

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4347 - L2 Version 001
Chandra X-Ray Center

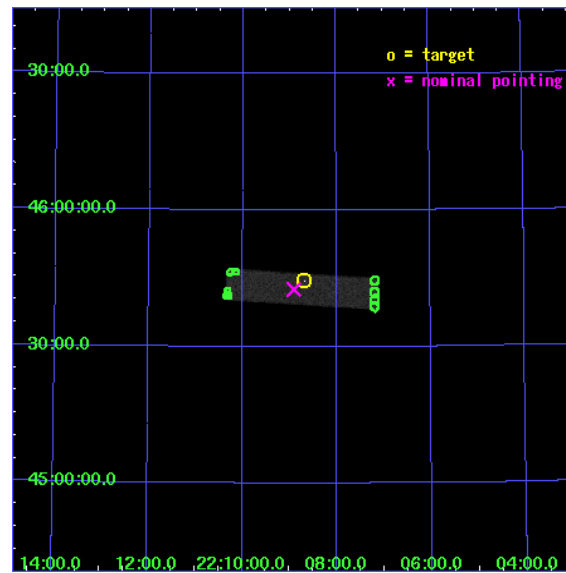
L2 Processing Date : Jul 27 2006

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1 Front

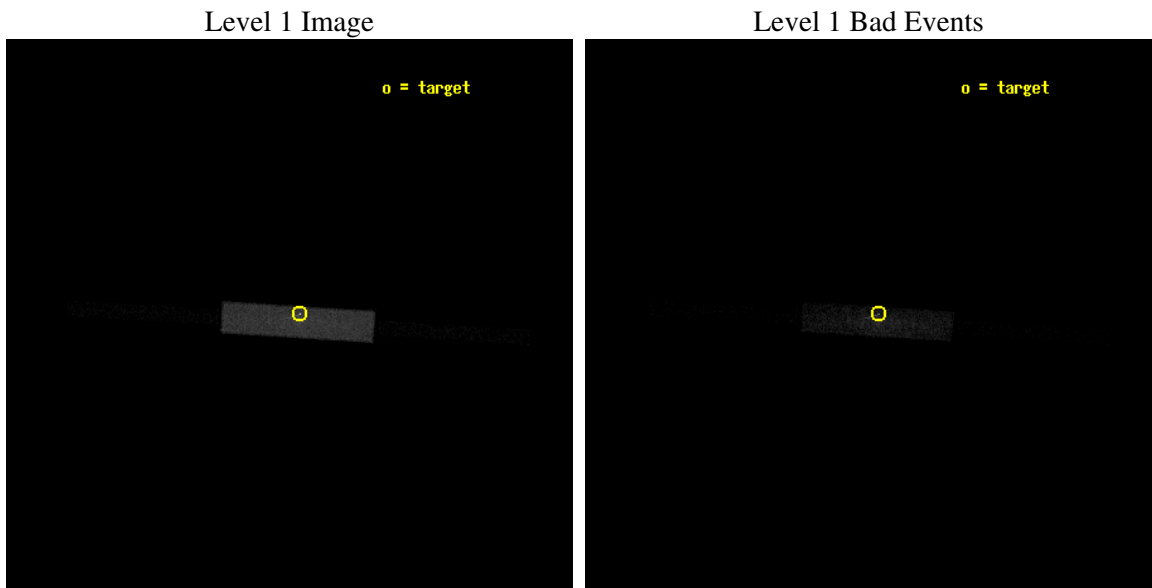
seq_num	290307
obs_id	4347
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.22672363214
dec_nom	45.710151844696
roll_nom	3.5490197015868
revision	2
ontime	1142.1062980592
livetime	1136.254352461
l2events	38401



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-27T21:52:02
revision	2

sched_exp_time	1000.000000
ontime	1181.8250497282
l1events	69099

2.1.3 Events

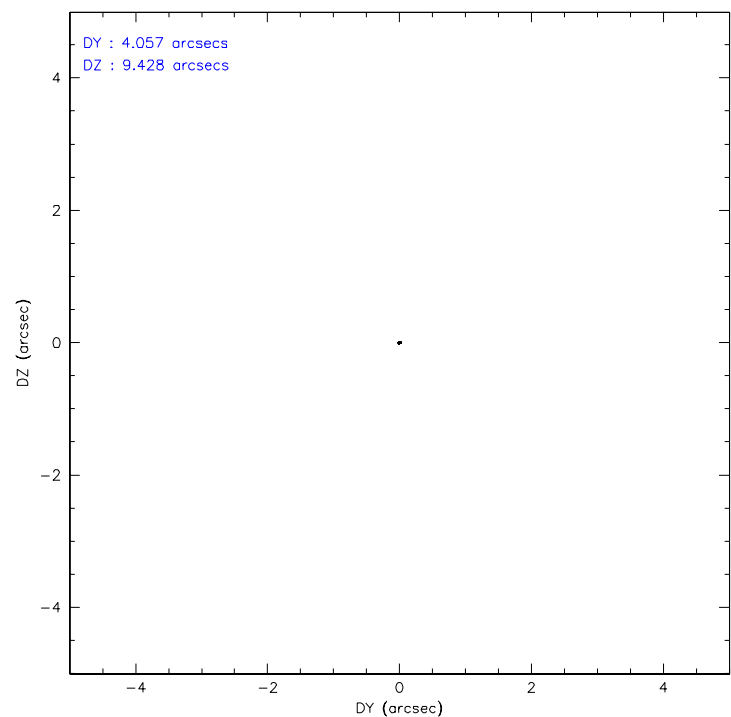
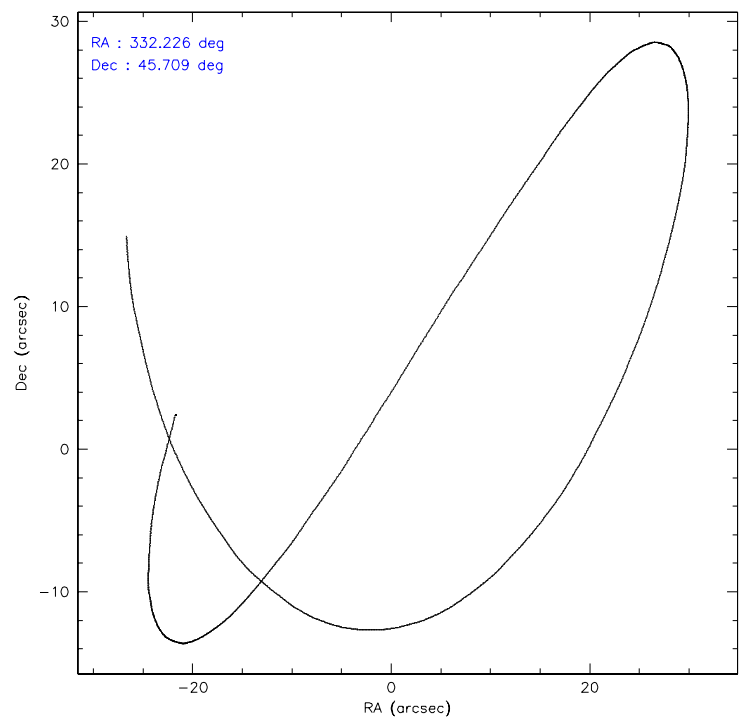
Level 1 Events

