

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4145 - L2 Version 001
Chandra X-Ray Center

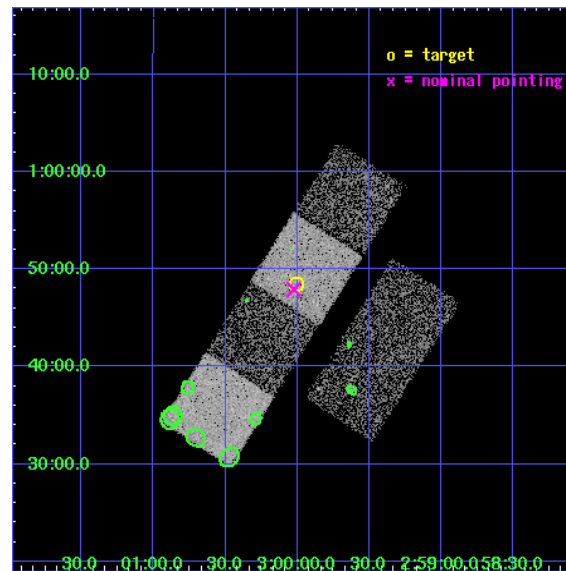
L2 Processing Date : Oct 15 2006

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1 Front

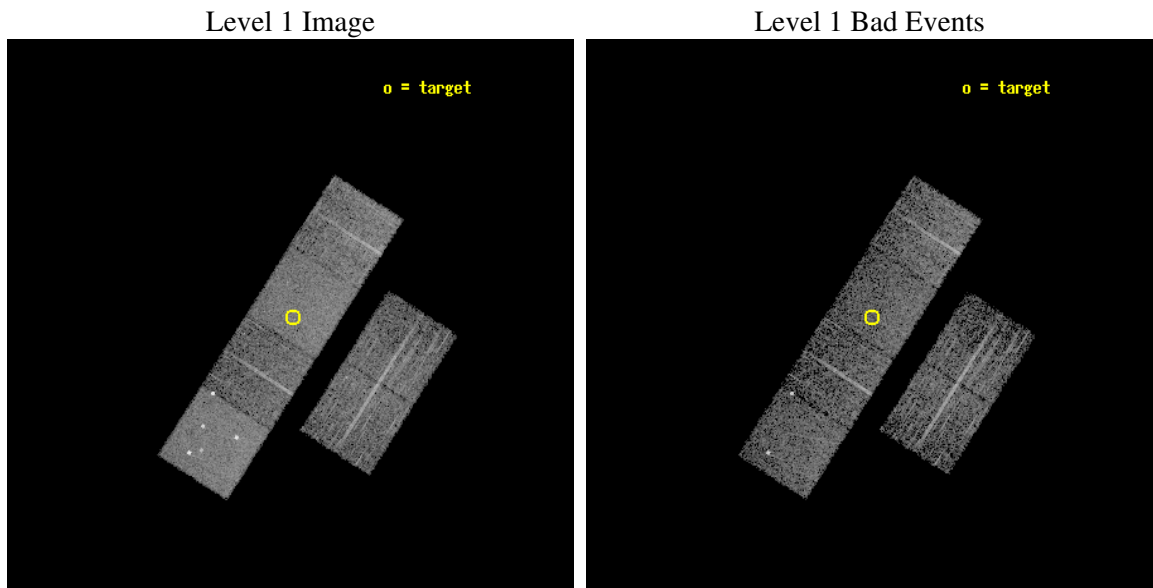
seq_num	700824
obs_id	4145
title	X-RAYS FROM BROAD ABSORPTION LINE QUASARS WITH EXTREME PROPERTIES
observer	Dr. Patrick Hall
object	SDSS J0300+0048
dtcycle	0
cycle	P
ra_targ	45.0025
dec_targ	0.807778
ra_nom	45.006202391105
dec_nom	0.7988296630215
roll_nom	302.54376762387
revision	2
ontime	4719.9999824166
livetime	4660.2325005965
ontime2	4719.9999824166
ontime3	4719.9999824166
ontime5	4719.9999824166
ontime6	4719.9999824166
ontime7	4719.9999824166
ontime8	4713.5044929683
l2events	44415



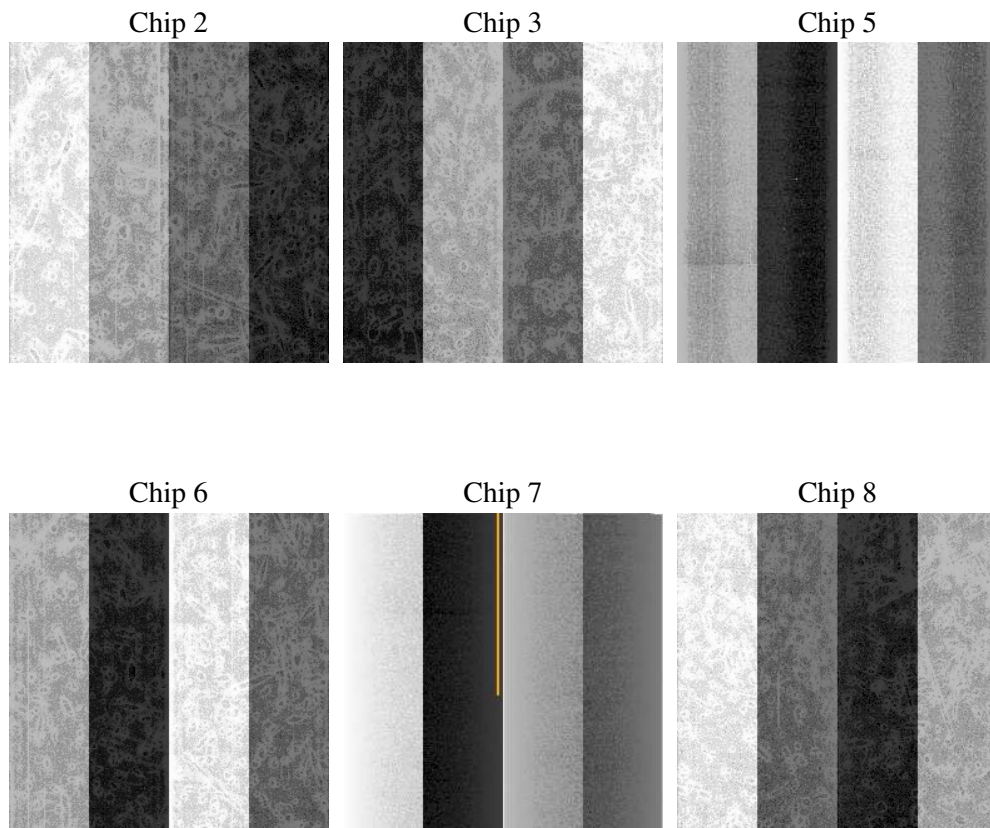
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-15T05:16:26
revision	2

sched_exp_time	4964.000000
ontime	4722.1454468966
ontime2	4722.1454468966
ontime3	4722.1454468966
ontime5	4722.1454468966
ontime6	4722.1454468966
ontime7	4722.1454468966
ontime8	4715.6633768976
l1events	207758

