

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1666 - L2 Version 001
Chandra X-Ray Center

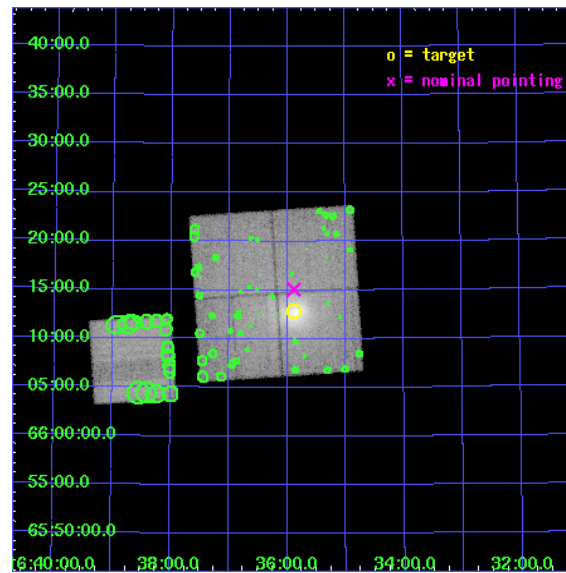
L2 Processing Date : Dec 21 2006

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1 Front

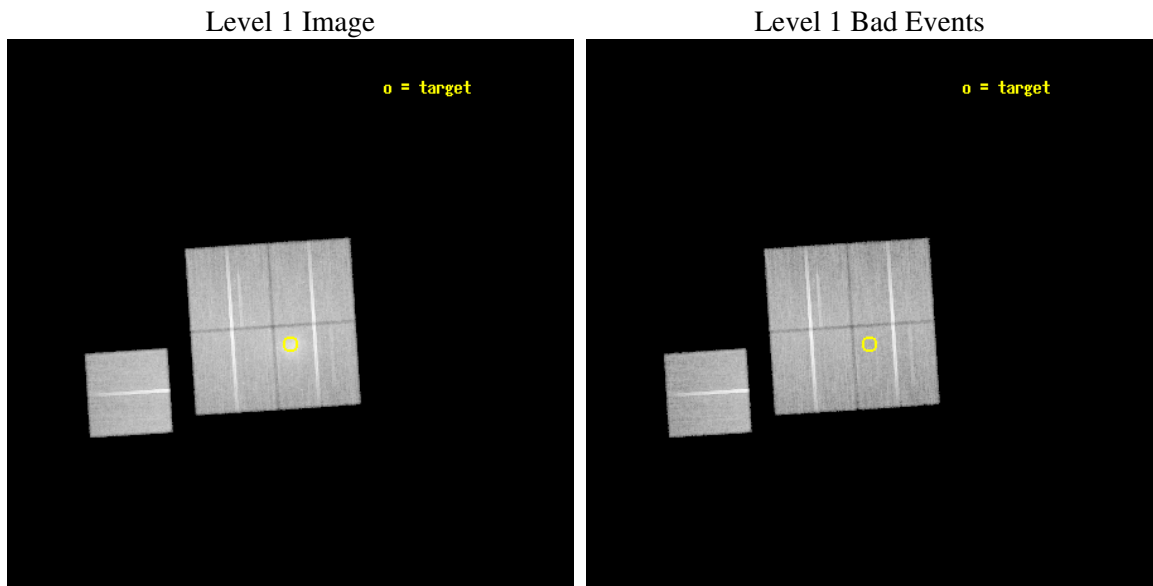
seq_num	800134
obs_id	1666
title	DETERMINATION OF H0 AND Q0, 2000 PART 1
observer	DR. LEON VANSPEYBROECK
object	A2218
dtcycle	0
cycle	P
ra_targ	248.97
dec_targ	66.214
ra_nom	248.97182975774
dec_nom	66.251351169924
roll_nom	266.25920727099
revision	2
ontime	49249.535984546
livetime	48606.054539927
ontime0	49249.535984546
ontime1	49249.536014467
ontime2	49240.113133758
ontime3	49249.535994545
ontime6	49243.254014194
l2events	300451



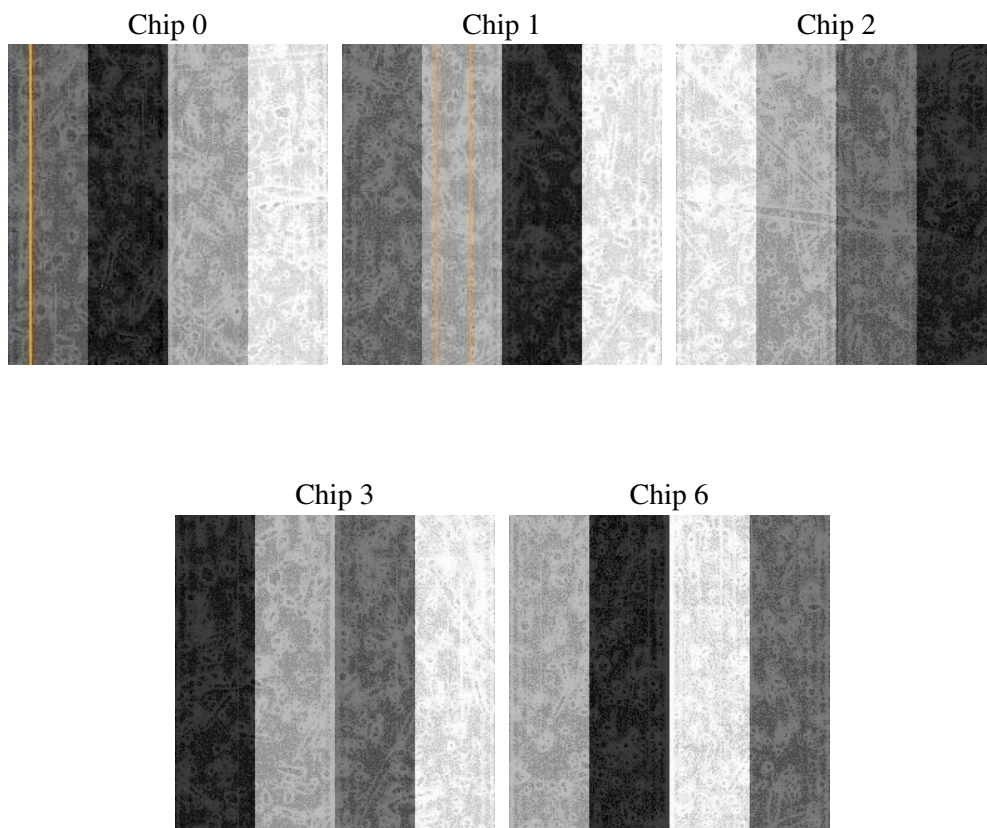
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-22T01:00:24
revision	2

sched_exp_time	49154.773000
ontime	49254.005295888
ontime0	49254.005295888
ontime1	49254.005295888
ontime2	49244.5824451
ontime3	49254.005275965
ontime6	49247.723325536
l1events	1588997

