

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3557 - L2 Version 001
Chandra X-Ray Center

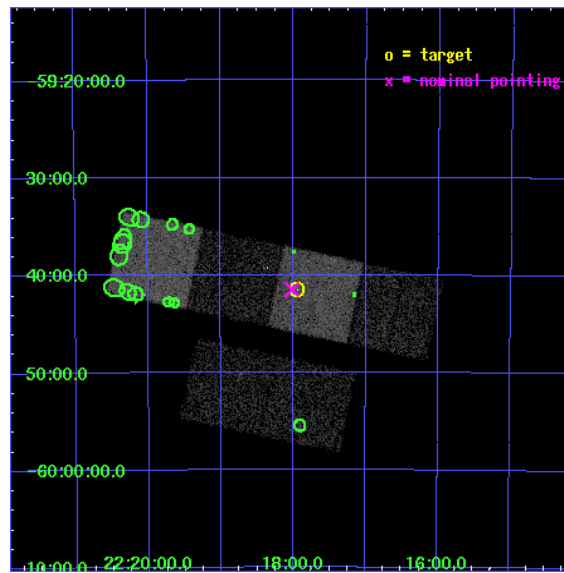
L2 Processing Date : Jul 11 2006

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1 Front

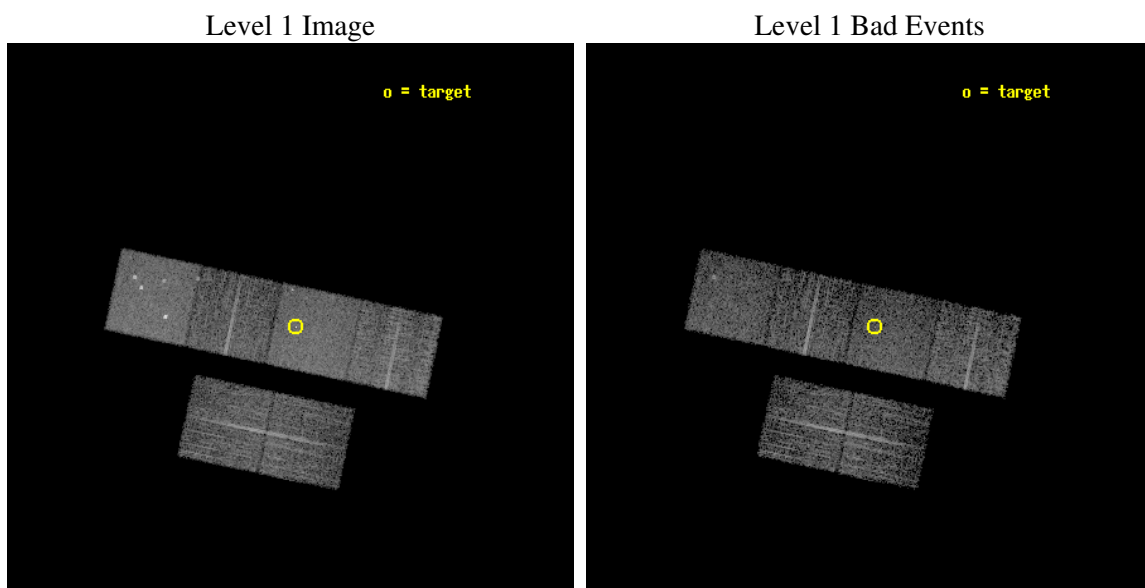
seq_num	700619
obs_id	3557
title	MONITORING THE X-RAY TRANSIENT AGN RX J2217.9-5941
observer	Dr. Peter Predehl
object	RX J2217.9-5941
dtcycle	0
cycle	P
ra_targ	334.485833
dec_targ	-59.691667
ra_nom	334.50498661369
dec_nom	-59.691398610315
roll_nom	11.898592936356
revision	2
ontime	5180.7999807
livetime	5115.1975718412
ontime2	5180.7999807
ontime3	5180.7999807
ontime5	5180.7999807
ontime6	5180.7999807
ontime7	5180.7999807
ontime8	5180.7999807
l2events	49503



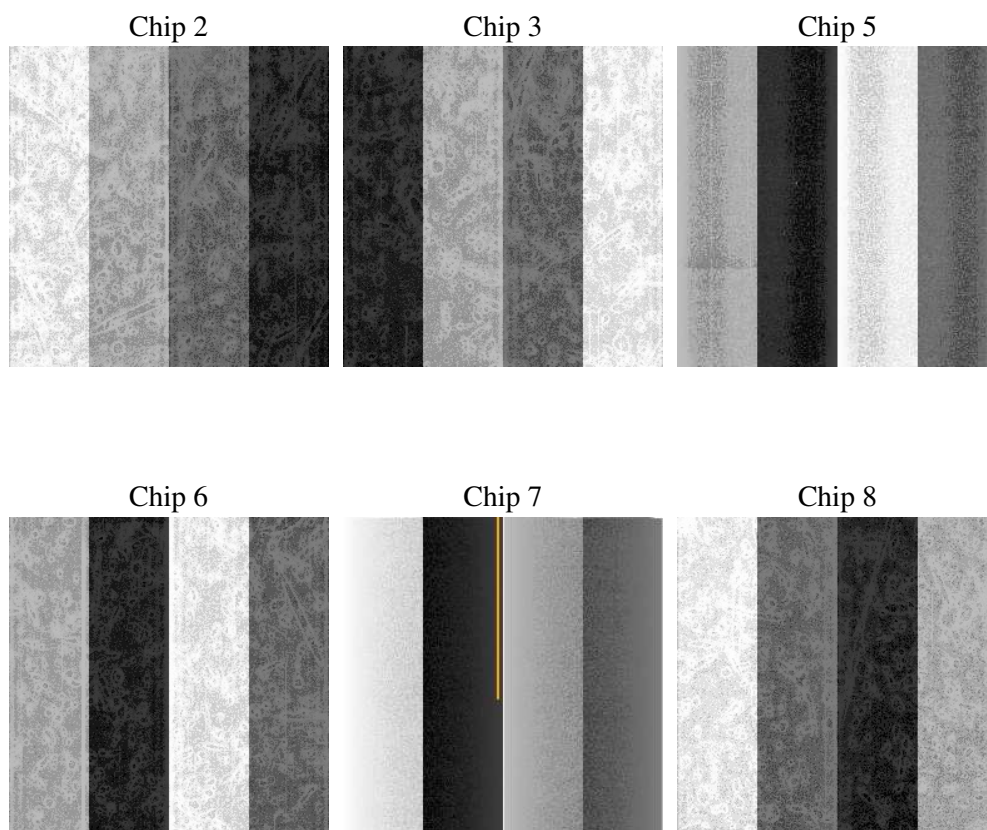
2 OBI

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	2006-07-11T06:42:16
revision	2

sched_exp_time	5000.000000
ontime	5383.3039103746
ontime2	5383.3038904667
ontime3	5383.3038904667
ontime5	5383.3039103746
ontime6	5383.3038904667
ontime7	5383.3039103746
ontime8	5383.3038904667
l1events	240081