2.1.4 Events

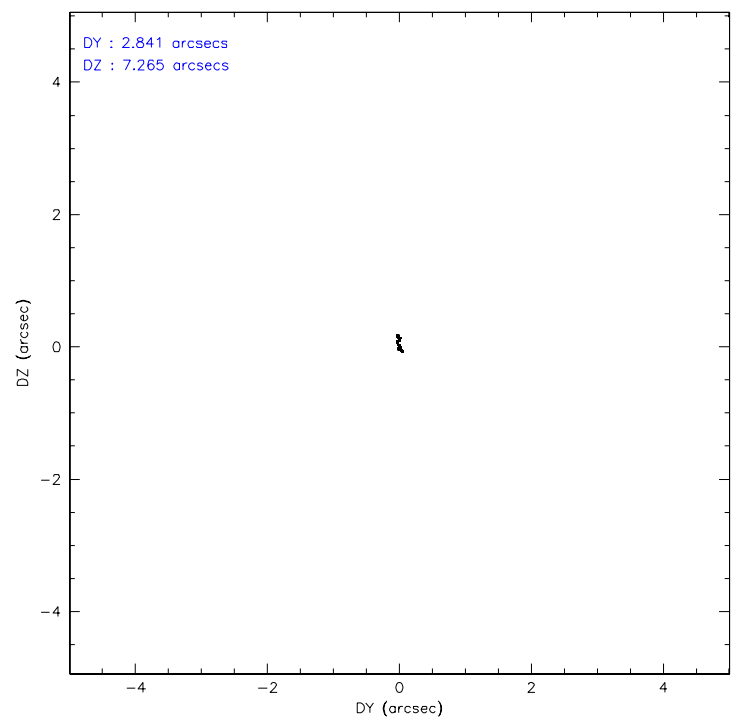
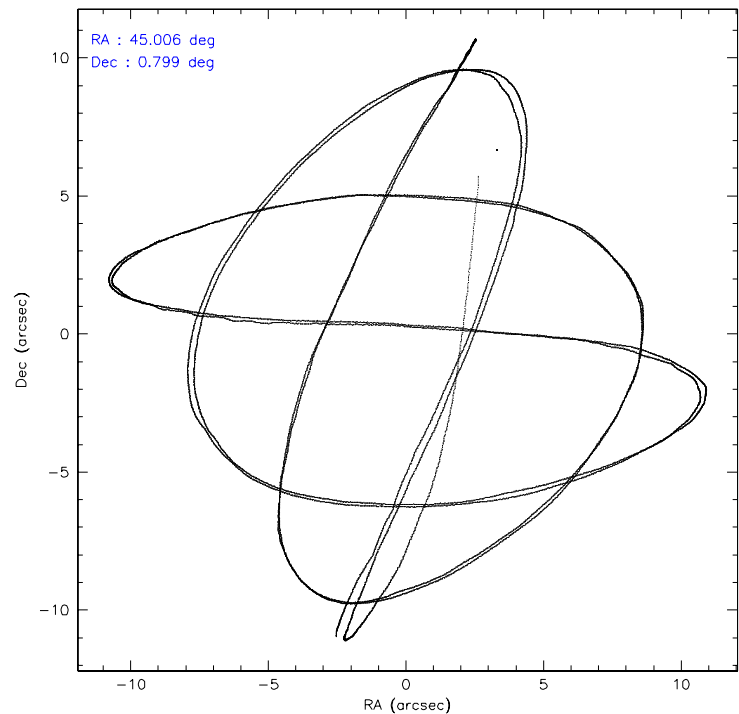
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29533	28014	45778	27316	38900	38217
rejected events	26038	24738	24484	23665	23929	30766
rejected %	88%	88%	53%	86%	61%	80%

