

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3789 - L2 Version 001
Chandra X-Ray Center

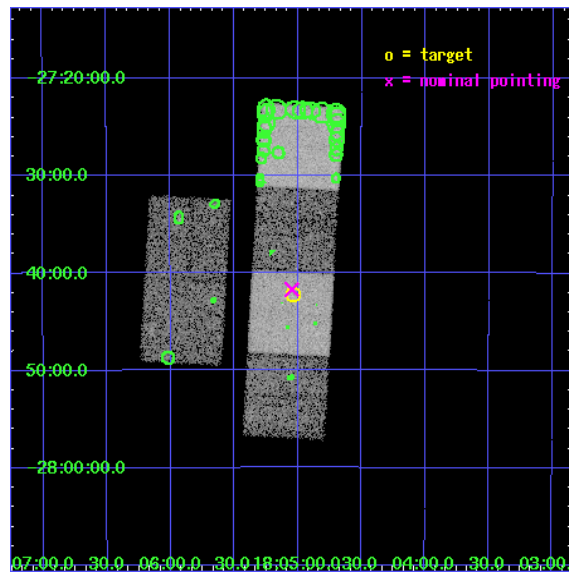
L2 Processing Date : Jul 27 2006

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

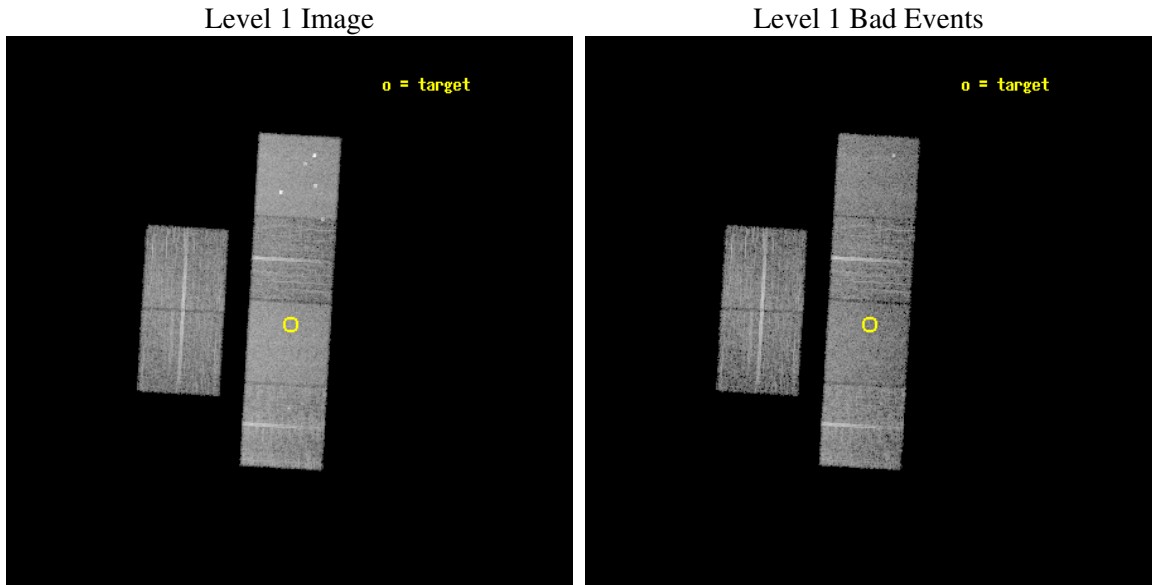
seq_num	400276
obs_id	3789
title	FIRST X-RAY DETECTION OF AN ISOLATED BLACKHOLE CANDIDATE MACHO-96-BLG-5
observer	MR. YOSHIHITO KOBAYASHI
object	MACHO-96-BLG-5
dtcycle	0
cycle	P
ra_targ	271.260417
dec_targ	-27.704722
ra_nom	271.26173036297
dec_nom	-27.695096917619
roll_nom	93.30989906941
revision	2
ontime	9955.1589926481
livetime	9829.1007752061
ontime2	9958.3999629021
ontime3	9958.3999629021
ontime5	9955.1590225697
ontime6	9958.3999629021
ontime7	9955.1589926481
ontime8	9958.3999629021
l2events	105381



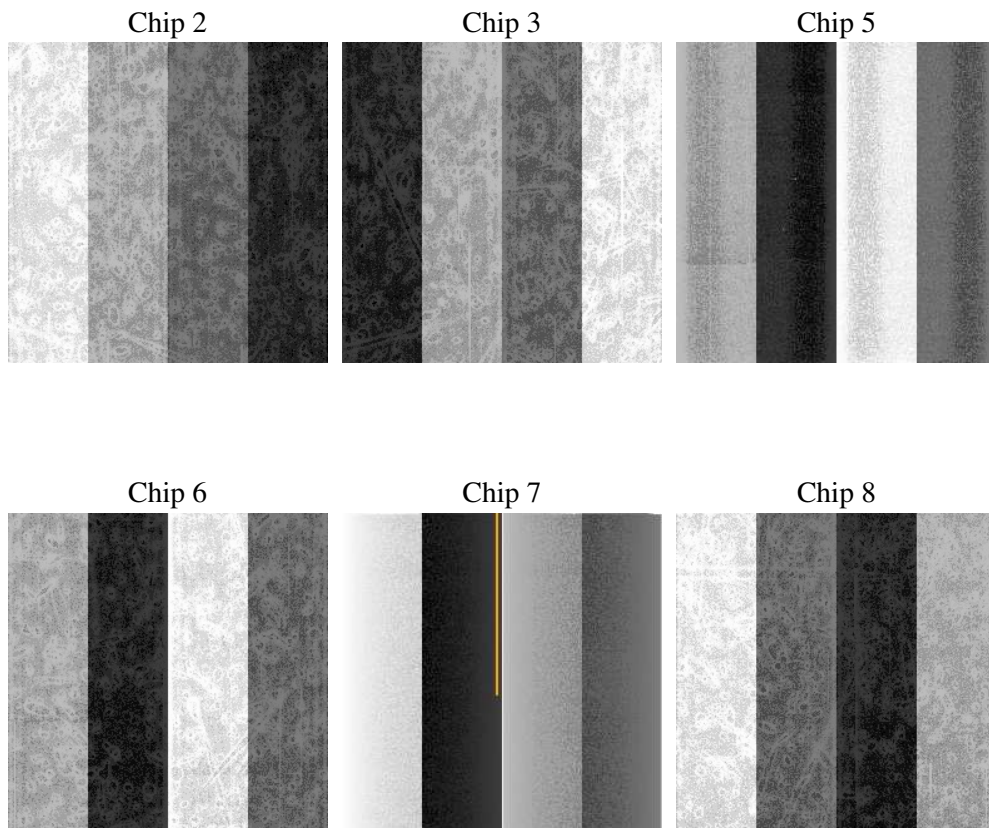
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-27T16:13:02
revision	2

sched_exp_time	10000.000000
ontime	9959.5915086865
ontime2	9962.8324789405
ontime3	9966.0734691322
ontime5	9959.5915386081
ontime6	9966.0734691322
ontime7	9959.5915086865
ontime8	9966.0734691322
l1events	447223