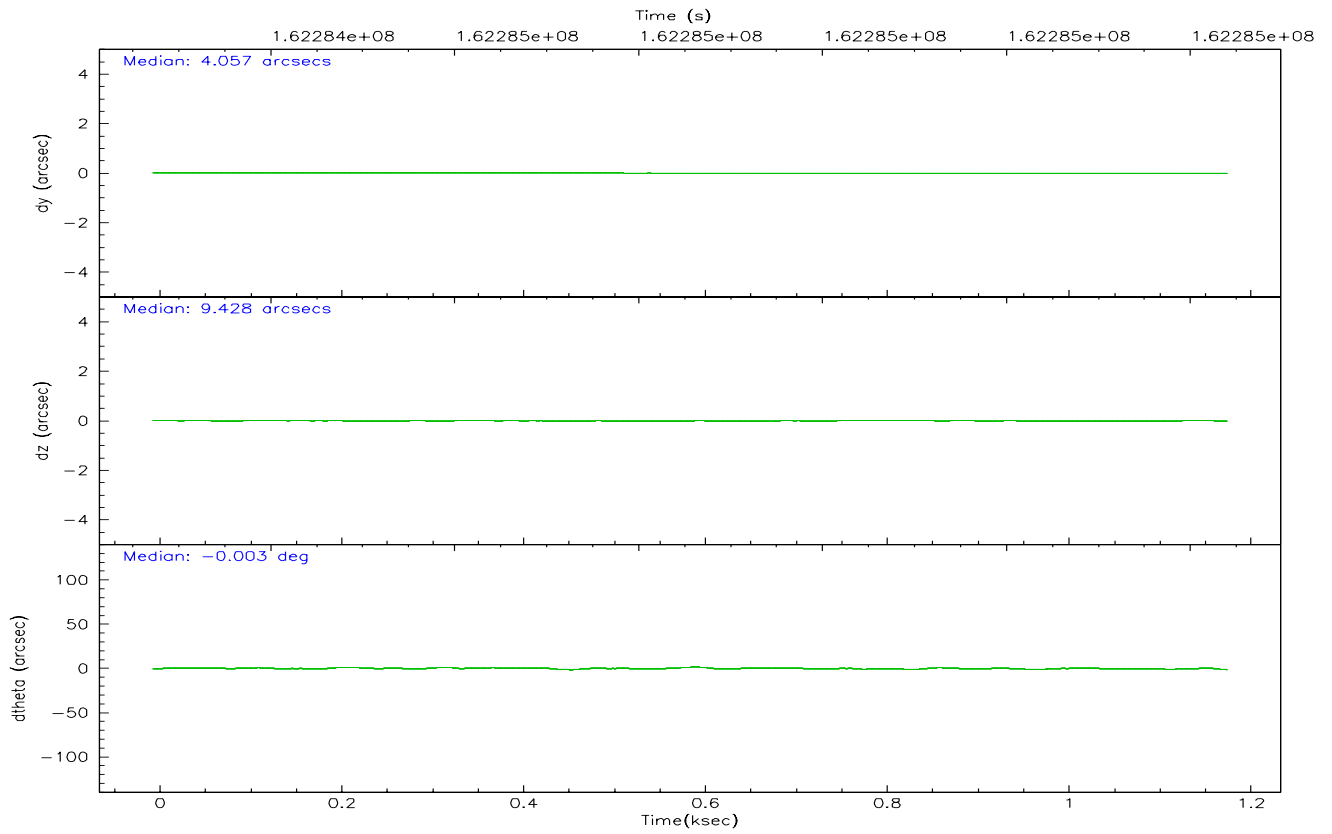
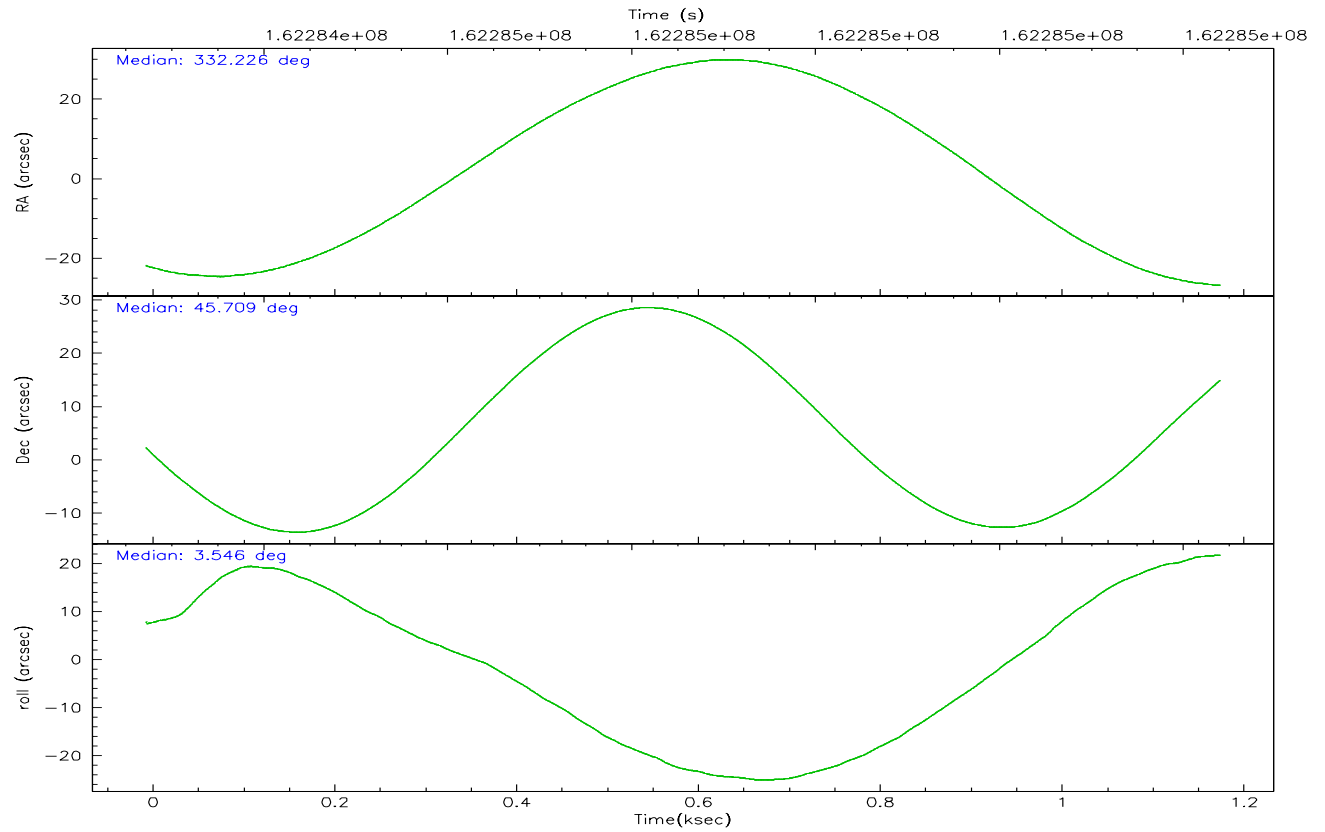
	segment 1	segment 2	segment 3
level 1 events	1395	66400	1304
rejected events	1395	25245	1304
rejected %	100%	38%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.194310	332.2267236321364			
Pointing Dec	45.694259	45.71015184469599			
Pointing Roll	3.504970	3.54901970158679			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	162284445.184000	162284069.89416			
Observation start date	2003-02-22T06:59:41	2003-02-22T06:54:29			
Observation end time	162285445.184000	162285579.71922			
Observation end date	2003-02-22T07:16:21	2003-02-22T07:19:39			

