

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6368 - L2 Version 002
Chandra X-Ray Center

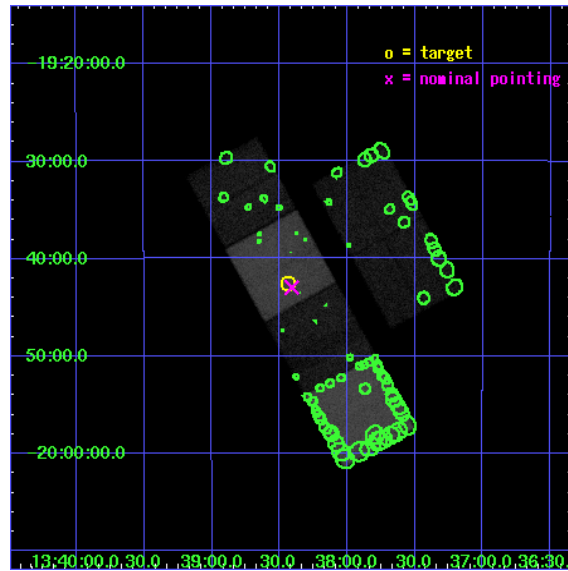
L2 Processing Date : Mar 23 2006

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

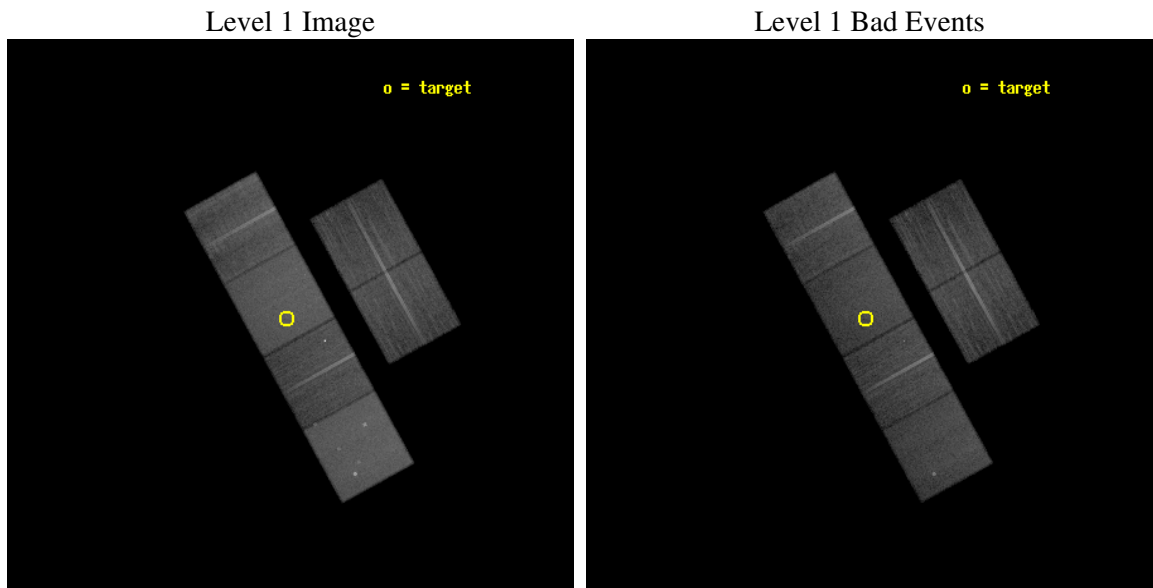
seq_num	701157
obs_id	6368
title	The evolution of AGN: Chandra Imaging of protoclusters associated with high redshift radio galaxies
observer	Dr Laura Pentericci
object	tnj1338-194
dtcycle	0
cycle	P
ra_targ	204.60875
dec_targ	-19.708639
ra_nom	204.60230280106
dec_nom	-19.716117389208
roll_nom	241.15445317105
revision	2
ontime	23542.399912298
livetime	23244.291869077
ontime2	23542.399912298
ontime3	23535.918041557
ontime5	23542.399912298
ontime6	23539.158922106
ontime7	23542.399912298
ontime8	23542.399912298
l2events	334731



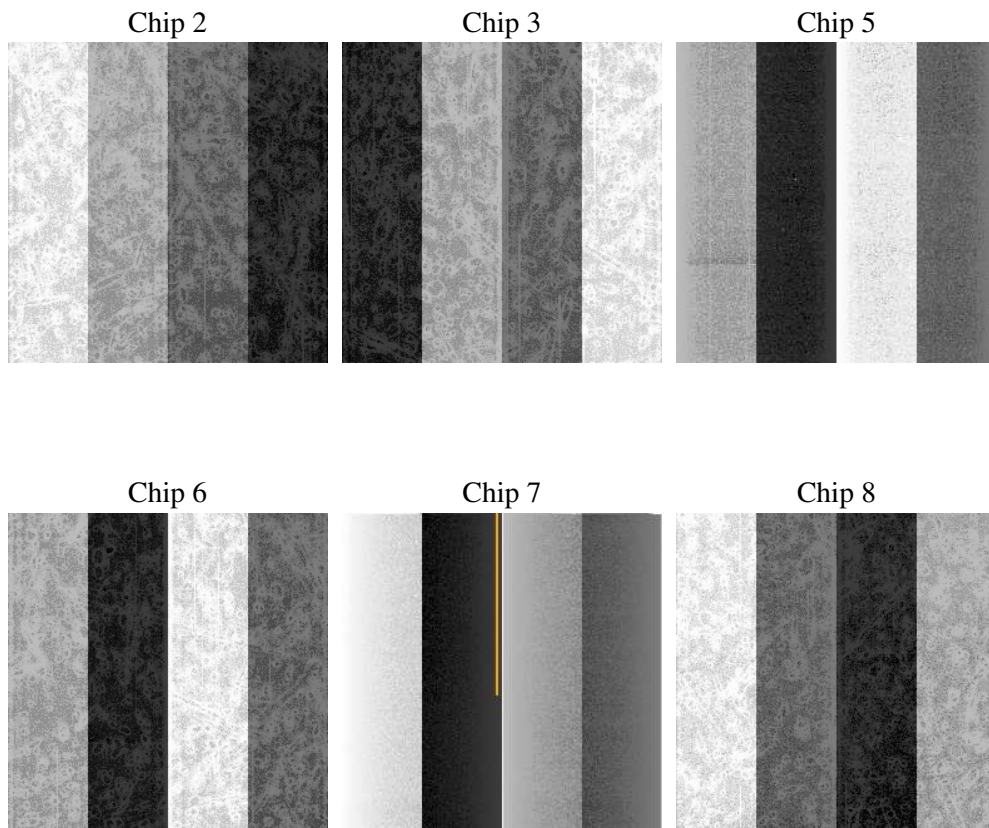
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-23T19:10:47
revision	2

sched_exp_time	23360.538000
ontime	23811.630493999
ontime2	23811.630474091
ontime3	23805.148623258
ontime5	23811.630493999
ontime6	23808.389503807
ontime7	23811.630493999
ontime8	23811.630474091
l1events	1327537