2.1.4 Events

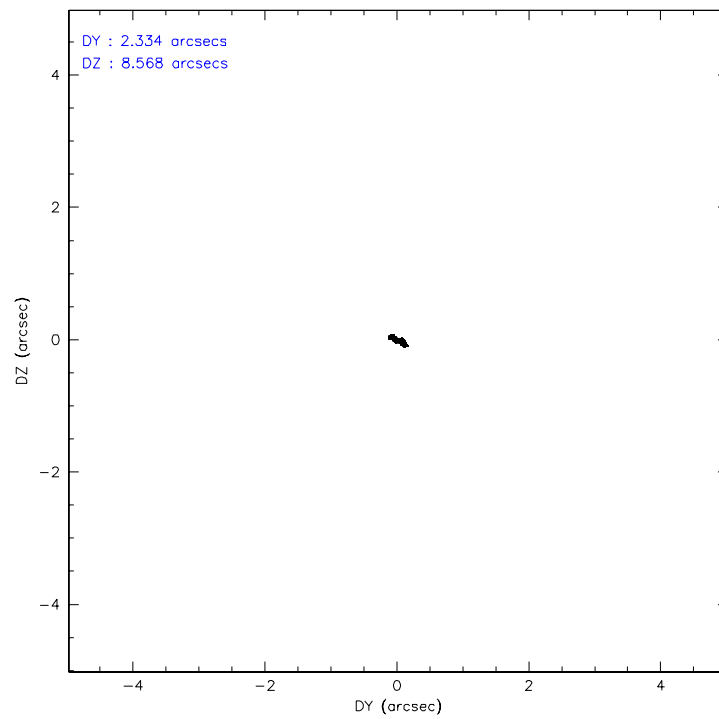
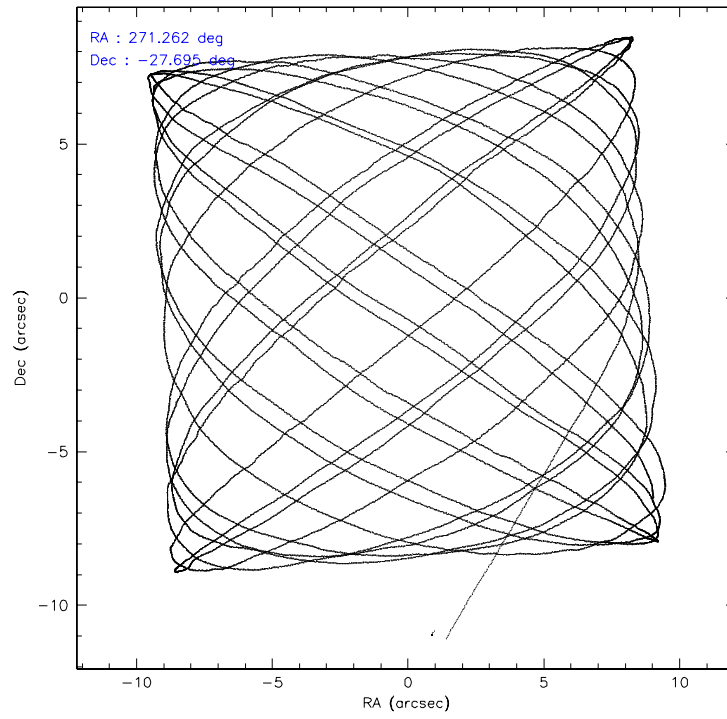
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	64978	59634	94364	63016	85161	80070
rejected events	56350	50982	50254	53985	50661	62438
rejected %	86%	85%	53%	85%	59%	77%

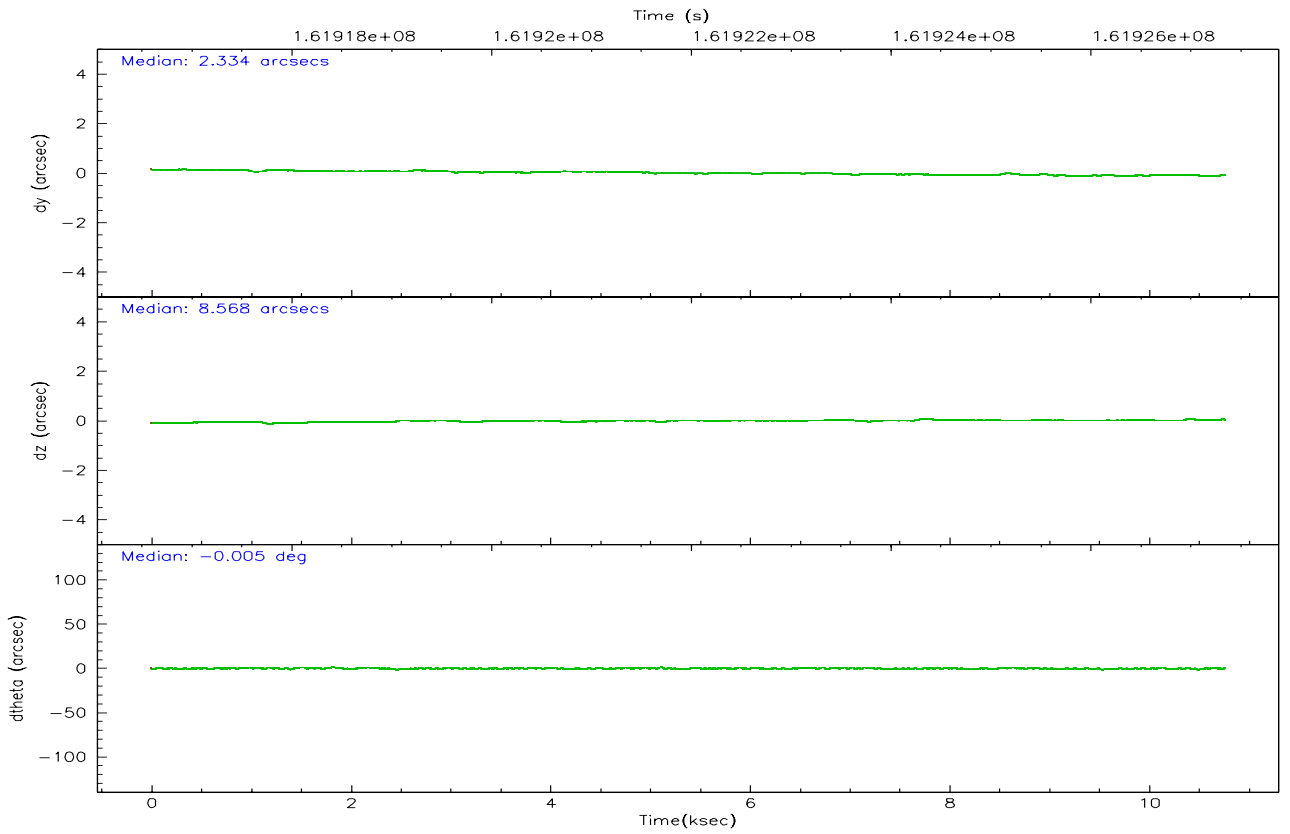
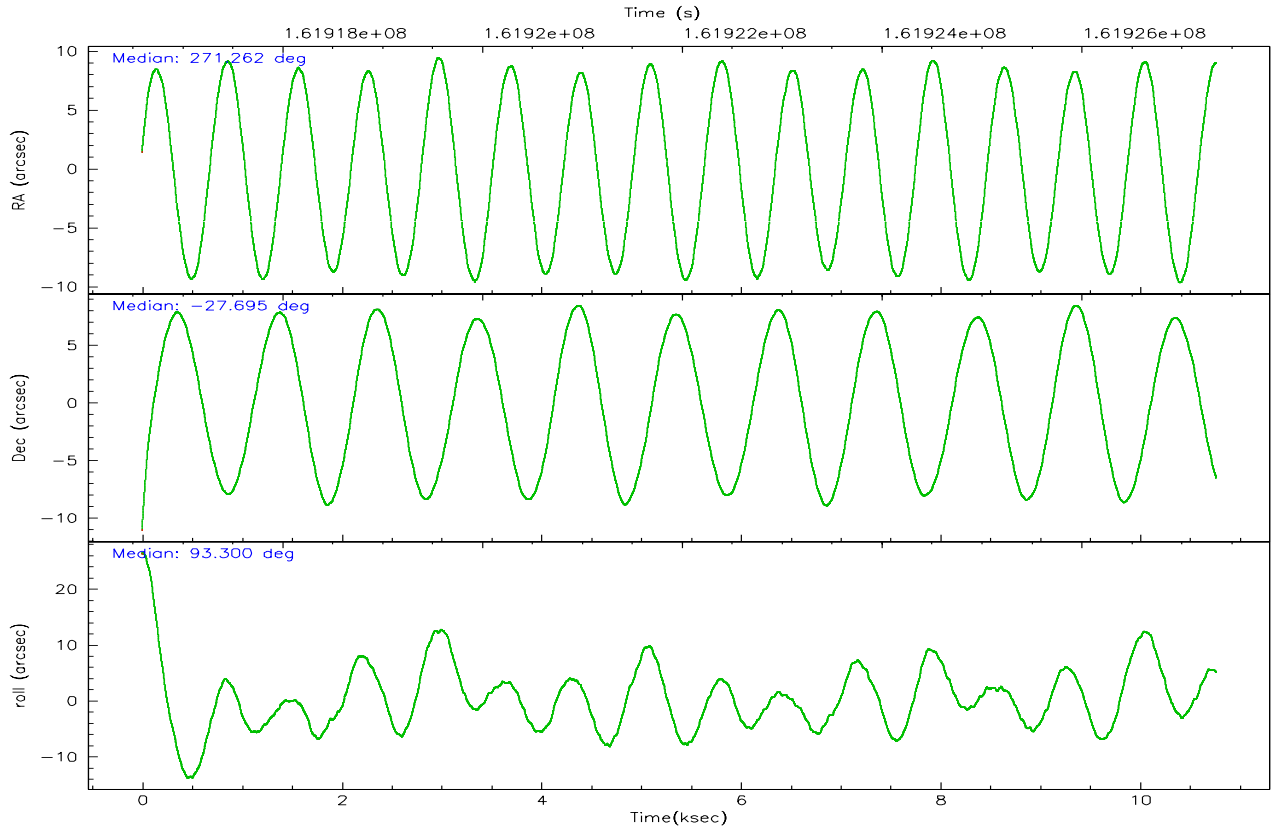
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4492	4483	5500	4490	2741	6717
	6%	7%	5%	7%	3%	8%
grade 1 events	47	41	106	29	63	50
	0%	0%	0%	0%	0%	0%
grade 2 events	1502	1376	13324	1622	8510	3559
	2%	2%	14%	2%	9%	4%
grade 3 events	733	731	1115	732	1964	1743
	1%	1%	1%	1%	2%	2%
grade 4 events	691	744	1053	746	1990	1683
	1%	1%	1%	1%	2%	2%
grade 5 events	2462	2644	4317	2684	5254	3651
	3%	4%	4%	4%	6%	4%
grade 6 events	1214	1334	23141	1453	19316	3940
	1%	2%	24%	2%	22%	4%
grade 7 events	53837	48281	45808	51260	45323	58727
	82%	80%	48%	81%	53%	73%

