

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4323 - L2 Version 001
Chandra X-Ray Center

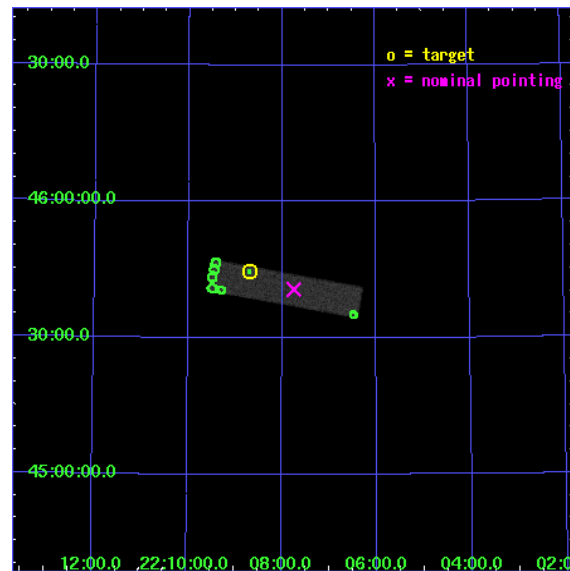
L2 Processing Date : Jul 7 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	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

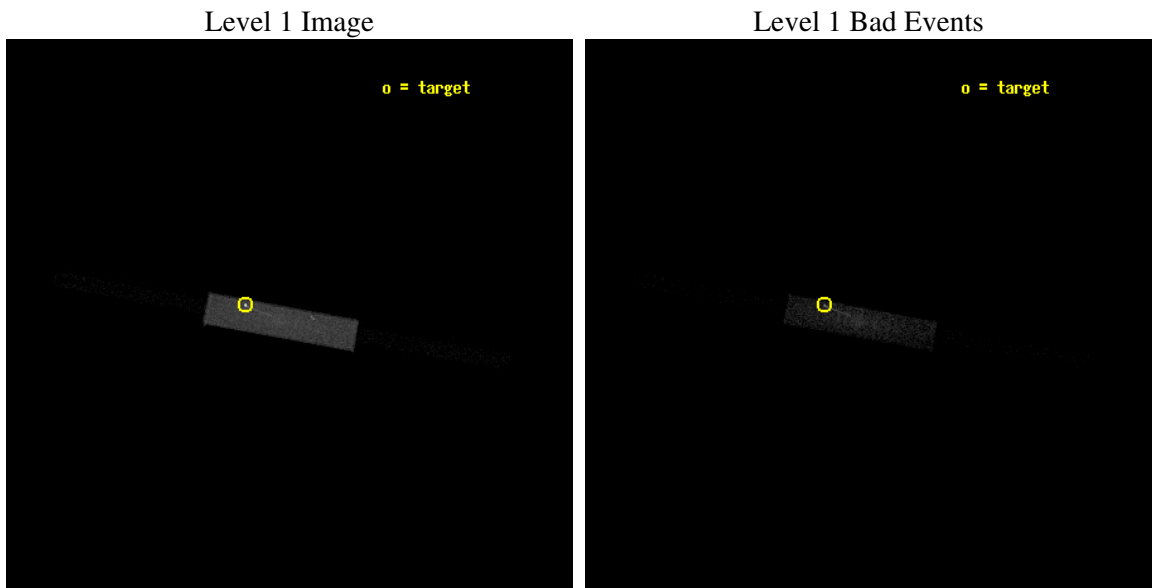
seq_num	290283
obs_id	4323
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.93668084897
dec_nom	45.678926999674
roll_nom	190.23744662174
revision	2
ontime	1142.1062989235
livetime	1136.4005578087
l2events	37273



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	2006-07-07T21:21:17
revision	2

sched_exp_time	1000.000000
ontime	1180.0313005447
l1events	66035

2.1.3 Events

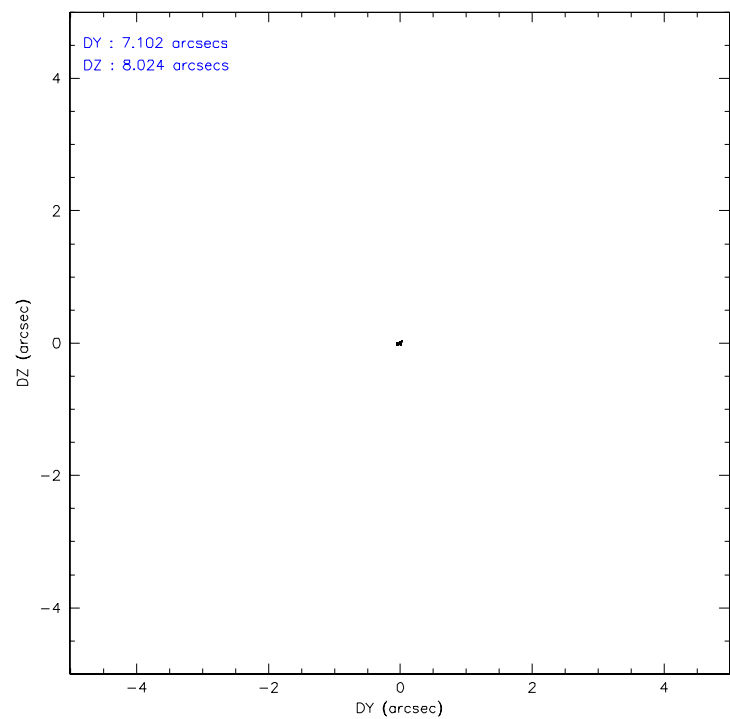
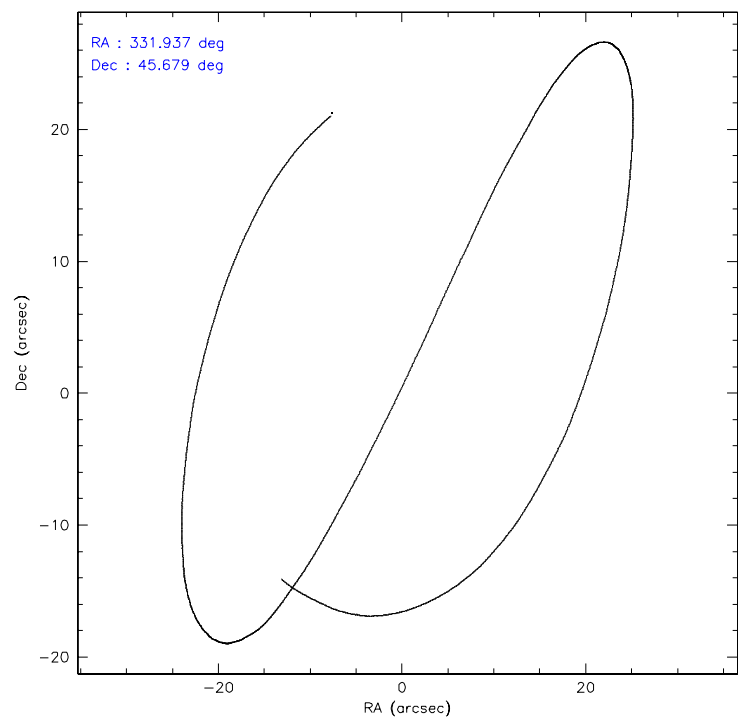
Level 1 Events