2.1.4 Events

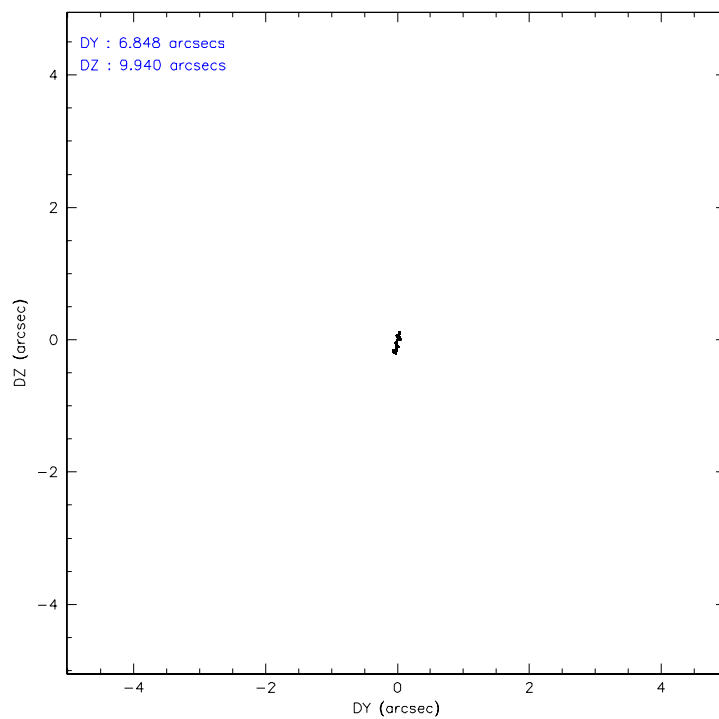
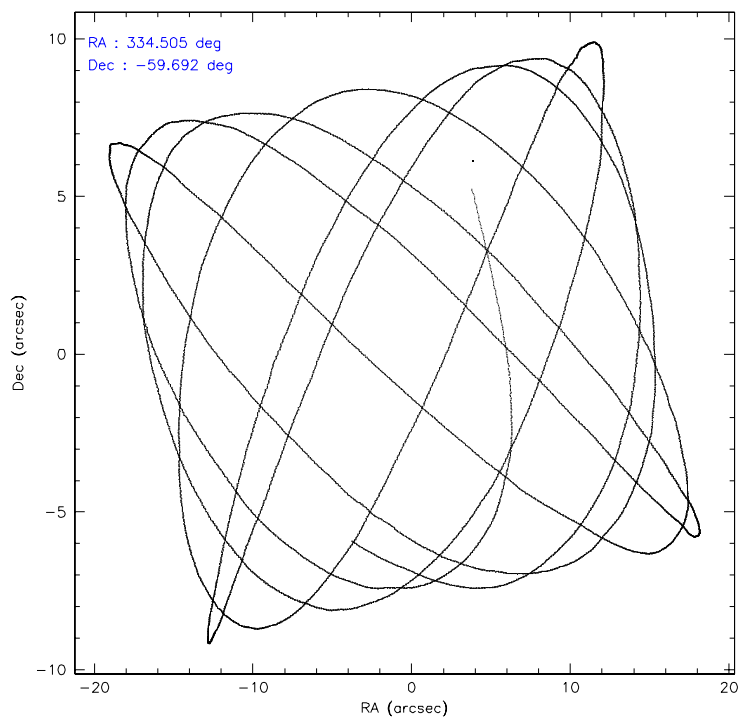
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	33934	32248	51796	33146	45755	43202
rejected events	30115	28554	29171	29297	28688	34108
rejected %	88%	88%	56%	88%	62%	78%