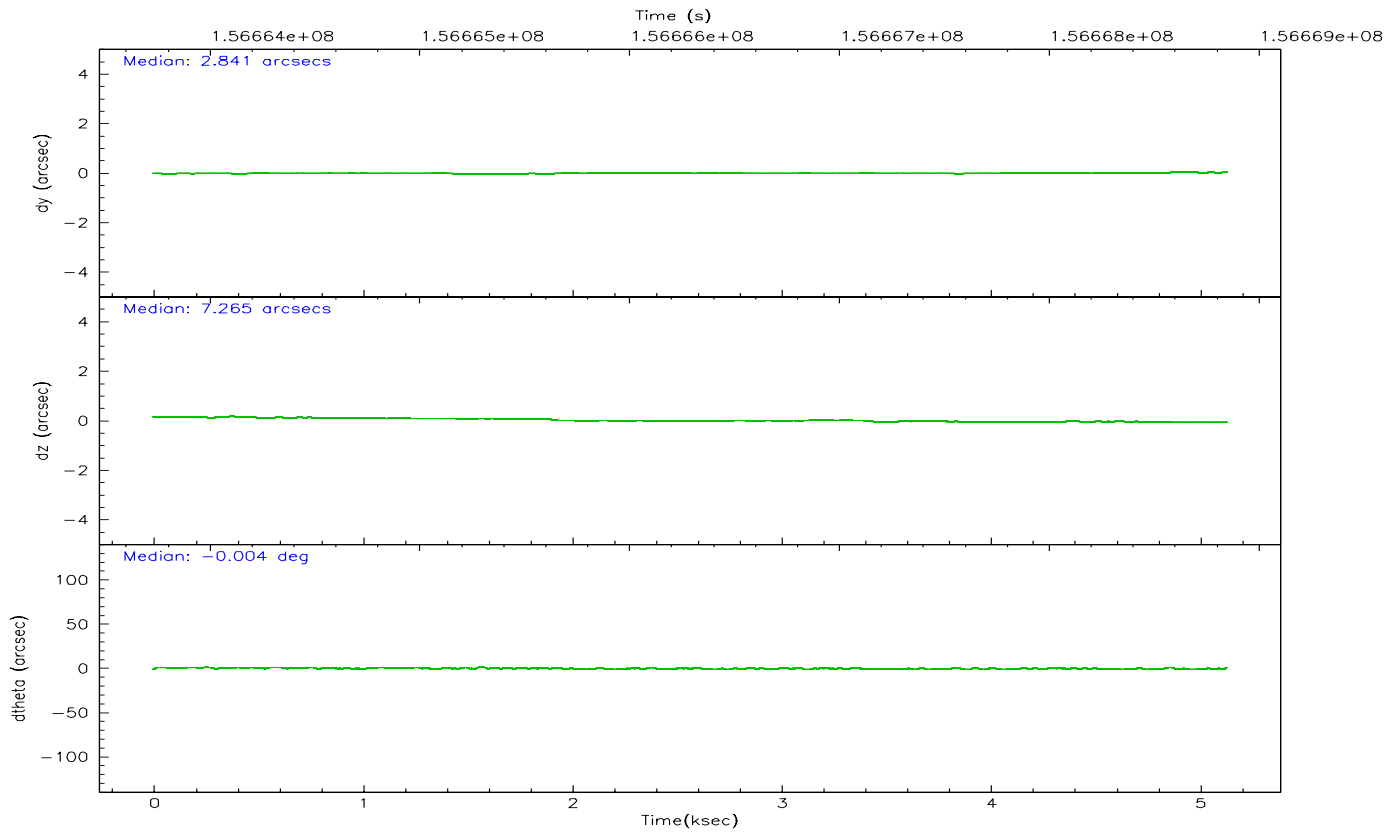
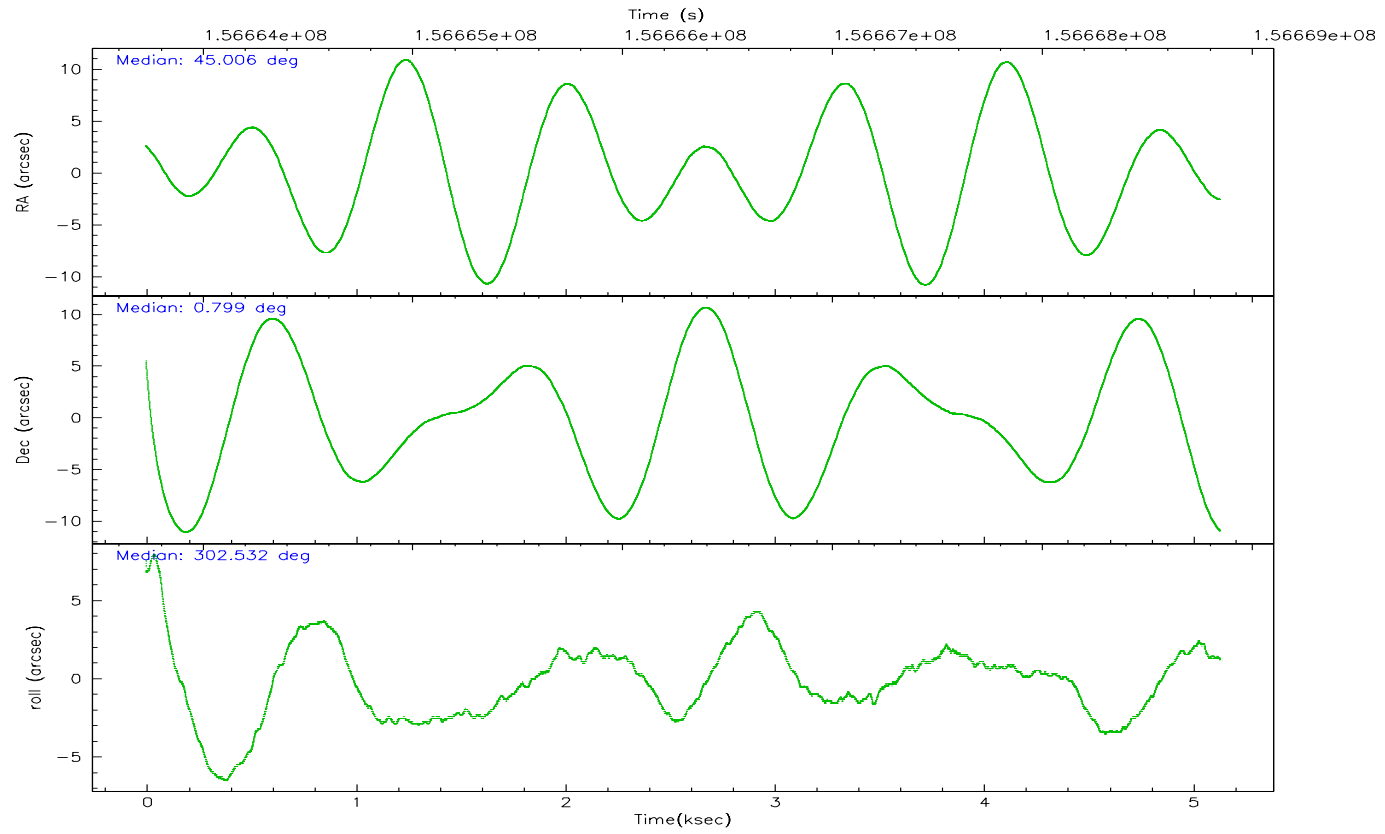
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1636	1430	3509	1492	1135	2386
	5%	5%	7%	5%	2%	6%
grade 1 events	19	18	523	14	15	31
	0%	0%	1%	0%	0%	0%
grade 2 events	700	625	6352	726	3669	1556
	2%	2%	13%	2%	9%	4%
grade 3 events	313	336	471	370	794	886
	1%	1%	1%	1%	2%	2%
grade 4 events	315	350	426	354	778	820
	1%	1%	0%	1%	2%	2%
grade 5 events	1072	1218	2614	1246	2481	1624
	3%	4%	5%	4%	6%	4%
grade 6 events	532	541	10551	711	8603	1804
	1%	1%	23%	2%	22%	4%
grade 7 events	24946	23496	21332	22403	21425	29110
	84%	83%	46%	82%	55%	76%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	44.981861	45.00620239110486	Subarray requested	NONE	NONE
Pointing Dec	0.811069	0.7988296630214977	Alternating exposures requested	N	N
Pointing Roll	302.387475	302.5437676238745	Primary exposure time	0.000000	3.2
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	156663890.184000	156662853.32118			
Observation start date	2002-12-19T05:43:46	2002-12-19T05:27:33			
Observation end time	156668854.184000	156669596.79646			
Observation end date	2002-12-19T07:06:30	2002-12-19T07:19:56			
Read mode	TIMED	TIMED			