2.1.4 Events

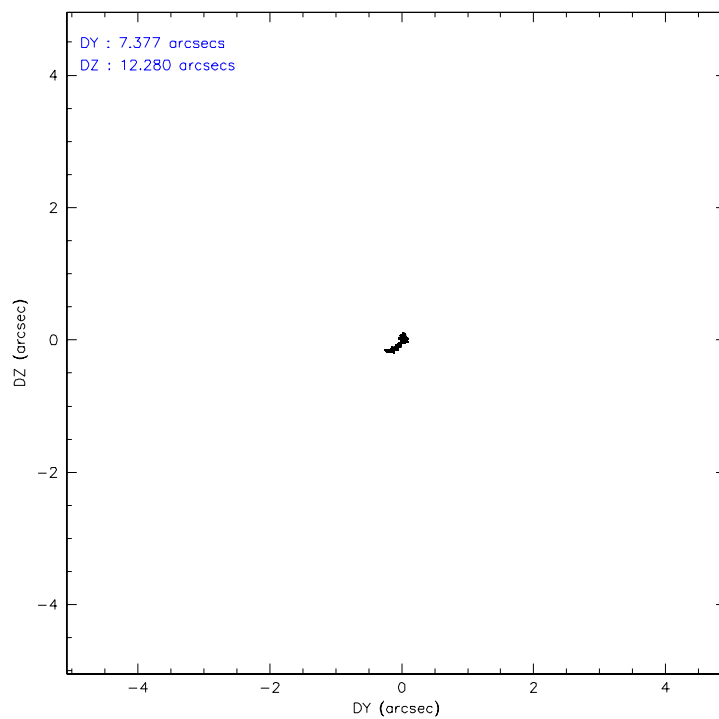
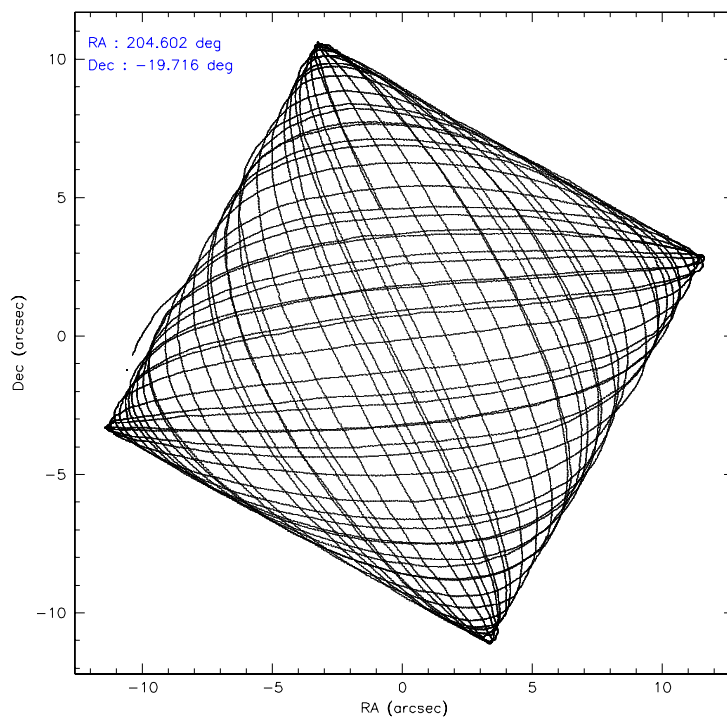
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	185659	174387	285646	193696	261008	227141
rejected events	160121	149551	152319	160337	152004	173164
rejected %	86%	85%	53%	82%	58%	76%

