

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4378 - L2 Version 001
Chandra X-Ray Center

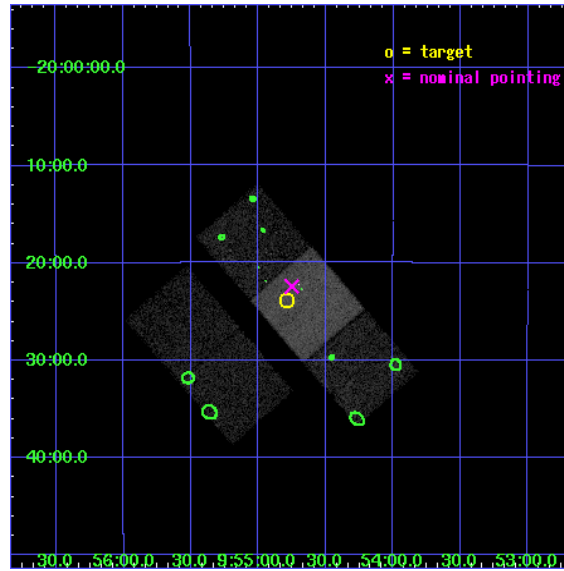
L2 Processing Date : Oct 18 2006

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

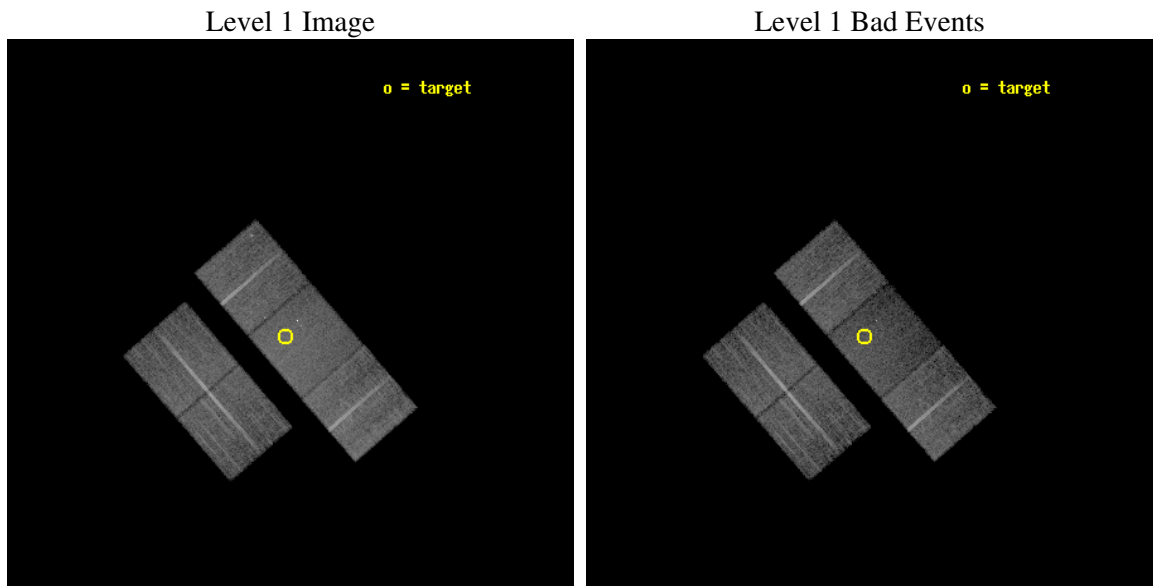
seq_num	800374
obs_id	4378
title	MASS CONTENT & DYNAMICAL STATE OF 3 OPTICALLY SELECTED HIGH Z ($Z>0.8$) CLUSTERS
observer	DR MONIQUE ARNAUD
object	EIS0954-2023/22
dtcycle	0
cycle	P
ra_targ	148.697917
dec_targ	-20.398667
ra_nom	148.68776213679
dec_nom	-20.373995156543
roll_nom	49.120259597396
revision	2
ontime	15143.499970883
livetime	14945.638995281
ontime2	15140.359000683
ontime3	15137.218010455
ontime6	15143.499970883
ontime7	15143.499970883
ontime8	15143.499970883
l2events	66071



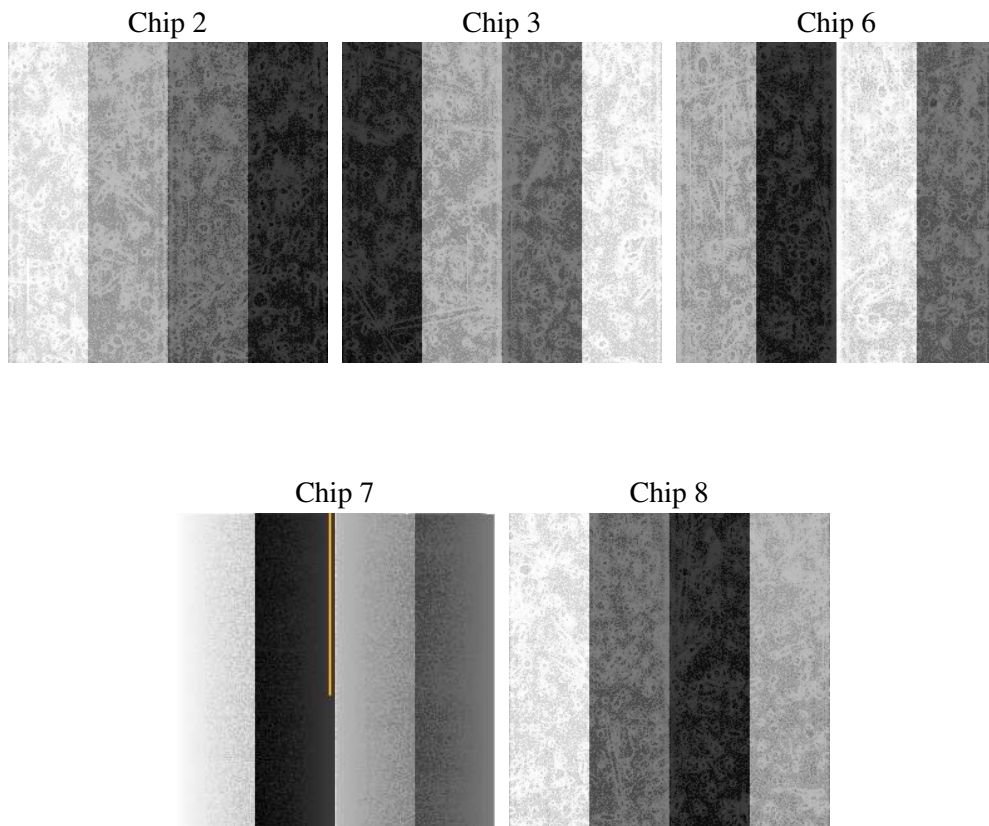
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-18T16:36:52
revision	2

sched_exp_time	15000.000000
ontime	15243.289137244
ontime2	15233.866186738
ontime3	15227.584206343
ontime6	15243.289137244
ontime7	15243.289137244
ontime8	15240.148167014
l1events	442453