2.3 Aspect



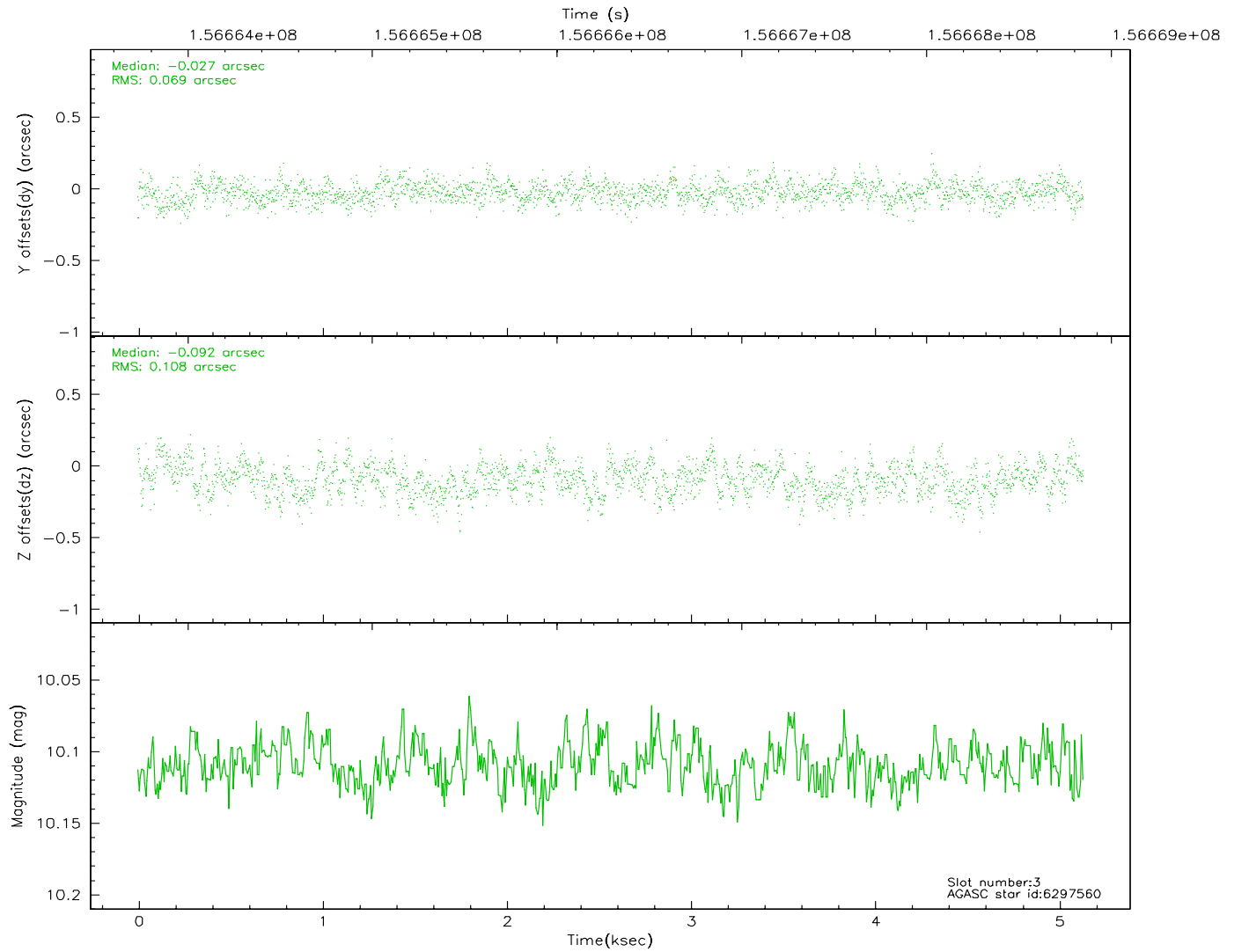
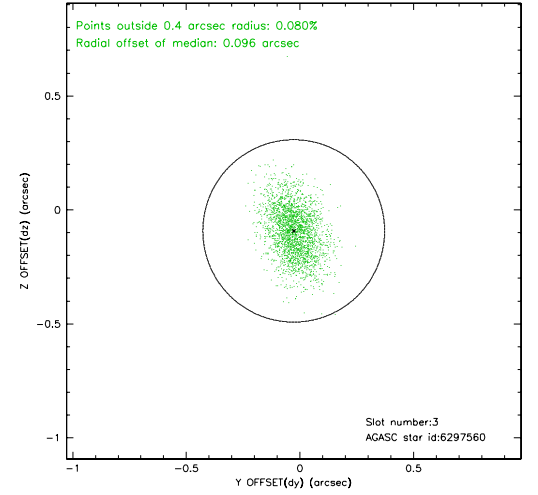
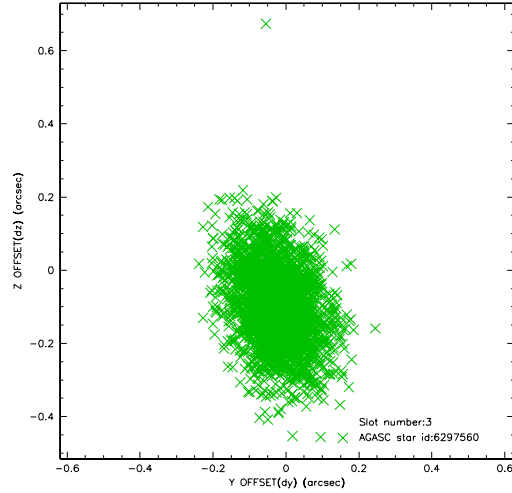