2.3 Aspect



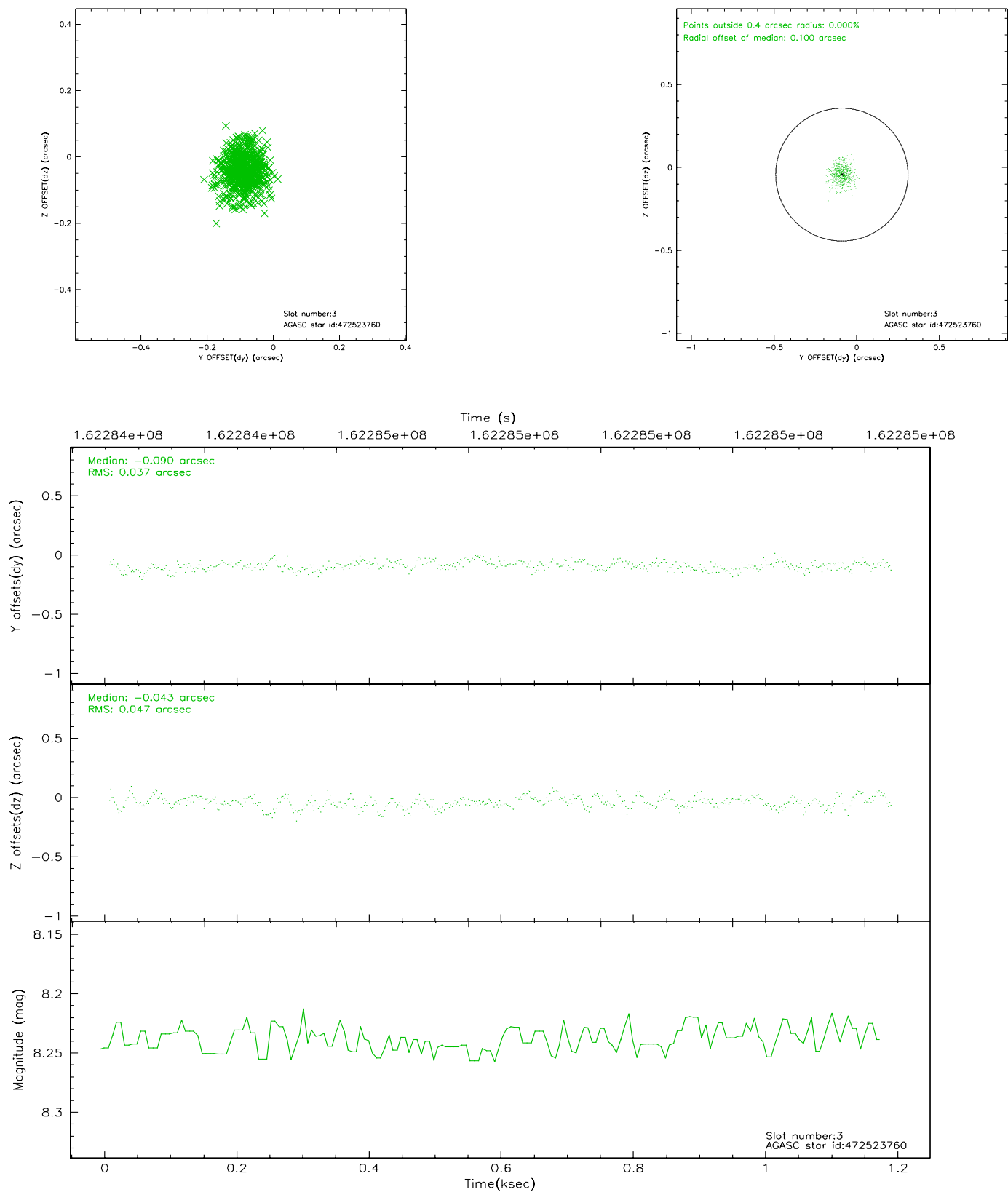


Slot Statistics

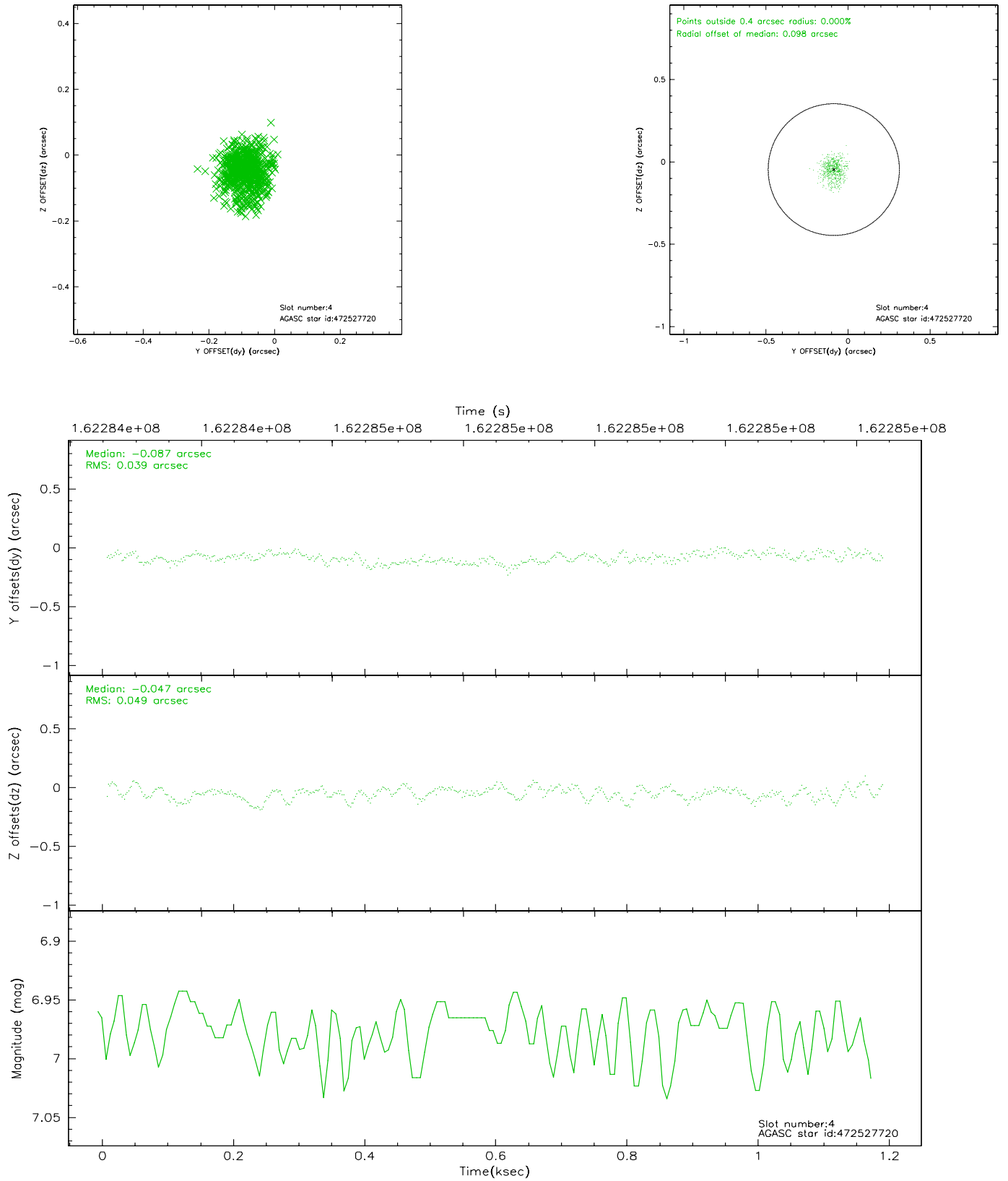
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	289	0.164	-0.180	0.007	0.012	0.000000	0.000000	-1158.10	-458.09
1	FID	HRC-S-2	6.99	289	0.062	-0.087	0.007	0.013	0.000000	0.000000	1237.48	-452.25
2	FID	HRC-S-3	7.02	289	0.162	-0.034	0.007	0.011	0.000000	0.000000	-1156.52	570.02
3	GUIDE	472523760	8.24	578	-0.090	-0.043	0.063	0.105	331.645363	45.403260	-1446.86	-952.21
4	GUIDE	472527720	6.97	578	-0.087	-0.047	0.067	0.109	331.460205	45.112509	-1989.72	-1965.72
5	GUIDE	472654568	9.44	577	0.047	0.027	0.115	0.186	332.194449	45.063576	-139.79	-2265.55
6	GUIDE	472655152	9.44	574	0.137	0.023	0.115	0.180	332.504239	45.862991	814.45	560.37
7	GUIDE	472659832	9.46	577	0.009	0.040	0.106	0.214	332.780399	46.098139	1552.74	1372.36