2.1.4 Events

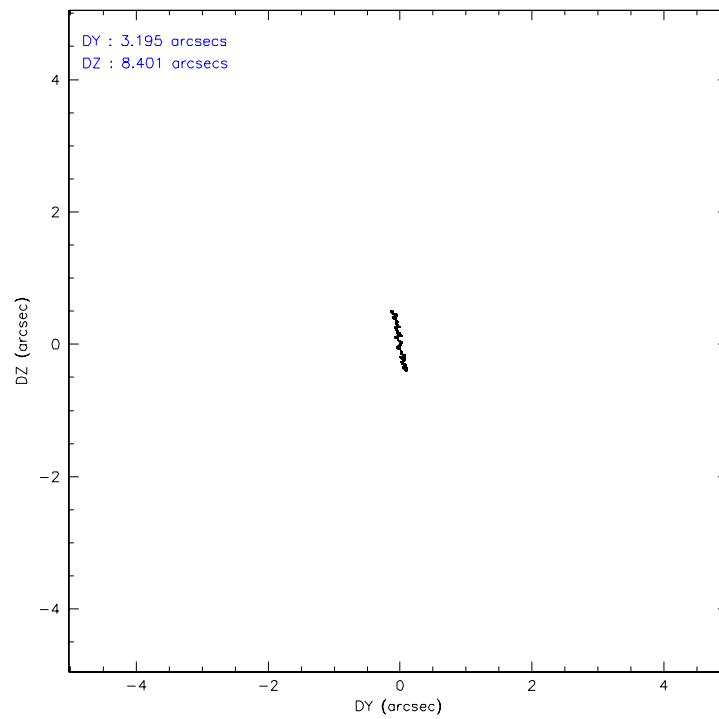
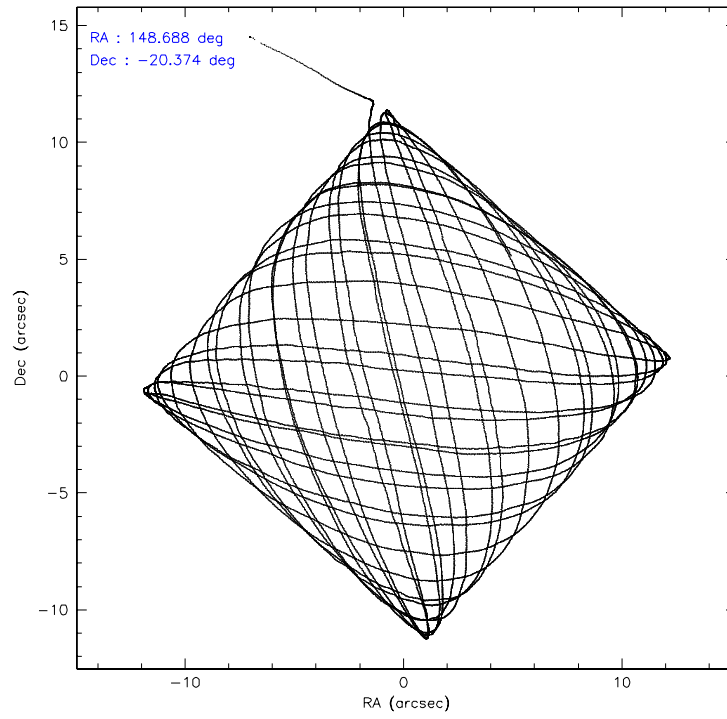
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	83533	82260	84804	89627	102229
rejected events	75851	74863	75786	51414	79183
rejected %	90%	91%	89%	57%	77%

