

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4312 - L2 Version 001
Chandra X-Ray Center

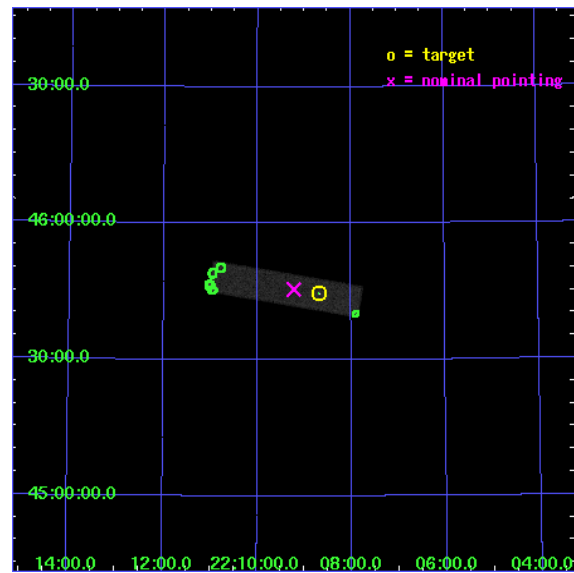
L2 Processing Date : Jul 7 2006

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1 Front

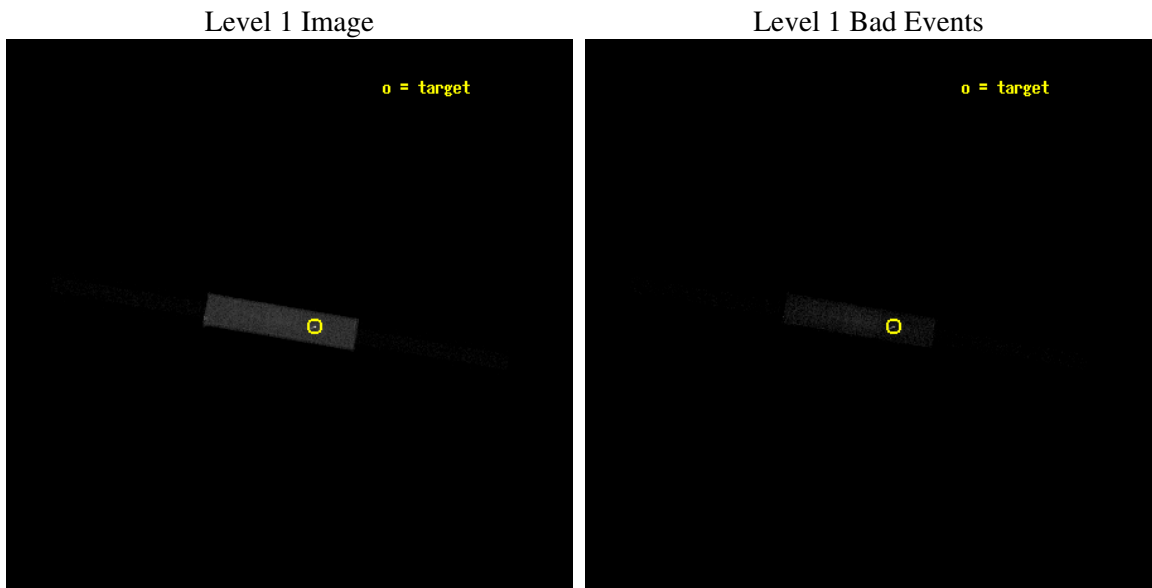
seq_num	290272
obs_id	4312
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.30540413388
dec_nom	45.758068369116
roll_nom	189.56380724047
revision	2
ontime	1141.0812988281
livetime	1135.3136934609
l2events	38521