2.1.4 Events

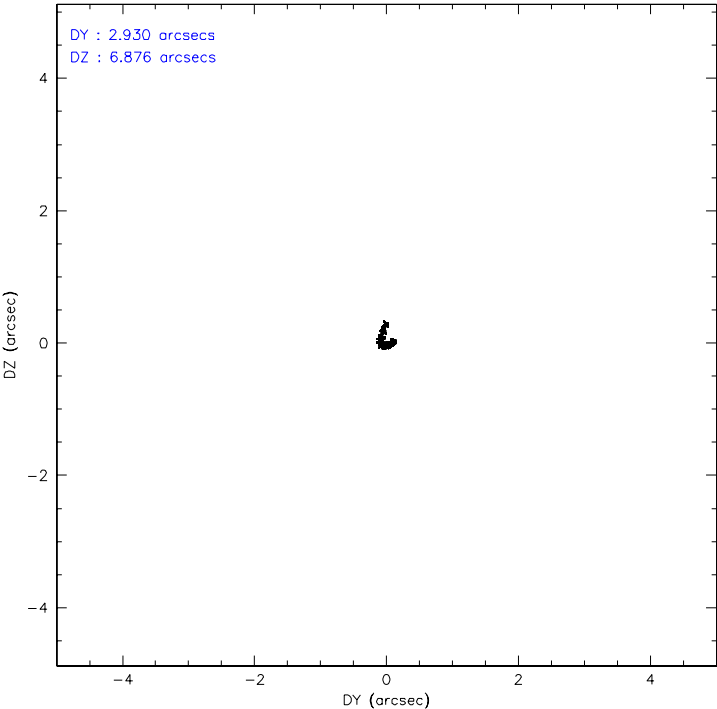
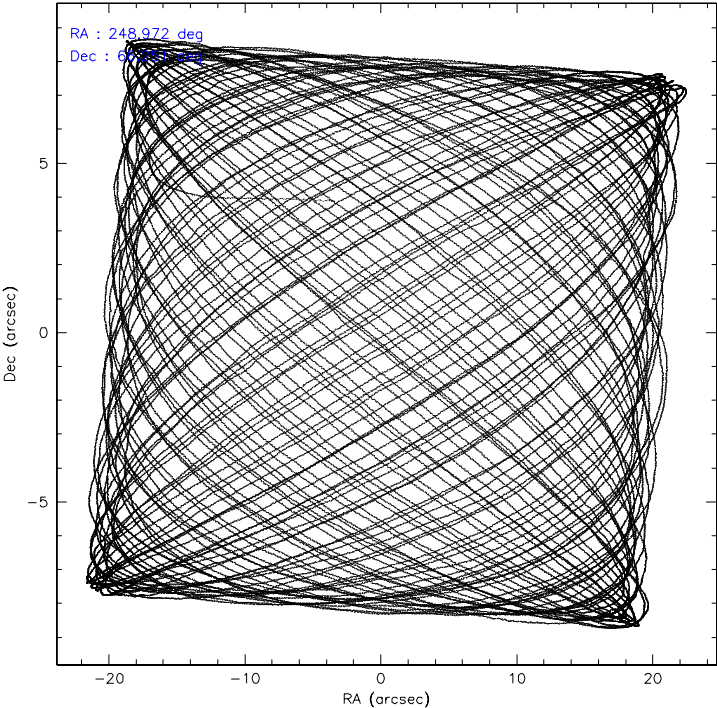
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	331947	300361	322710	316523	317456
rejected events	234628	241057	260764	261936	255726
rejected %	70%	80%	80%	82%	80%