2.4 Star Slots

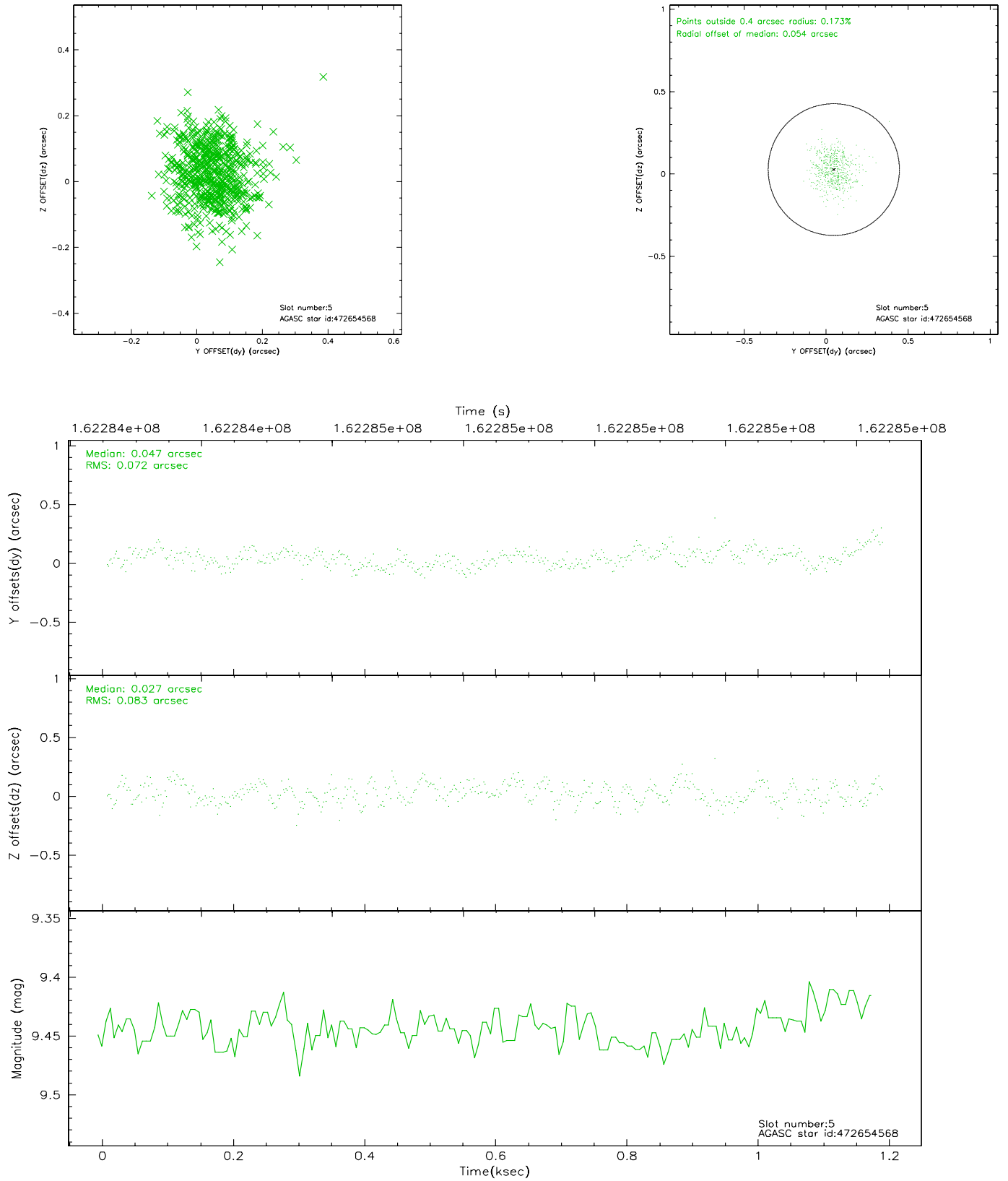
2.4.1 Slot 3



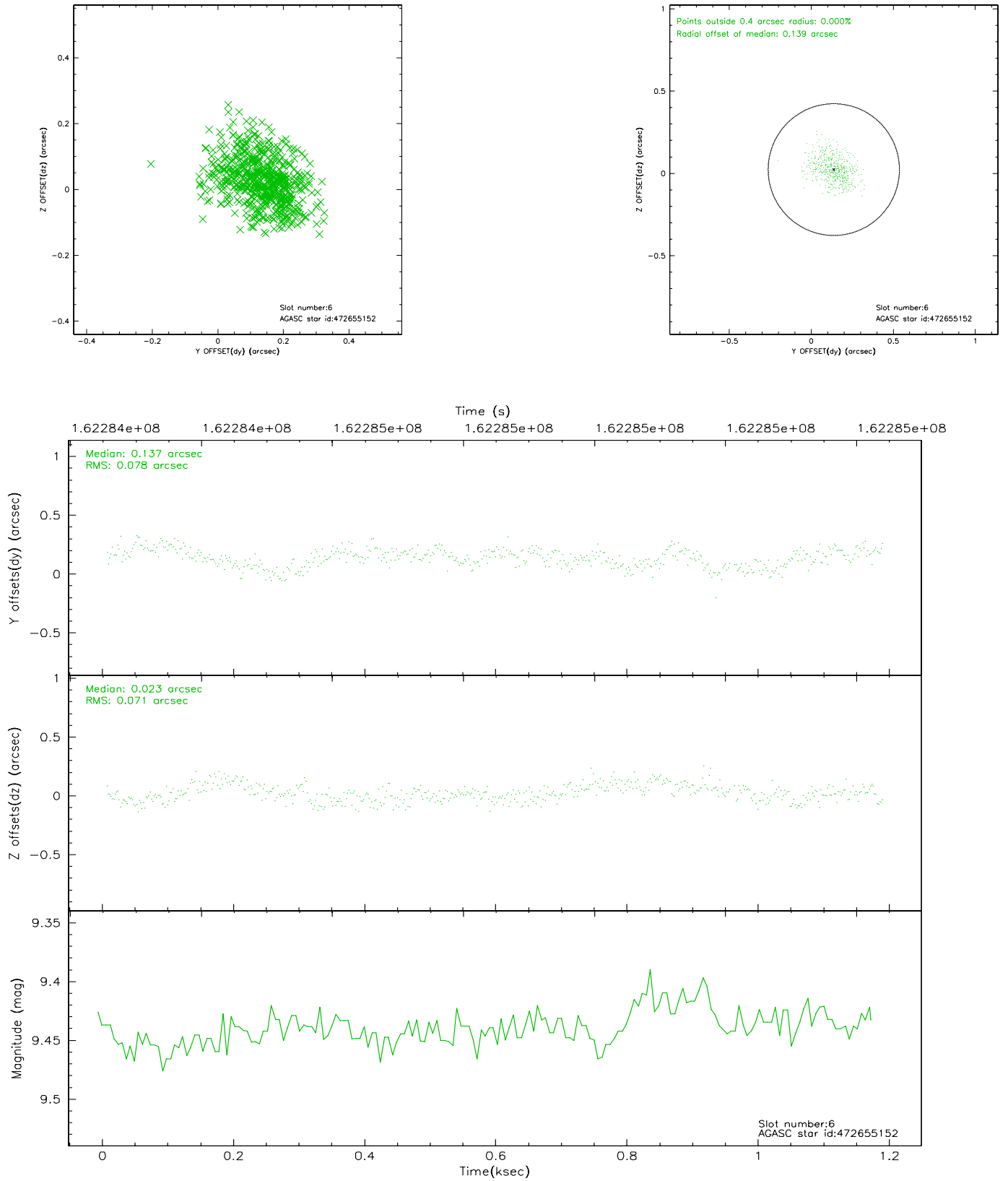
2.4.2 Slot 4