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	2006-07-07T20:03:13
revision	2

sched_exp_time	1000.000000
ontime	1186.9500507712
l1events	67761

2.1.3 Events

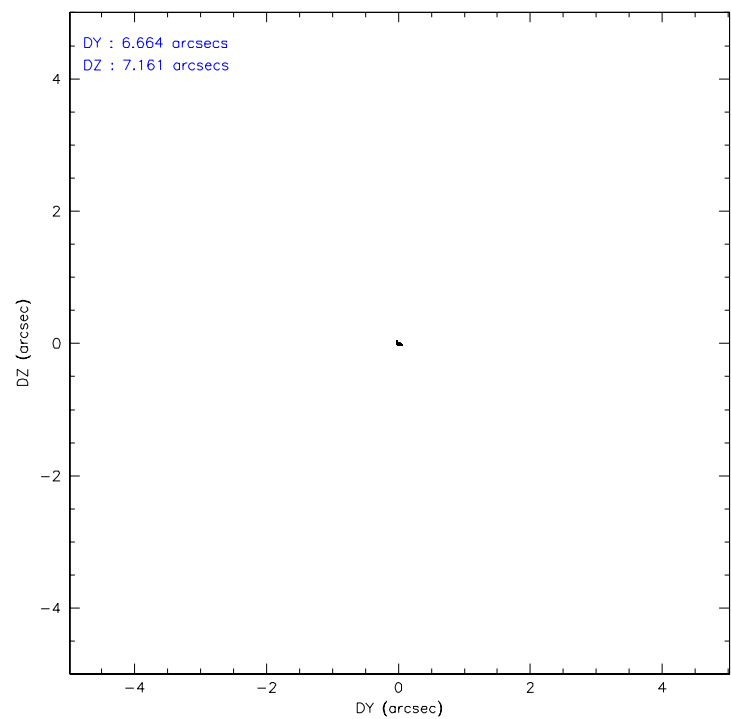
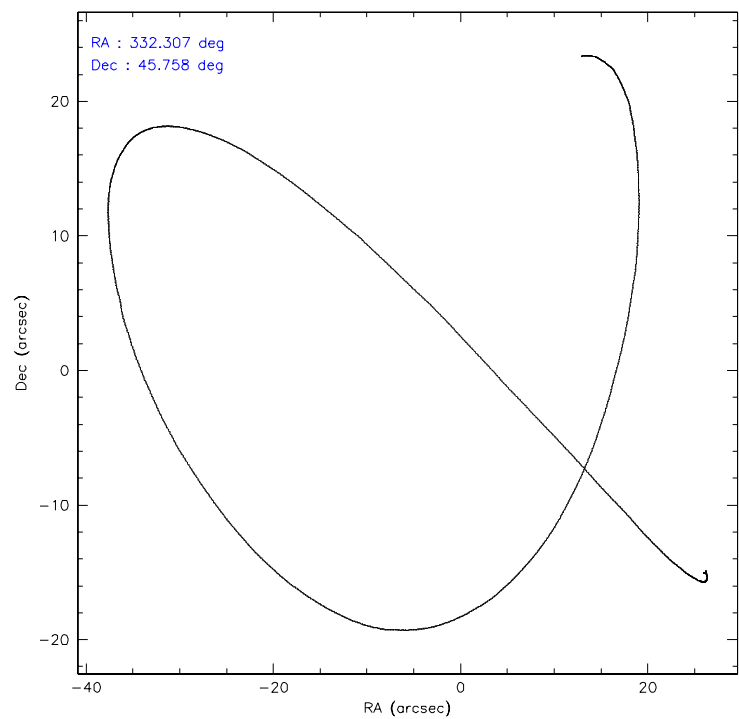
Level 1 Events