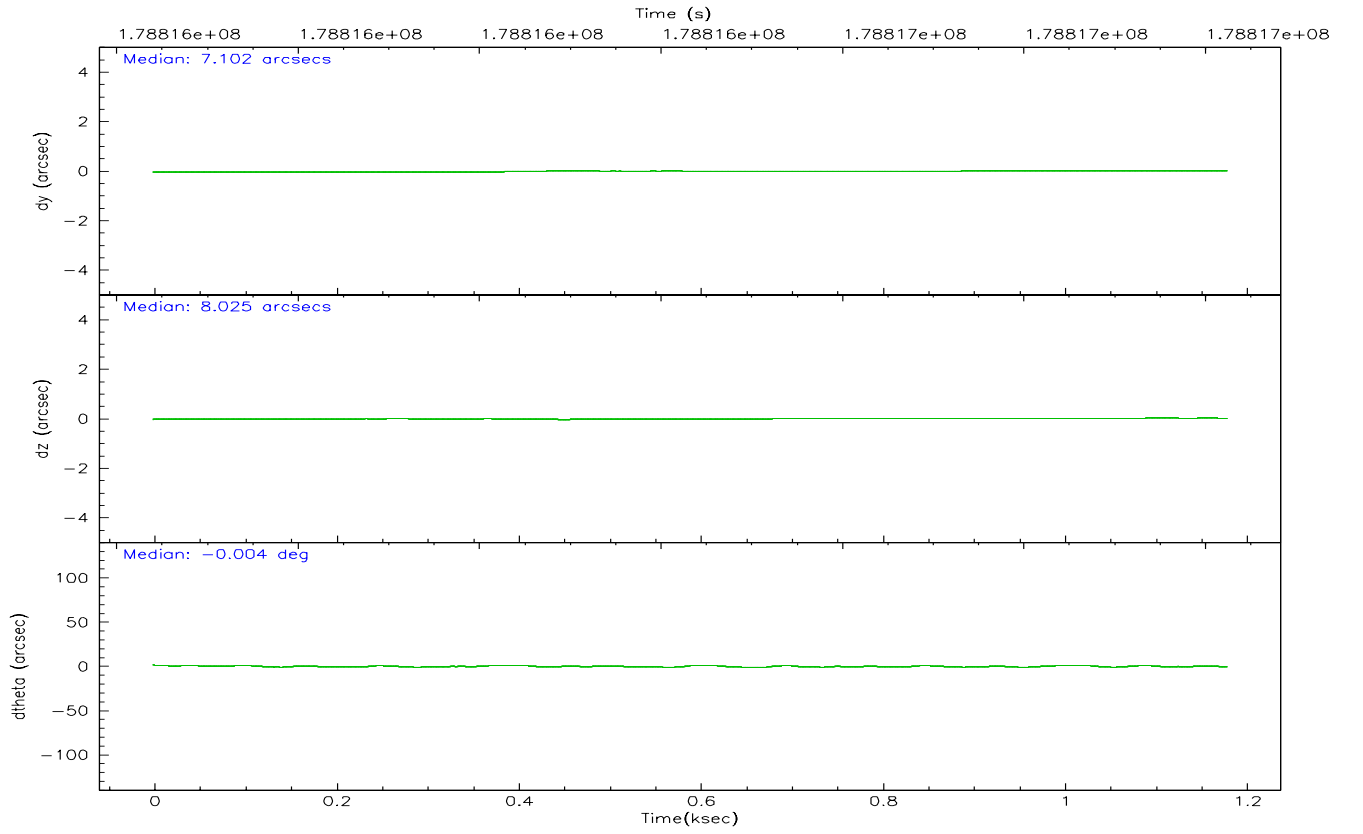
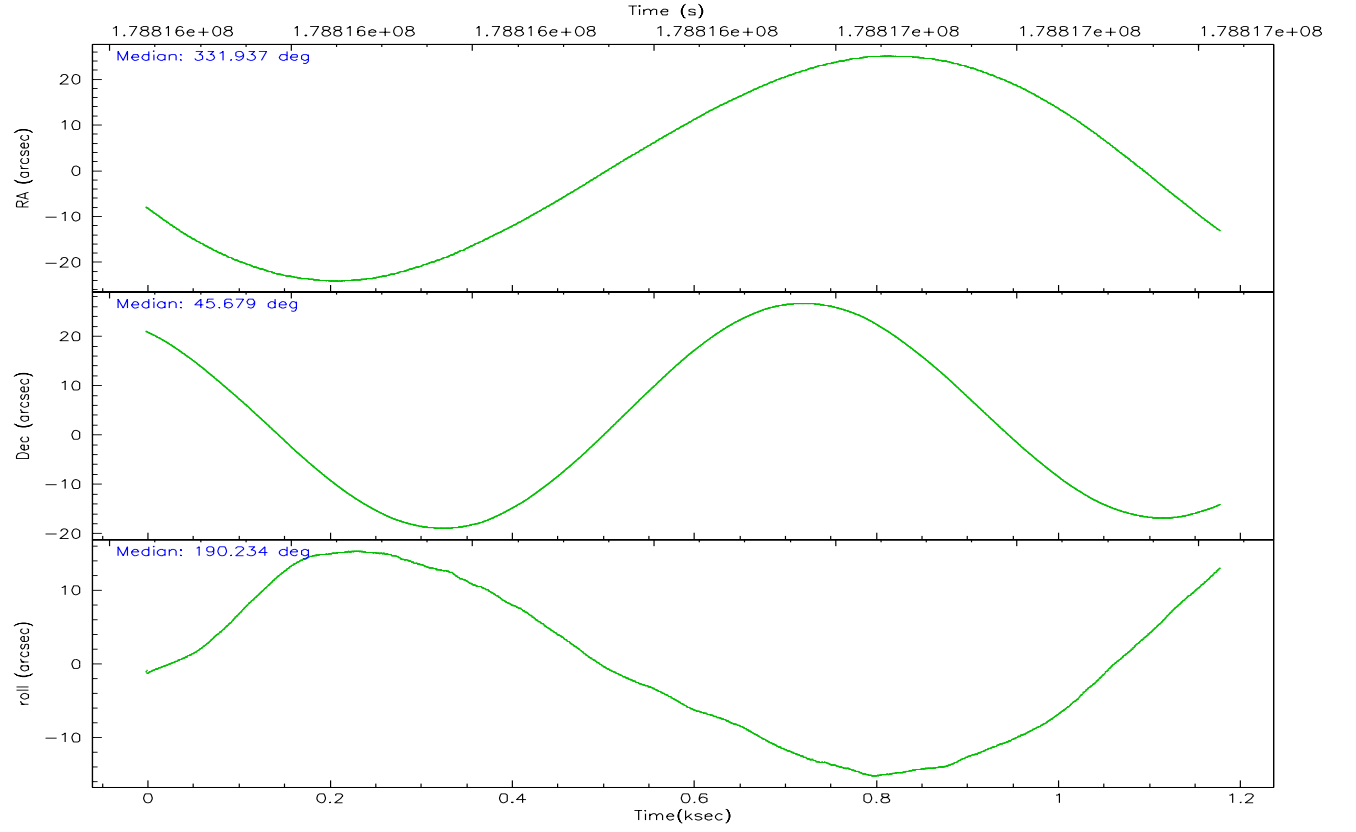
	segment 1	segment 2	segment 3
level 1 events	1004	64048	983
rejected events	1004	23658	983
rejected %	100%	36%	100%