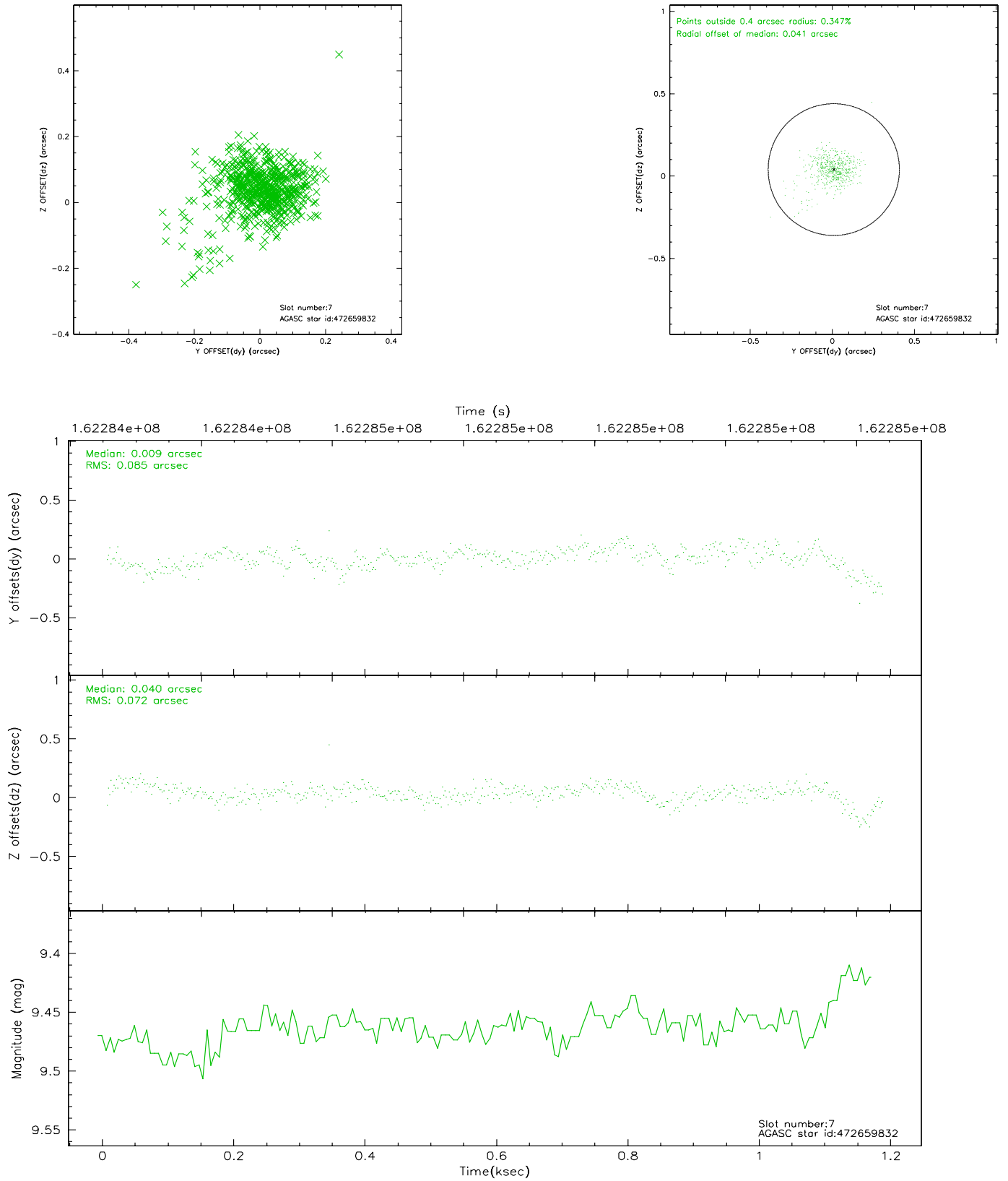
2.4.3 Slot 5



2.4.4 Slot 6

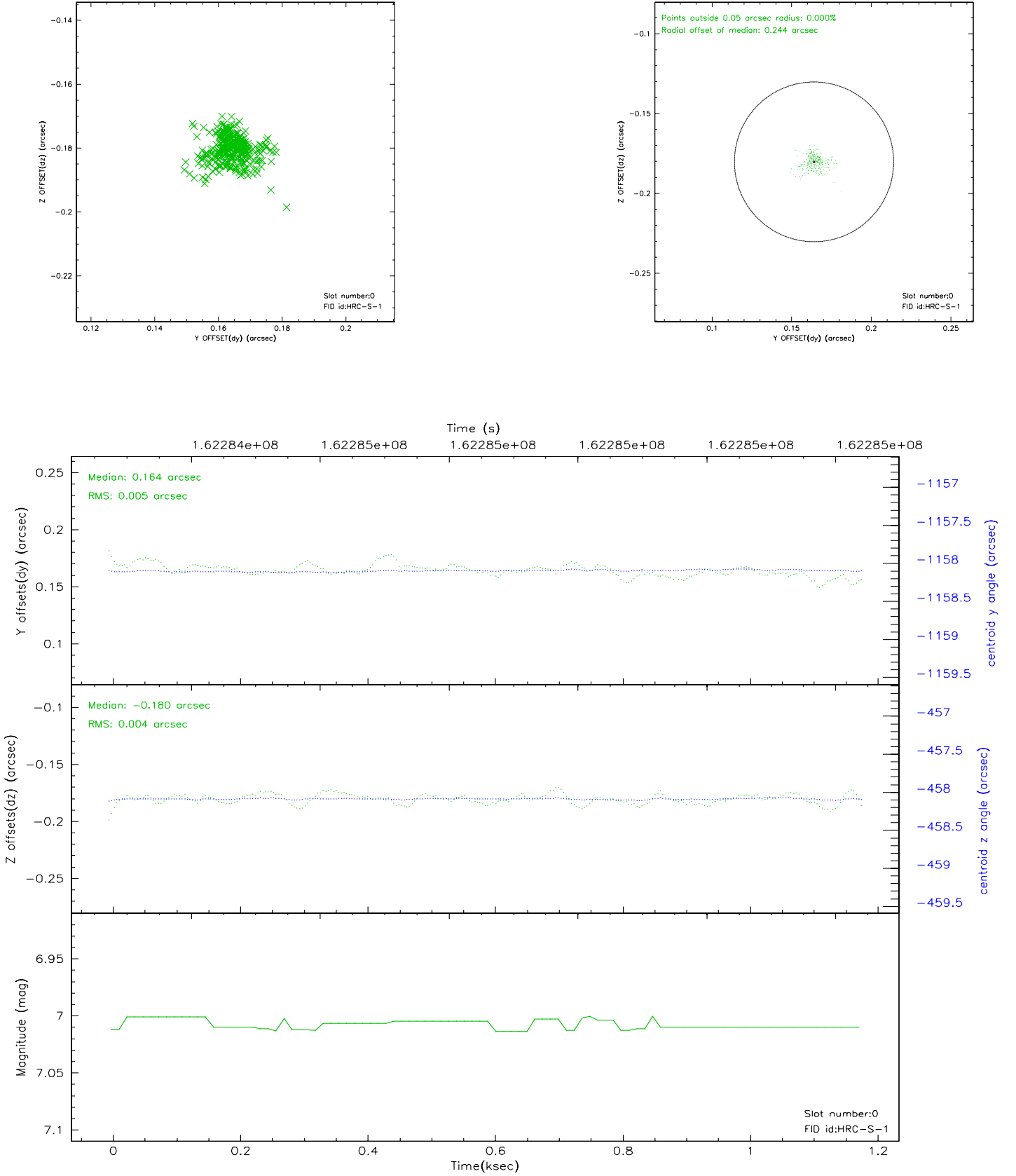