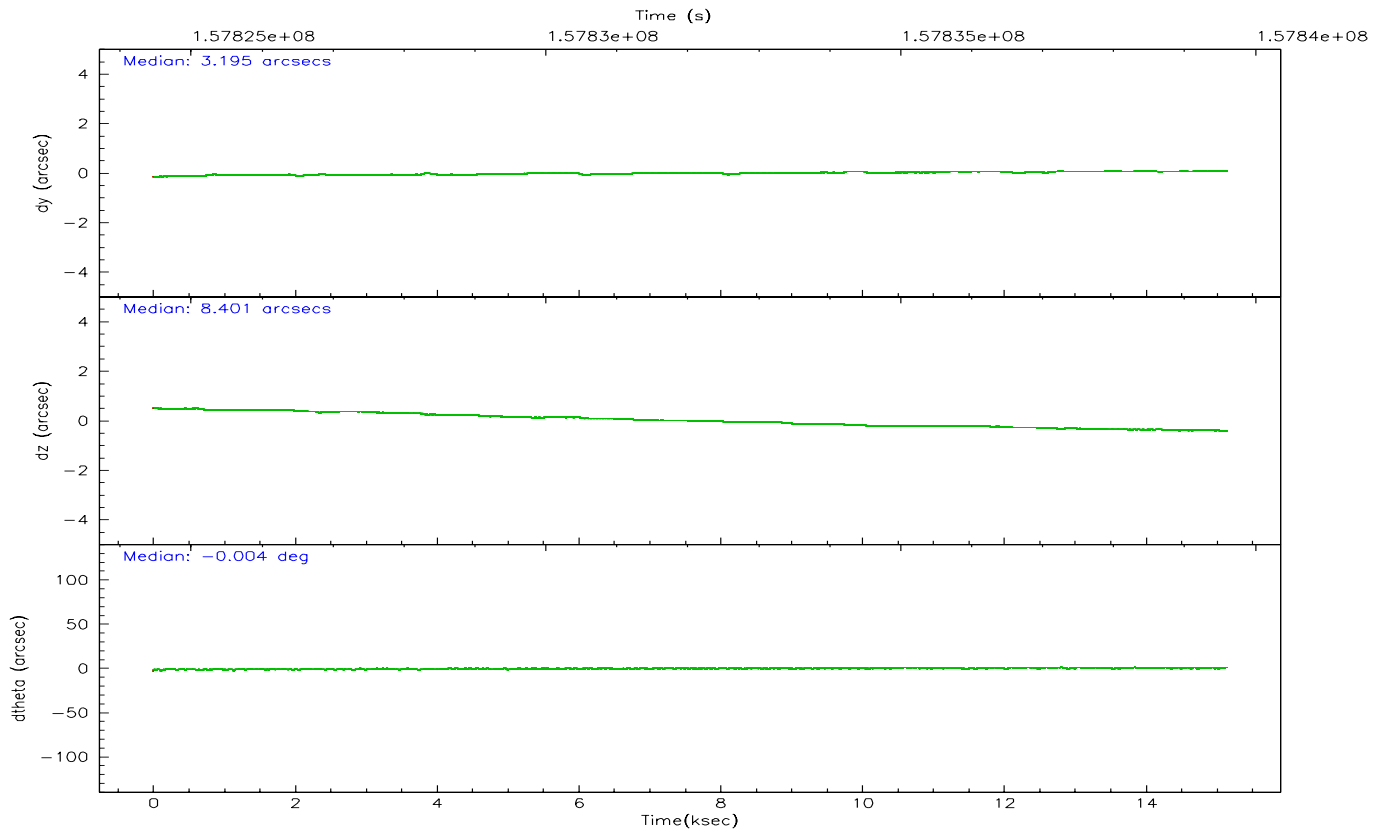
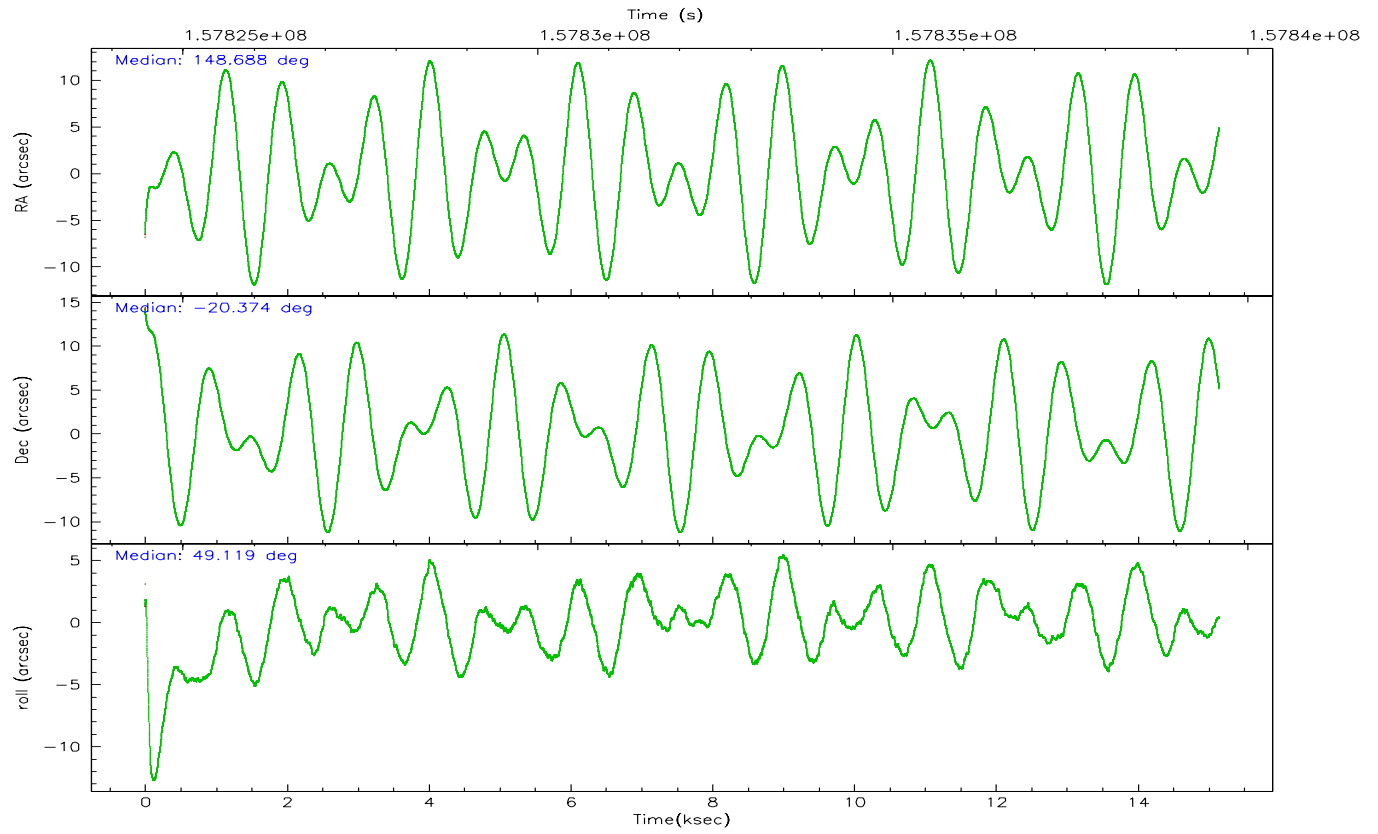
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2727	2581	3477	2777	7065
	3%	3%	4%	3%	6%
grade 1 events	44	41	45	72	95
	0%	0%	0%	0%	0%
grade 2 events	1825	1567	1903	9410	5193
	2%	1%	2%	10%	5%
grade 3 events	875	882	986	2508	2504
	1%	1%	1%	2%	2%
grade 4 events	891	889	969	2374	2363
	1%	1%	1%	2%	2%
grade 5 events	2608	2981	3293	6827	4524
	3%	3%	3%	7%	4%
grade 6 events	1421	1530	1757	21497	6043
	1%	1%	2%	23%	5%
grade 7 events	73142	71789	72374	44162	74442
	87%	87%	85%	49%	72%

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	148.682698	148.6877621367887	Subarray requested	NONE	NONE
Pointing Dec	-20.400837	-20.37399515654295	Alternating exposures requested	N	N
Pointing Roll	48.961851	49.12025959739606	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	157824605.184000	157823577.20717			
Observation start date	2003-01-01T16:09:01	2003-01-01T15:52:57			
Observation end time	157839605.184000	157840052.54536			
Observation end date	2003-01-01T20:19:01	2003-01-01T20:27:32			
Read mode	TIMED	TIMED			