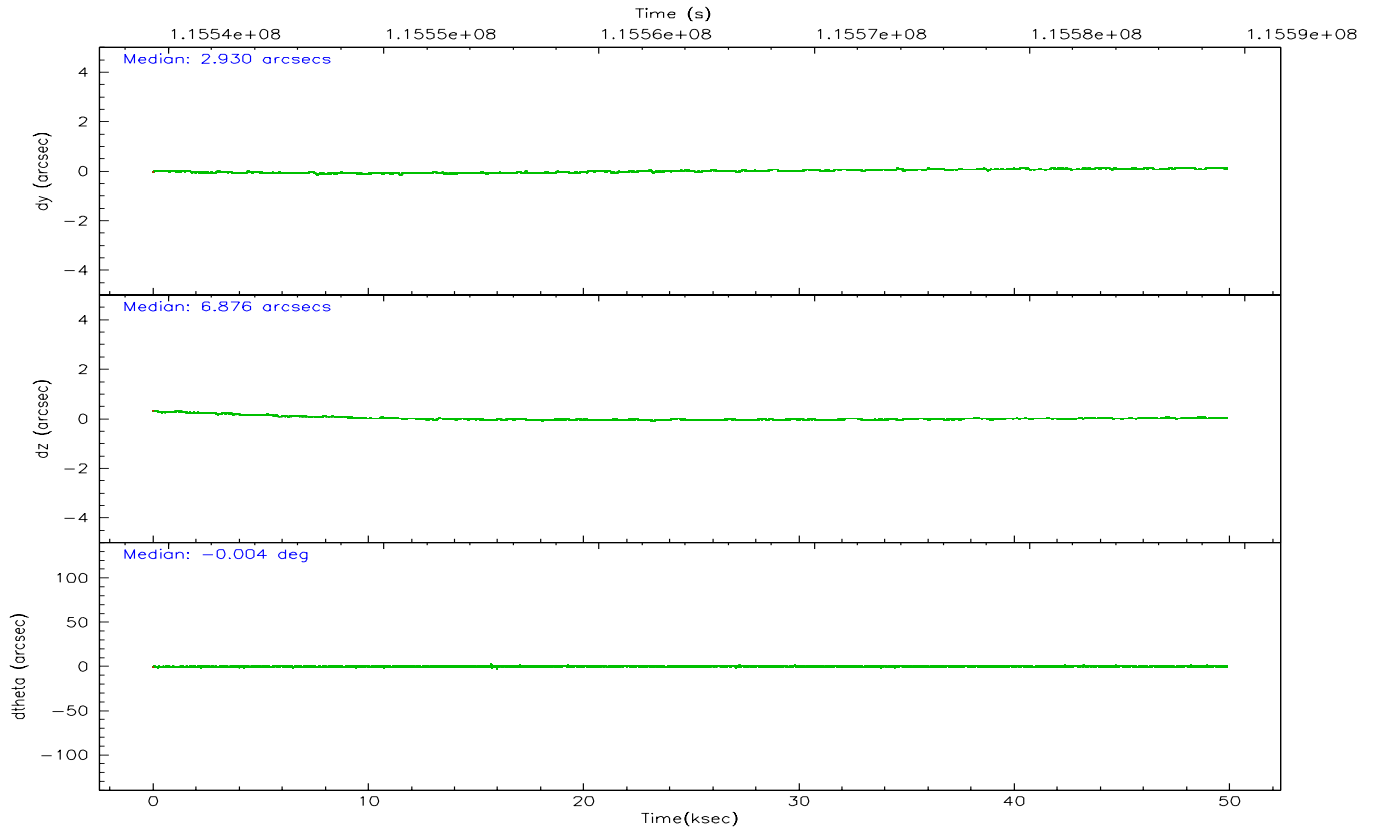
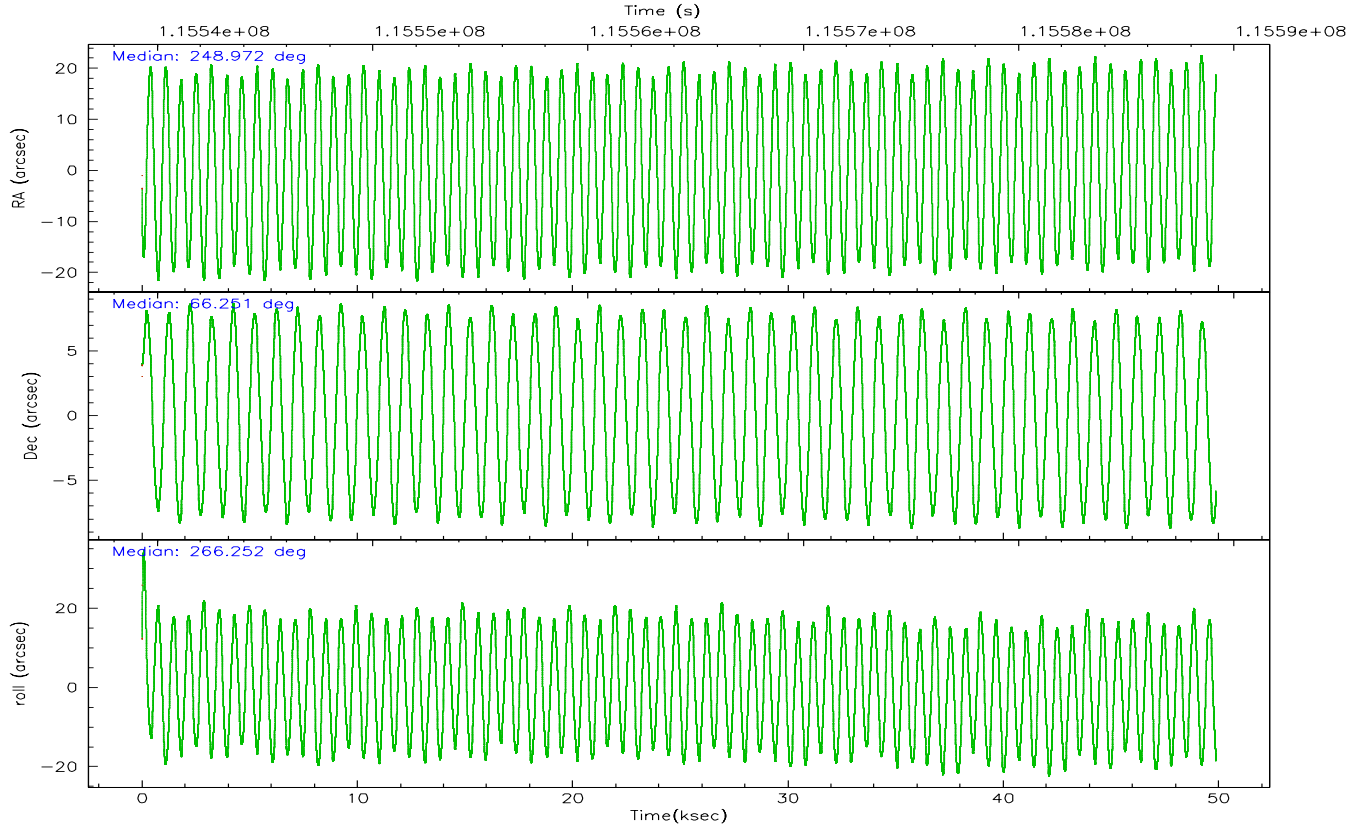
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	63267	30315	34944	28615	33755
	19%	10%	10%	9%	10%
grade 1 events	286	184	196	190	196
	0%	0%	0%	0%	0%
grade 2 events	15923	12445	12175	11252	12274
	4%	4%	3%	3%	3%
grade 3 events	4896	4232	3722	3693	3769
	1%	1%	1%	1%	1%
grade 4 events	4818	4172	3704	3701	3833
	1%	1%	1%	1%	1%
grade 5 events	10798	11516	10219	11603	12029
	3%	3%	3%	3%	3%
grade 6 events	8424	8142	7405	7330	8104
	2%	2%	2%	2%	2%
grade 7 events	223535	229355	250345	250139	243496
	67%	76%	77%	79%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	248.941586	248.9718297577362	Subarray requested	NONE	NONE
Pointing Dec	66.275937	66.25135116992446	Alternating exposures requested	N	N
Pointing Roll	266.078206	266.2592072709931	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-240.592463	-240.5872882603717			
SIM translation stage offset (mm)	7	6.994835257442048			
Observation start time	115540020.184000	115538783.59869			
Observation start date	2001-08-30T06:25:56	2001-08-30T06:06:23			
Observation end time	115589175.184000	115589489.32569			
Observation end date	2001-08-30T20:05:11	2001-08-30T20:11:29			
Read mode	TIMED	TIMED			