2.4.5 Slot 7

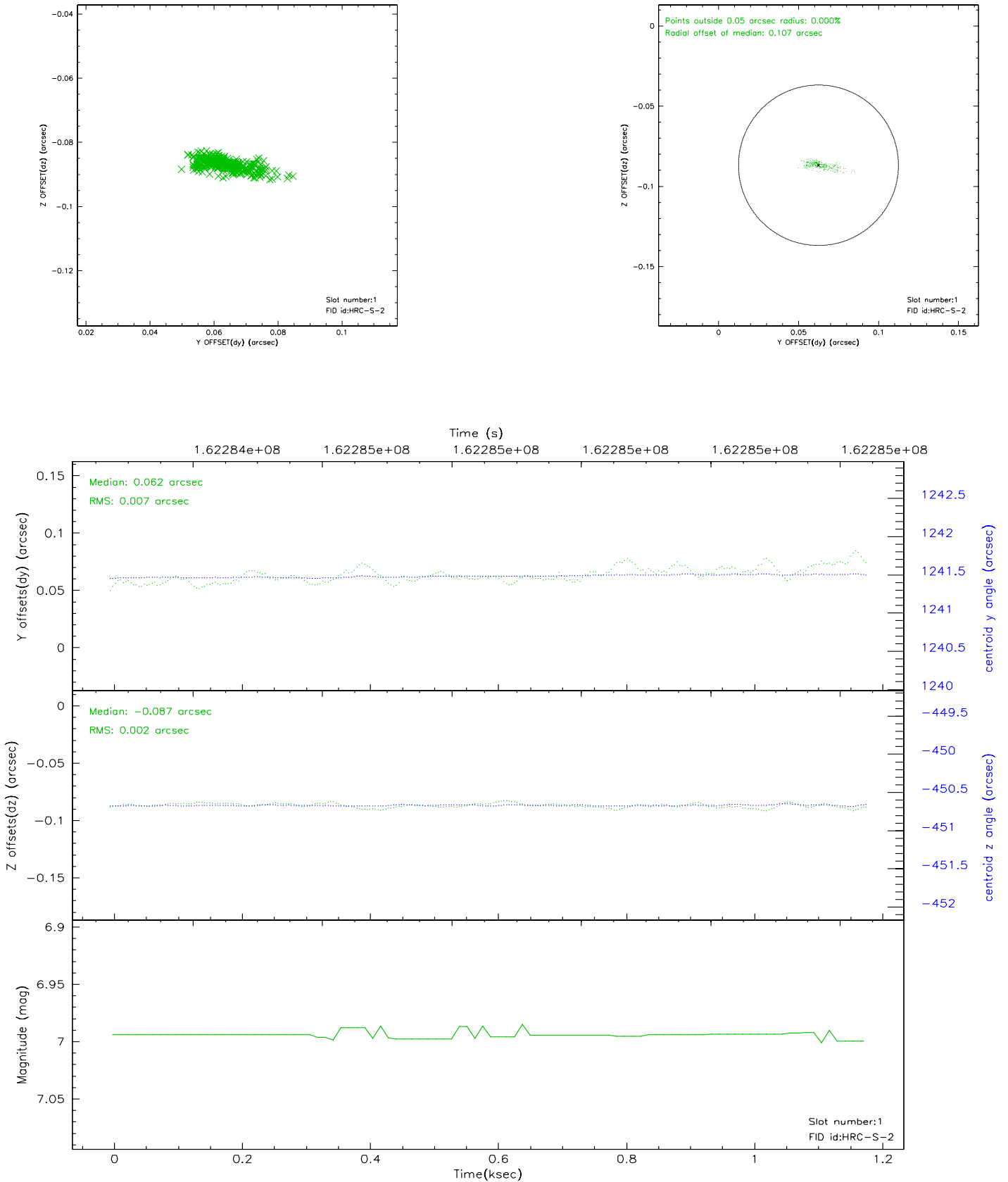


2.5 FID Slots

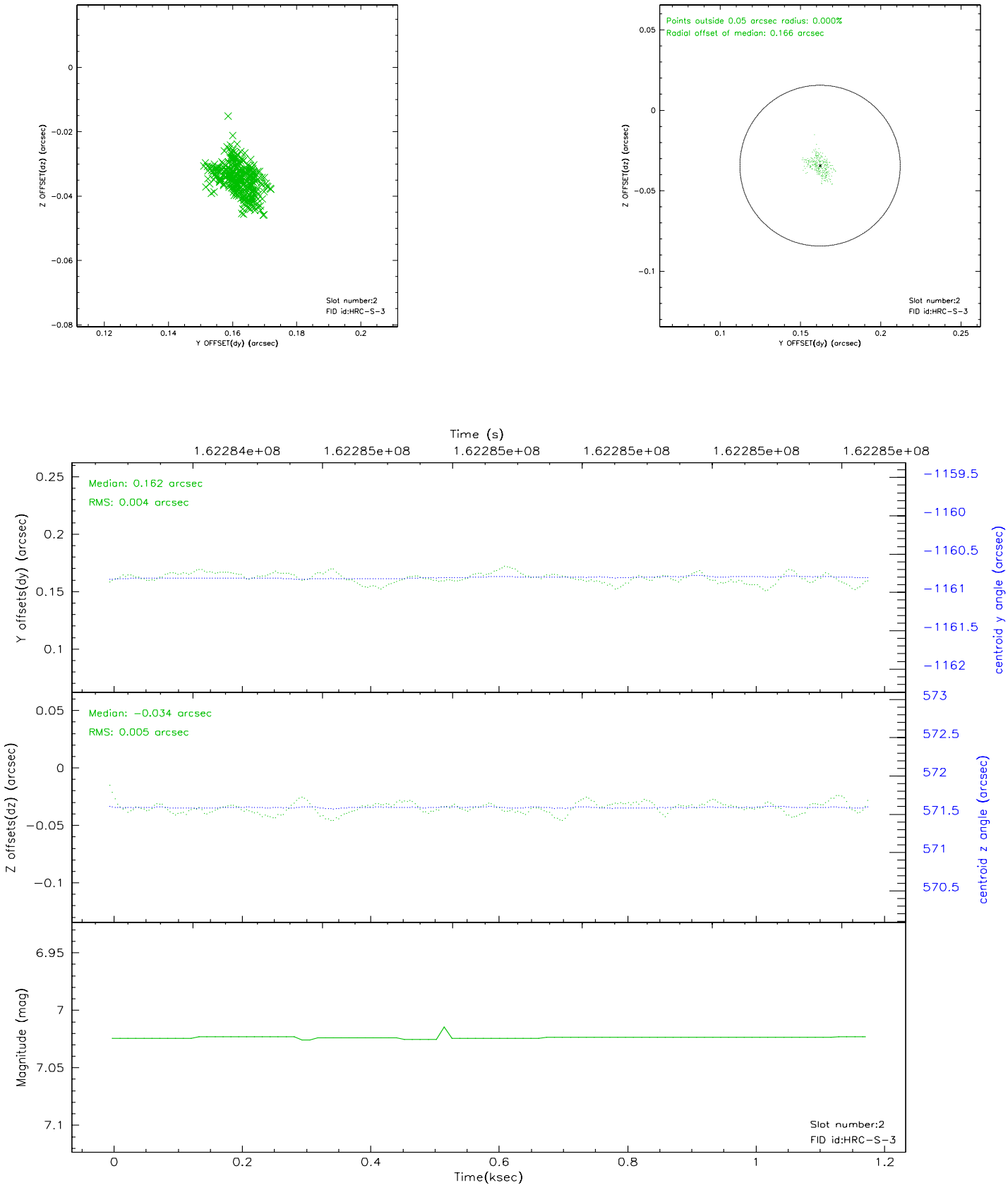
2.5.1 Slot 0



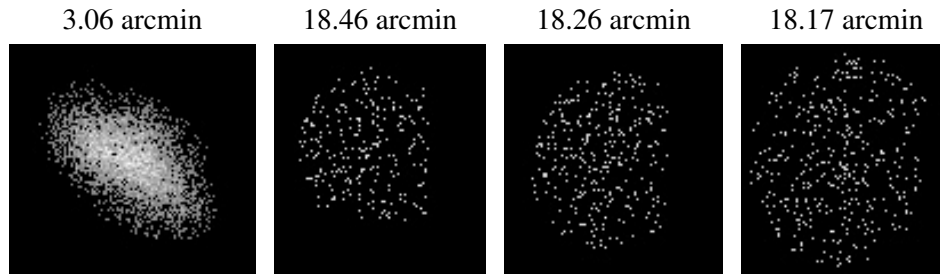
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments

Monitor constraint not met.