2.3 Aspect



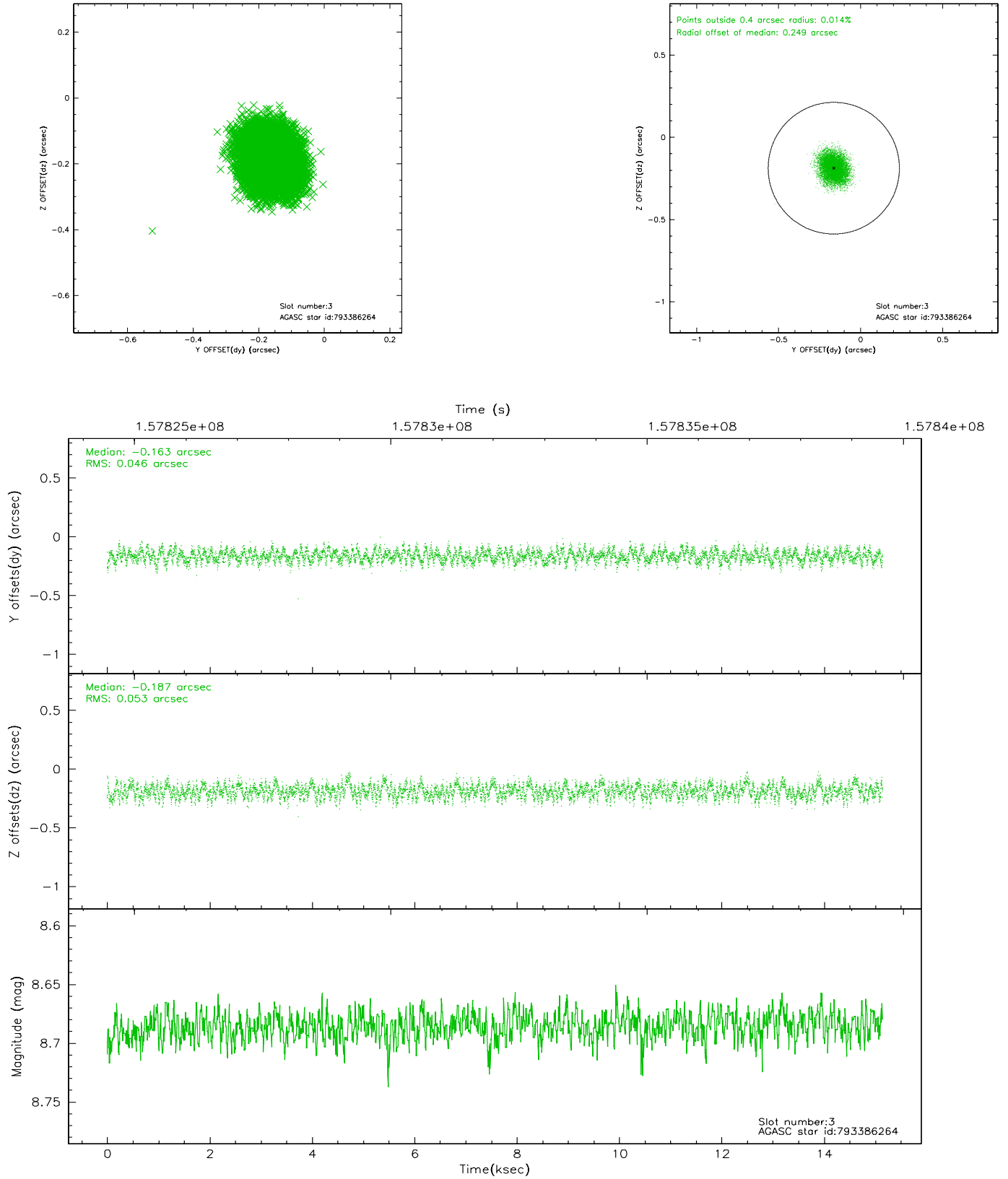


Slot Statistics

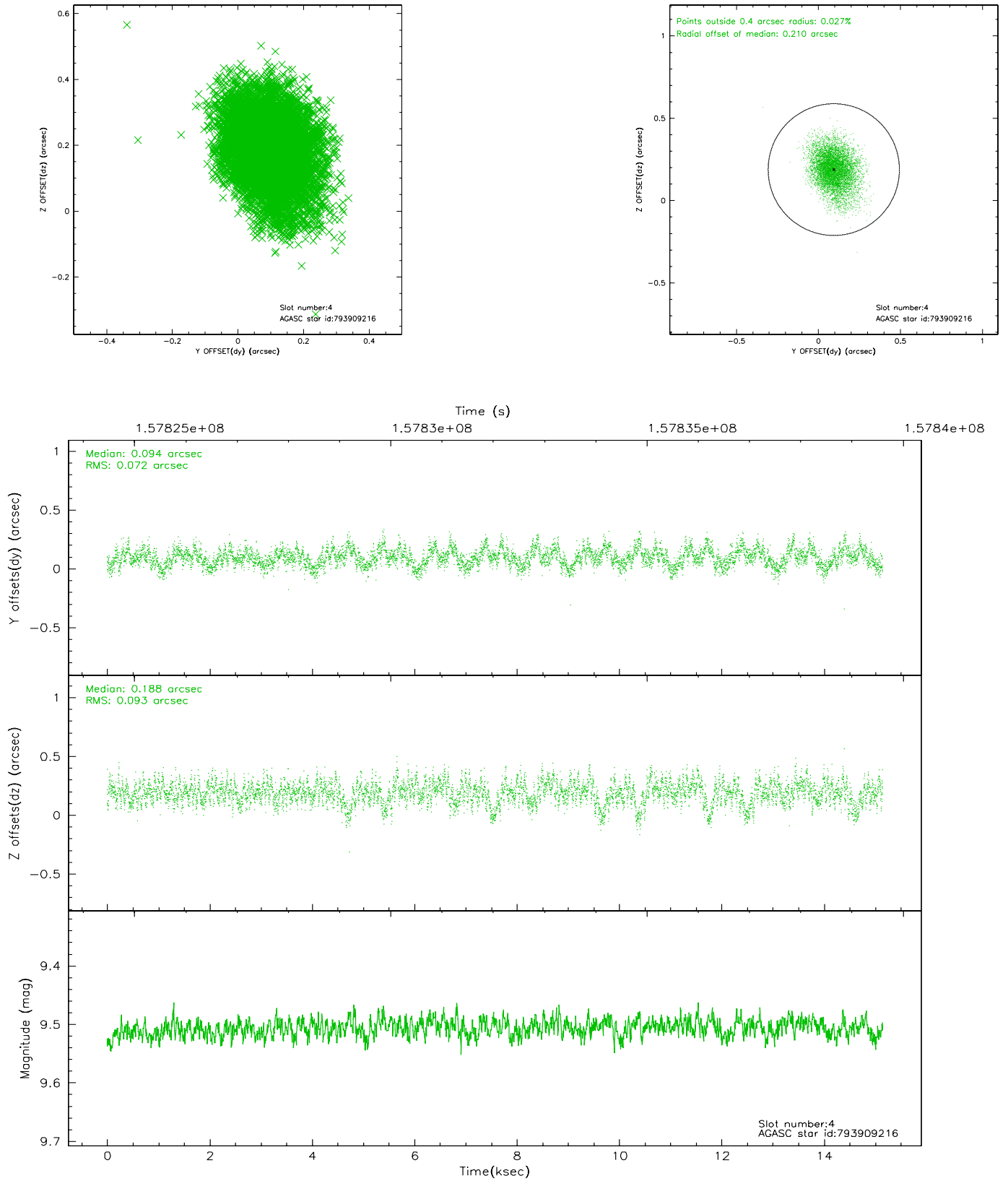
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3696	-0.005	0.009	0.008	0.013	0.000000	0.000000	-755.85	-1729.62
1	FID	ACIS-S-4	7.20	3696	-0.026	0.001	0.005	0.009	0.000000	0.000000	2157.28	178.54
2	FID	ACIS-S-5	7.24	3696	0.001	-0.001	0.007	0.013	0.000000	0.000000	-1808.30	172.56
3	GUIDE	793386264	8.69	7382	-0.163	-0.187	0.076	0.118	148.487634	-19.828781	1119.31	1849.97
4	GUIDE	793909216	9.51	7383	0.094	0.188	0.124	0.208	149.174801	-20.844172	-118.31	-2297.87
5	GUIDE	793911216	9.29	7387	0.229	0.158	0.090	0.147	148.477622	-21.055147	-2229.02	-1027.43
6	GUIDE	793912408	9.57	7388	0.201	0.030	0.099	0.164	148.558975	-20.814348	-1396.24	-663.65
7	GUIDE	793390560	6.76	7389	-0.360	-0.185	0.047	0.075	148.999134	-19.952435	1919.43	251.38