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	NONE	NONE
Pointing RA	271.278945	271.2617303629654	Alternating exposures requested	N	N
Pointing Dec	-27.717671	-27.69509691761876	Primary exposure time	0.000000	3.2
Pointing Roll	93.161268	93.30989906941009			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	161917352.184000	161916102.56618			
Observation start date	2003-02-18T01:01:28	2003-02-18T00:41:42			
Observation end time	161927352.184000	161928028.44168			
Observation end date	2003-02-18T03:48:08	2003-02-18T04:00:28			
Read mode	TIMED	TIMED			

2.3 Aspect



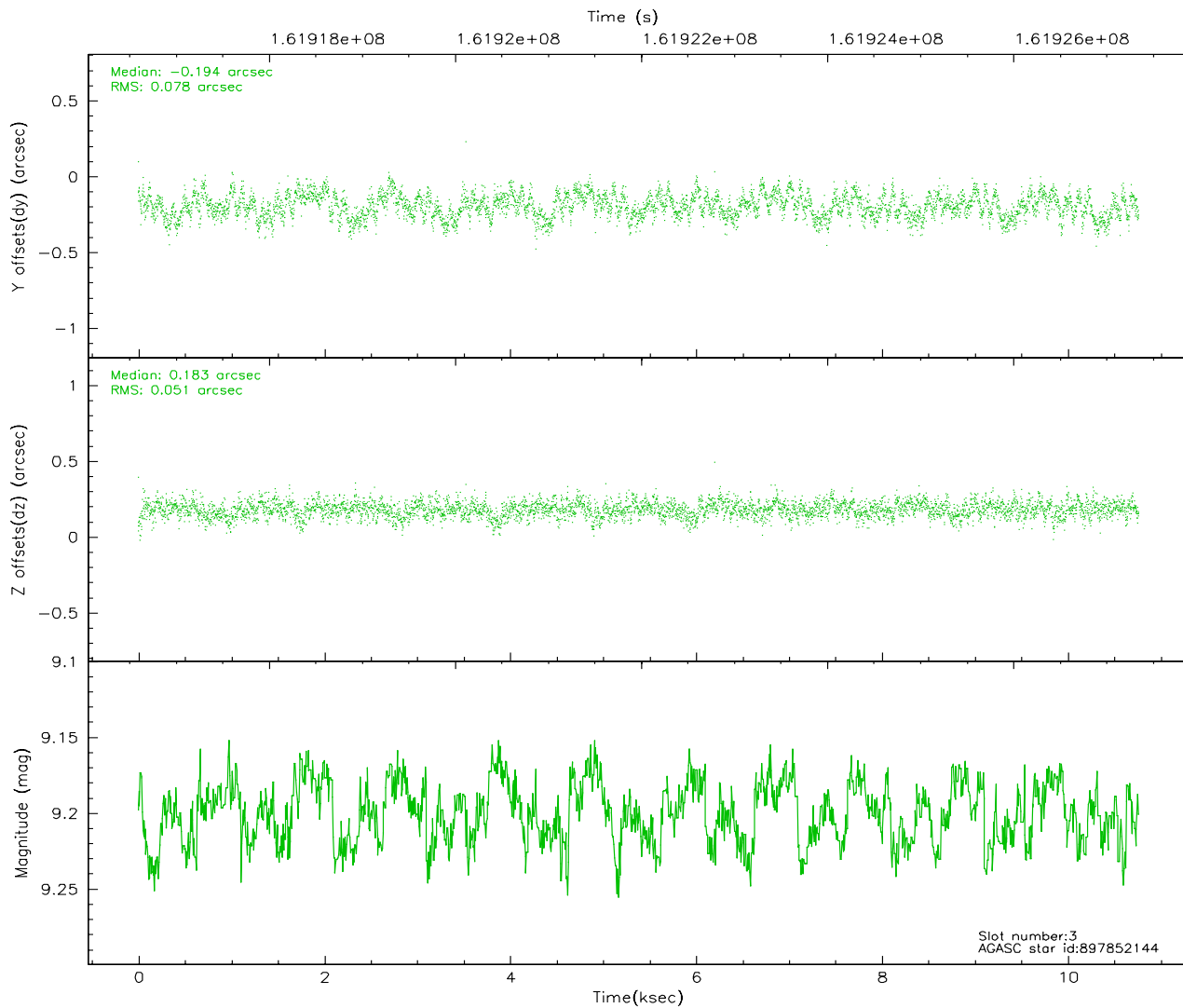
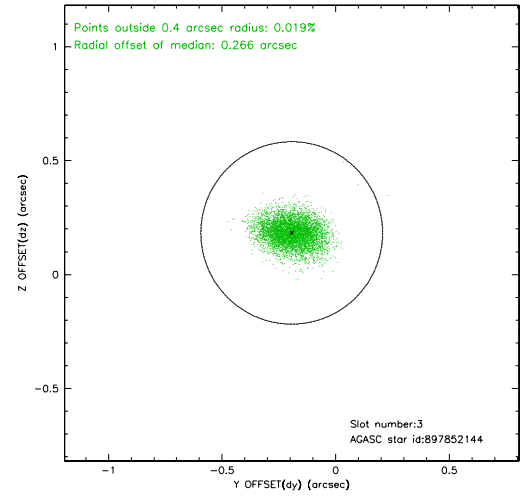
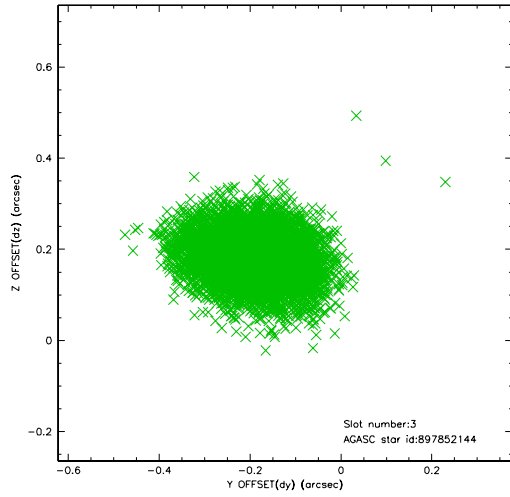