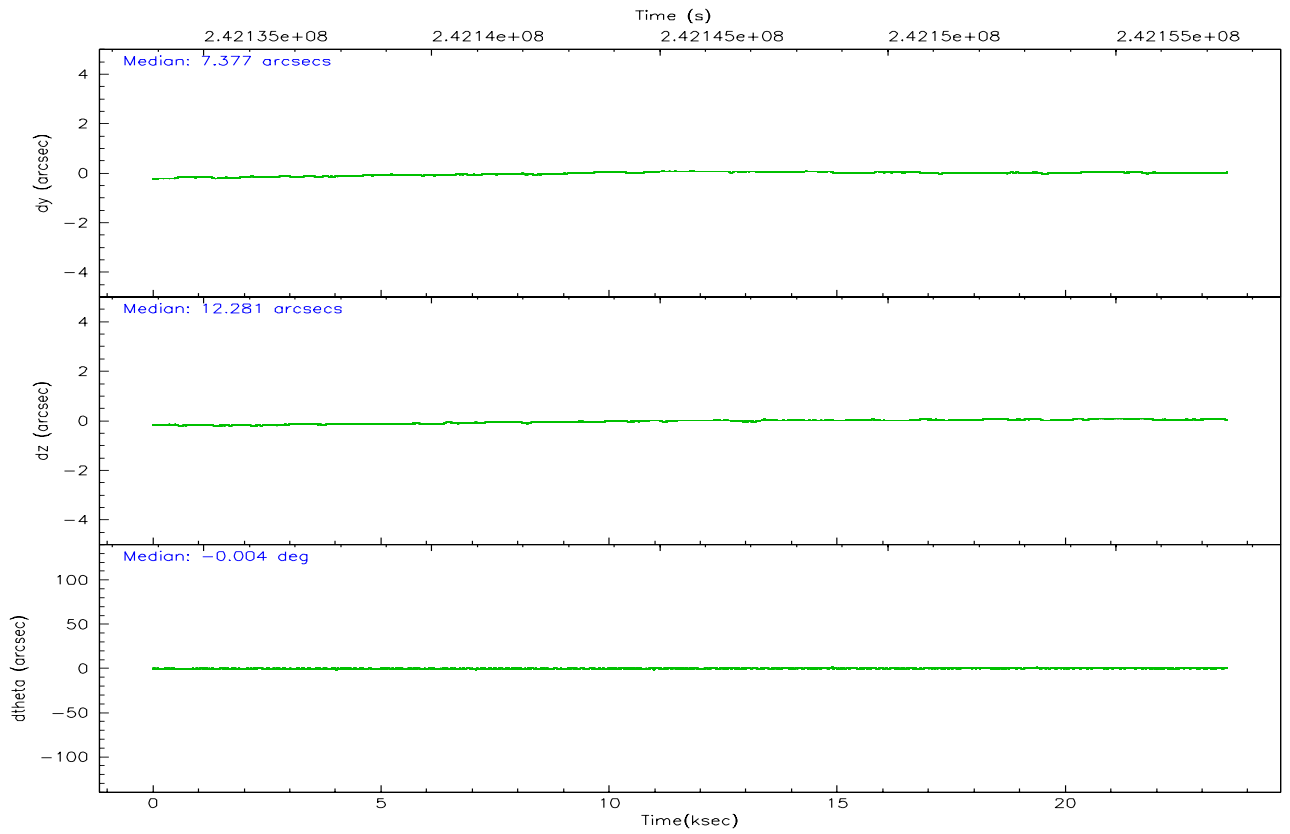
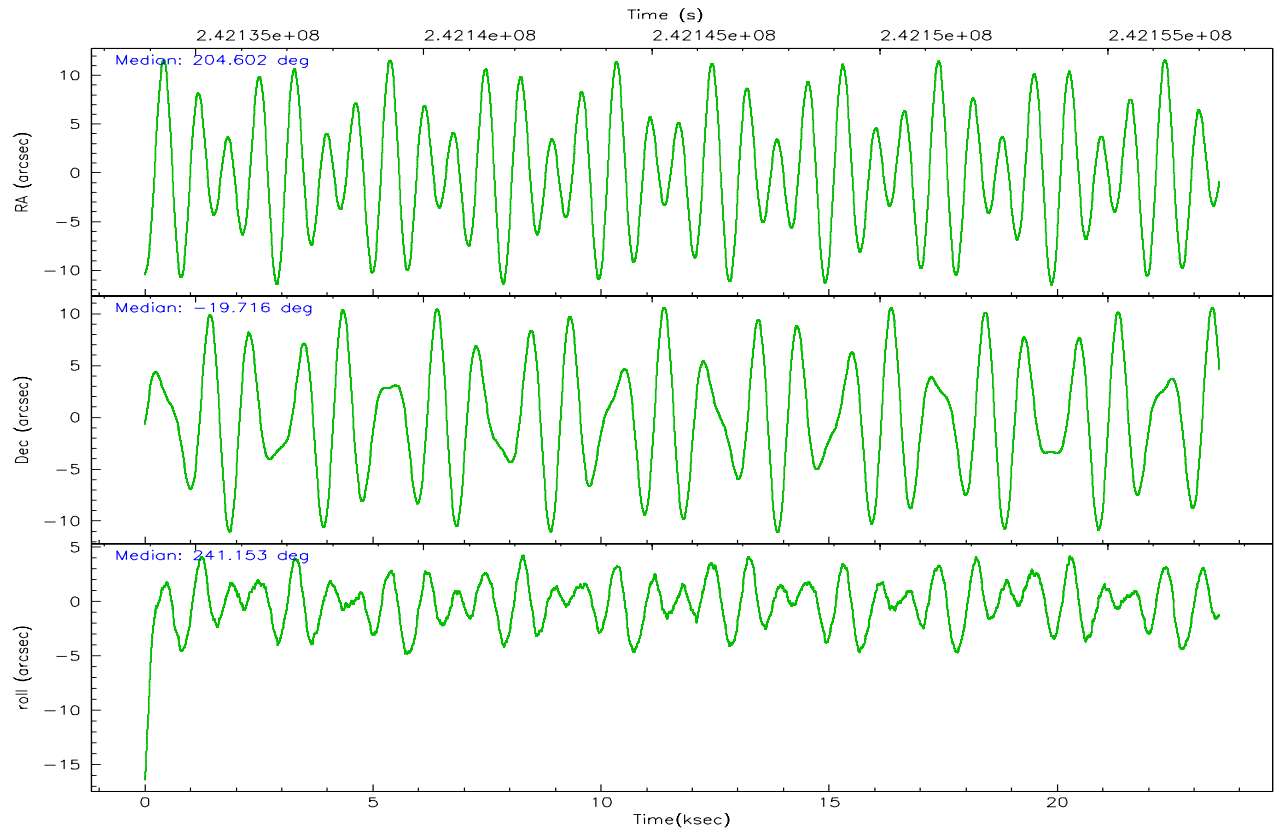
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	12662	12292	9973	18099	7009	19687
	6%	7%	3%	9%	2%	8%
grade 1 events	150	112	254	269	148	158
	0%	0%	0%	0%	0%	0%
grade 2 events	5080	4804	43389	6152	26816	11493
	2%	2%	15%	3%	10%	5%
grade 3 events	2123	2138	3583	2318	5206	5383
	1%	1%	1%	1%	1%	2%
grade 4 events	2079	2108	3117	2347	5274	5008
	1%	1%	1%	1%	2%	2%
grade 5 events	6947	7784	13483	8248	15304	10799
	3%	4%	4%	4%	5%	4%
grade 6 events	3876	3763	74936	4731	66014	13120
	2%	2%	26%	2%	25%	5%
grade 7 events	152742	141386	136911	151532	135237	161493
	82%	81%	47%	78%	51%	71%

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	204.601322	204.6023028010586	Alternating exposures requested	N	N
Pointing Dec	-19.688941	-19.71611738920817	Primary exposure time	0.000000	3.2
Pointing Roll	240.997497	241.1544531710497			
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	242134078.184000	242132872.60214			
Observation start date	2005-09-03T11:26:54	2005-09-03T11:07:52			
Observation end time	242157439.184000	242157663.76577			
Observation end date	2005-09-03T17:56:15	2005-09-03T18:01:03			
Read mode	TIMED	TIMED			