Slot Statistics

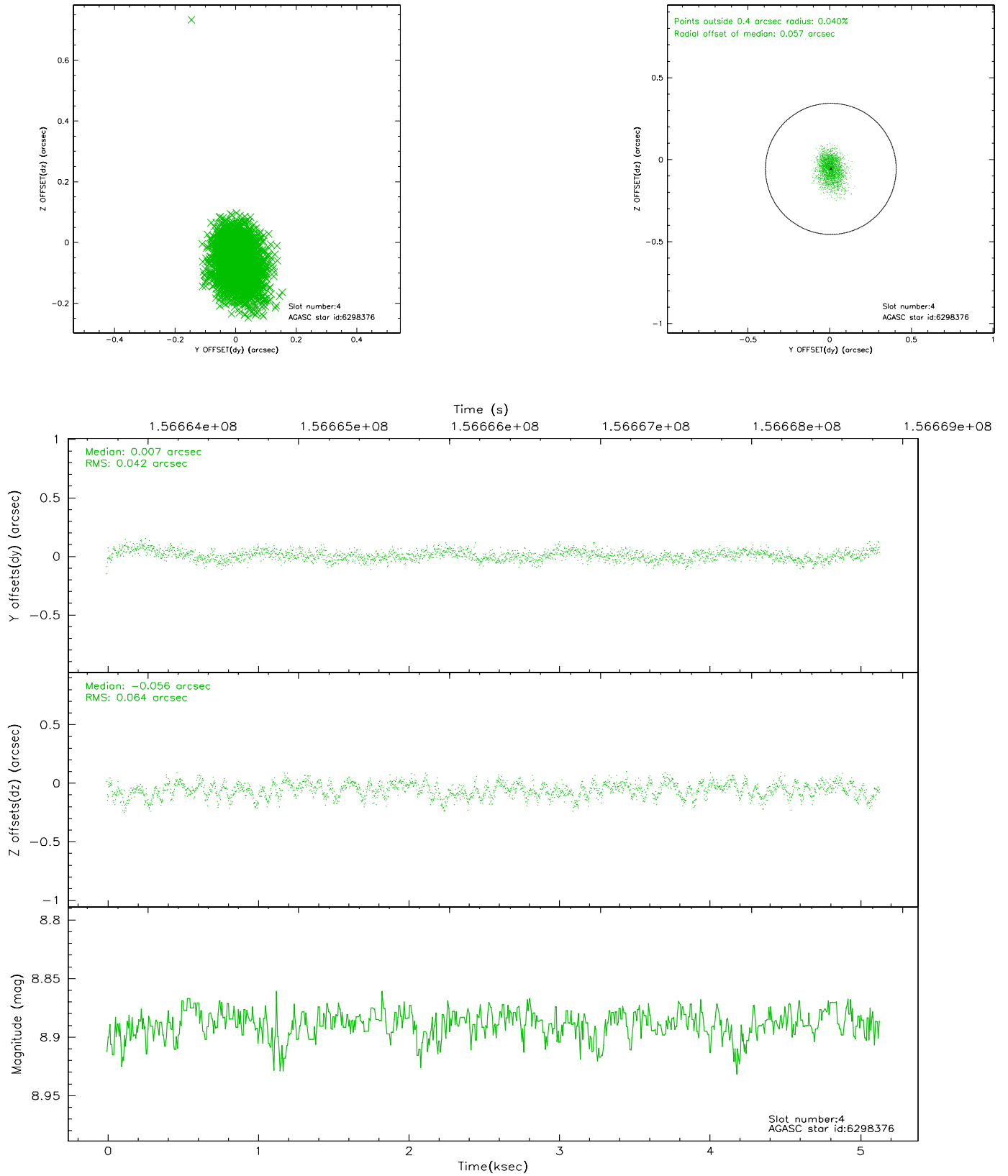
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1252	-0.008	0.020	0.007	0.012	0.000000	0.000000	-755.49	-1728.45
1	FID	ACIS-S-4	7.20	1252	-0.045	-0.002	0.005	0.008	0.000000	0.000000	2157.22	178.79
2	FID	ACIS-S-5	7.24	1253	0.021	-0.010	0.006	0.010	0.000000	0.000000	-1806.78	173.80
3	GUIDE	6297560	10.11	2502	-0.027	-0.092	0.134	0.224	44.414470	0.567597	-353.00	-2194.23
4	GUIDE	6298376	8.89	2505	0.007	-0.056	0.079	0.130	44.619497	0.437243	438.47	-1823.53
5	GUIDE	7212976	7.73	2505	-0.009	0.130	0.058	0.098	45.356360	1.156178	-326.83	1802.82
6	GUIDE	6300784	9.05	2503	-0.038	-0.073	0.070	0.112	44.819835	1.244580	-1629.89	343.57
7	GUIDE	7217104	9.08	2501	0.067	0.101	0.085	0.140	45.195934	0.993408	-141.72	1002.23