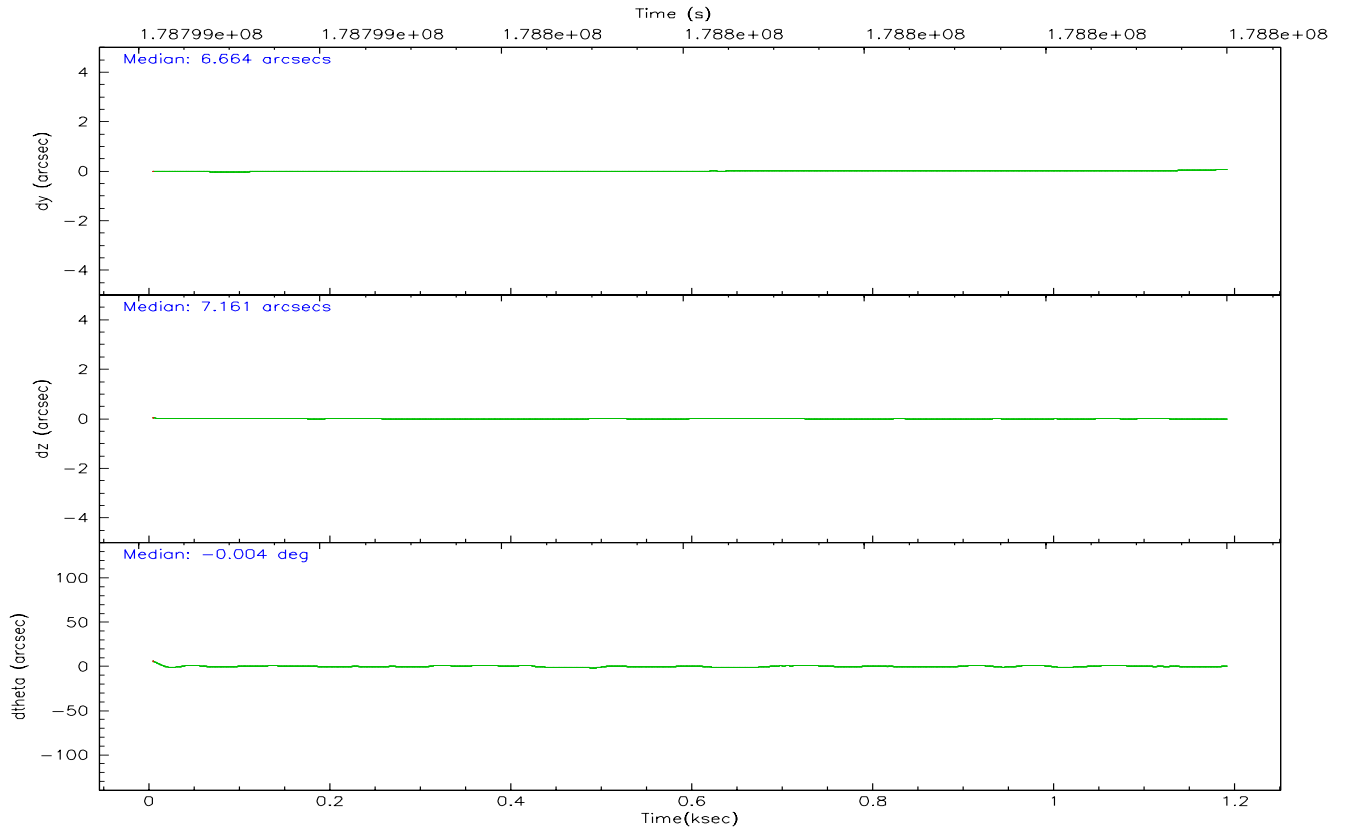
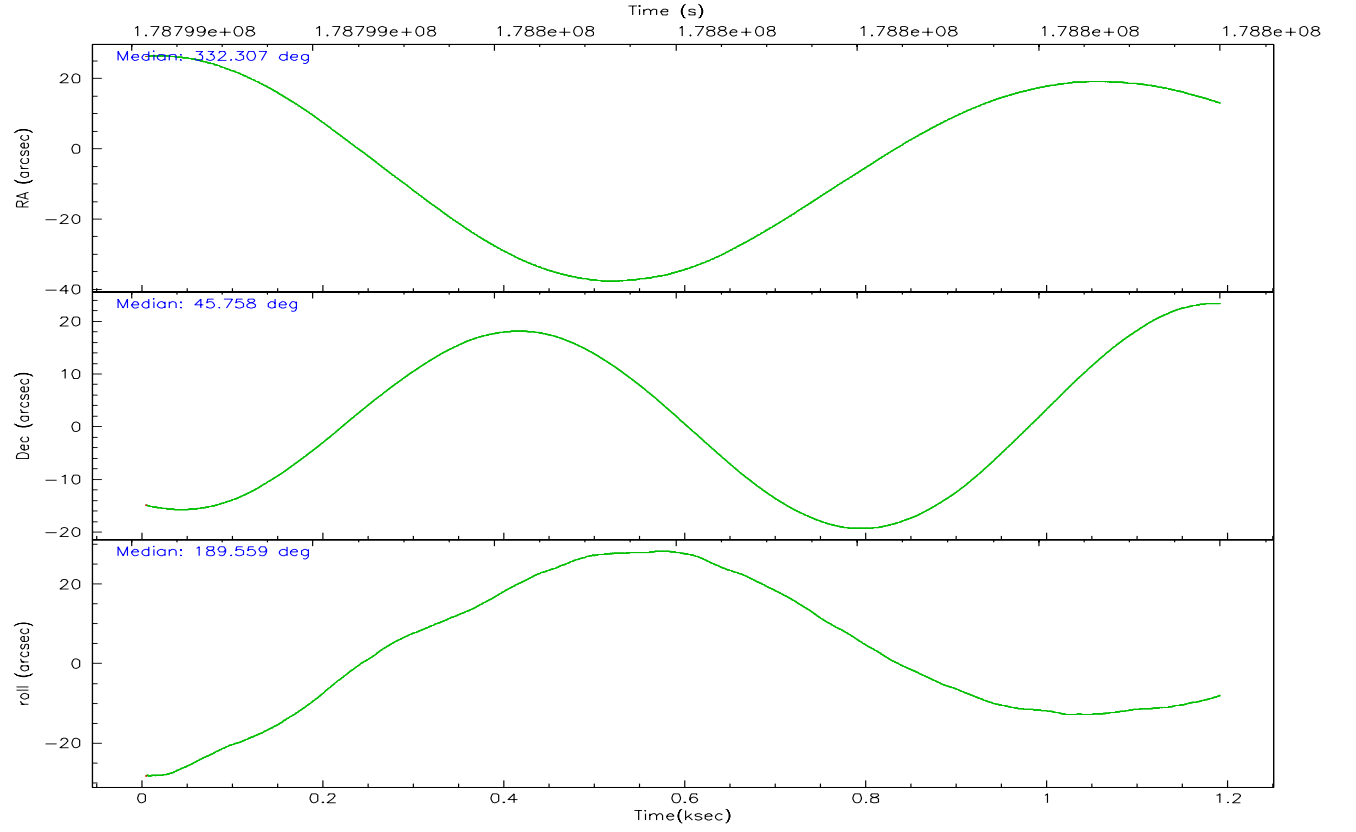
	segment 1	segment 2	segment 3
level 1 events	1070	65581	1110
rejected events	1070	24306	1110
rejected %	100%	37%	100%