2.3 Aspect



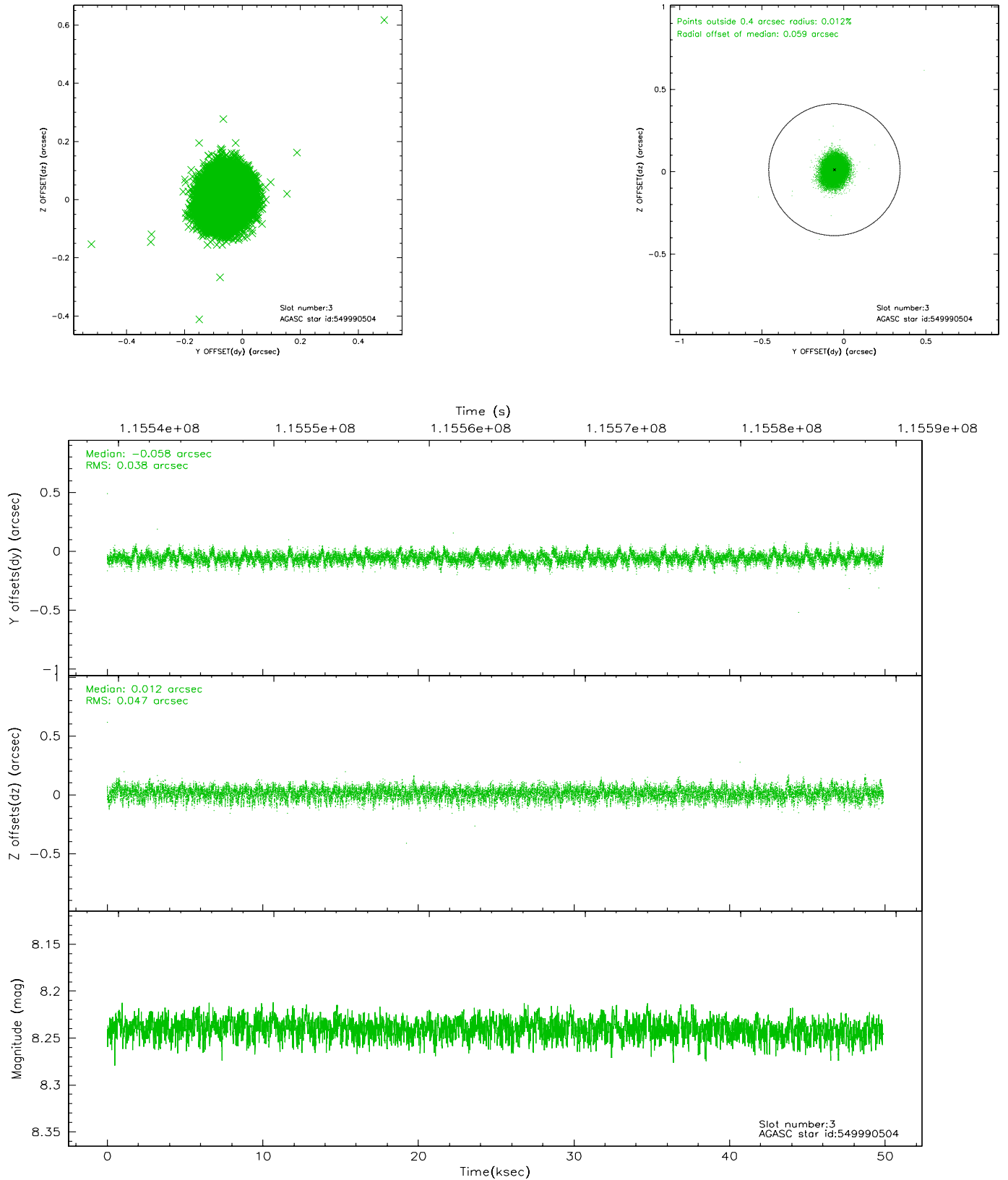


Slot Statistics

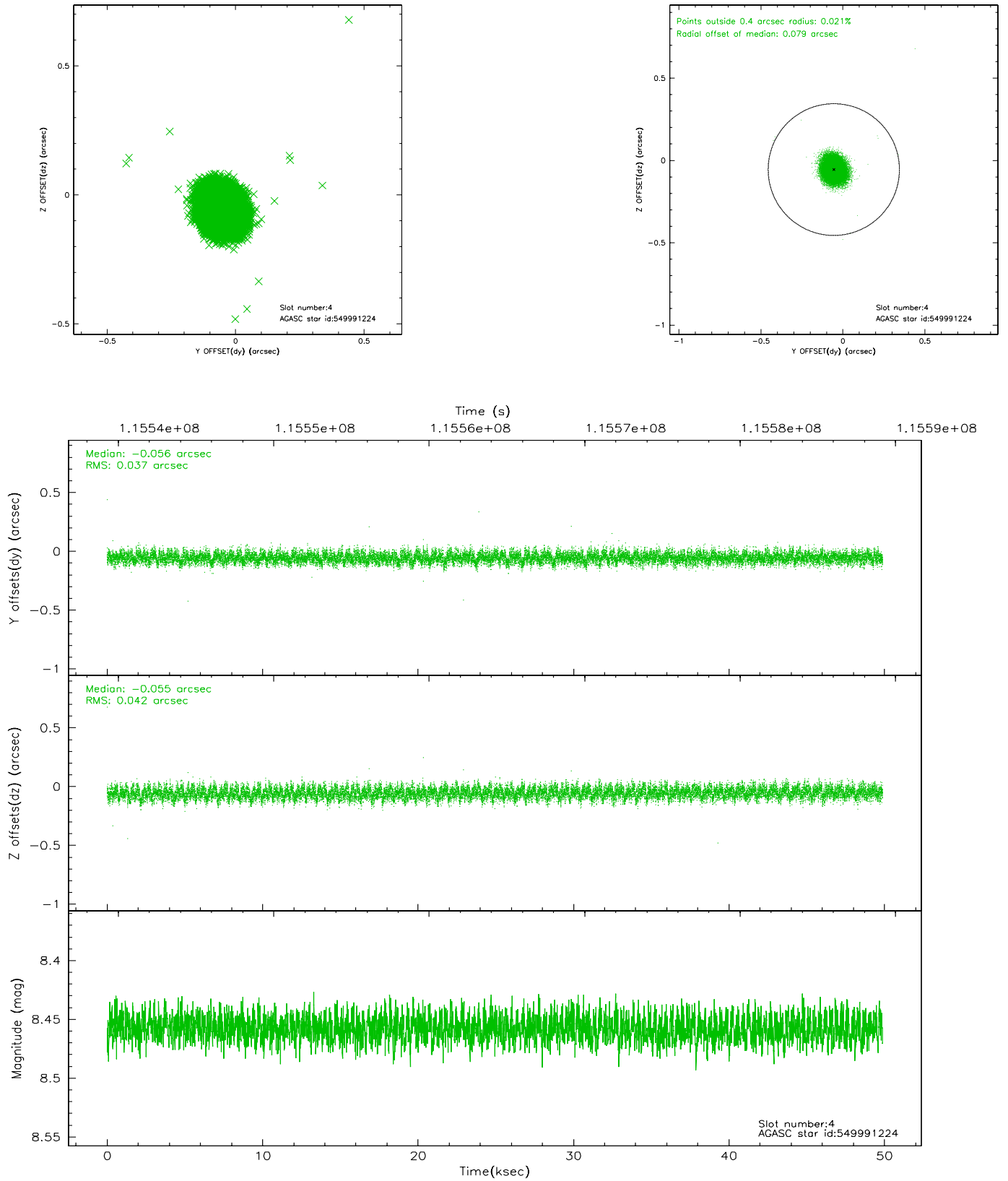
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-3	7.46	12167	-0.022	0.166	0.010	0.023	0.000000	0.000000	54.41	-819.56
1	FID	ACIS-I-5	7.23	12165	-0.031	0.012	0.007	0.013	0.000000	0.000000	-1811.27	1210.95
2	FID	ACIS-I-6	7.25	12165	-0.039	-0.110	0.008	0.017	0.000000	0.000000	402.46	1855.39
3	GUIDE	549990504	8.24	24334	-0.058	0.012	0.064	0.104	248.383682	66.735499	-1599.84	-904.91
4	GUIDE	549991224	8.46	24332	-0.056	-0.055	0.060	0.095	249.498987	66.224682	124.83	819.48
5	GUIDE	549990712	8.83	24198	0.055	0.053	0.074	0.128	248.602605	66.248787	129.83	-483.49
6	GUIDE	549990640	8.76	24330	0.025	-0.005	0.064	0.104	247.861354	66.249817	187.59	-1556.84
7	GUIDE	549990920	9.11	24321	0.035	-0.003	0.078	0.128	249.731920	66.195262	203.81	1165.12