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	331.966651	331.9366808489674			
Pointing Dec	45.699137	45.67892699967387			
Pointing Roll	190.148700	190.2374466217441			
Window start time	178804864.184000	178804864.184000			
Window stop time	181396864.184000	181396864.184000			
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	178816018.184000	178815642.6703			
Observation start date	2003-09-01T15:05:54	2003-09-01T15:00:42			
Observation end time	178817018.184000	178817152.49537			
Observation end date	2003-09-01T15:22:34	2003-09-01T15:25:52			

2.3 Aspect



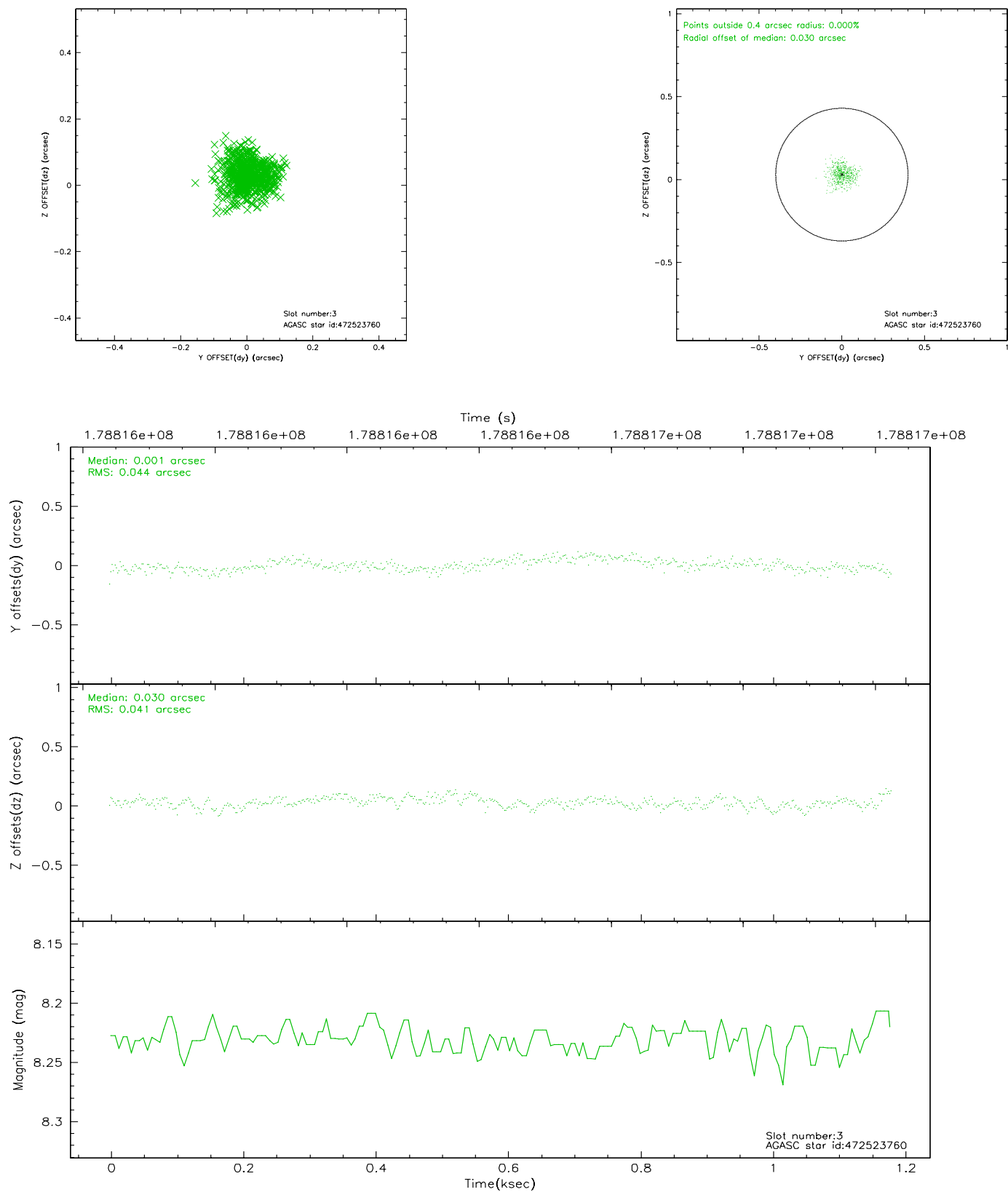


Slot Statistics

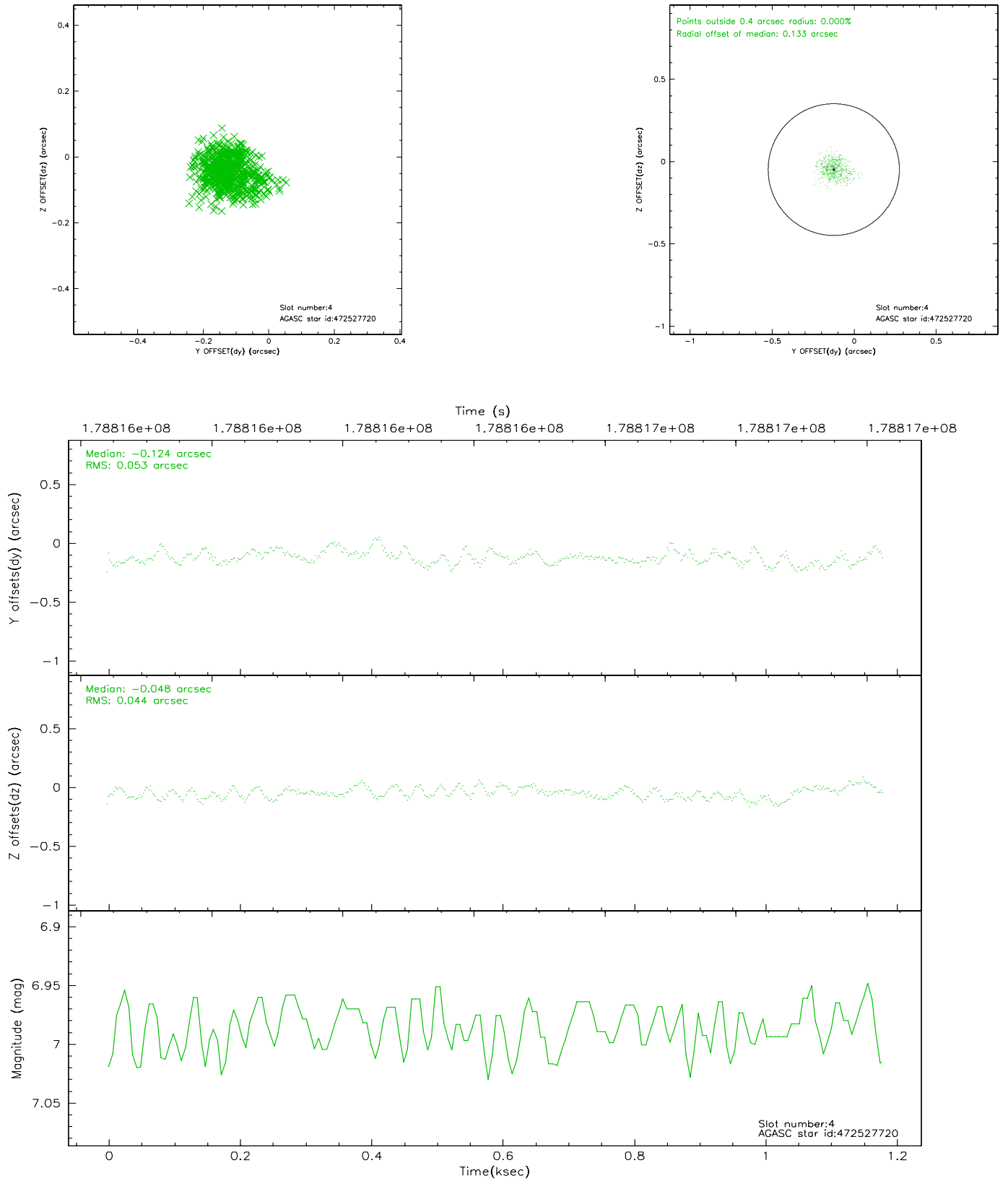
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	288	0.122	-0.117	0.007	0.014	0.000000	0.000000	-1161.25	-456.62
1	FID	HRC-S-2	7.02	288	0.156	-0.108	0.004	0.010	0.000000	0.000000	1234.43	-450.82
2	FID	HRC-S-3	7.03	288	0.112	-0.077	0.007	0.013	0.000000	0.000000	-1159.70	571.39
3	GUIDE	472523760	8.23	577	0.001	0.030	0.065	0.101	331.645363	45.403260	986.23	901.68
4	GUIDE	472527720	6.99	577	-0.124	-0.048	0.074	0.118	331.460205	45.112509	1638.93	1847.53
5	GUIDE	472654568	9.45	577	-0.010	-0.163	0.106	0.172	332.194449	45.063576	-165.03	2354.29
6	GUIDE	472655152	9.44	575	0.058	0.080	0.090	0.142	332.504239	45.862991	-1432.09	-345.67
7	GUIDE	472659832	9.46	576	0.056	0.080	0.101	0.168	332.780399	46.098139	-2257.43	-1069.06