2.4 Star Slots

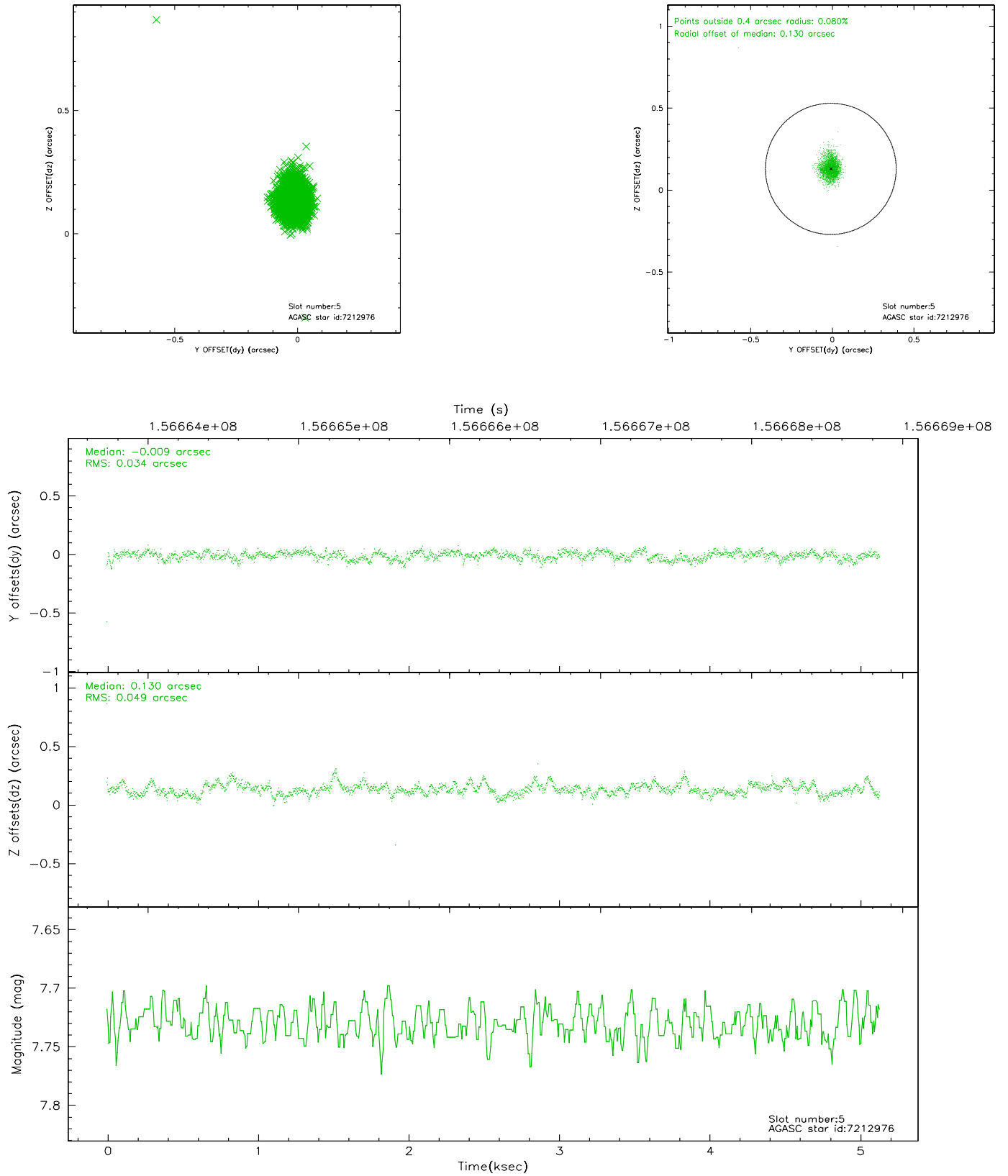
2.4.1 Slot 3



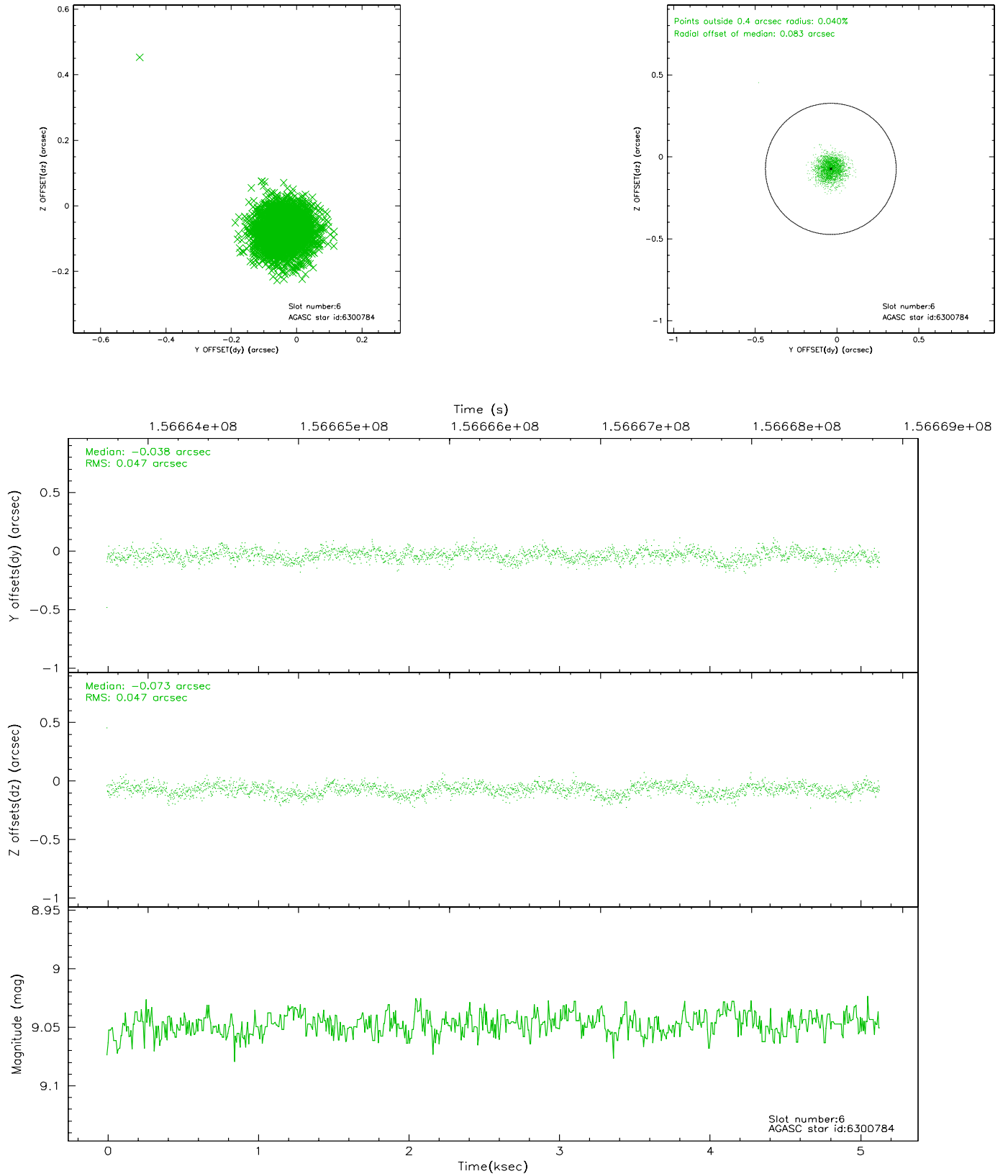
2.4.2 Slot 4



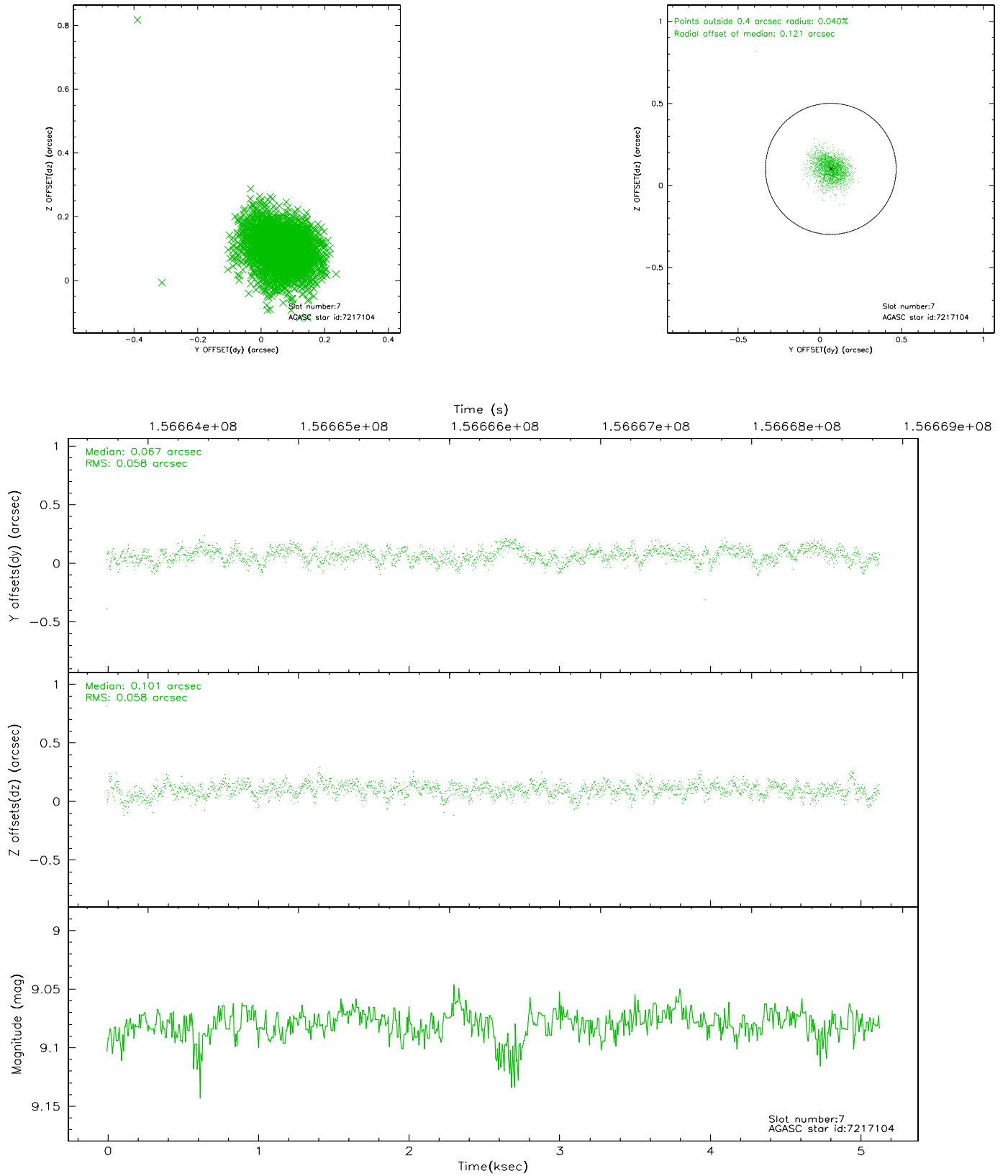