Slot Statistics

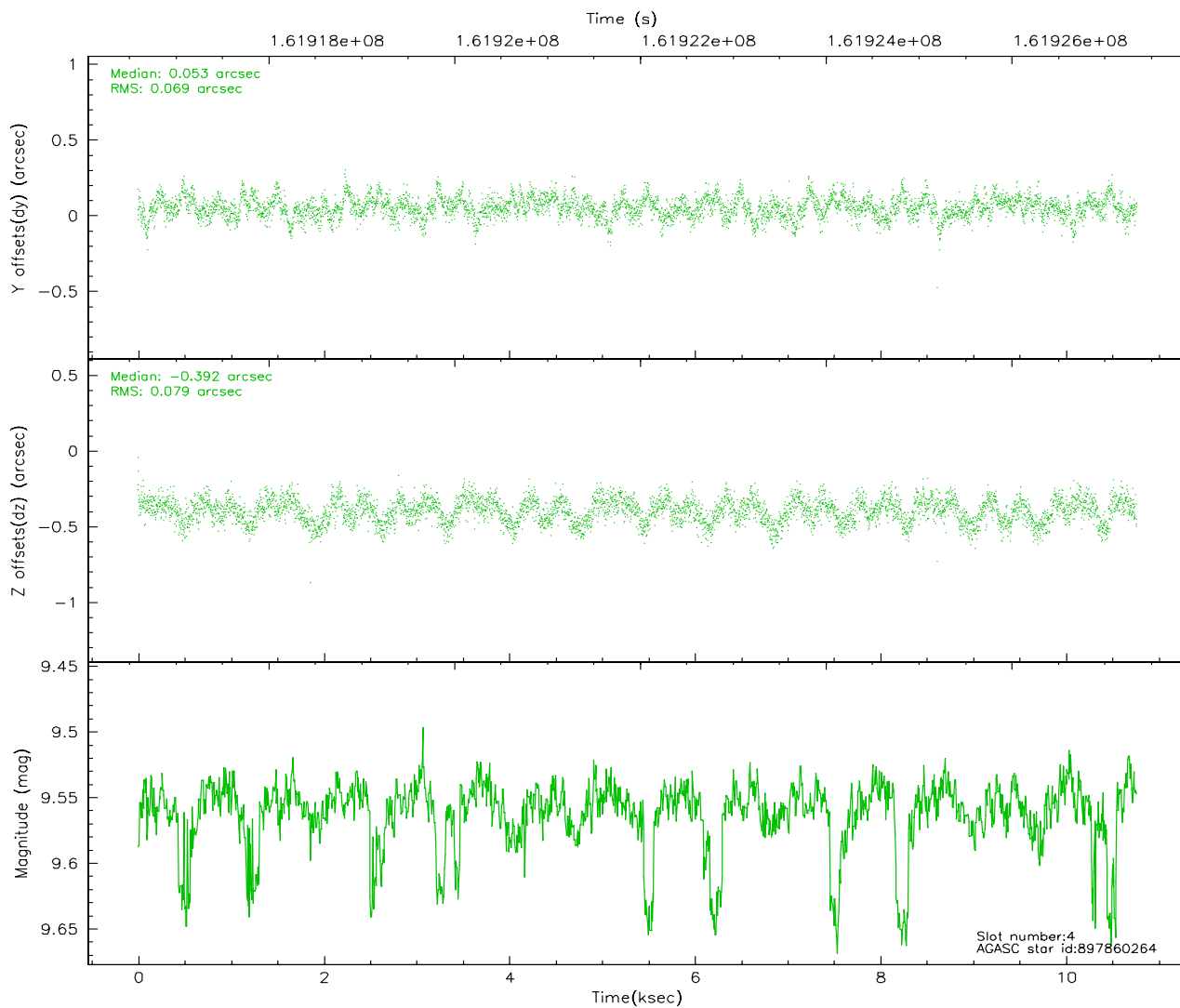
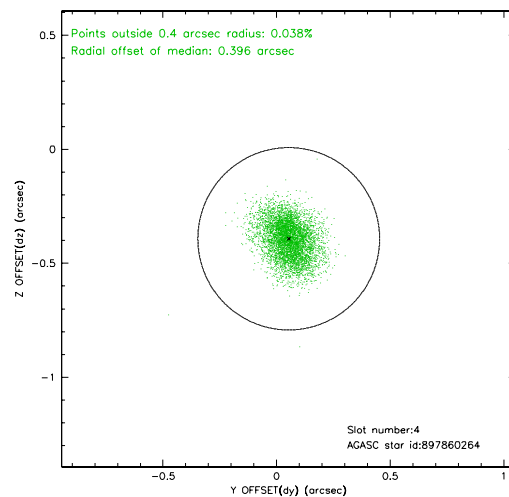
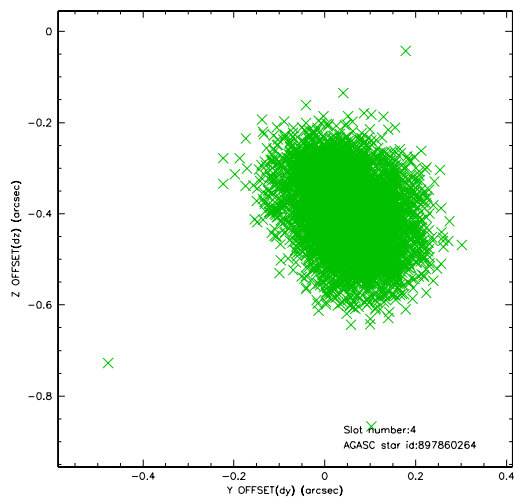
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2627	0.004	0.041	0.007	0.013	0.000000	0.000000	941.06	-1725.31
1	FID	ACIS-S-5	7.24	2625	0.021	0.034	0.007	0.012	0.000000	0.000000	-1807.63	171.77
2	FID	ACIS-S-6	7.36	2626	-0.046	-0.063	0.007	0.013	0.000000	0.000000	406.06	816.15
3	GUIDE	897852144	9.20	5252	-0.194	0.183	0.099	0.160	271.756846	-27.102058	2125.69	-1650.79
4	GUIDE	897860264	9.56	5232	0.053	-0.392	0.112	0.181	270.635722	-27.877873	-468.12	2075.05
5	GUIDE	897853104	9.66	5209	0.068	-0.193	0.114	0.185	270.863642	-27.550635	671.15	1290.85
6	GUIDE	897852944	9.51	5229	-0.160	0.160	0.134	0.215	271.476011	-27.063612	2315.91	-759.84
7	GUIDE	898380696	9.94	5239	0.237	0.240	0.104	0.170	271.743693	-28.278007	-2097.20	-1360.13