2.4 Star Slots

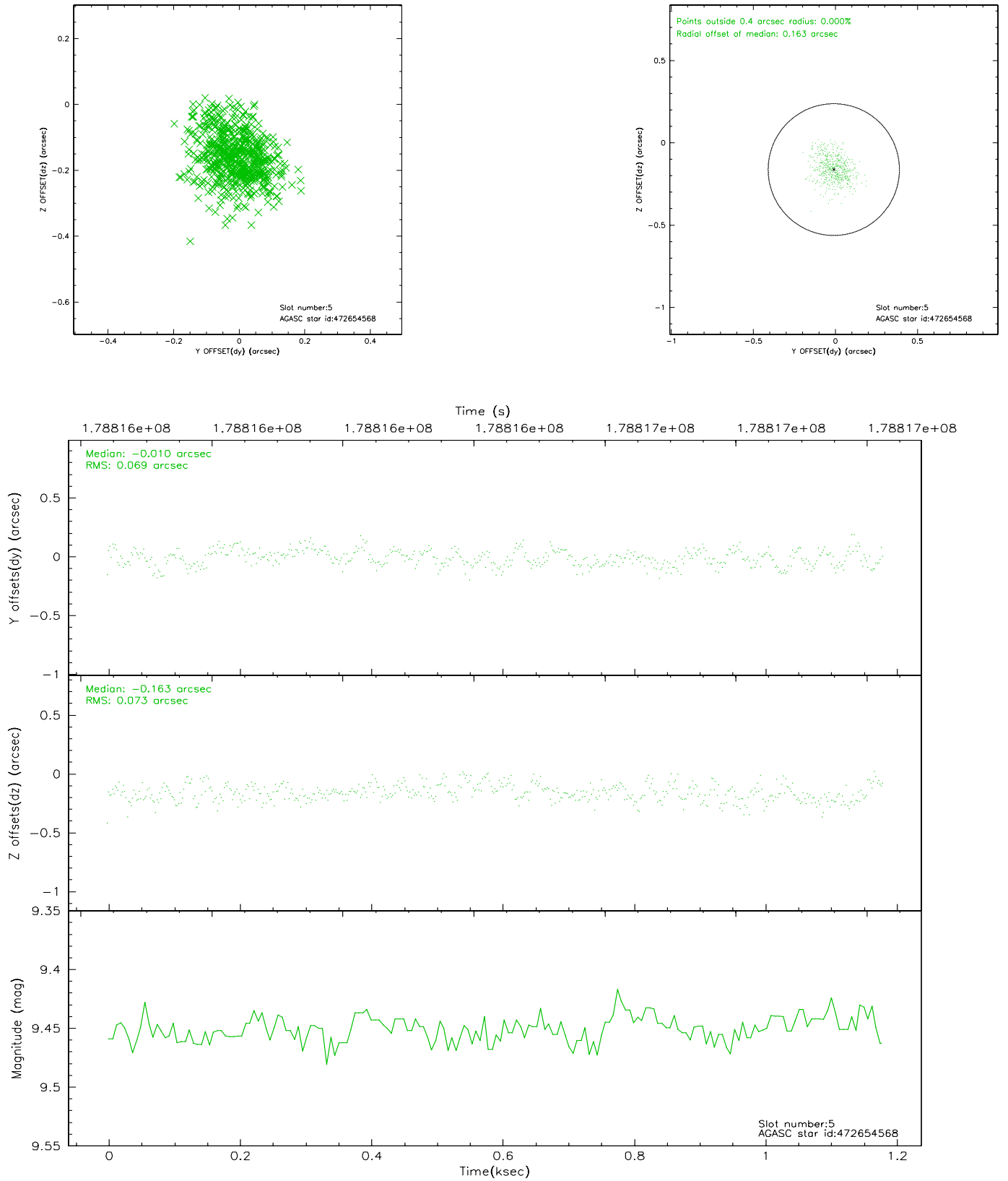
2.4.1 Slot 3



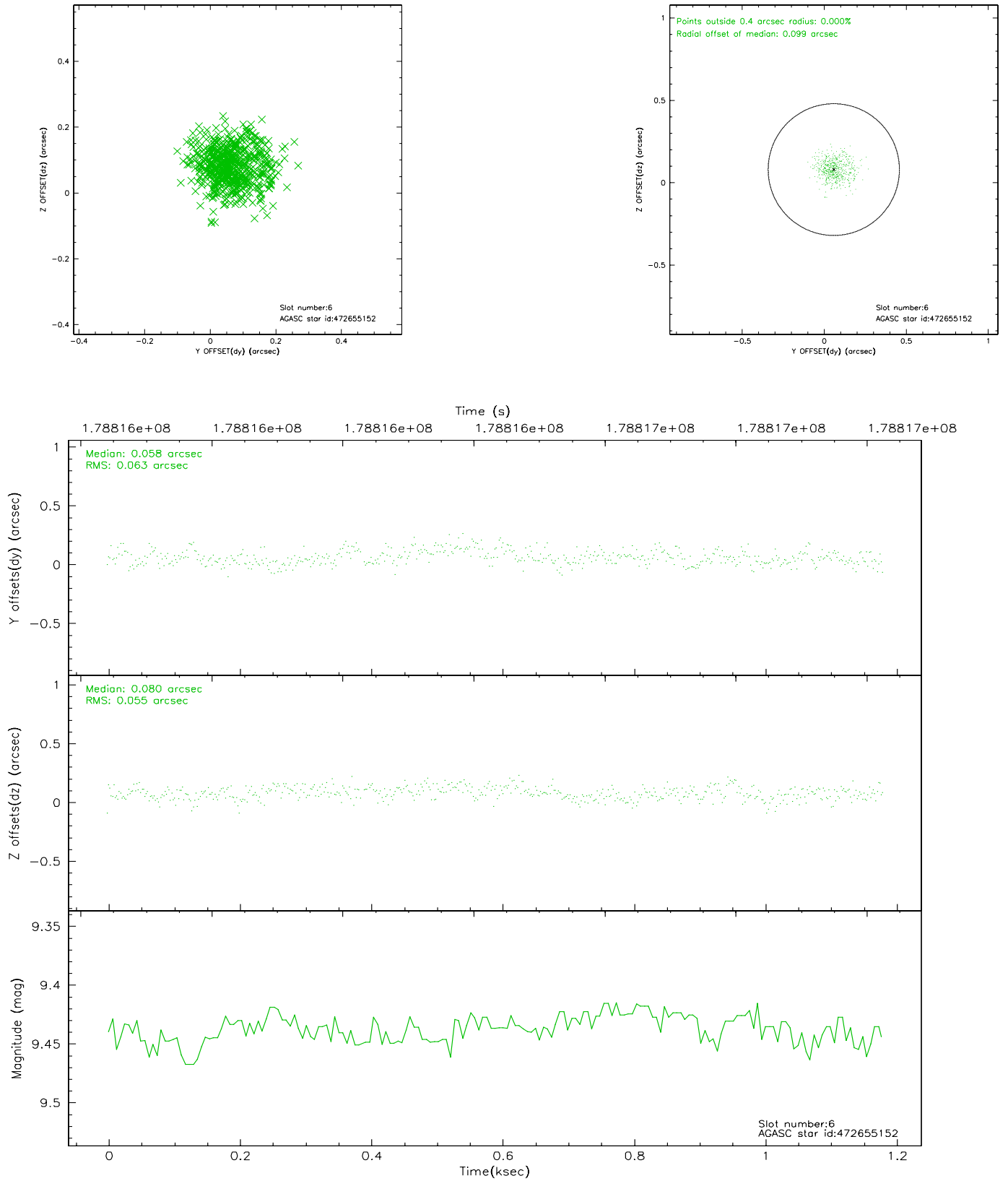
2.4.2 Slot 4