2.4.3 Slot 5



2.4.4 Slot 6

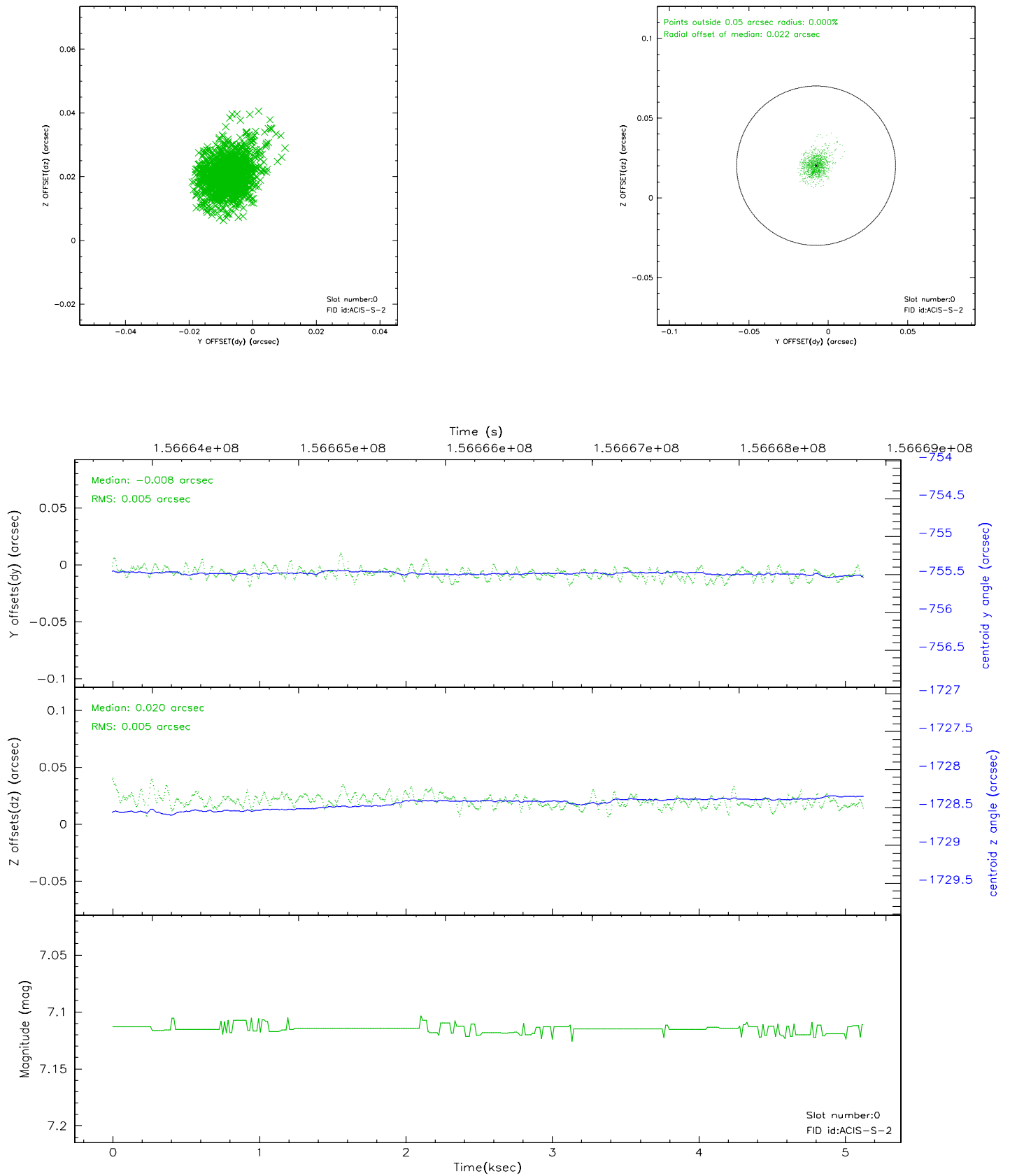


2.4.5 Slot 7

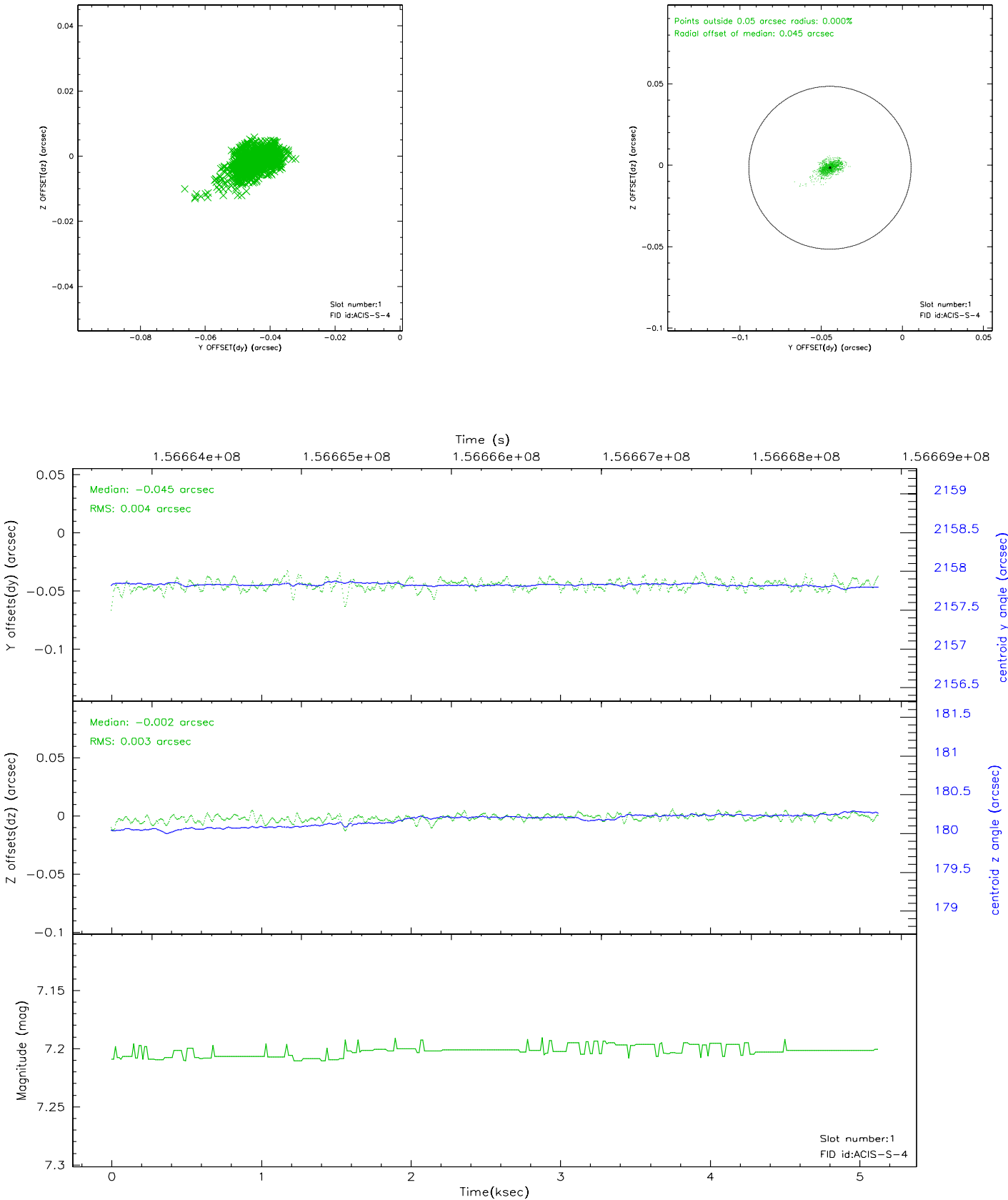


2.5 FID Slots