2.4 Star Slots

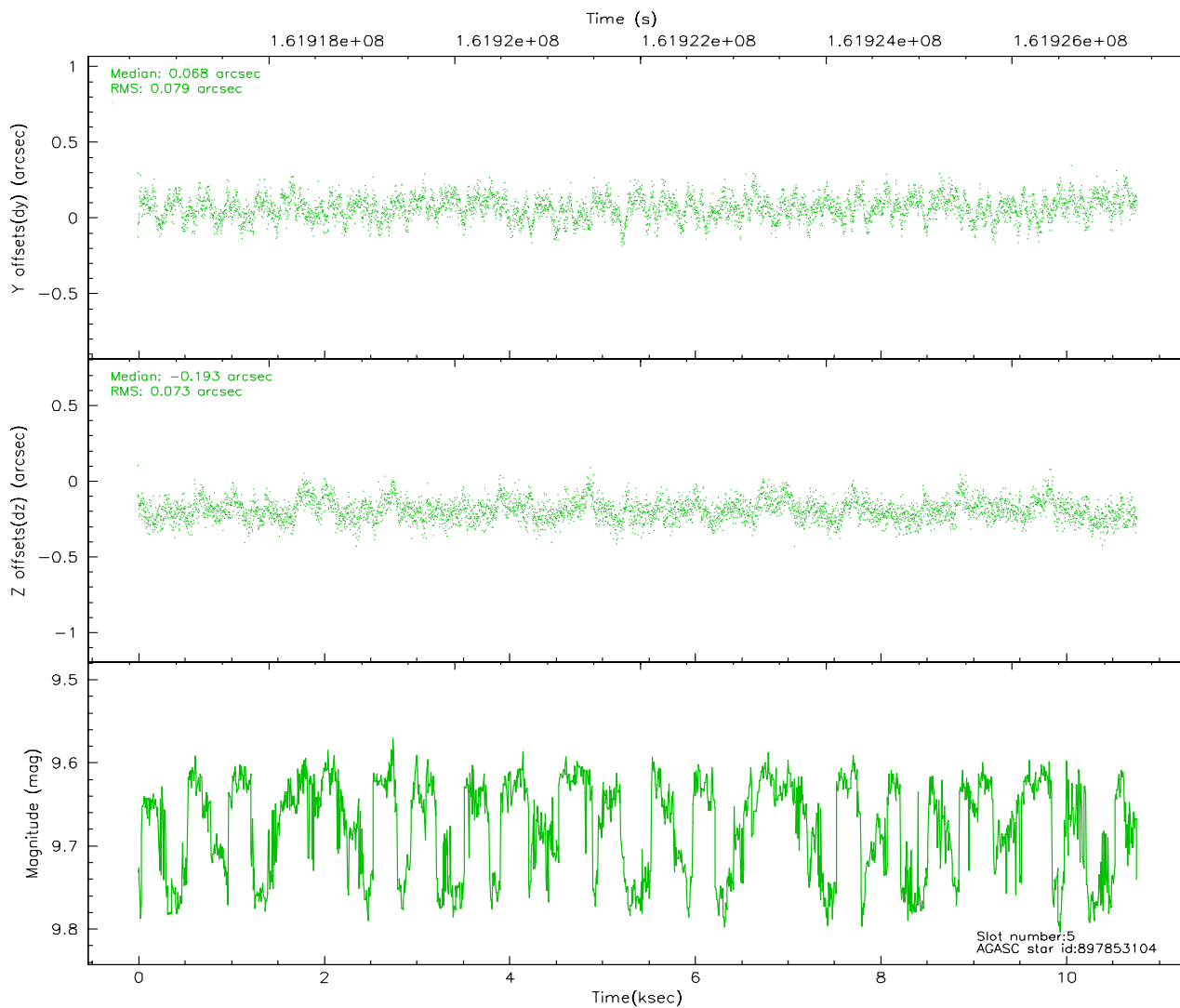
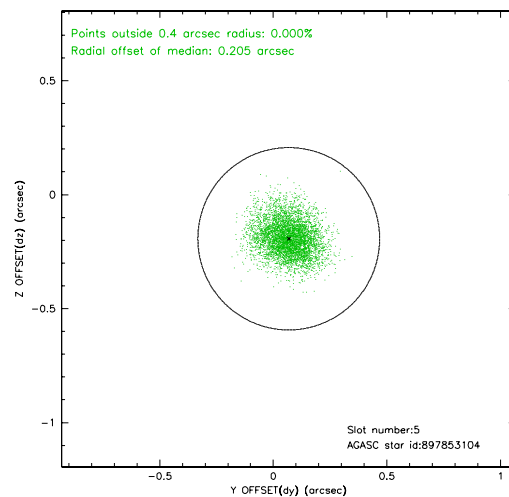
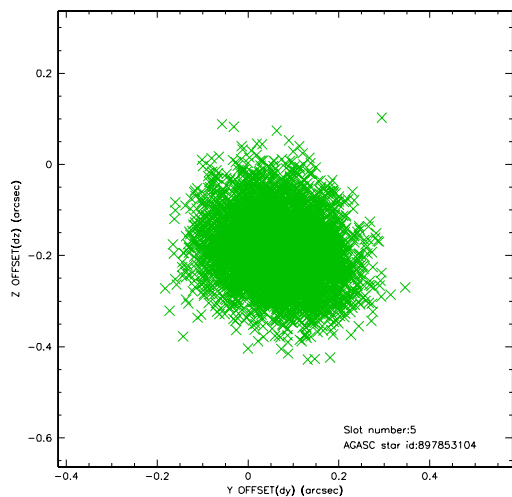
2.4.1 Slot 3



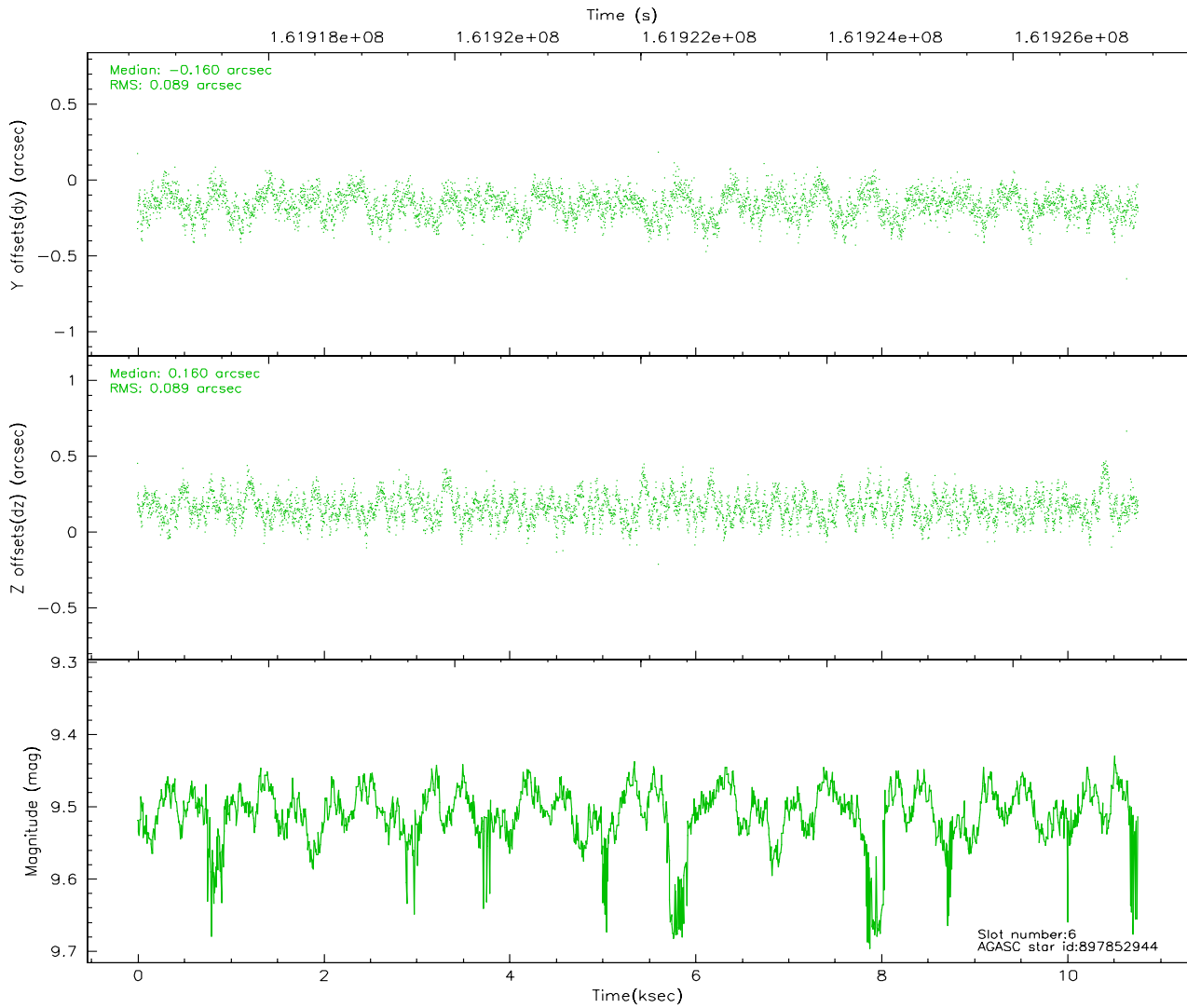
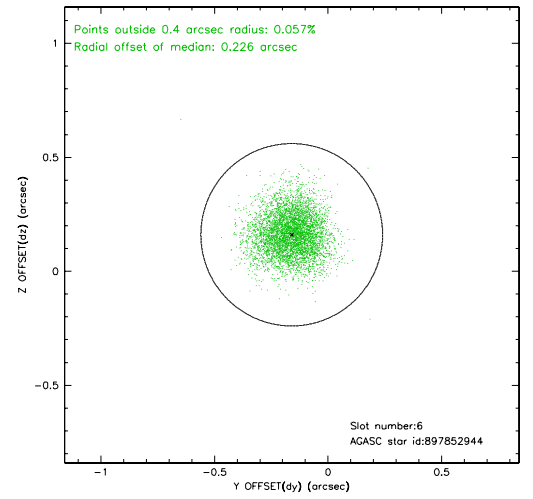
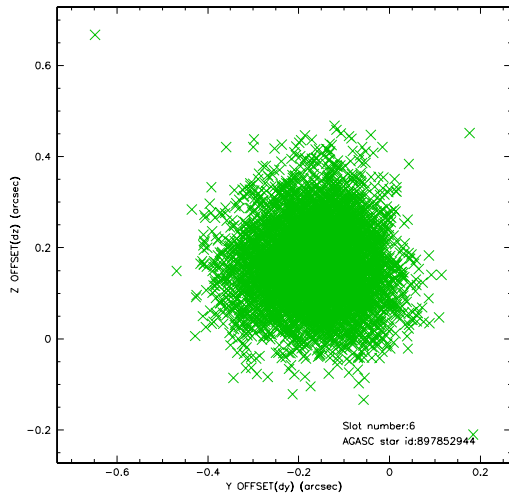
2.4.2 Slot 4