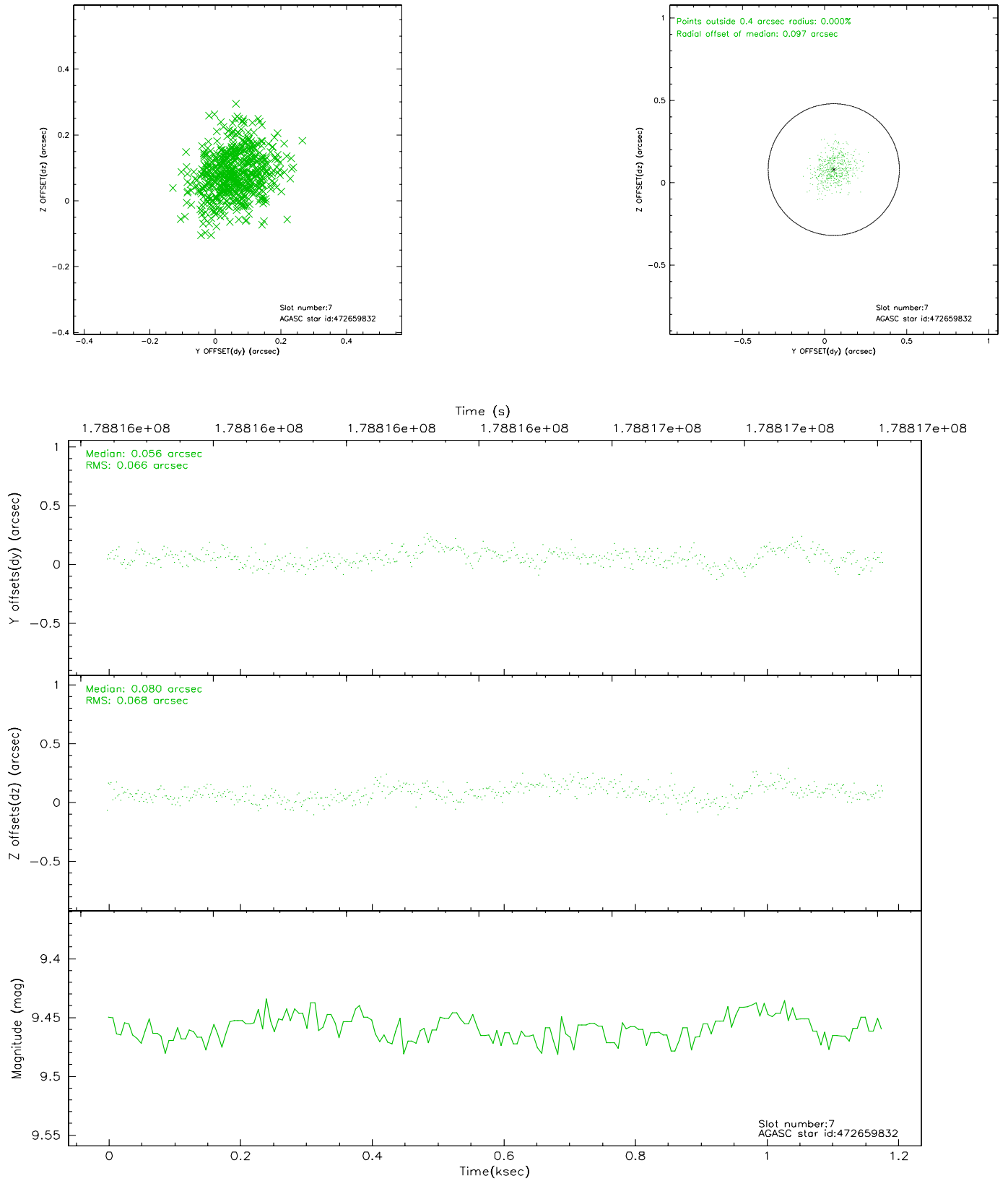
2.4.3 Slot 5



2.4.4 Slot 6

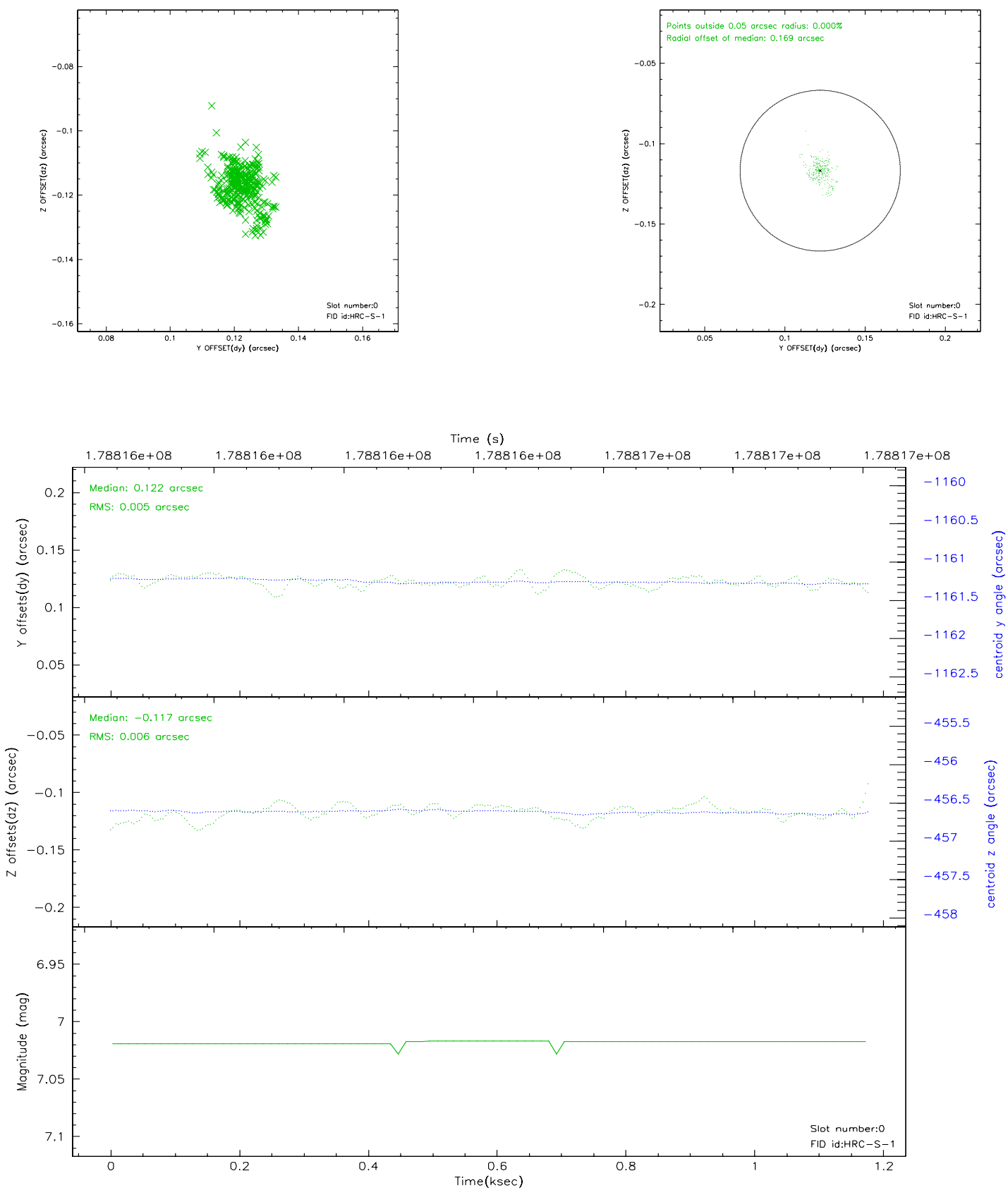


