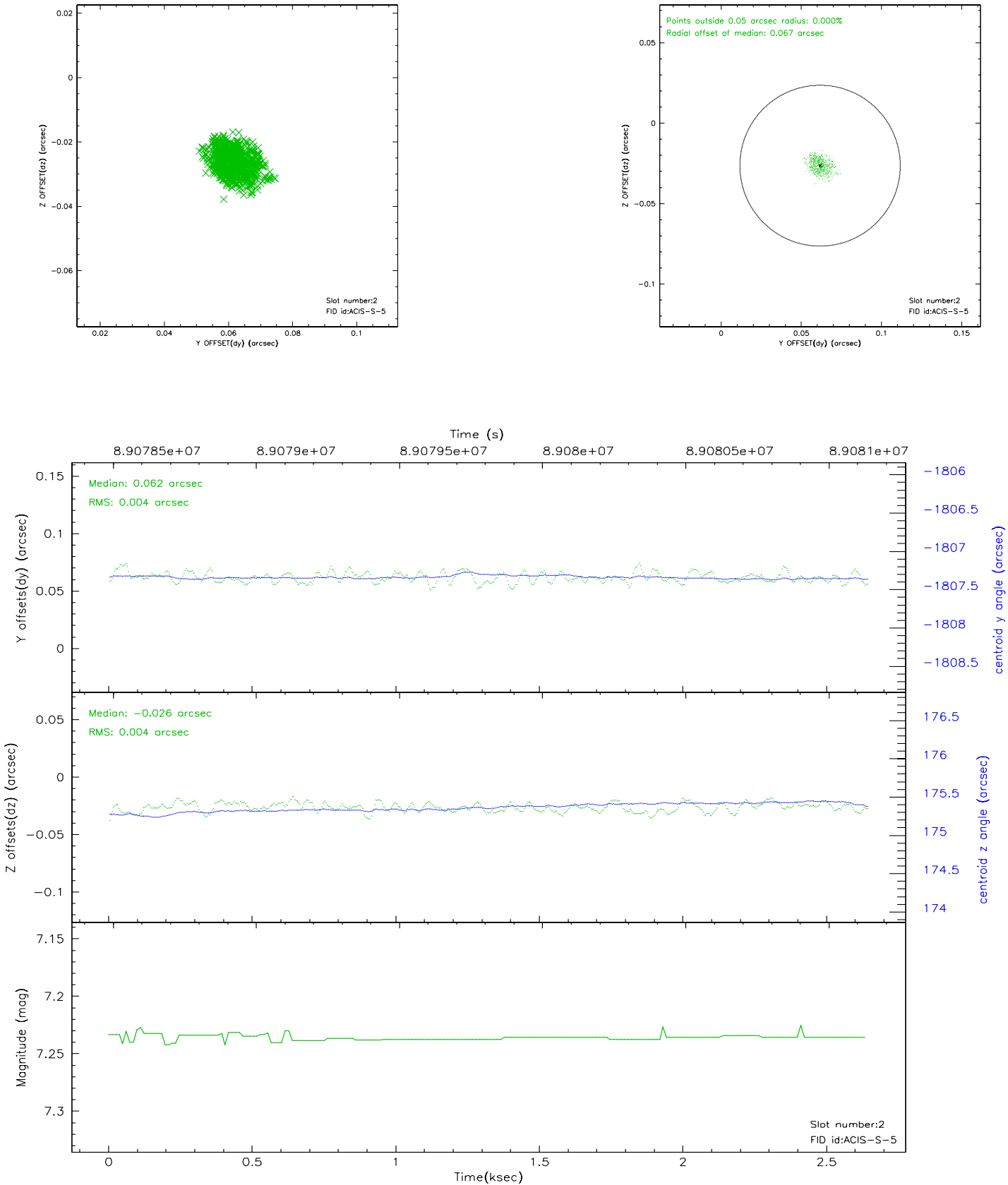
2.5.1 Slot 0



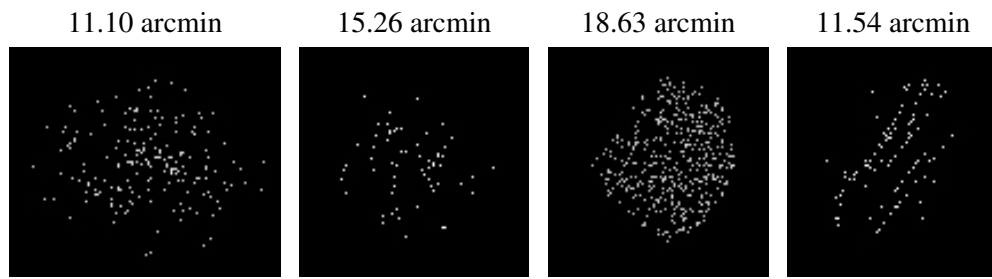
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.041

A.2 Comments