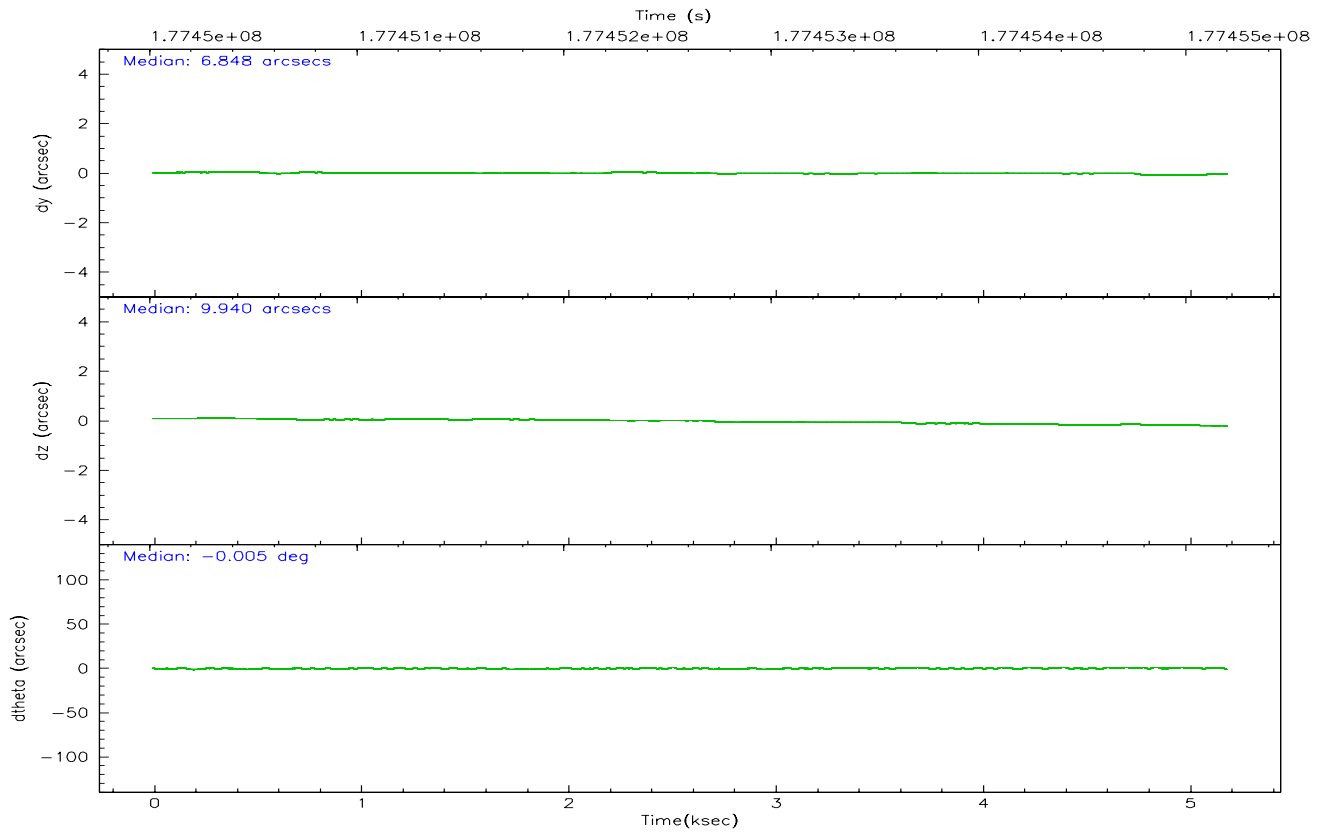
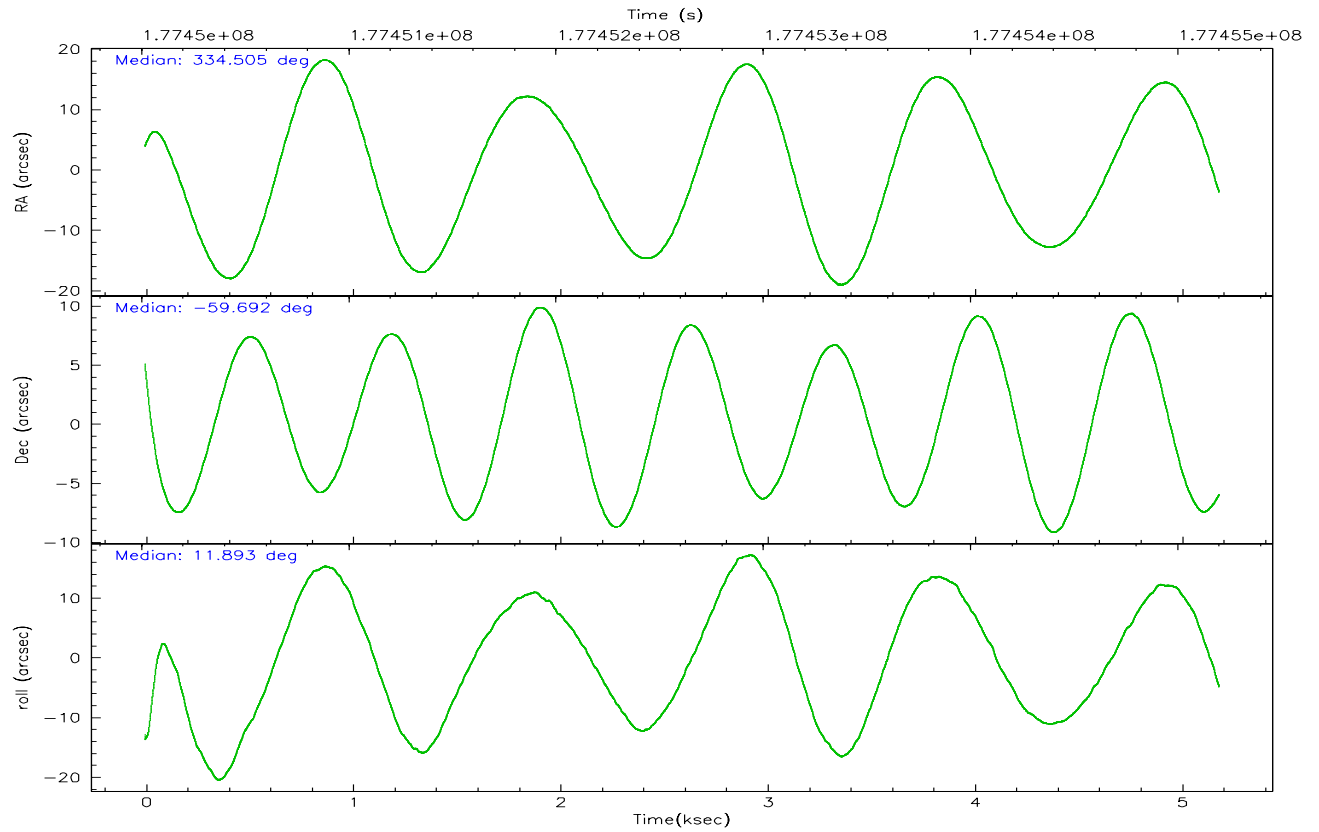
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1803	1661	3658	1653	1385	2973
	5%	5%	7%	4%	3%	6%
grade 1 events	14	18	51	18	33	23
	0%	0%	0%	0%	0%	0%
grade 2 events	794	742	6596	788	4320	2041
	2%	2%	12%	2%	9%	4%
grade 3 events	355	401	596	373	910	1074
	1%	1%	1%	1%	1%	2%
grade 4 events	370	384	484	397	946	959
	1%	1%	0%	1%	2%	2%
grade 5 events	1305	1520	2481	1575	3004	2016
	3%	4%	4%	4%	6%	4%
grade 6 events	632	687	12206	795	10161	2384
	1%	2%	23%	2%	22%	5%
grade 7 events	28661	26835	25724	27547	24996	31732
	84%	83%	49%	83%	54%	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	334.465302	334.5049866136875	Alternating exposures requested	N	N
Pointing Dec	-59.709817	-59.69139861031526	Primary exposure time	0.000000	3.2
Pointing Roll	11.707731	11.89859293635552			
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	177450192.184000	177449023.43683			
Observation start date	2003-08-16T19:42:08	2003-08-16T19:23:43			
Observation end time	177455192.184000	177456025.72463			
Observation end date	2003-08-16T21:05:28	2003-08-16T21:20:25			
Read mode	TIMED	TIMED			