2.4 Star Slots

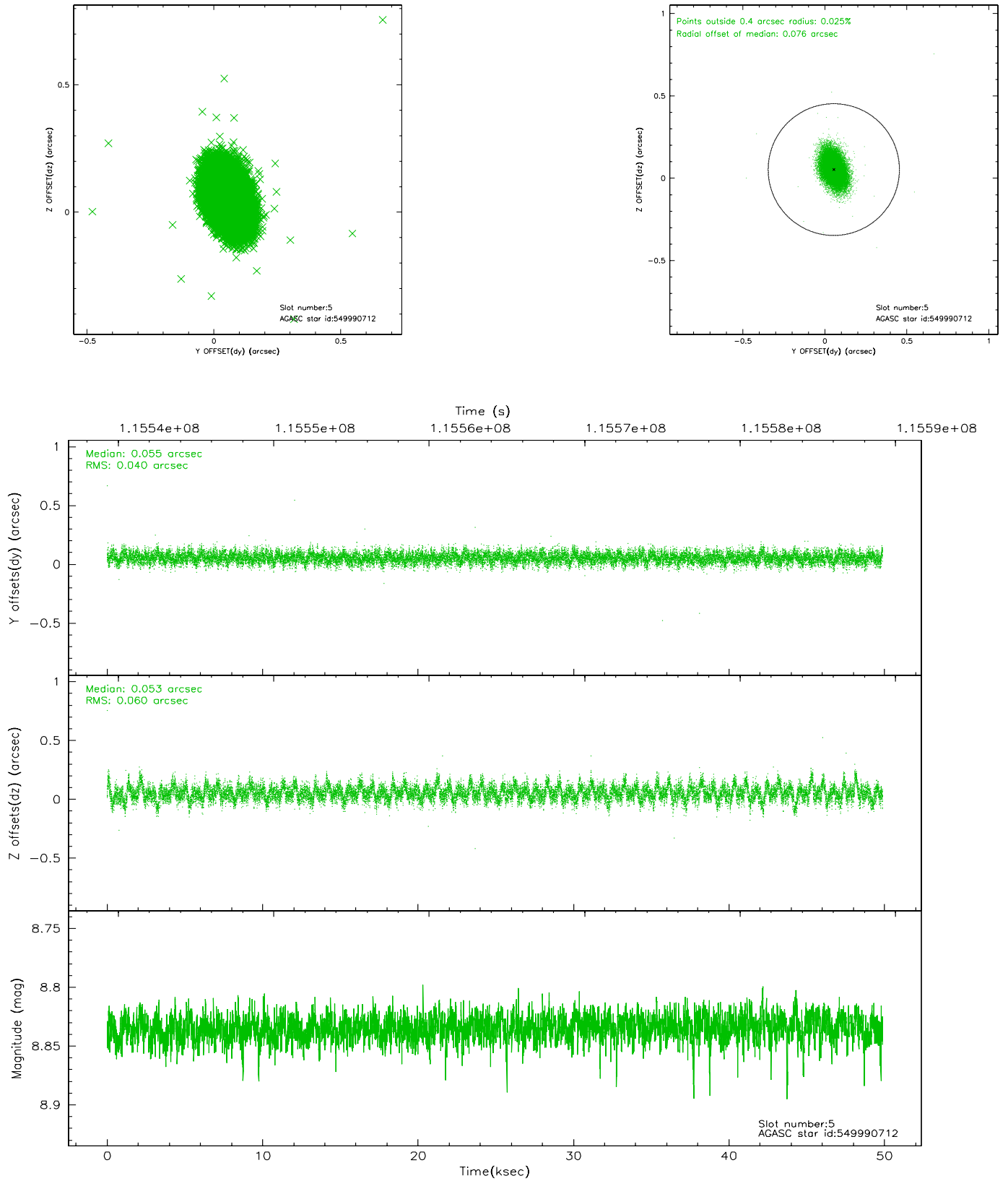
2.4.1 Slot 3



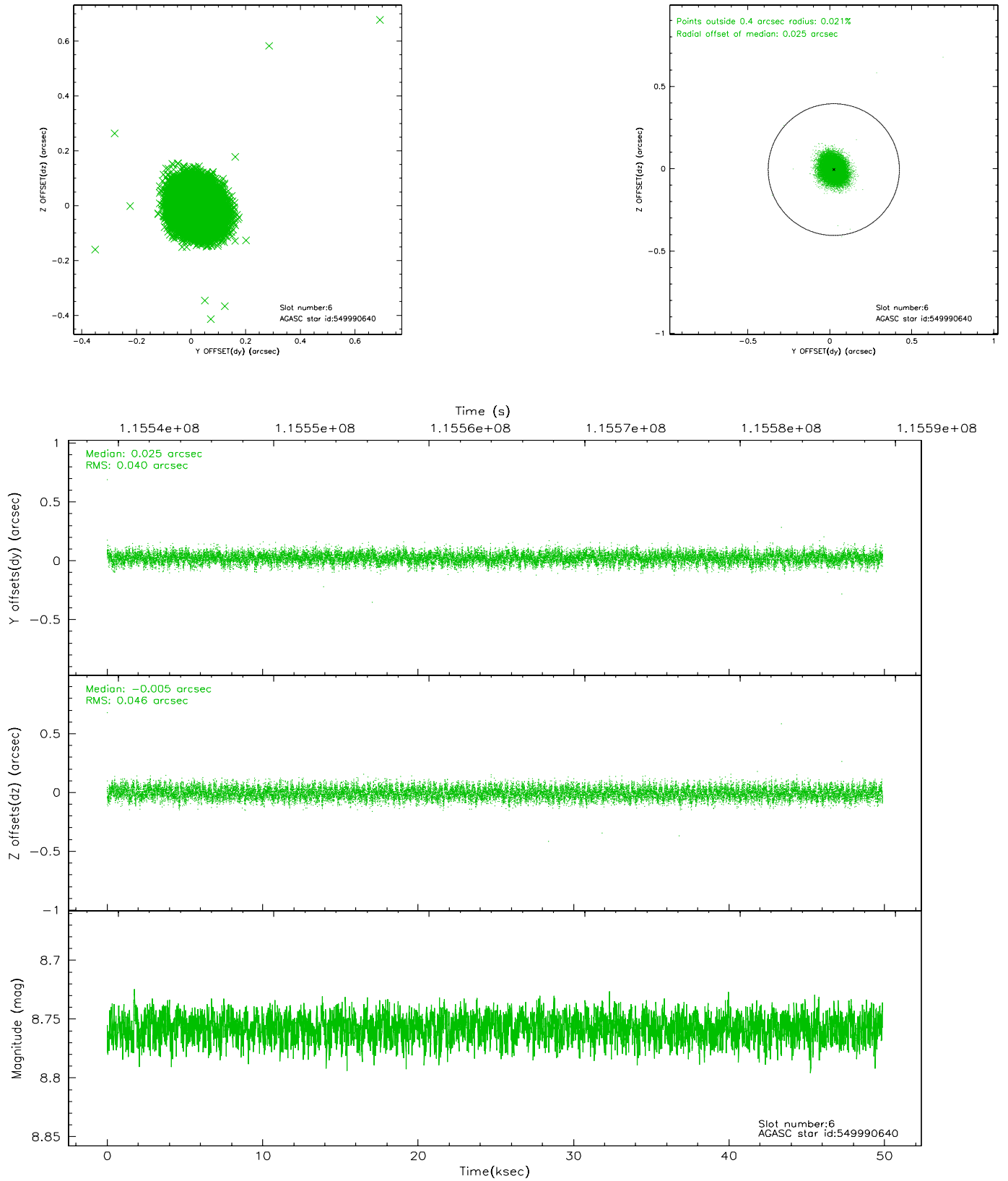