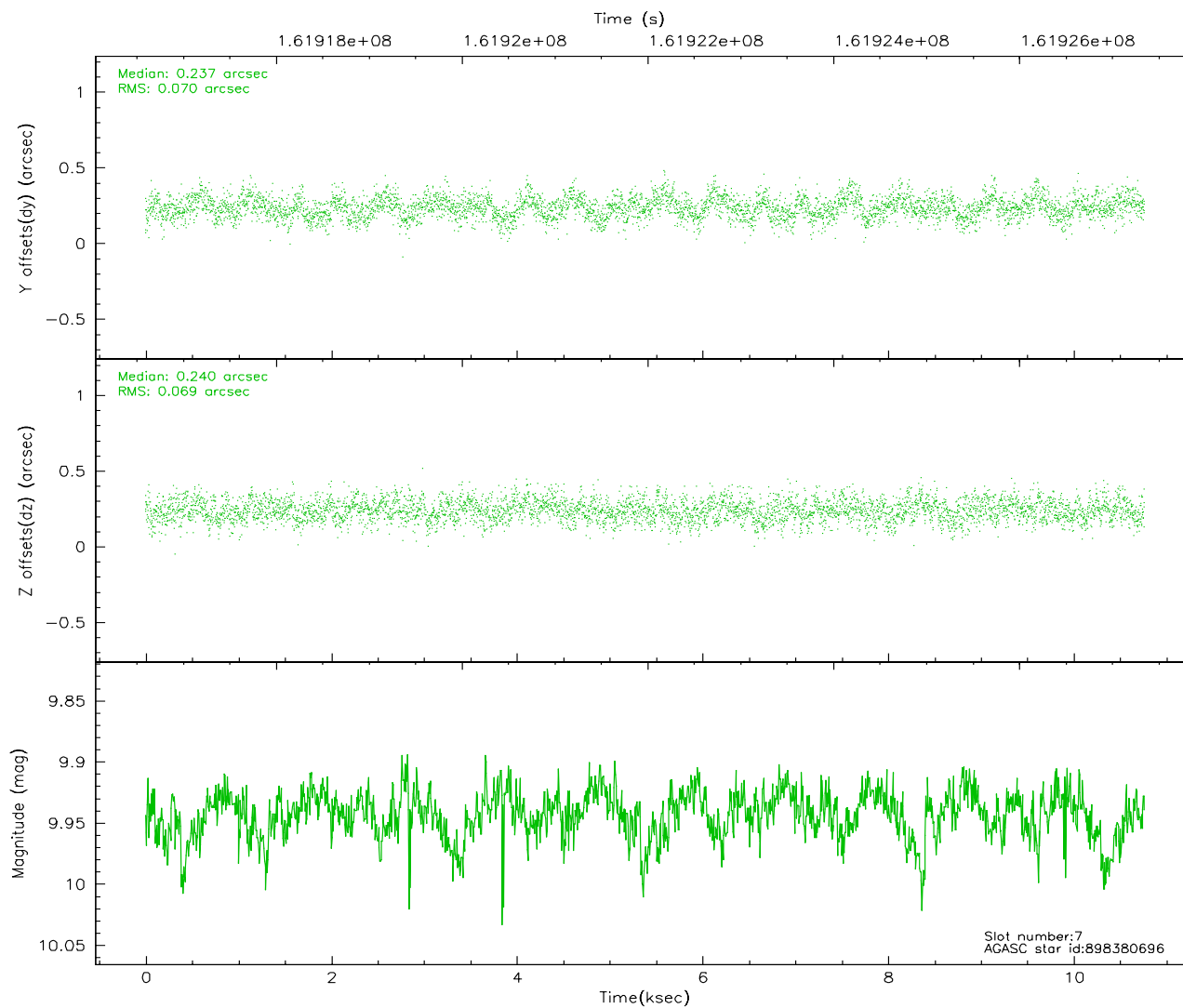
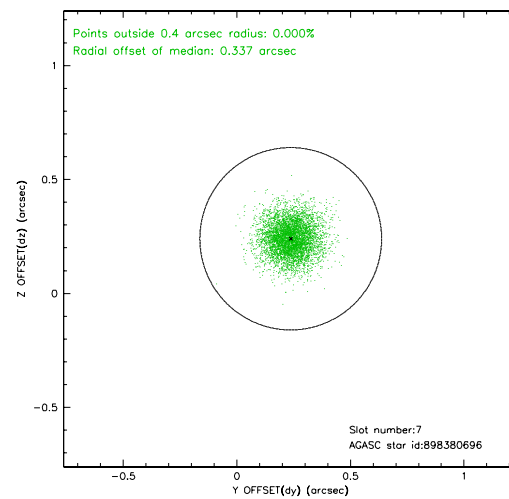
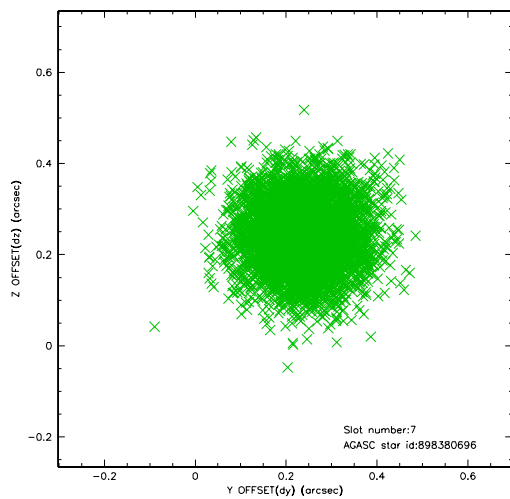
2.4.3 Slot 5