2.4 Star Slots

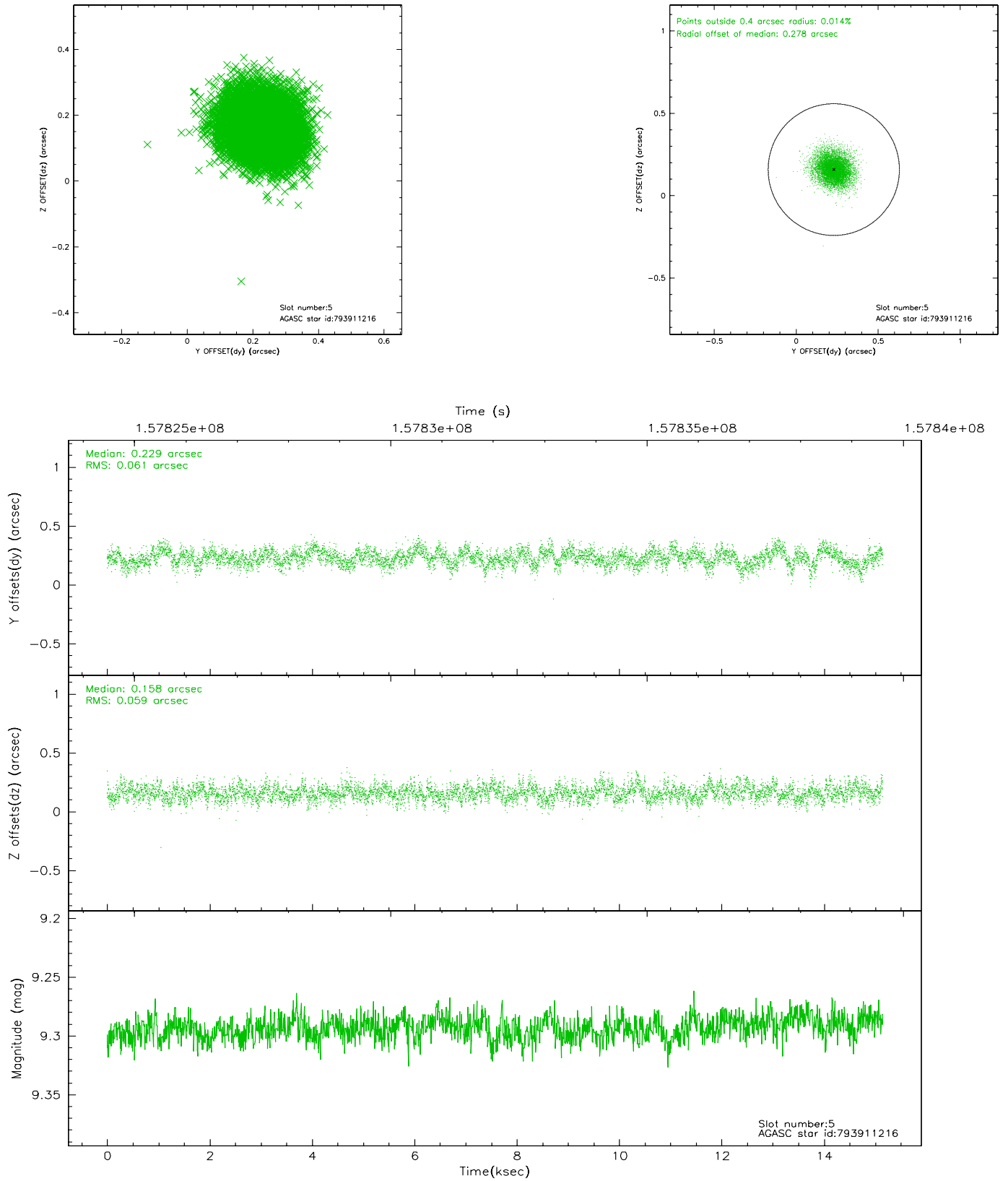
2.4.1 Slot 3



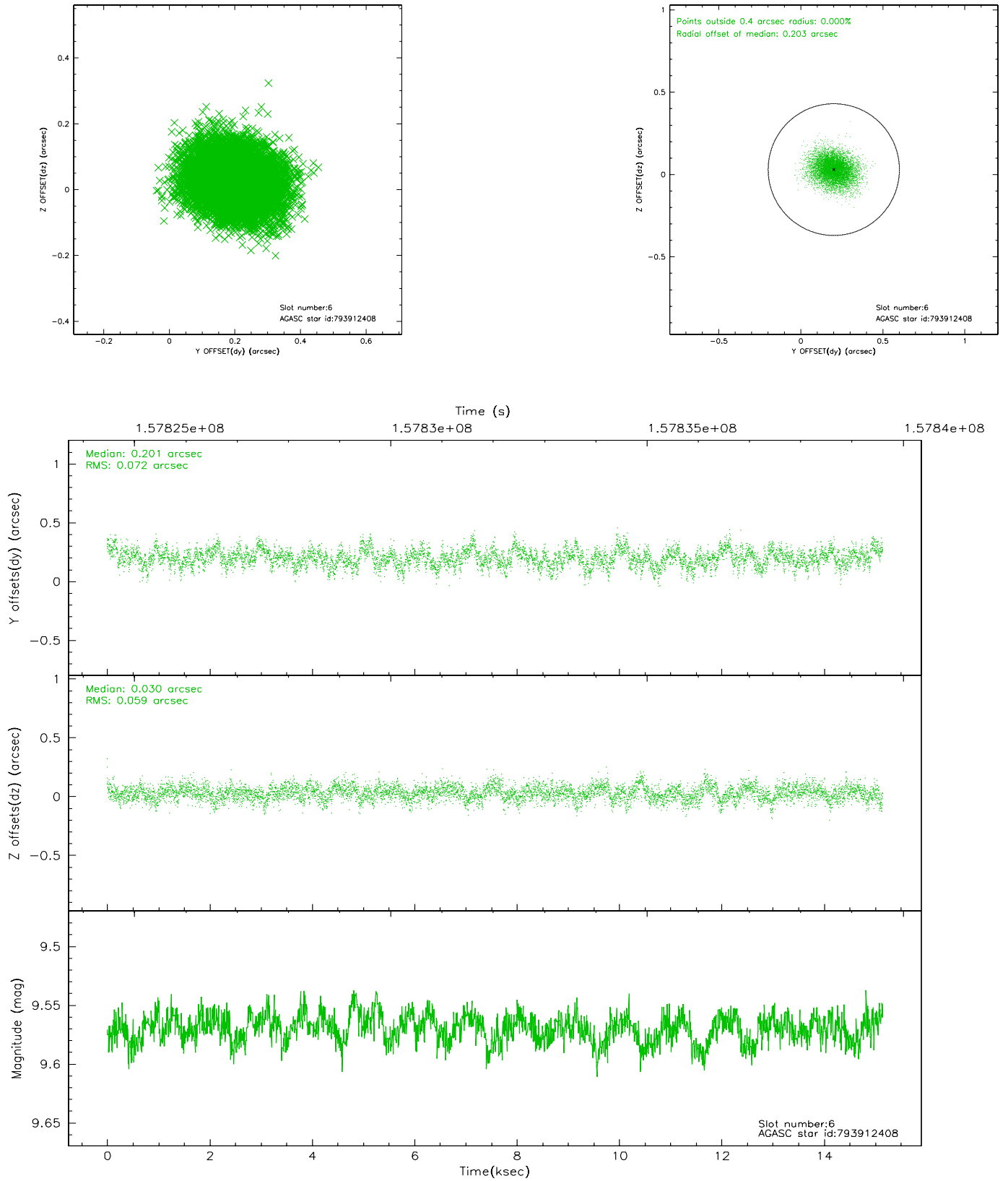