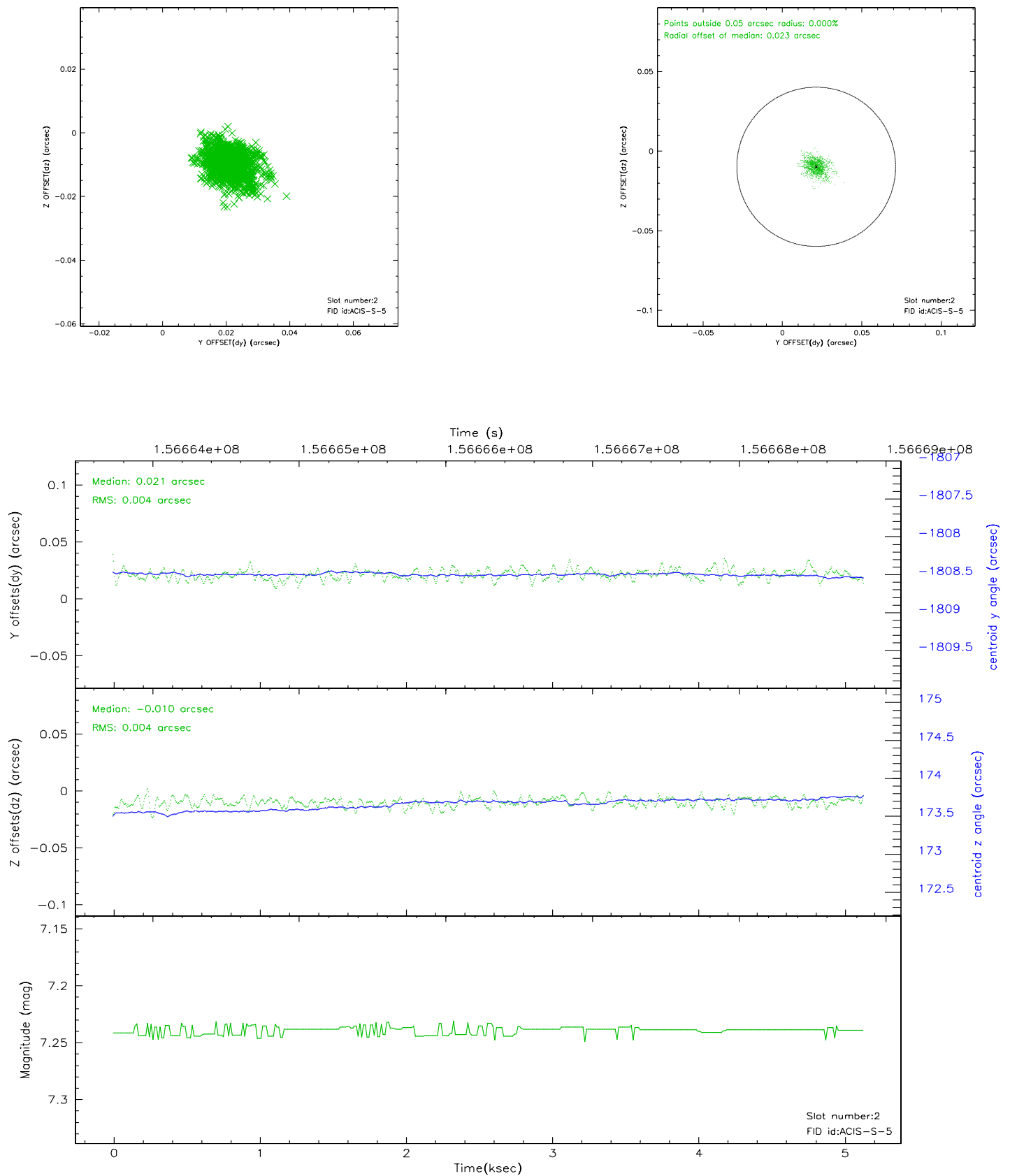
2.5.1 Slot 0



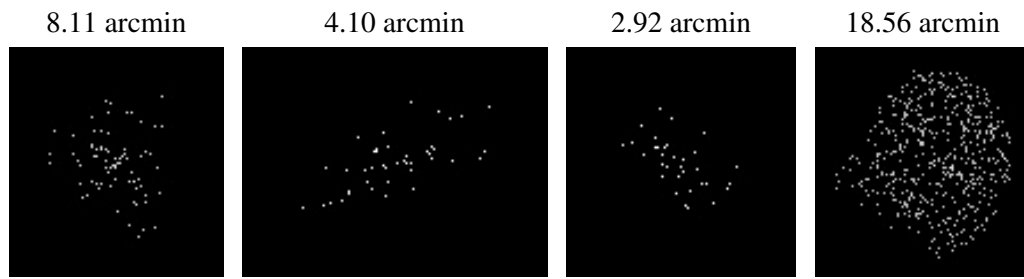
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.719

A.2 Comments