2.3 Aspect



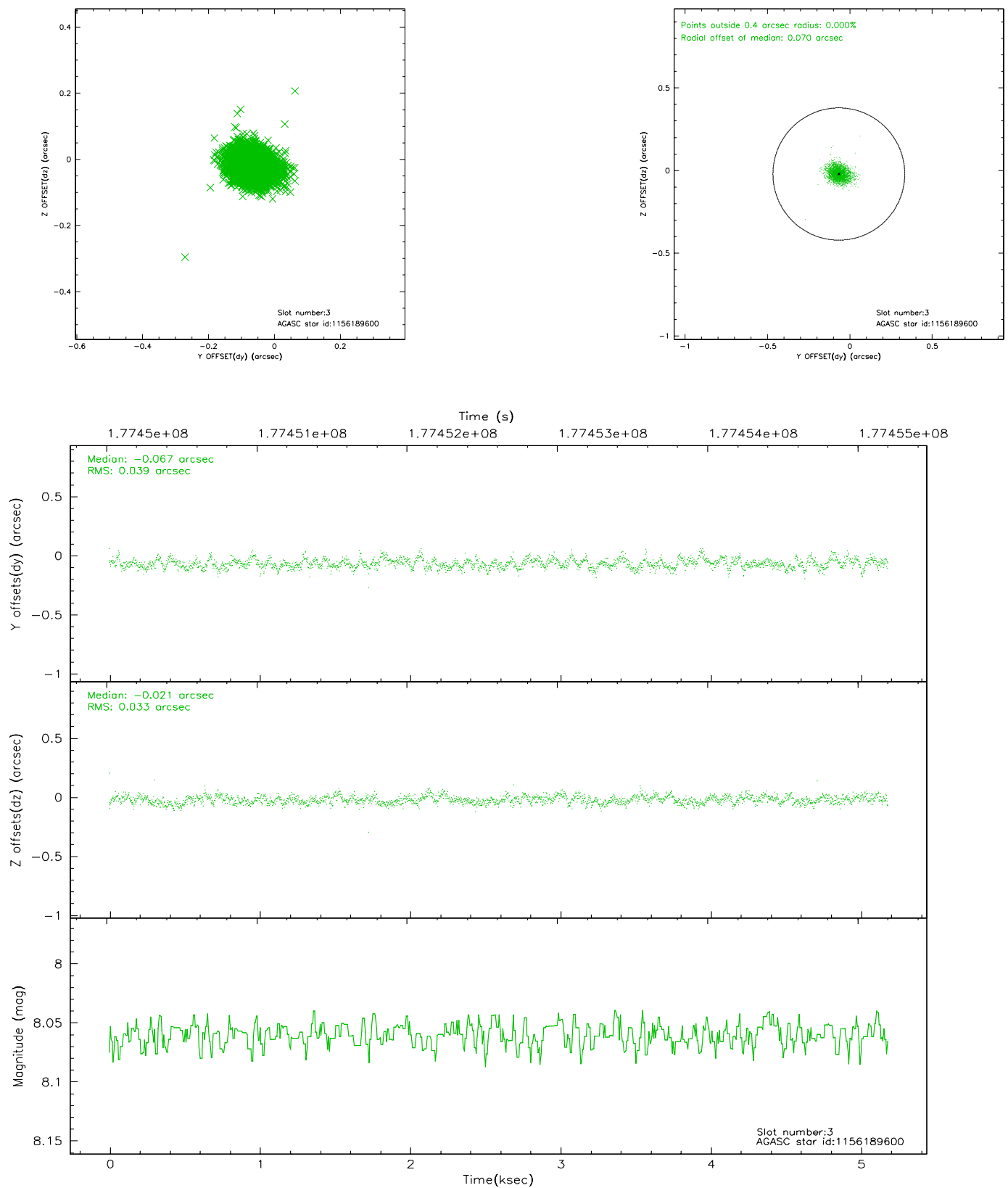


Slot Statistics

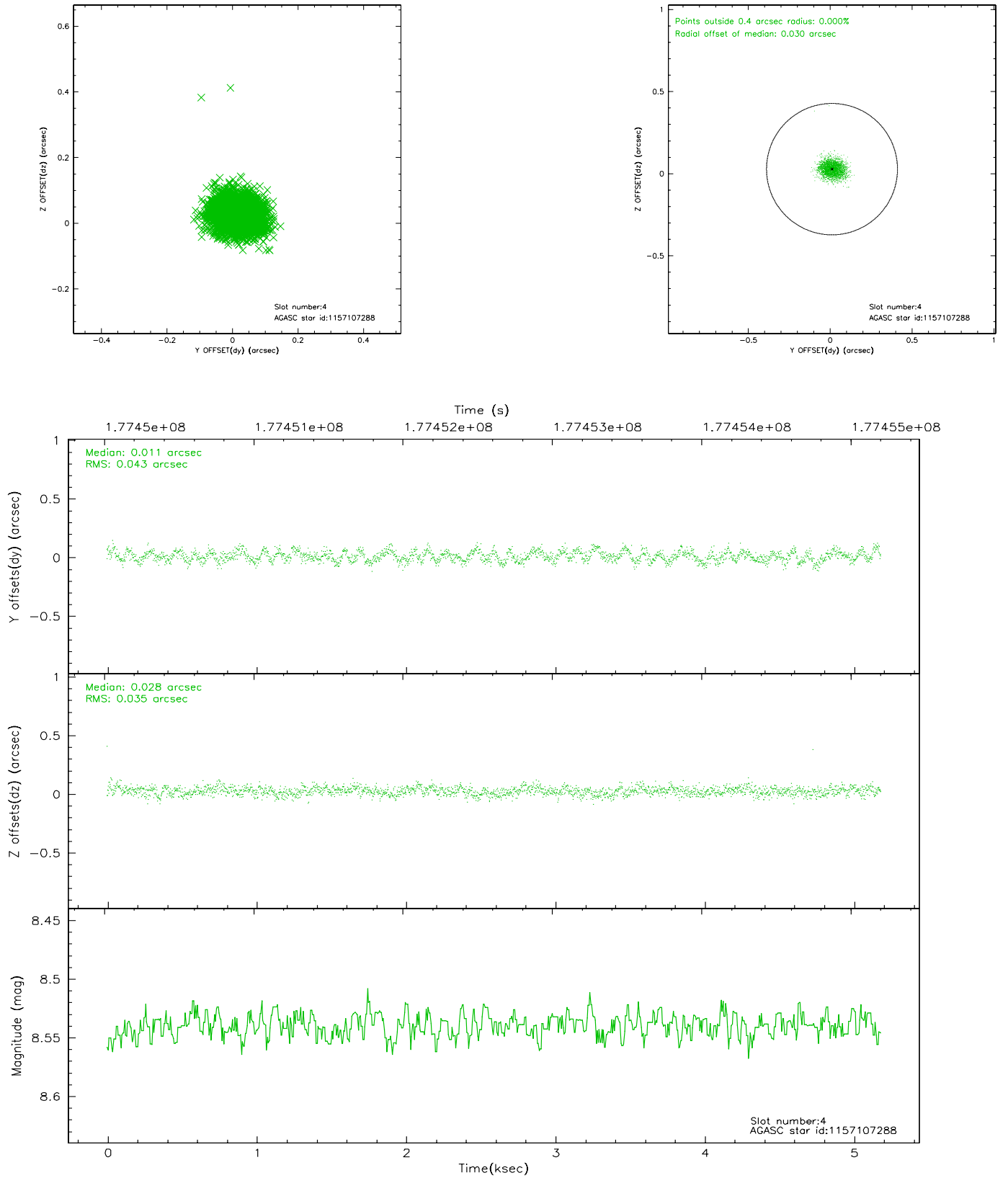
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1265	-0.042	-0.003	0.007	0.011	0.000000	0.000000	-759.61	-1731.12
1	FID	ACIS-S-4	7.20	1265	0.034	0.021	0.005	0.009	0.000000	0.000000	2153.19	176.22
2	FID	ACIS-S-5	7.23	1265	-0.023	-0.009	0.007	0.011	0.000000	0.000000	-1810.96	171.13
3	GUIDE	1156189600	8.06	2529	-0.067	-0.021	0.053	0.088	333.274250	-59.691693	-2109.49	484.14
4	GUIDE	1157107288	8.54	2528	0.011	0.028	0.058	0.092	333.659459	-59.292192	-1148.28	1764.44
5	GUIDE	1157108528	8.62	2530	0.015	0.042	0.062	0.105	333.520311	-59.494803	-1536.92	1097.45
6	GUIDE	1157112320	8.74	2528	-0.051	-0.076	0.055	0.094	334.496031	-59.499228	208.20	731.69
7	GUIDE	1194990528	9.26	2529	0.088	0.028	0.079	0.129	333.605757	-60.085376	-1787.13	-1020.02