2.3 Aspect



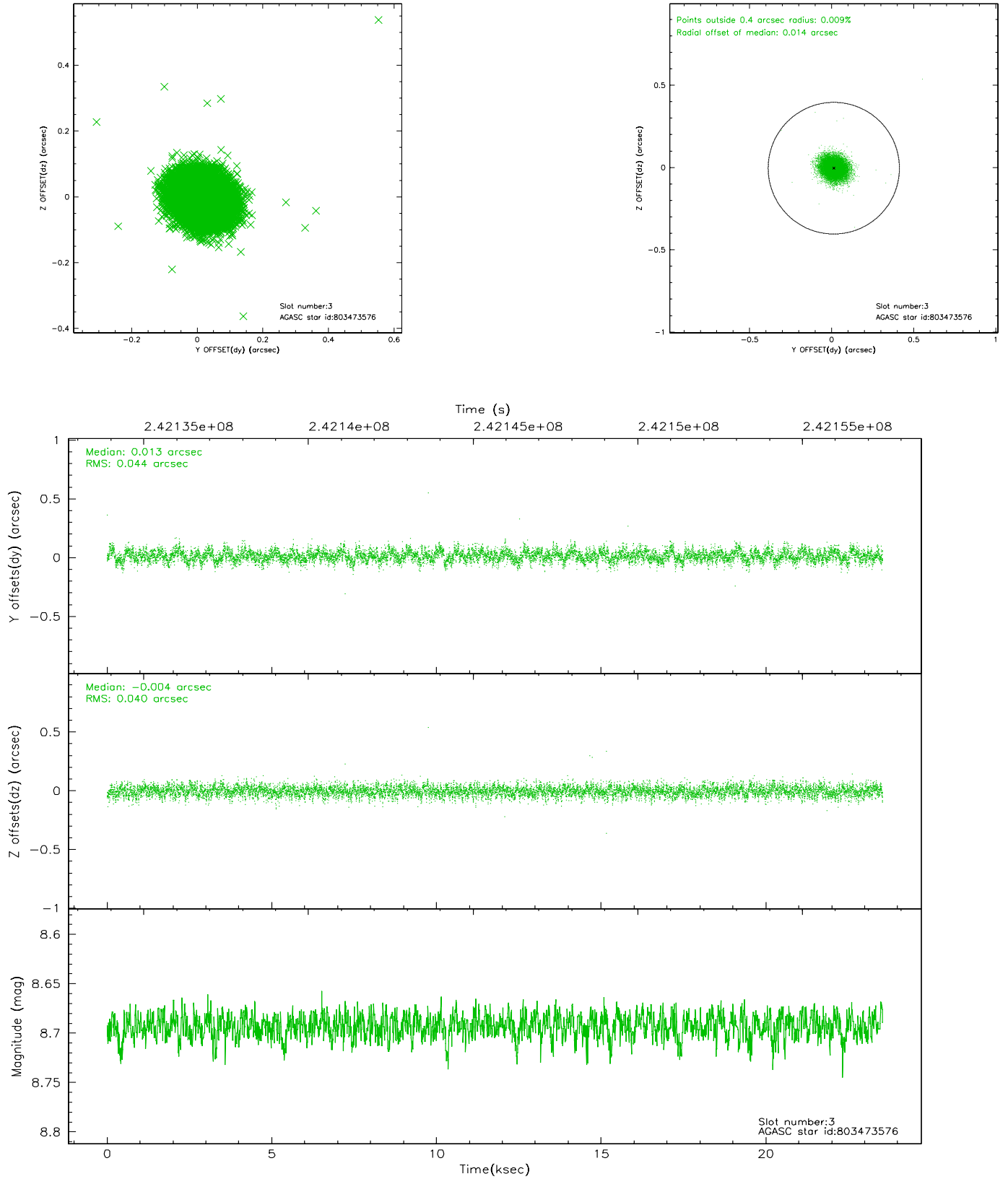


Slot Statistics

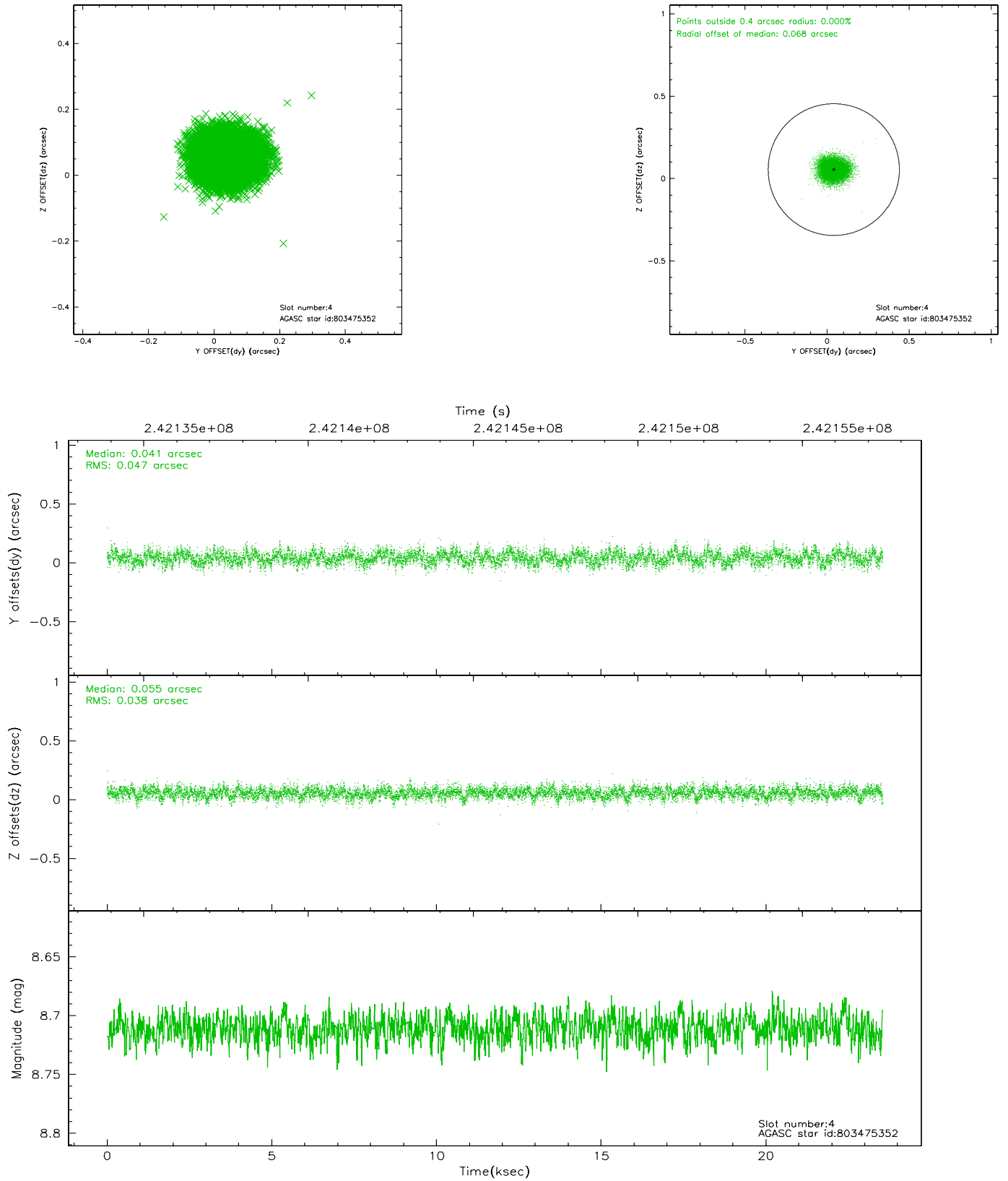
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5744	-0.003	-0.006	0.007	0.011	0.000000	0.000000	-760.12	-1733.51
1	FID	ACIS-S-4	7.20	5742	0.029	0.003	0.005	0.009	0.000000	0.000000	2153.13	174.84
2	FID	ACIS-S-5	7.23	5743	-0.058	0.012	0.008	0.013	0.000000	0.000000	-1812.84	168.68
3	GUIDE	803473576	8.69	11485	0.013	-0.004	0.062	0.101	204.786653	-19.629287	-491.74	445.67
4	GUIDE	803475352	8.71	11483	0.041	0.055	0.064	0.103	204.581068	-20.424462	2349.28	1224.45
5	GUIDE	803478152	9.27	11482	0.059	-0.028	0.098	0.153	204.365662	-19.814132	782.24	-479.00
6	GUIDE	803479488	8.80	11479	-0.128	-0.050	0.078	0.124	204.540045	-19.188743	-1473.46	-1055.33
7	GUIDE	803476576	8.70	11481	0.014	0.028	0.063	0.101	204.800868	-19.708520	-265.66	625.74