2.4.2 Slot 4



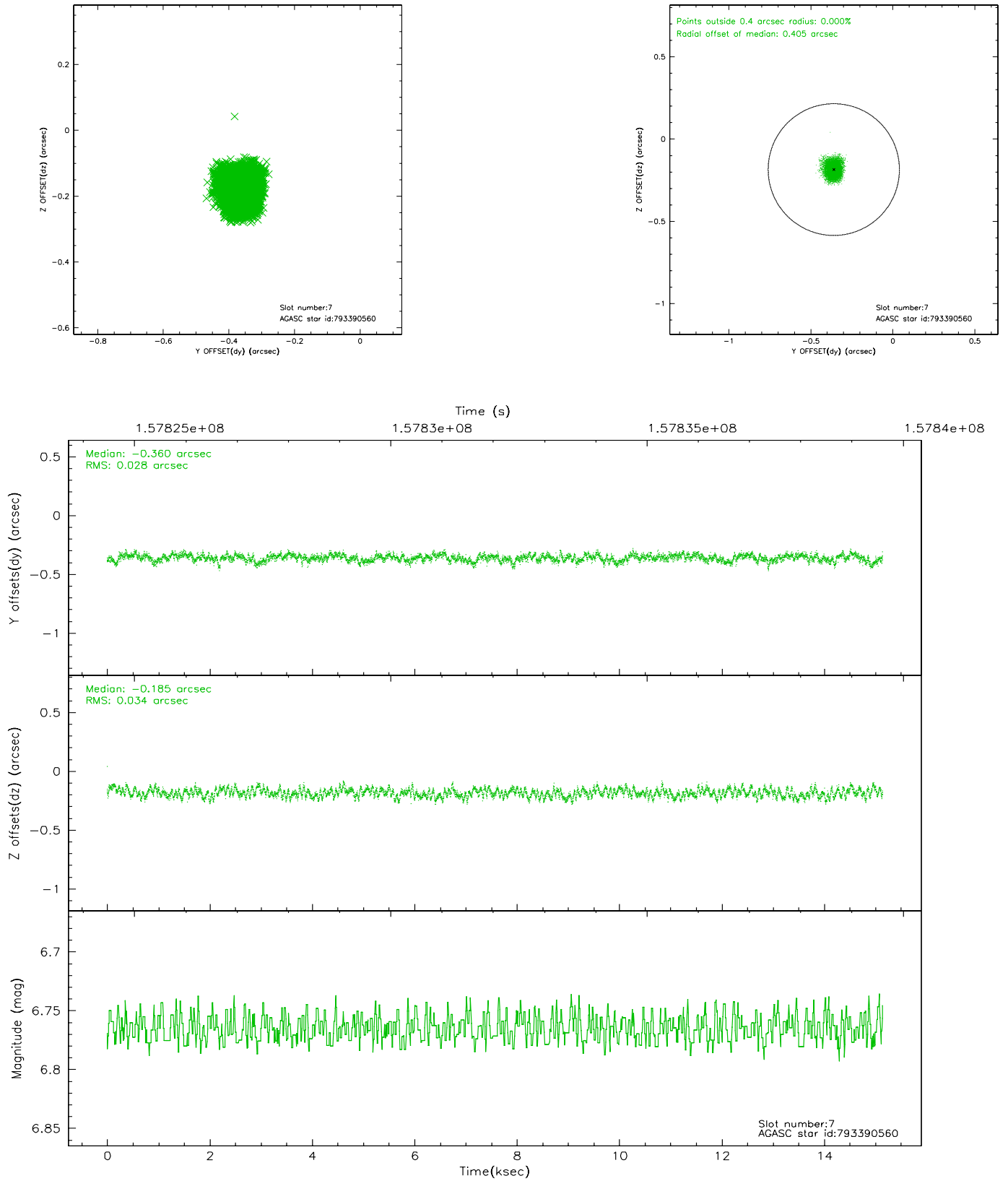
2.4.3 Slot 5



2.4.4 Slot 6