2.4.4 Slot 6

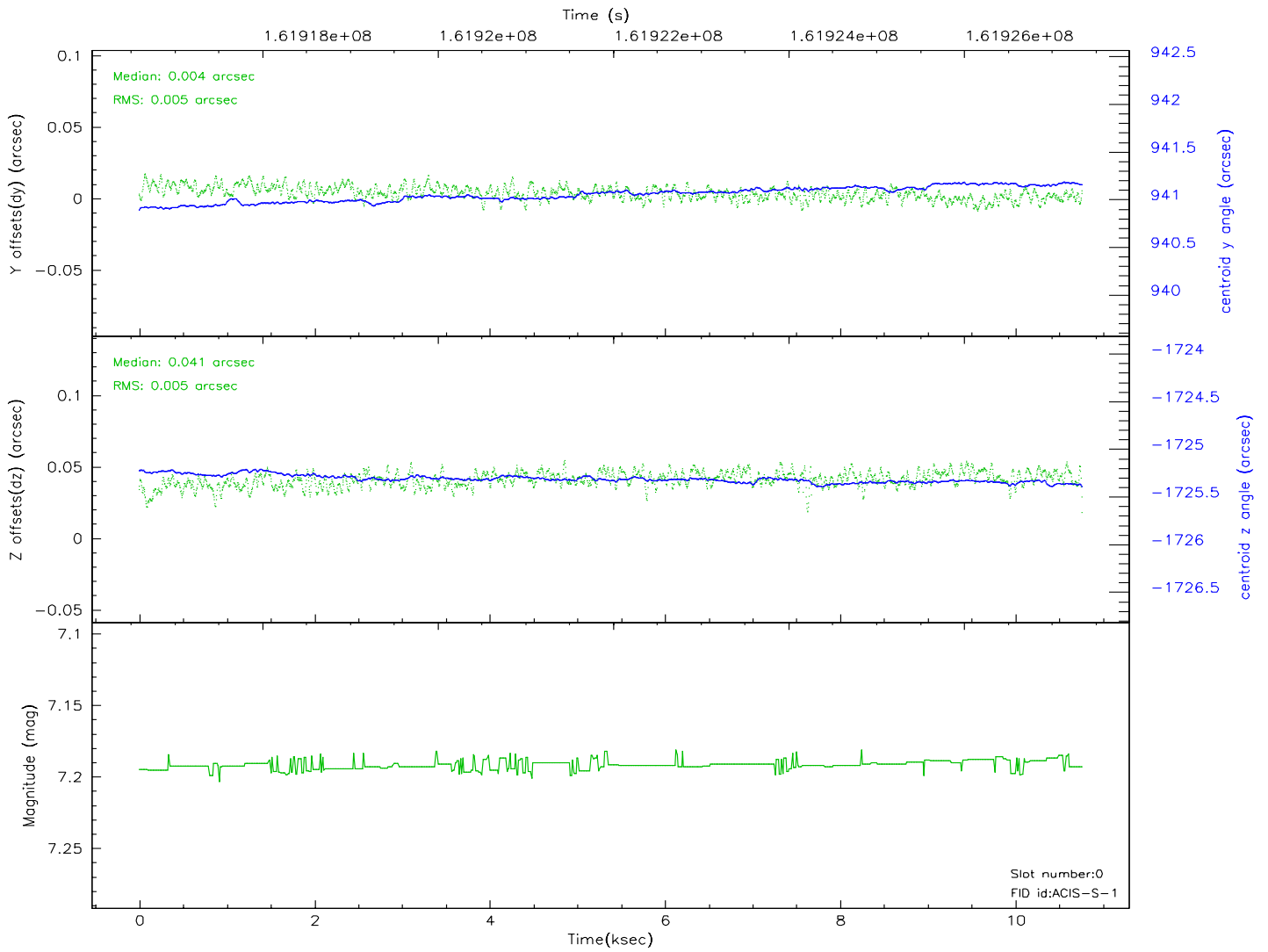
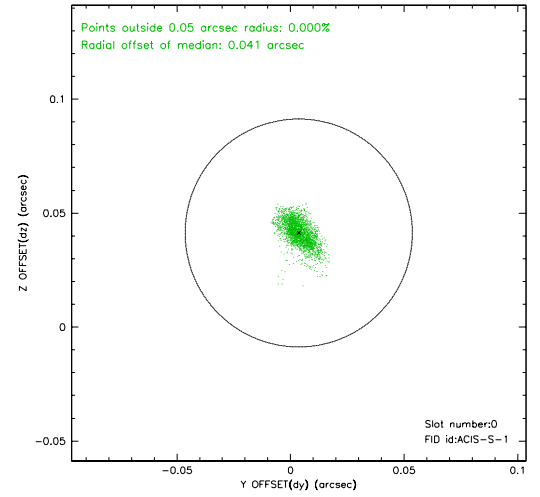
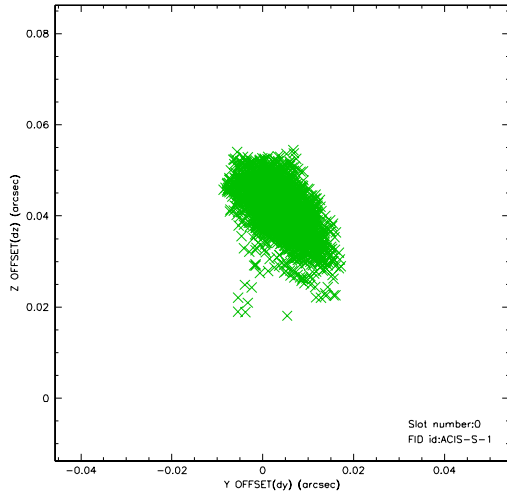


2.4.5 Slot 7

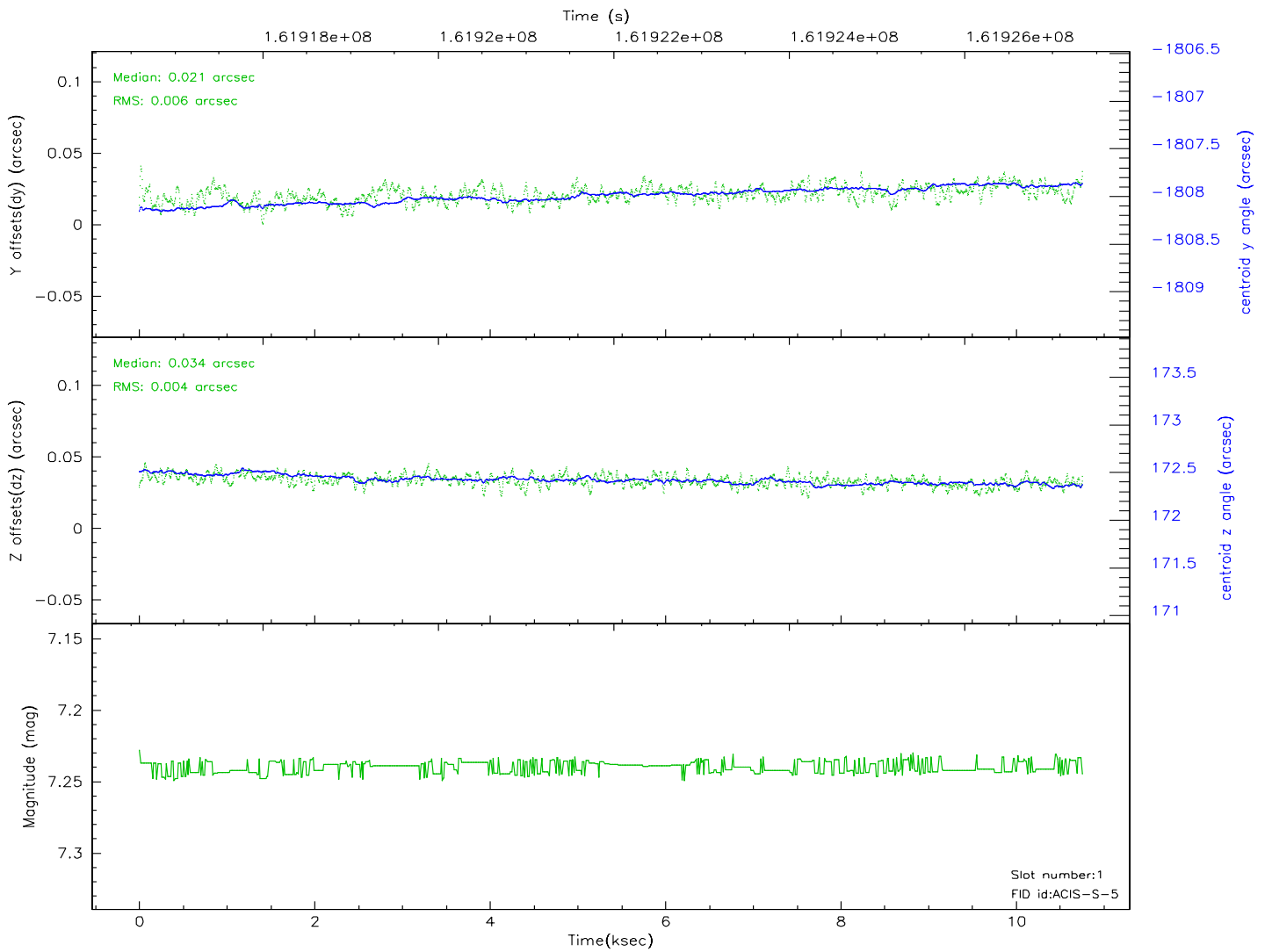
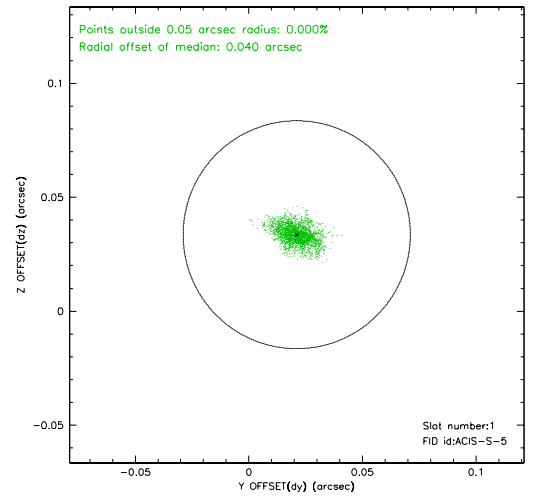
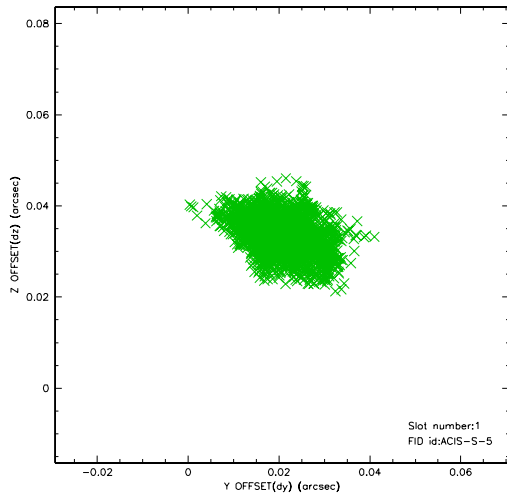