2.4.2 Slot 4



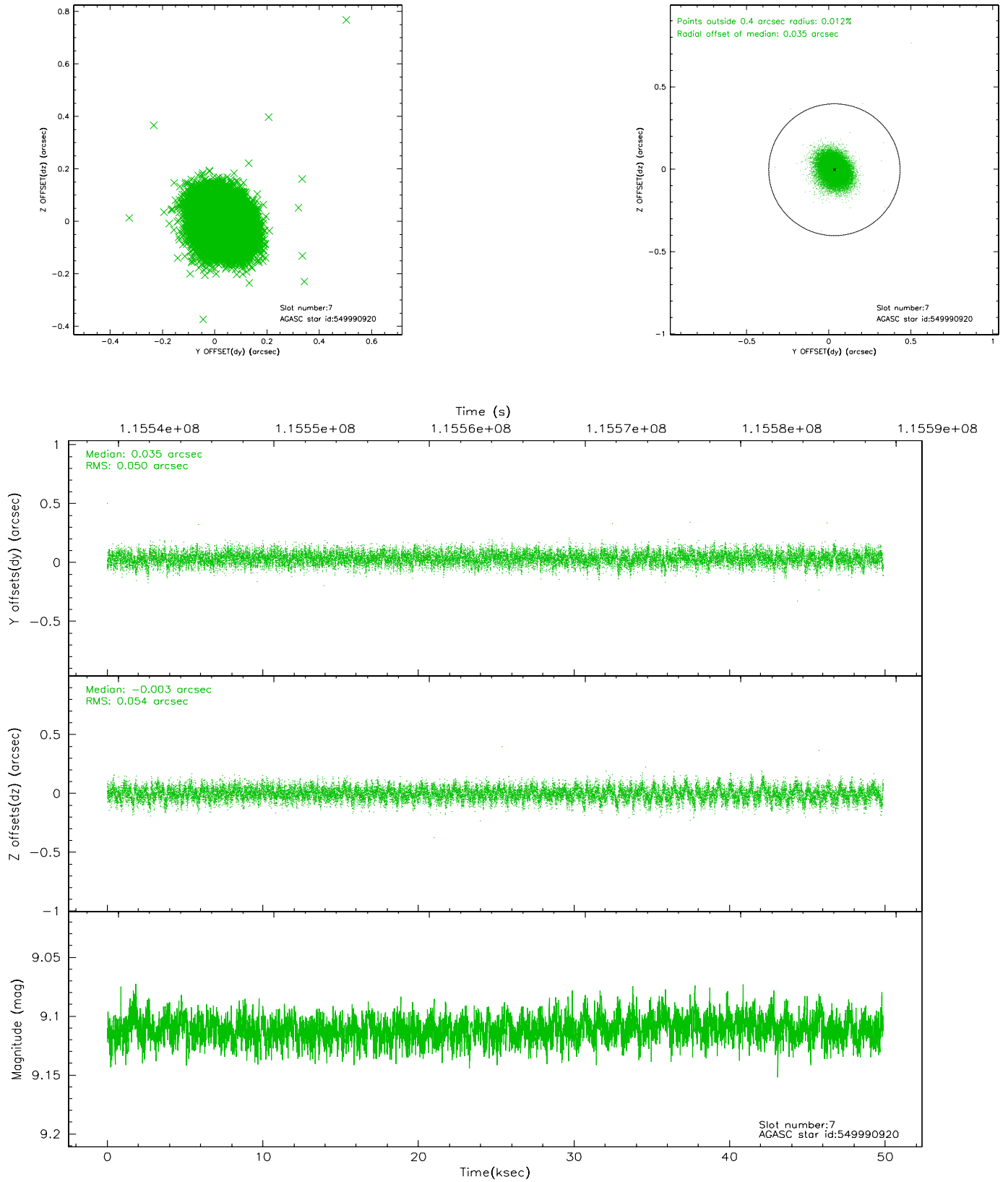
2.4.3 Slot 5



2.4.4 Slot 6

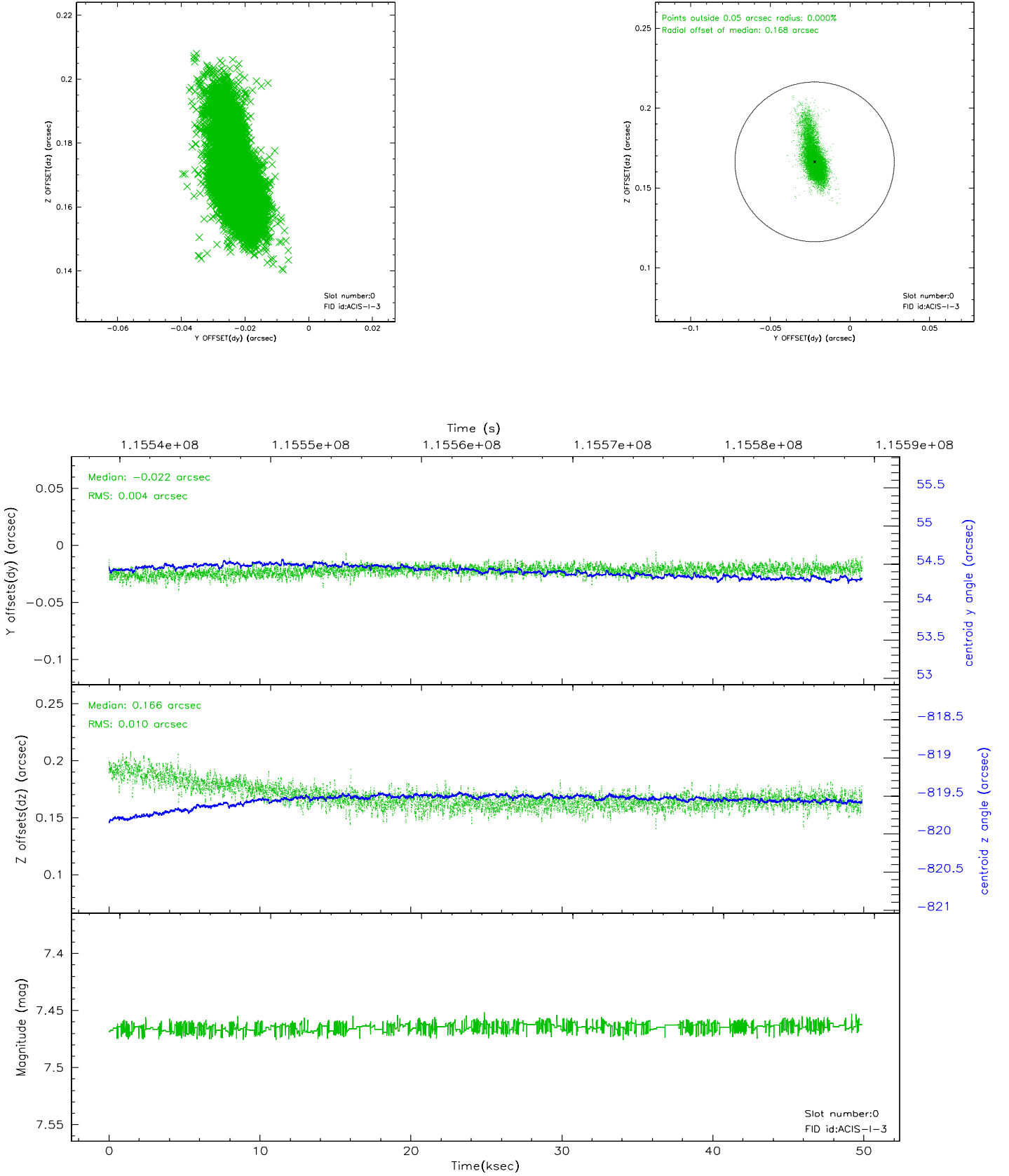