2.4 Star Slots

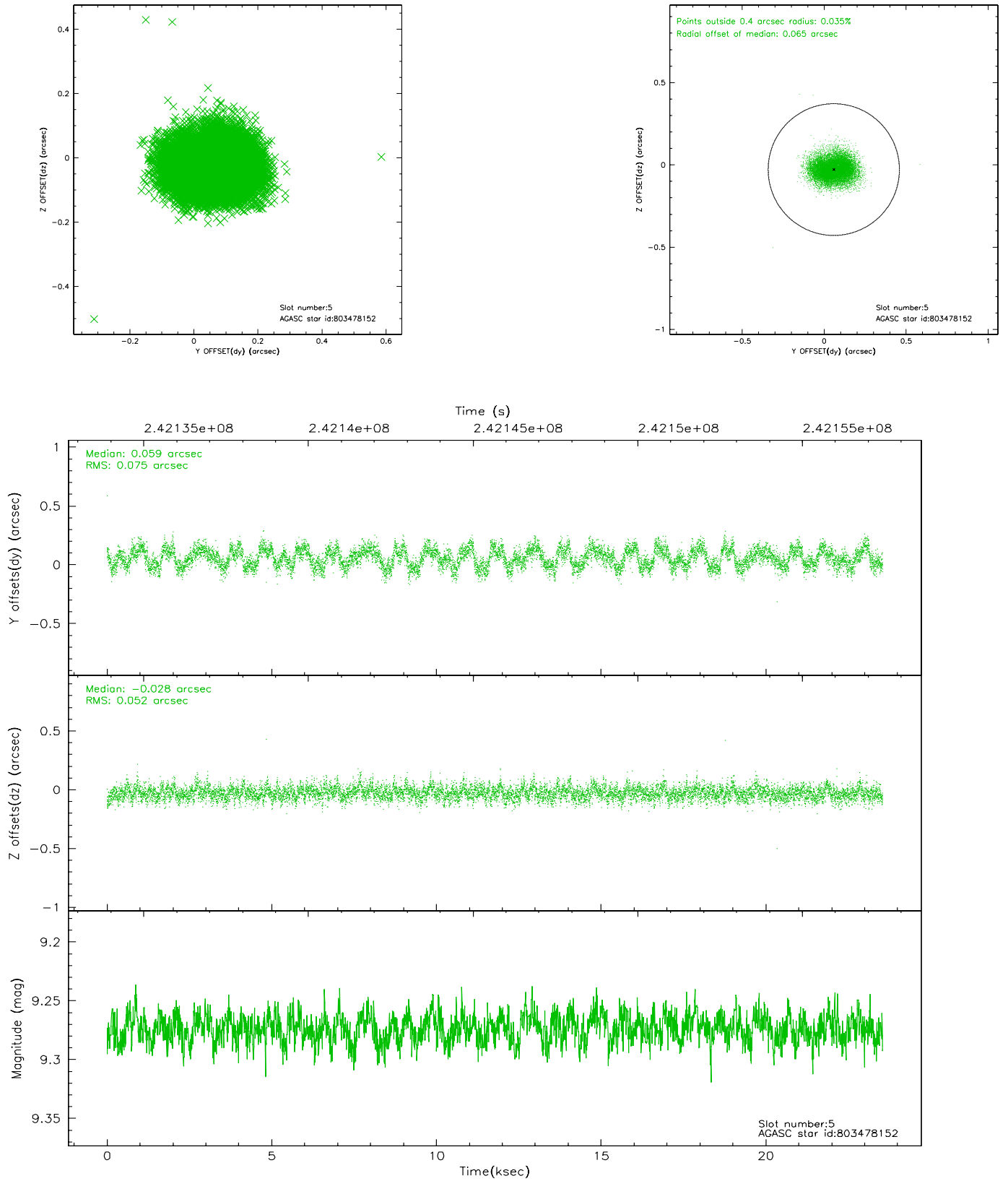
2.4.1 Slot 3



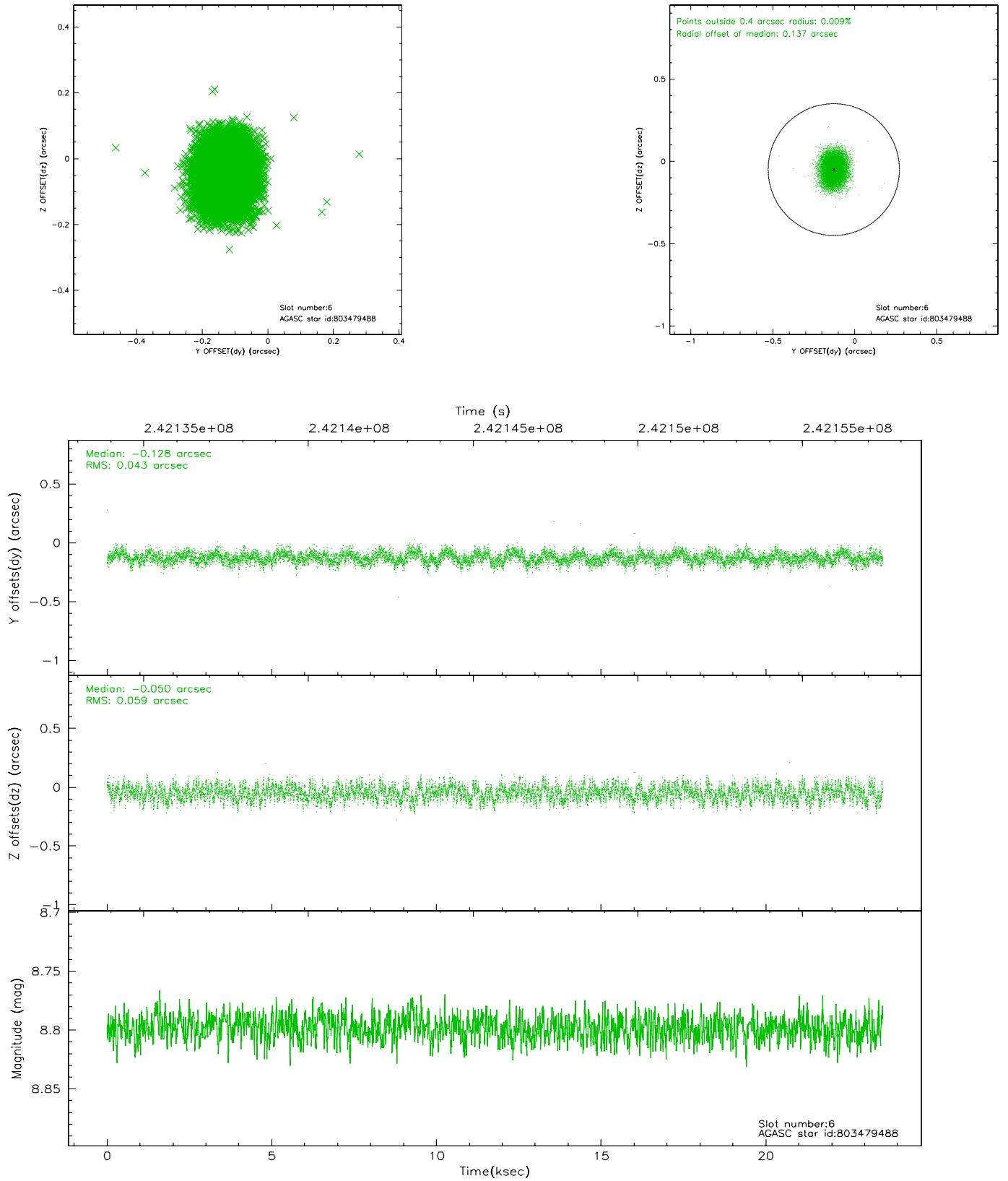