2.4 Star Slots

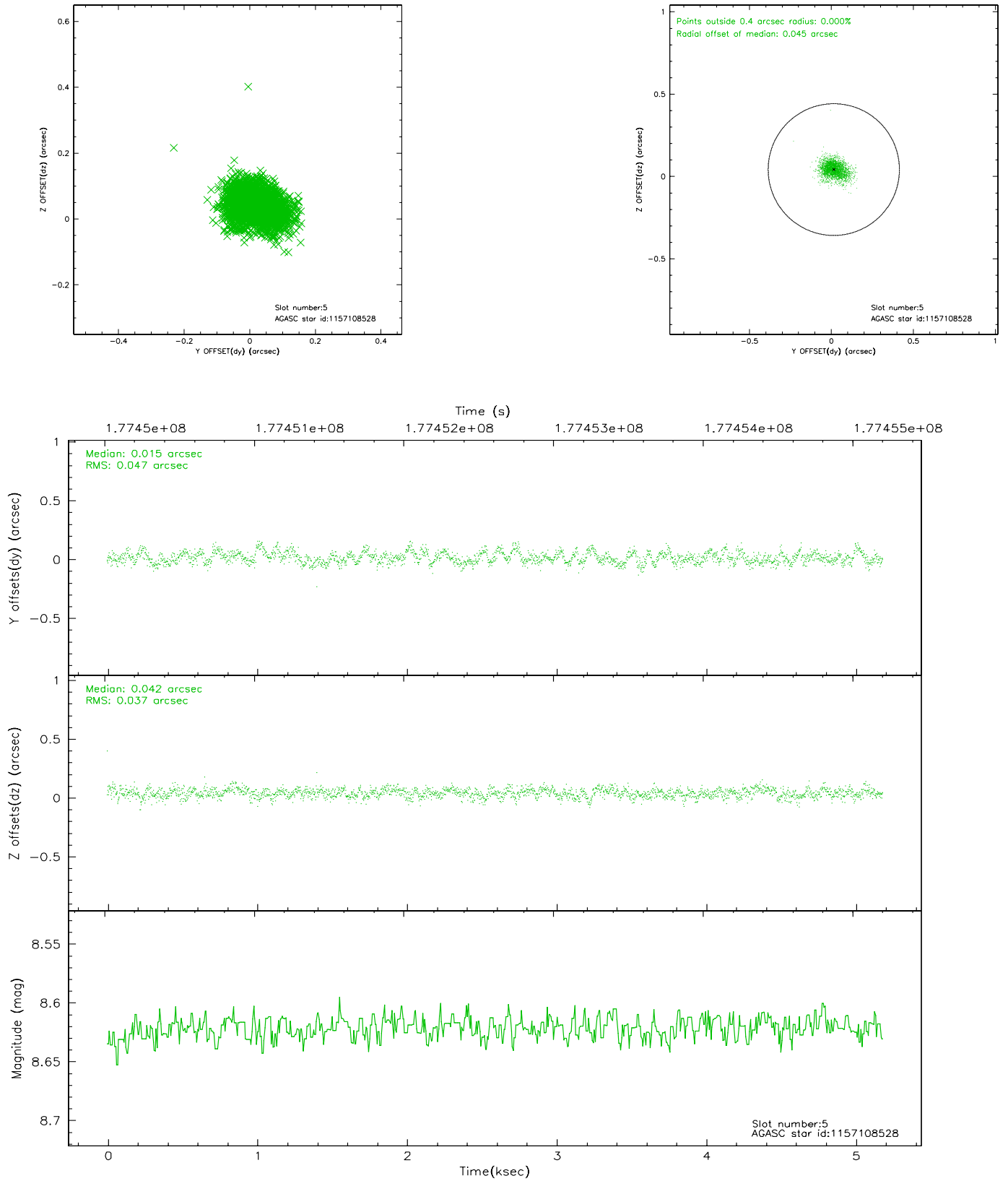
2.4.1 Slot 3



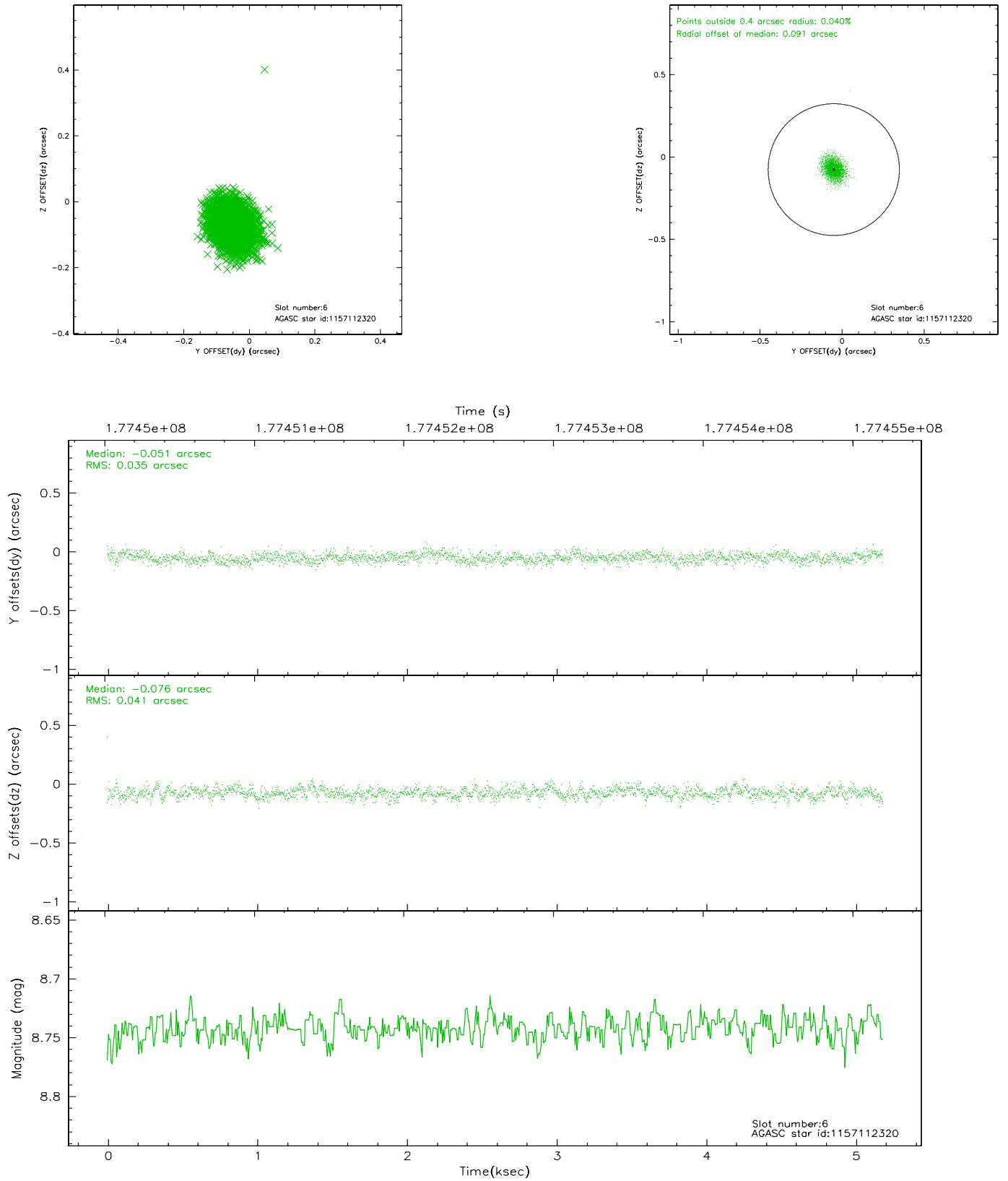
2.4.2 Slot 4