2.4.5 Slot 7

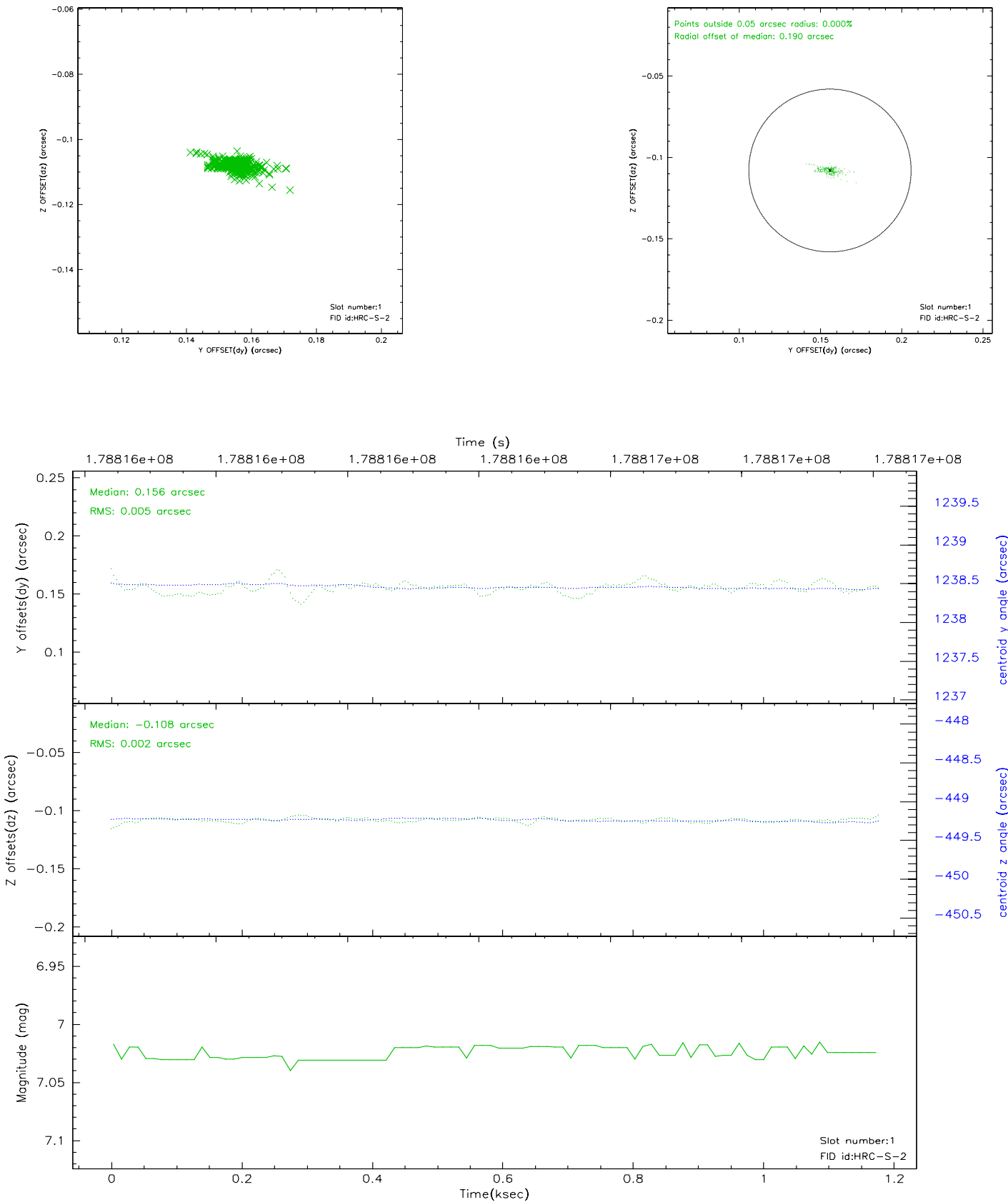


2.5 FID Slots

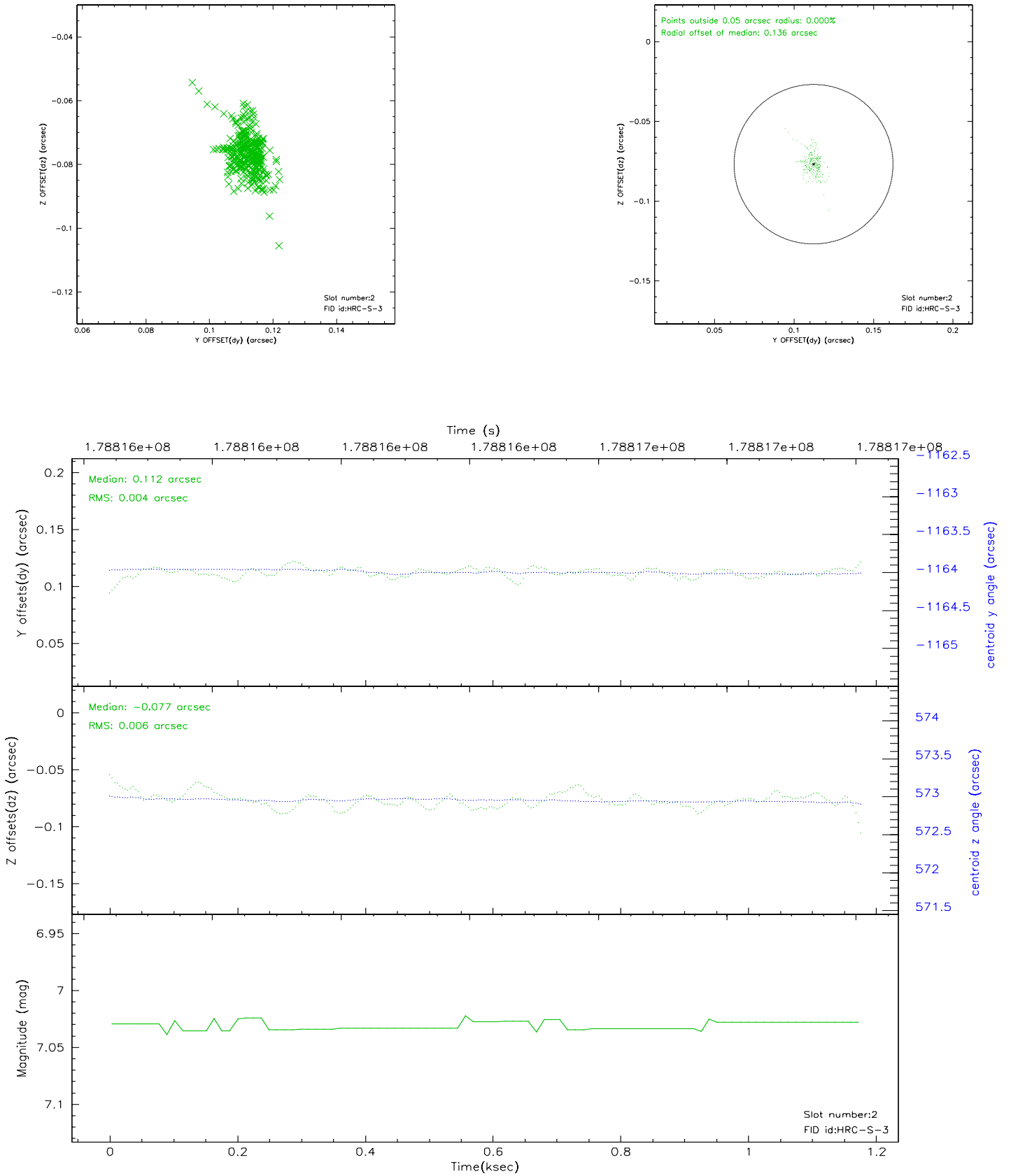
2.5.1 Slot 0



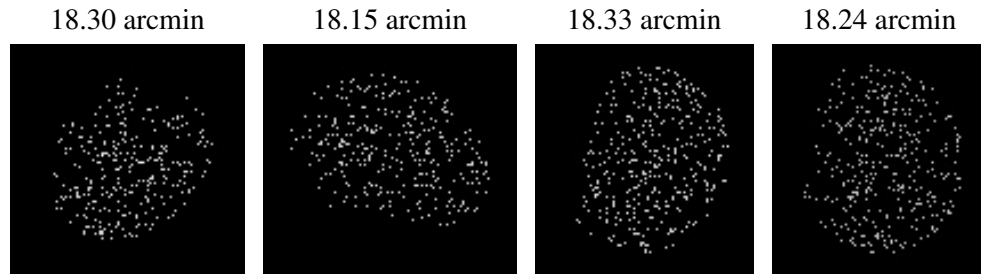
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments

Window constraint satisfied.