2.4.2 Slot 4



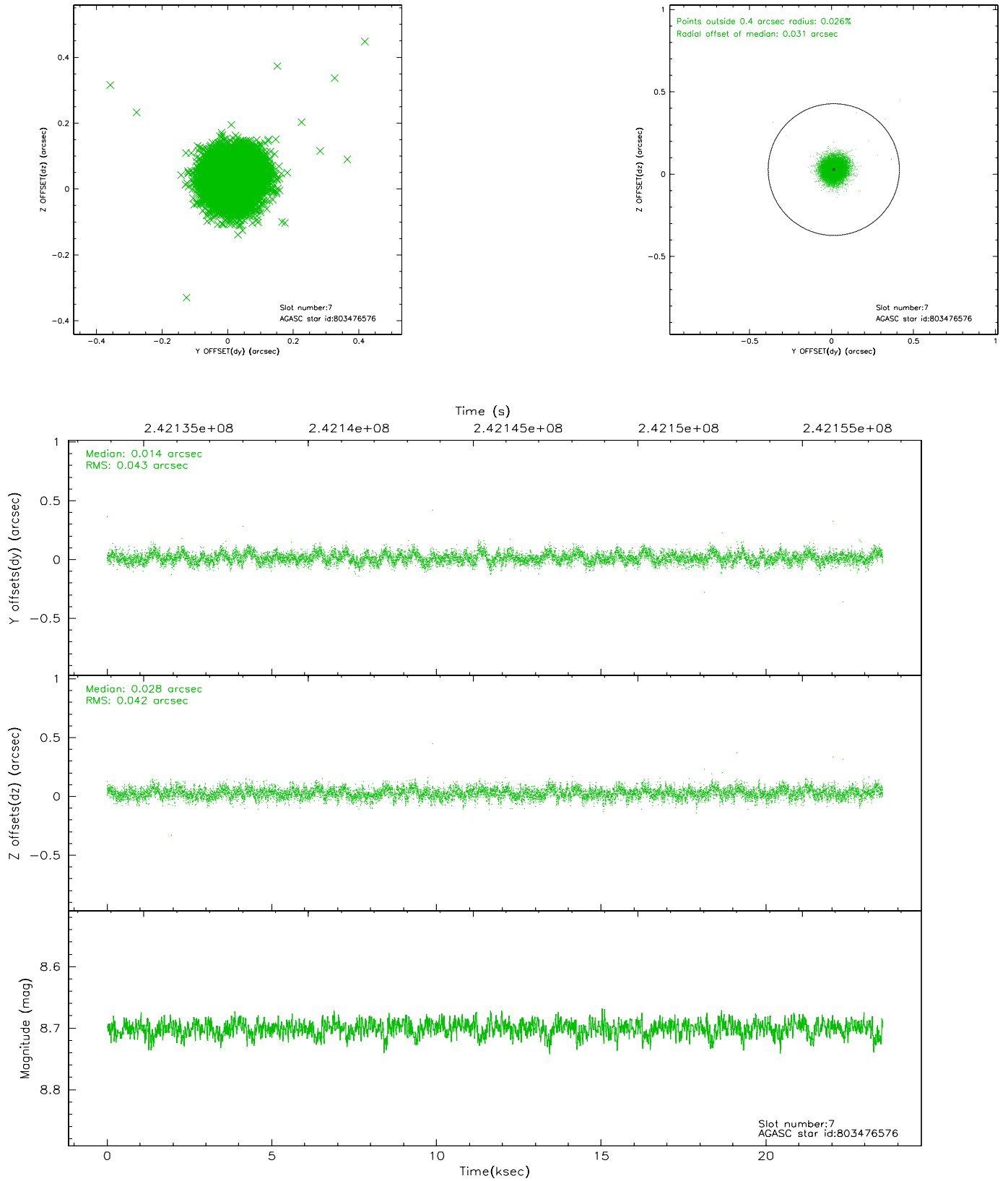
2.4.3 Slot 5



2.4.4 Slot 6

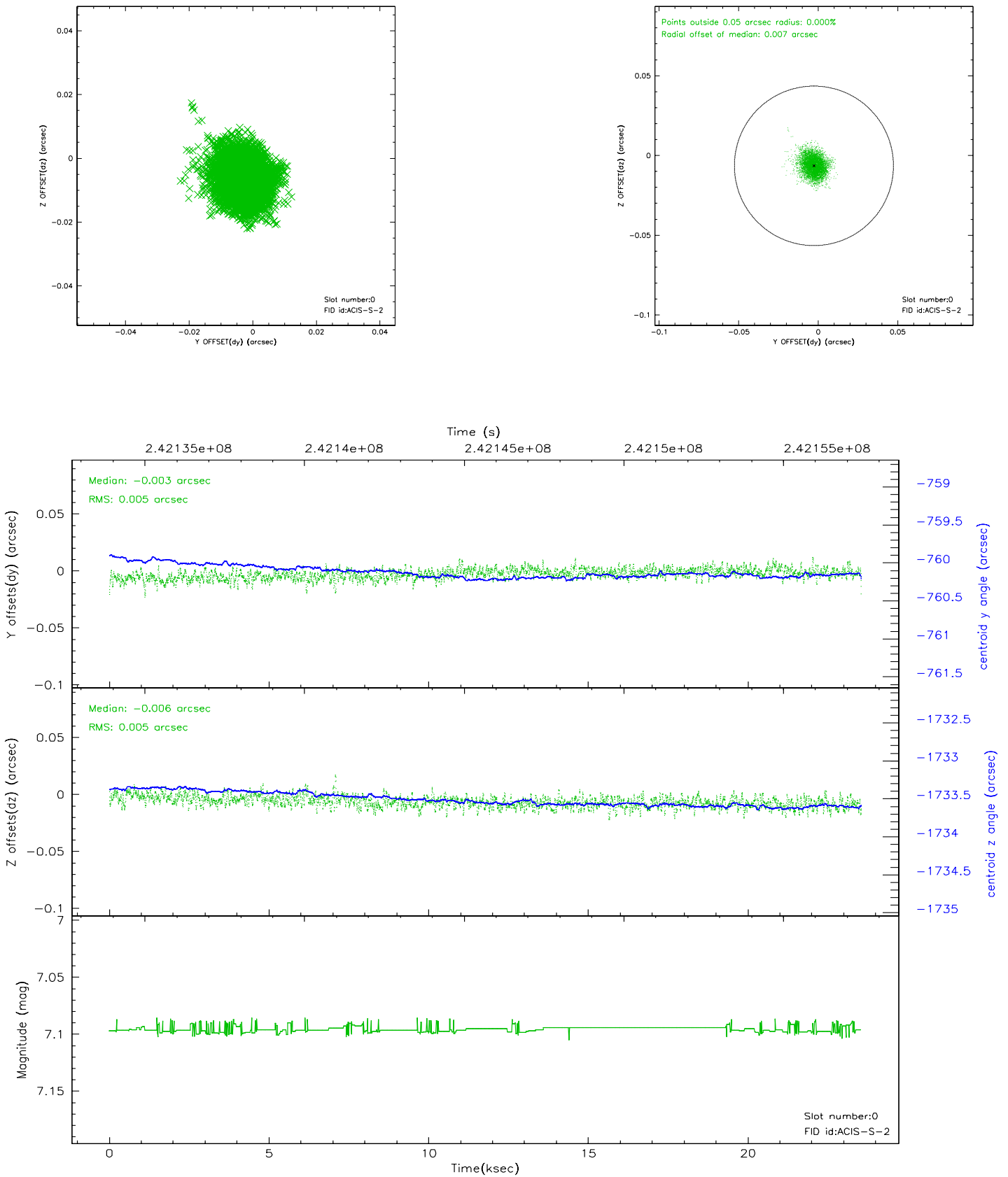