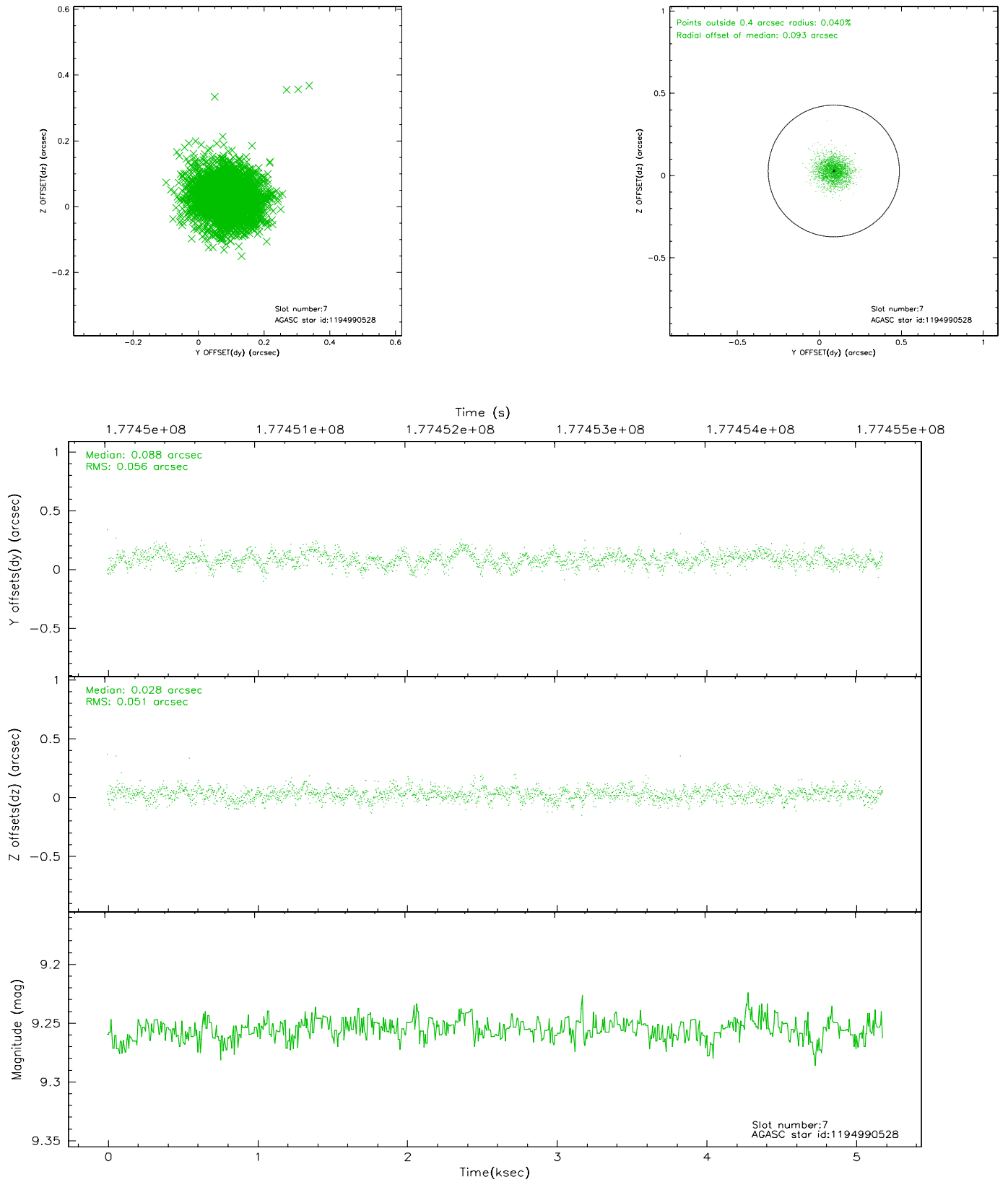
2.4.3 Slot 5



2.4.4 Slot 6

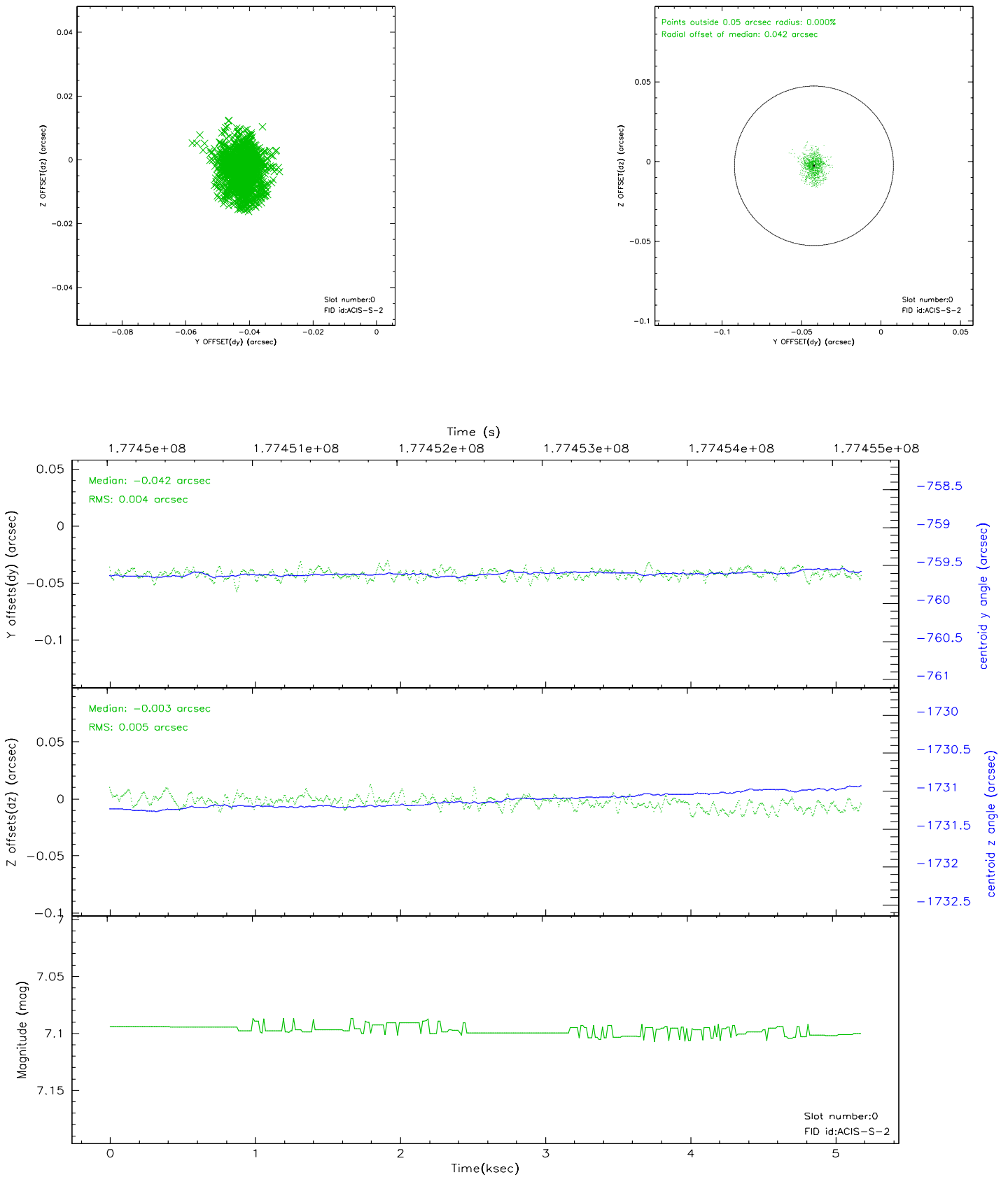


2.4.5 Slot 7