2.4.5 Slot 7

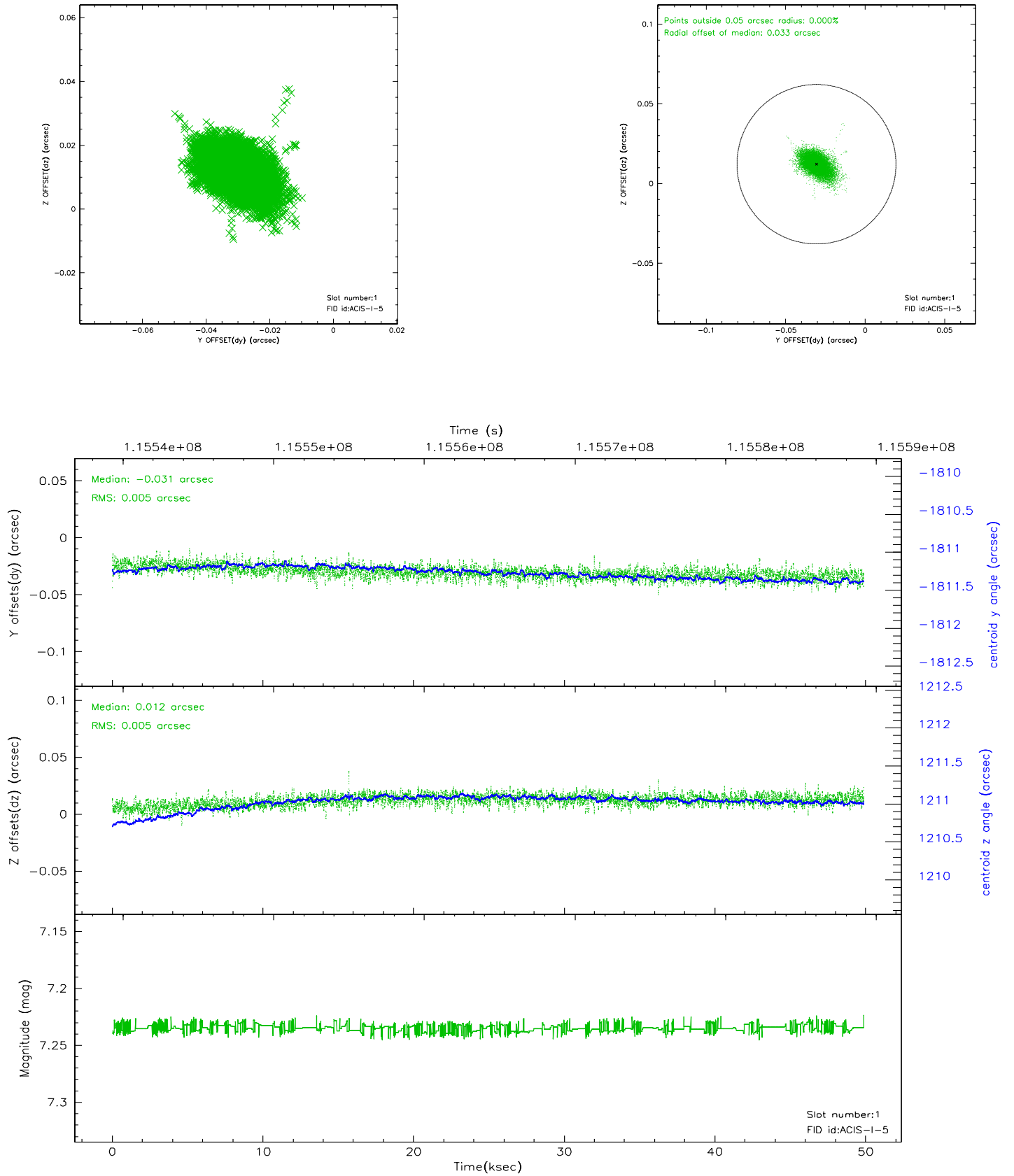


2.5 FID Slots

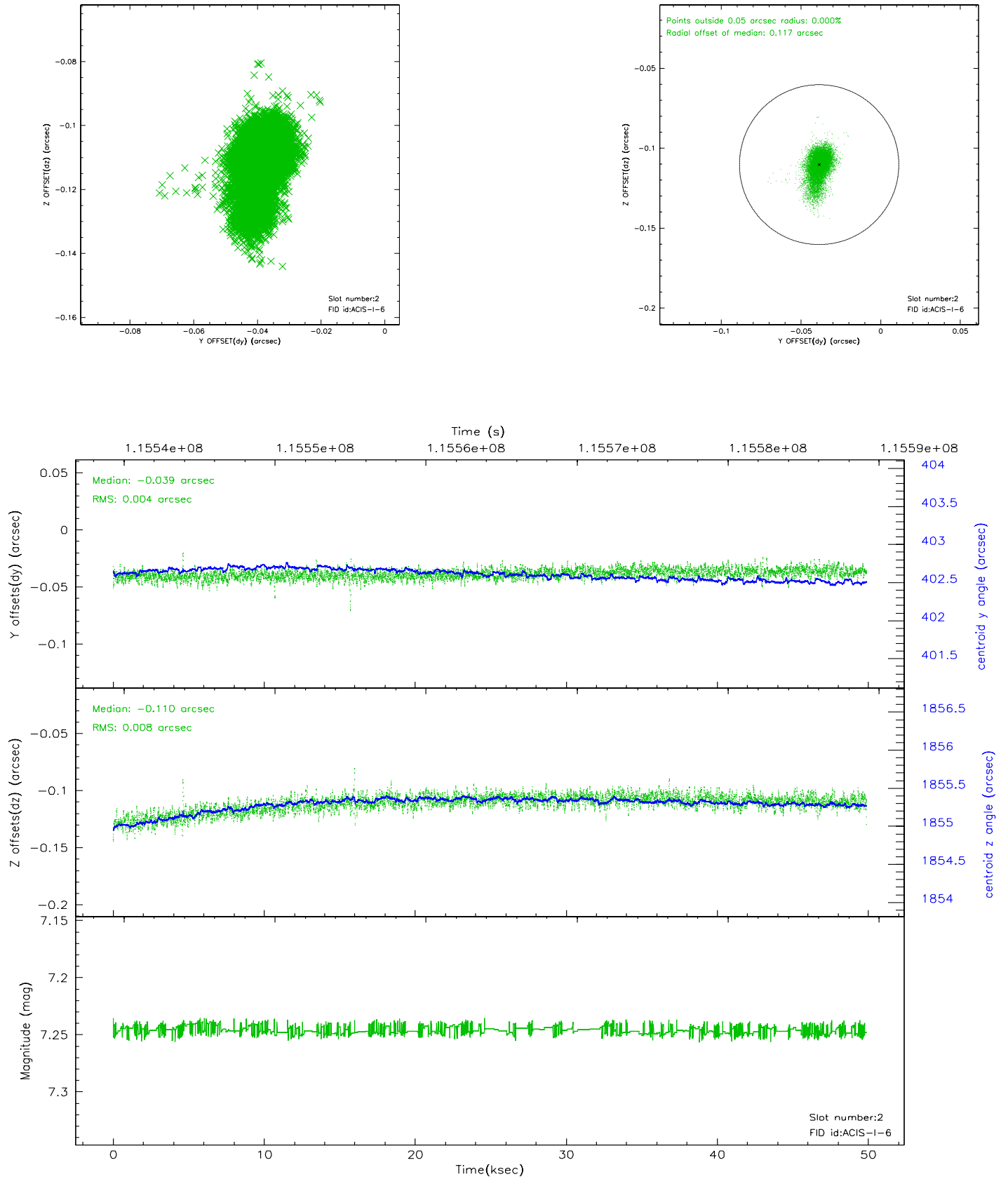
2.5.1 Slot 0



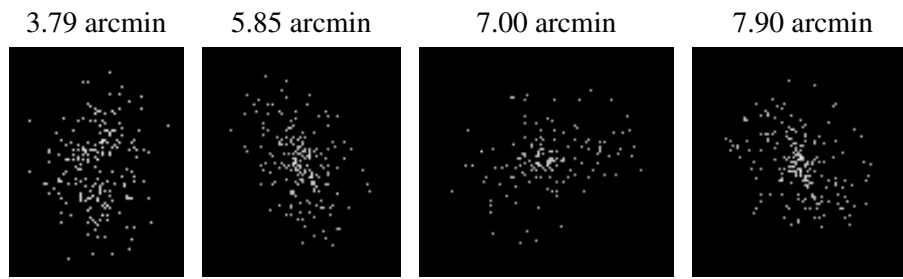
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.243

A.2 Comments