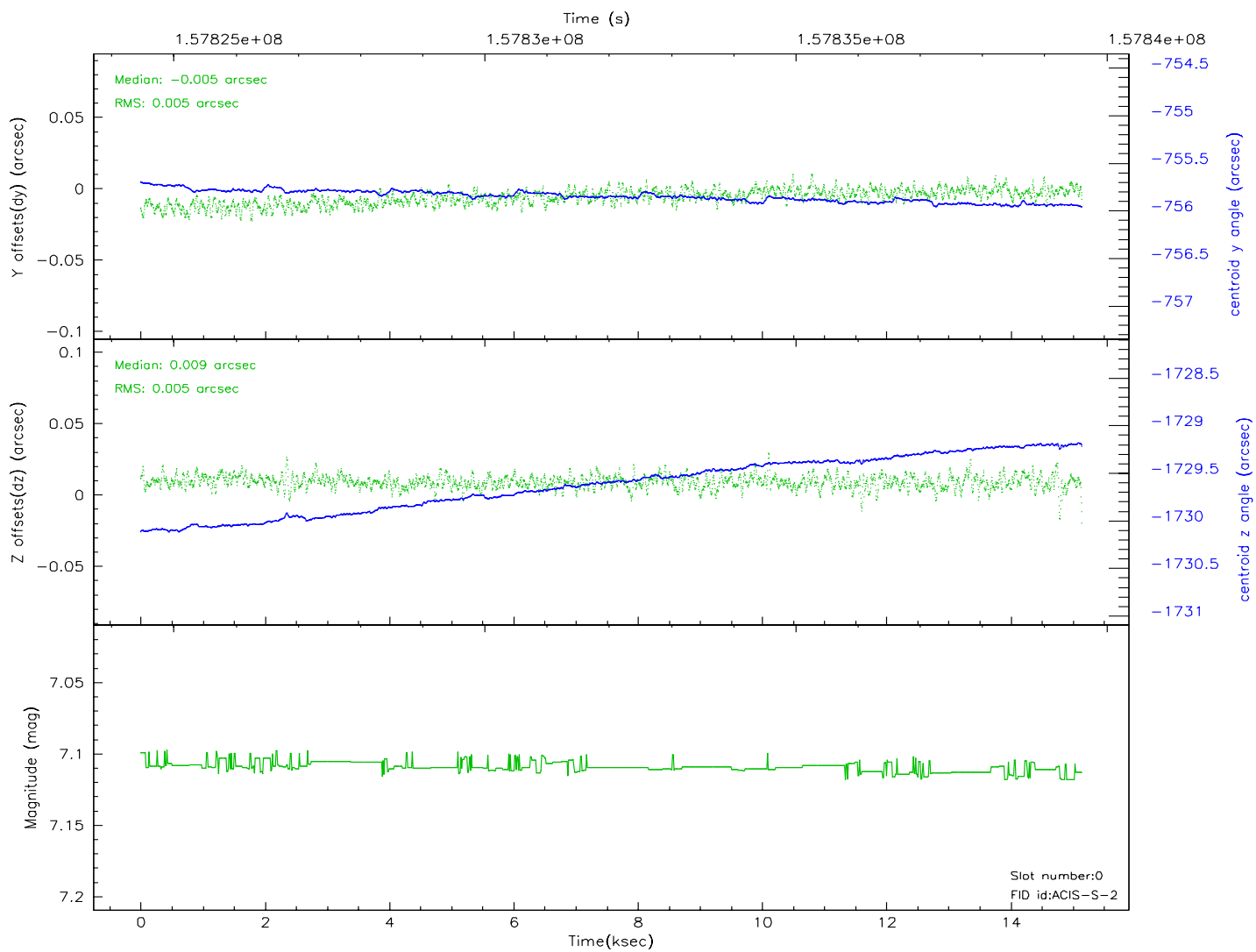
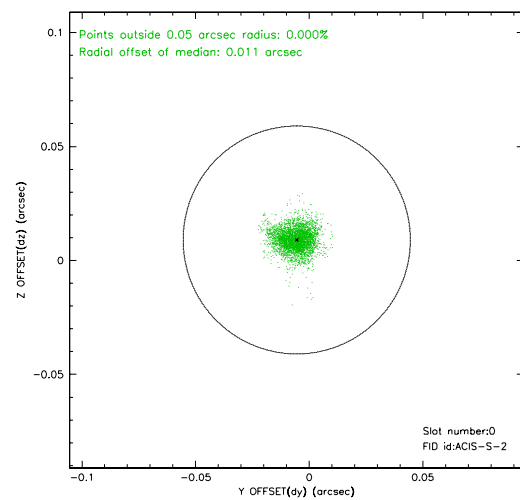
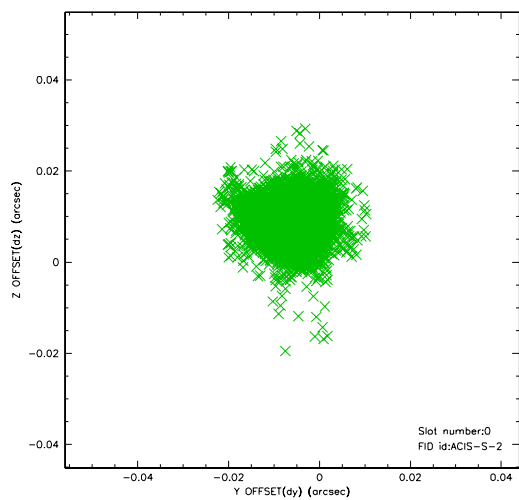