2.4.5 Slot 7

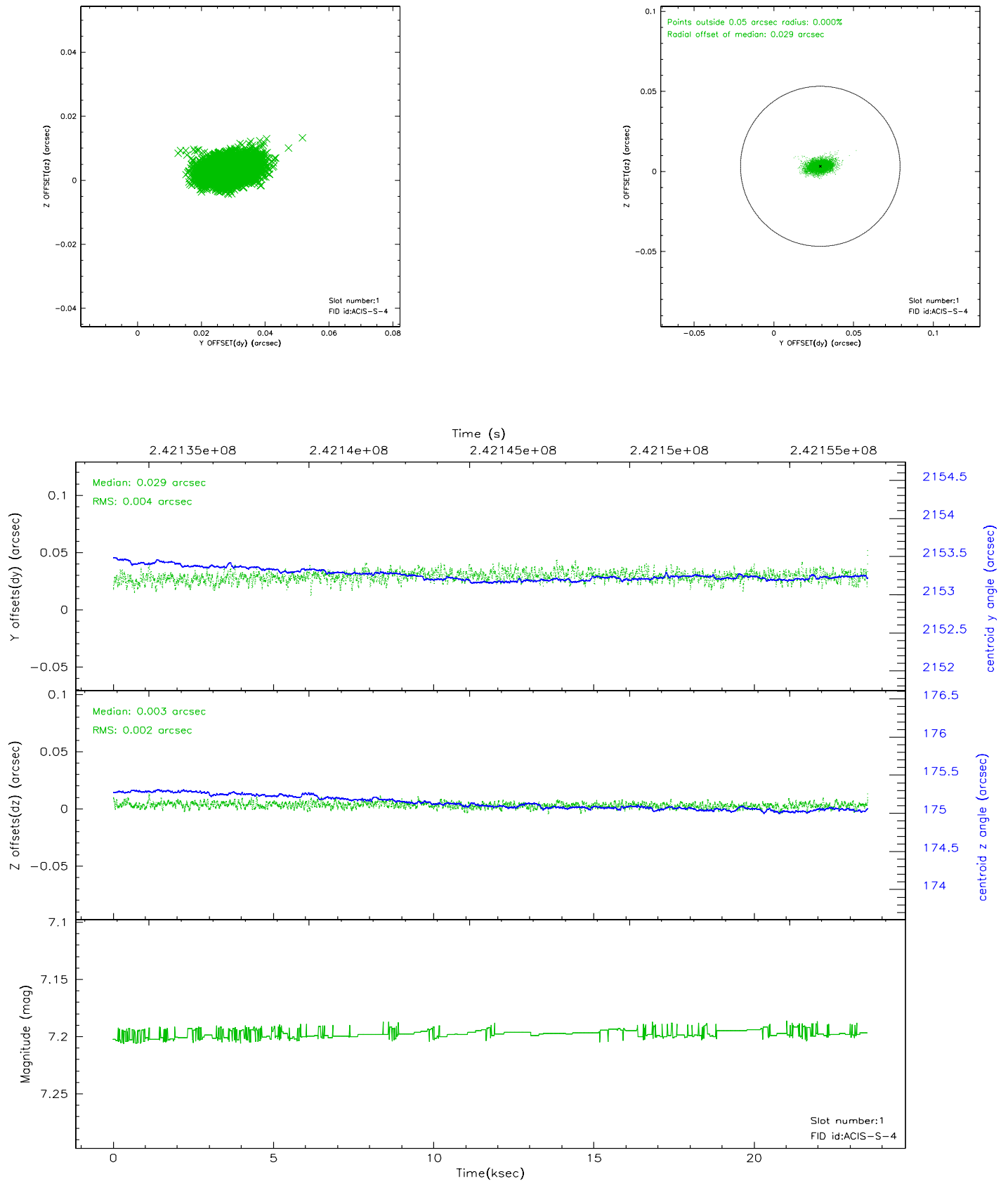


2.5 FID Slots

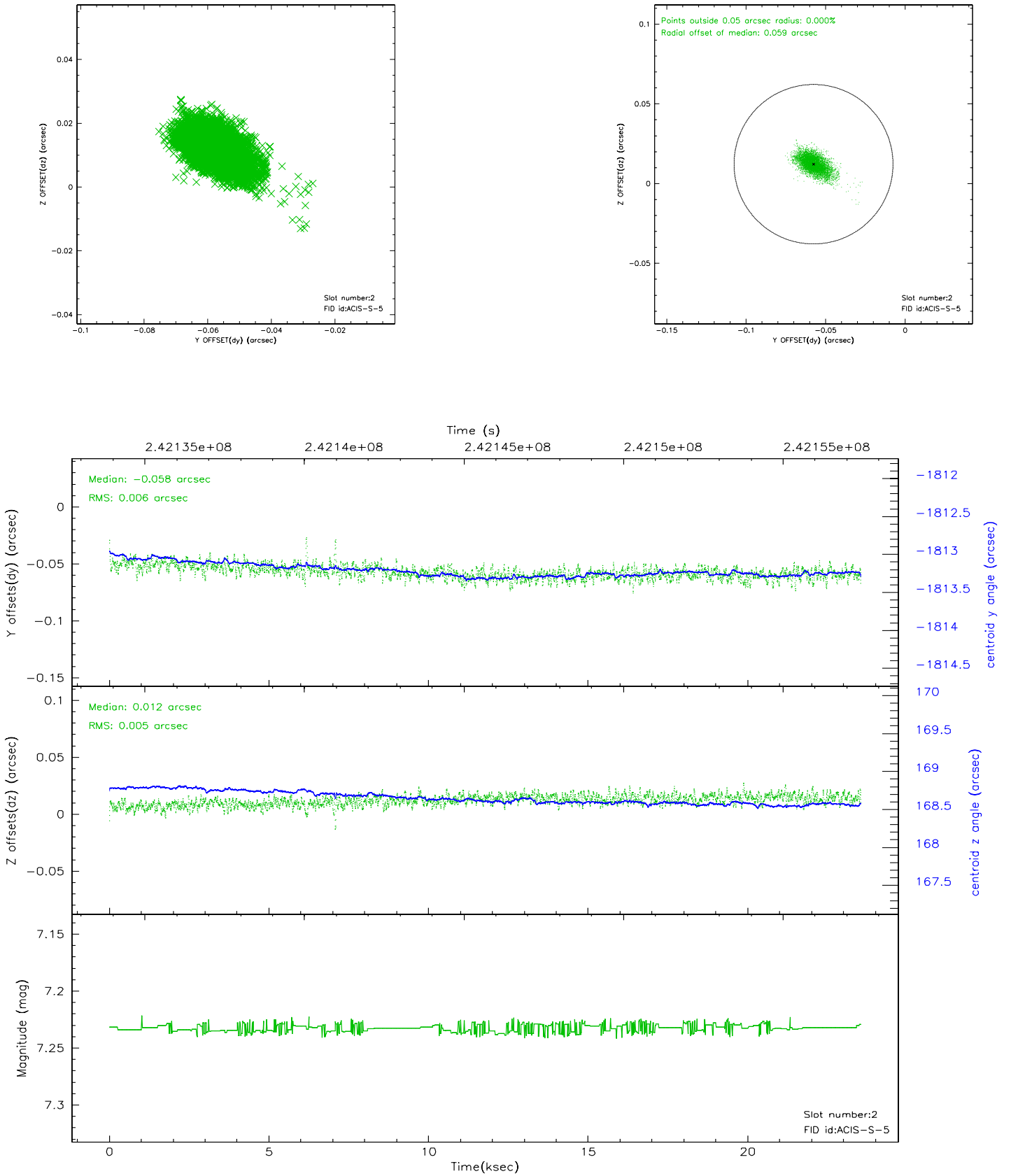
2.5.1 Slot 0



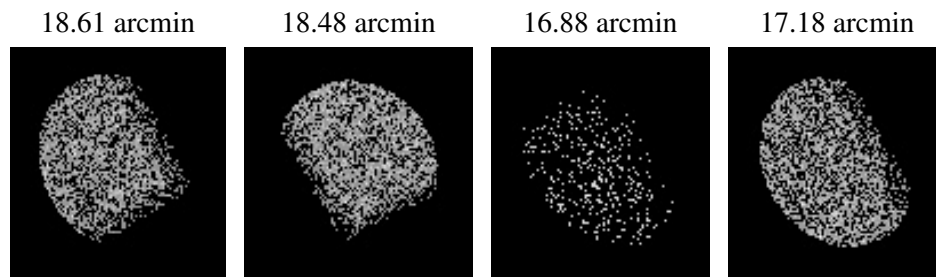
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.54239

A.2 Comments