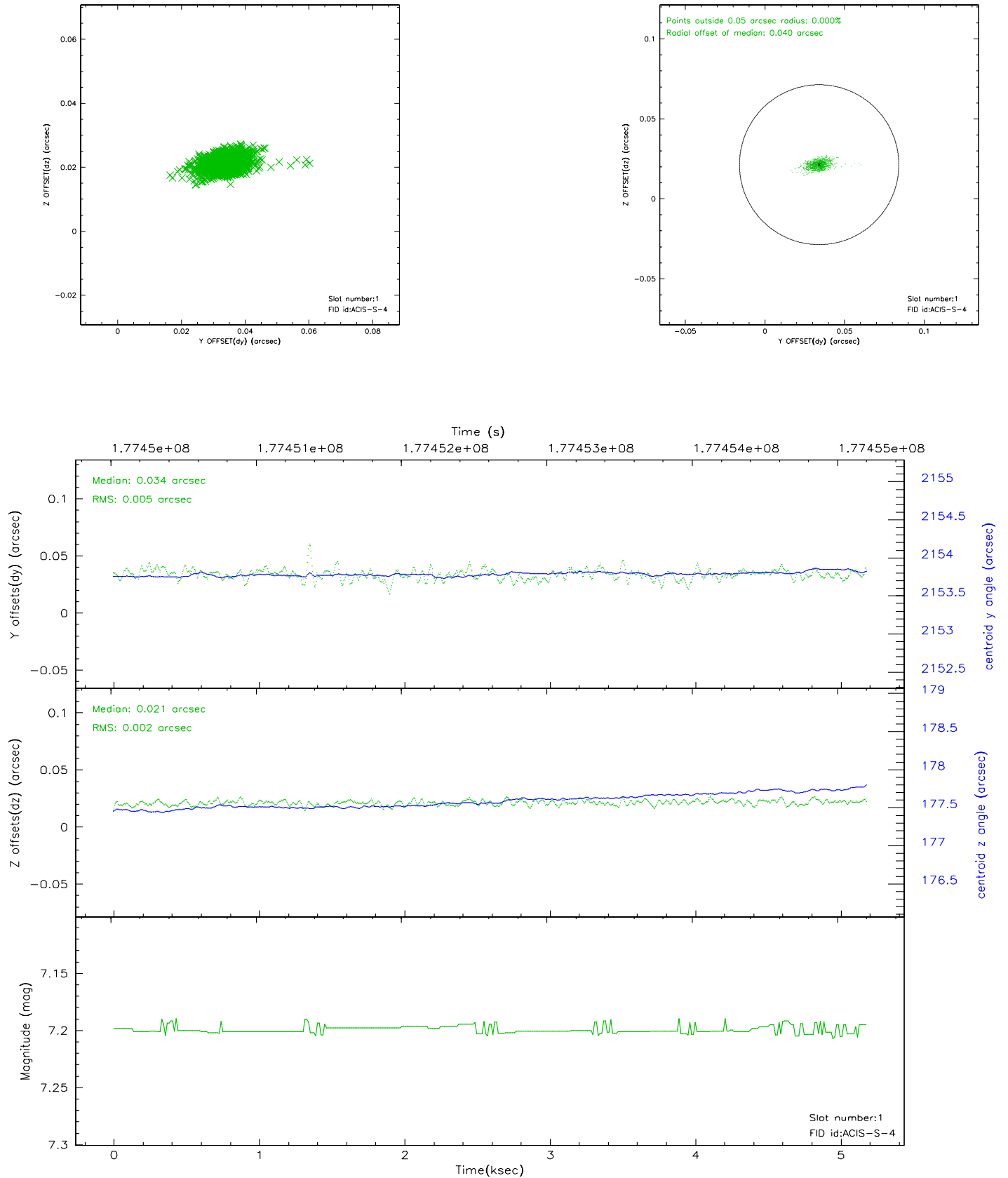


2.5 FID Slots

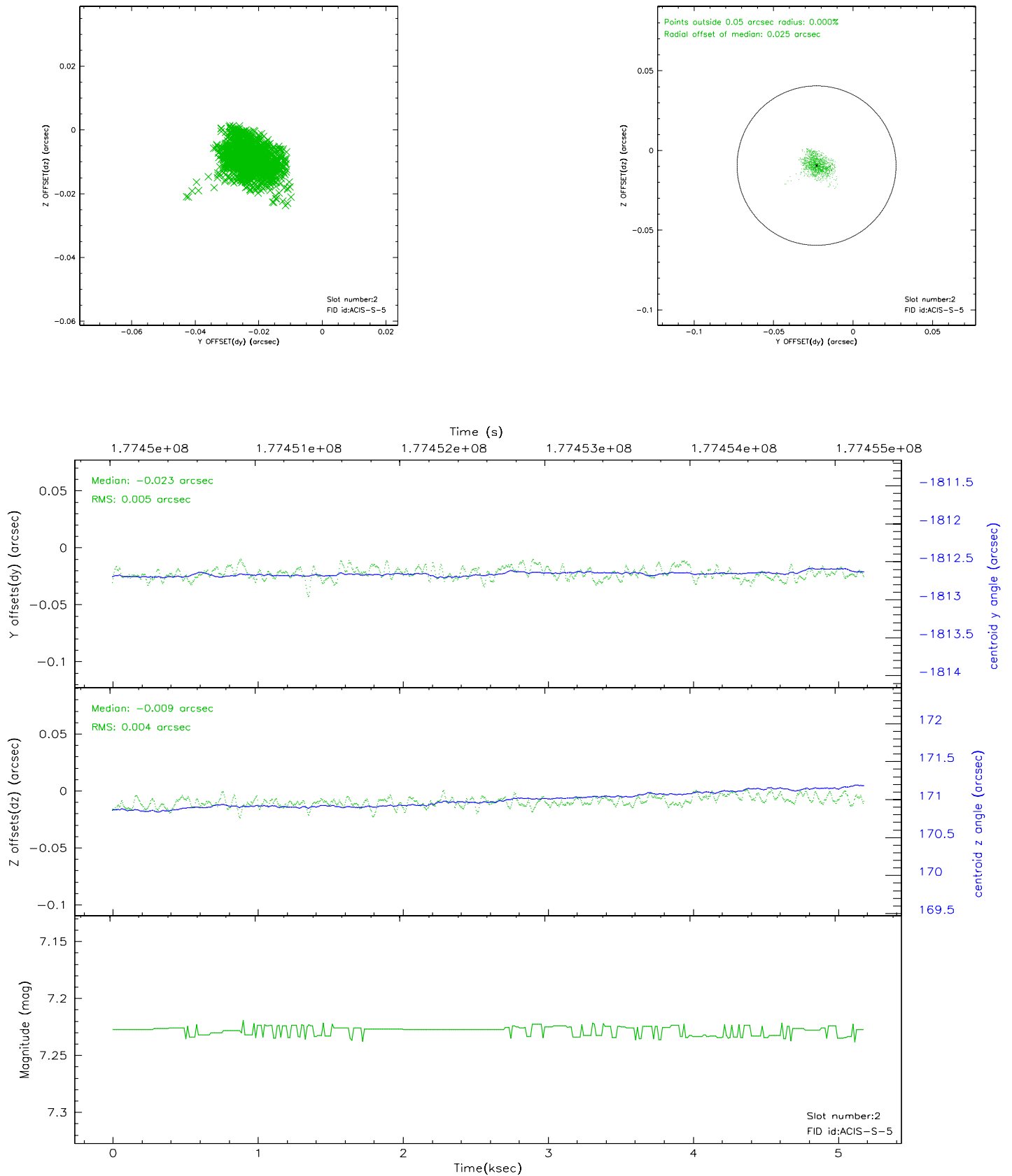
2.5.1 Slot 0



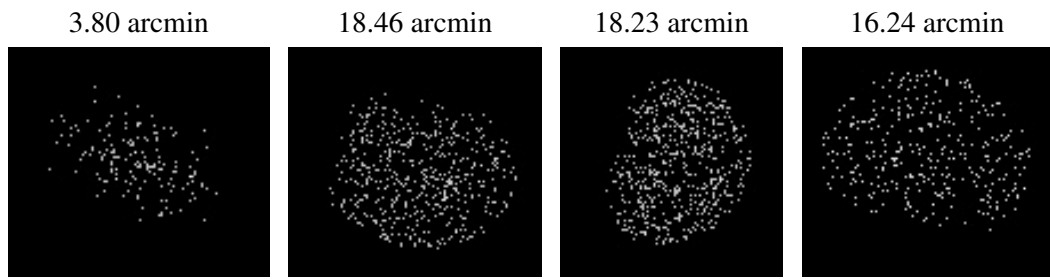
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.181

A.2 Comments

Monitor constraint met.