2.4.5 Slot 7

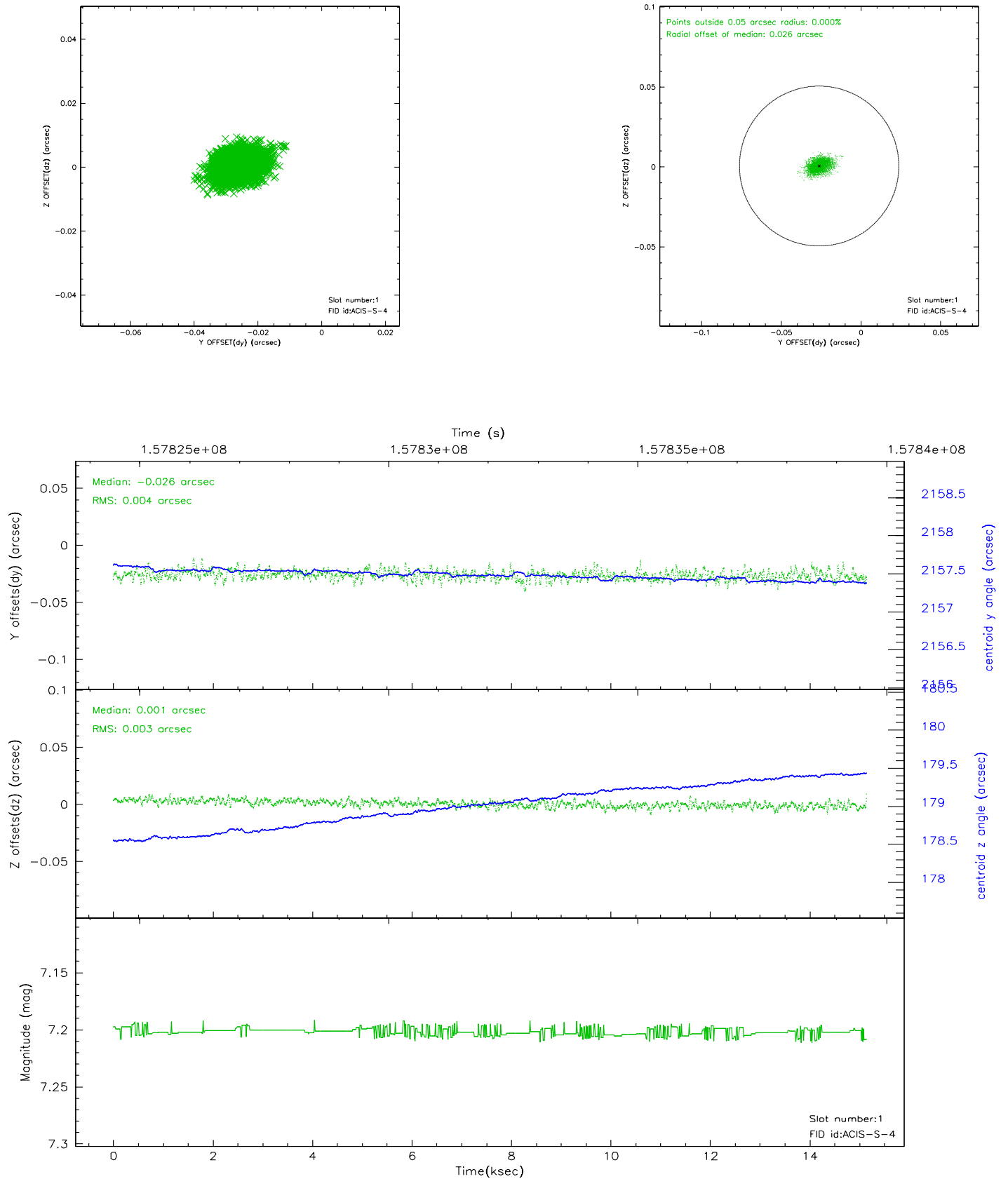


2.5 FID Slots

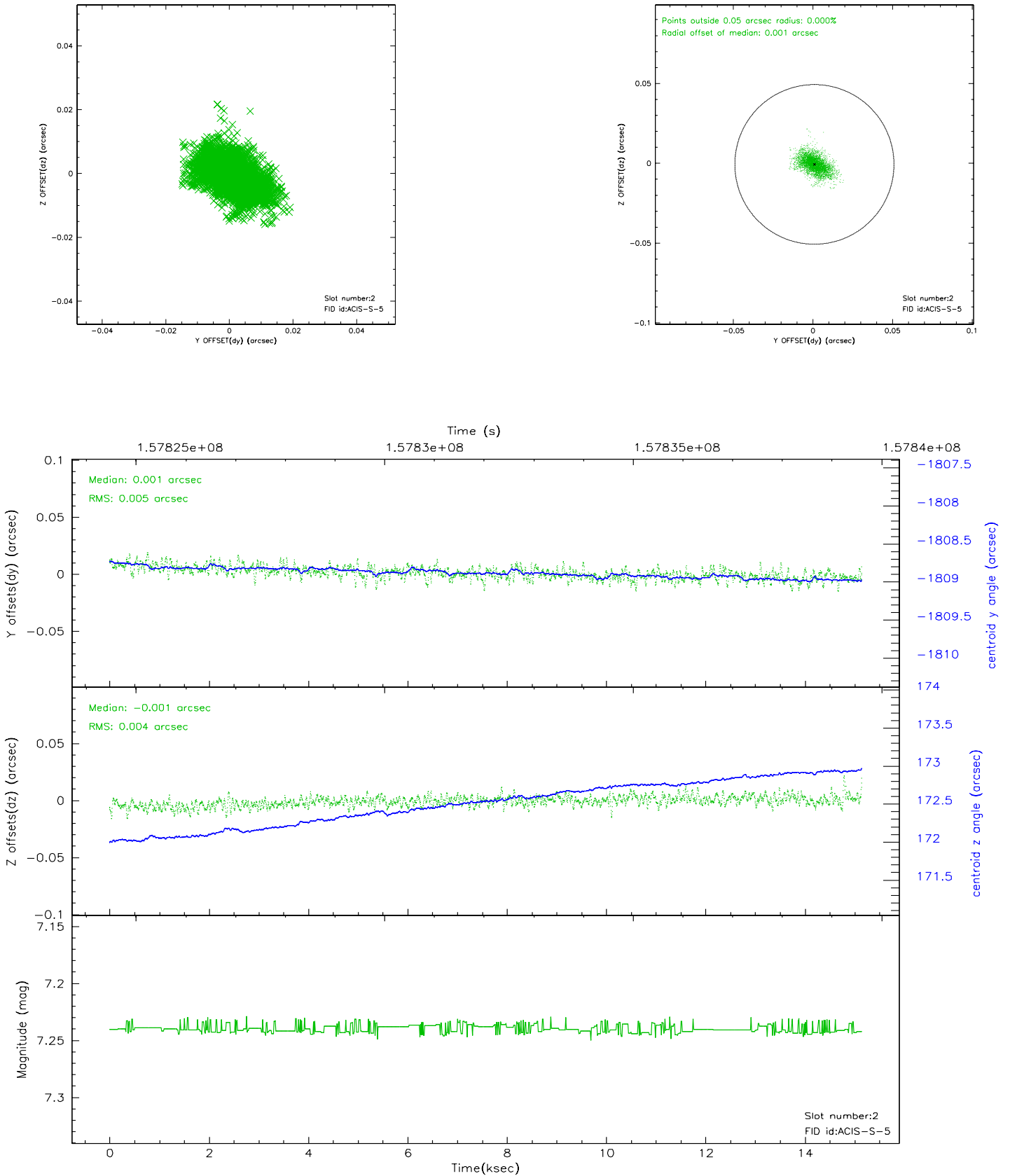
2.5.1 Slot 0



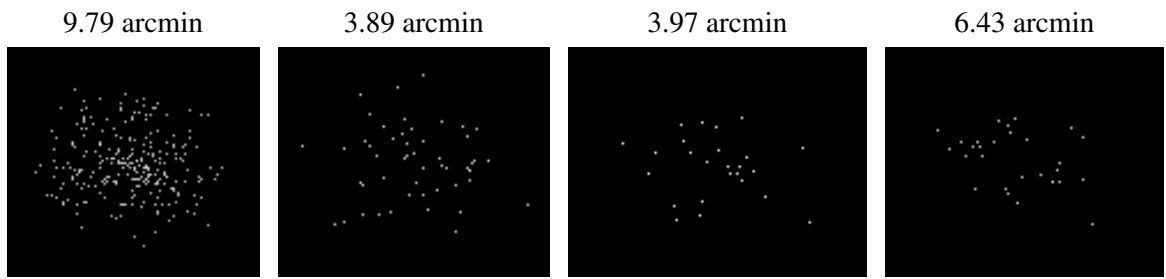
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.143

A.2 Comments