2.5 FID Slots

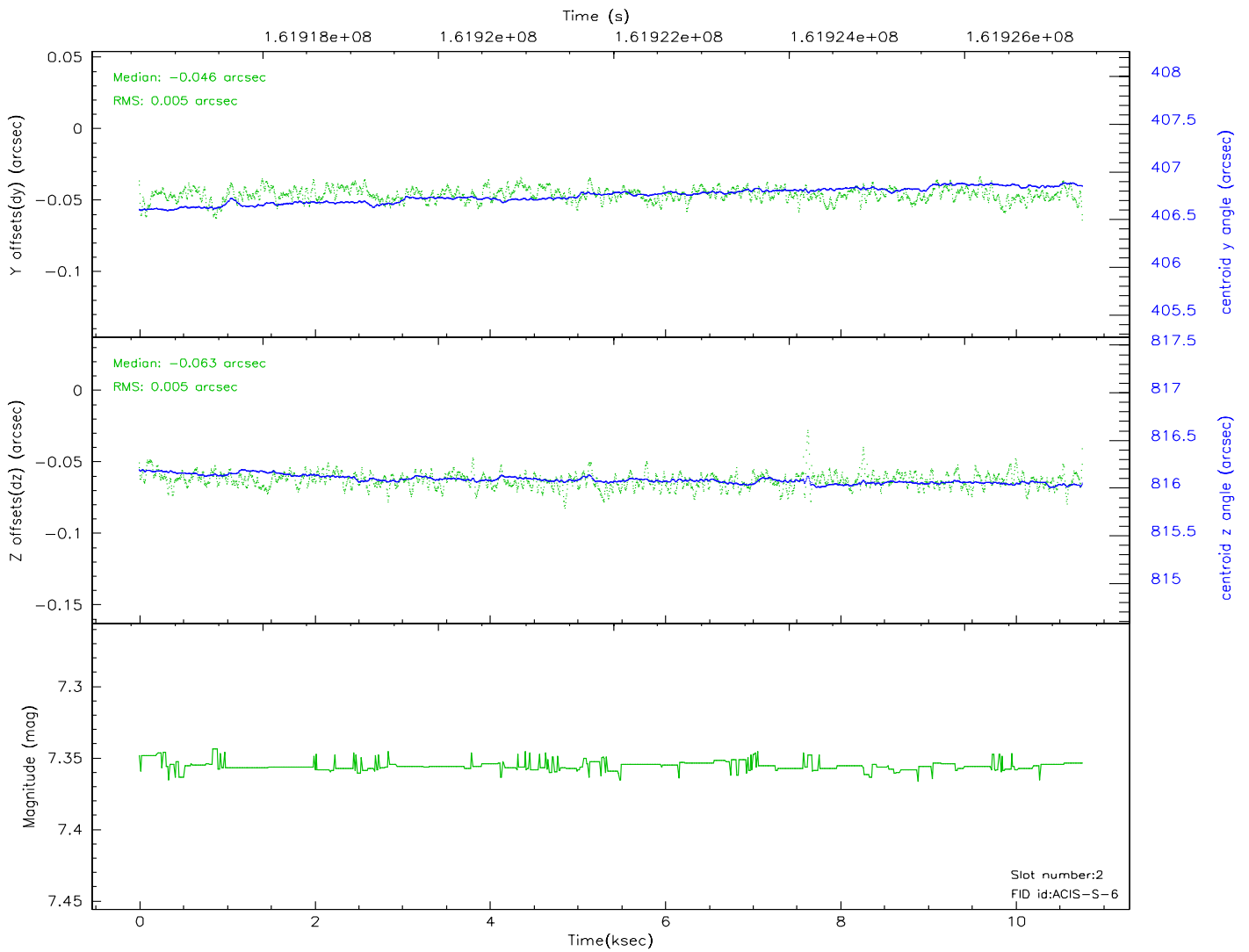
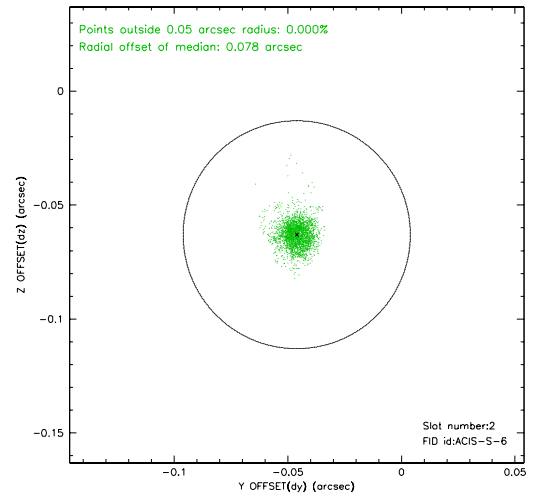
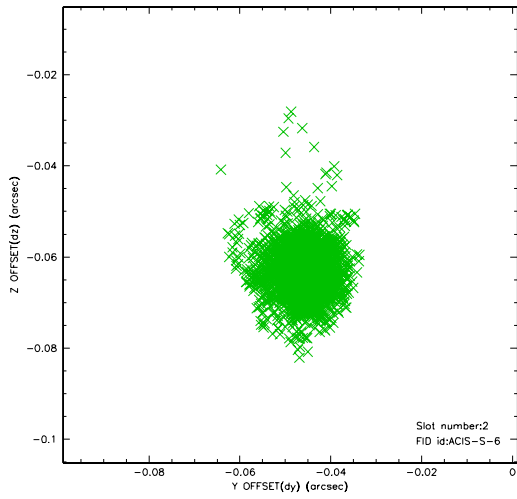
2.5.1 Slot 0



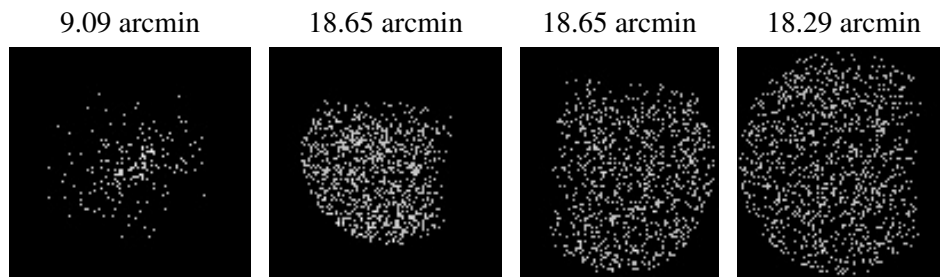
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.958

A.2 Comments