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	332.334968	332.305404133881			
Pointing Dec	45.777518	45.7580683691158			
Pointing Roll	189.475296	189.5638072404684			
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	178799408.184000	178799032.54459			
Observation start date	2003-09-01T10:29:04	2003-09-01T10:23:52			
Observation end time	178800408.184000	178800542.36966			
Observation end date	2003-09-01T10:45:44	2003-09-01T10:49:02			

2.3 Aspect



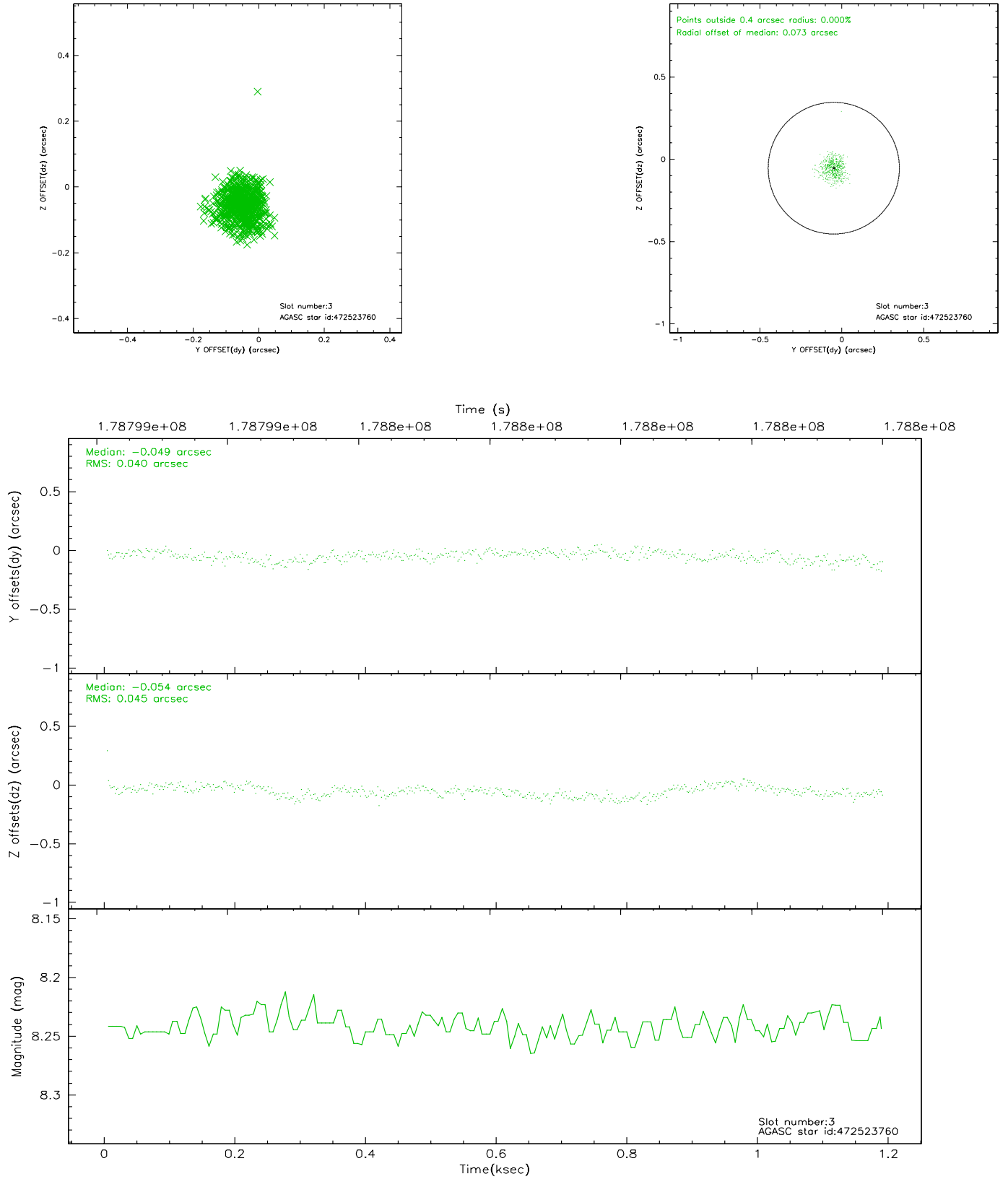


Slot Statistics

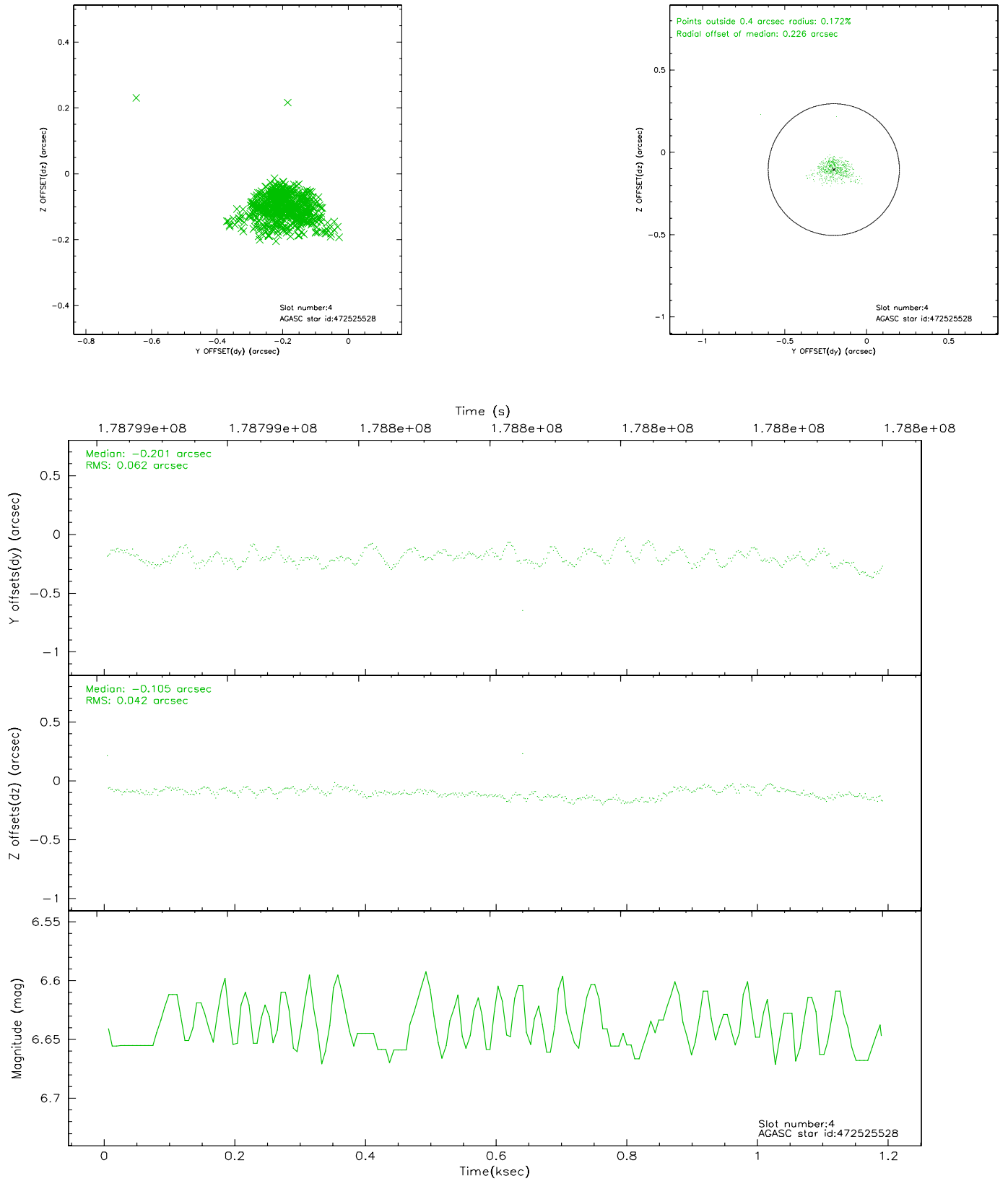
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.03	290	0.131	-0.148	0.008	0.012	0.000000	0.000000	1238.88	-448.38
1	FID	HRC-S-3	7.05	290	0.109	-0.100	0.004	0.008	0.000000	0.000000	-1159.29	572.27
2	FID	HRC-S-4	7.00	290	0.165	-0.048	0.007	0.012	0.000000	0.000000	1233.48	578.42
3	GUIDE	472523760	8.24	580	-0.049	-0.054	0.064	0.102	331.645363	45.403260	1941.57	1034.04
4	GUIDE	472525528	6.64	580	-0.201	-0.105	0.073	0.130	331.551102	45.248694	2276.30	1542.37
5	GUIDE	472533912	9.16	579	-0.014	0.058	0.112	0.185	331.791136	46.368695	987.34	-2324.04
6	GUIDE	472655152	9.44	580	0.194	0.062	0.105	0.170	332.504239	45.862991	-465.58	-238.74
7	GUIDE	472659832	9.46	579	0.067	0.071	0.104	0.172	332.780399	46.098139	-1286.17	-959.69

2.4 Star Slots

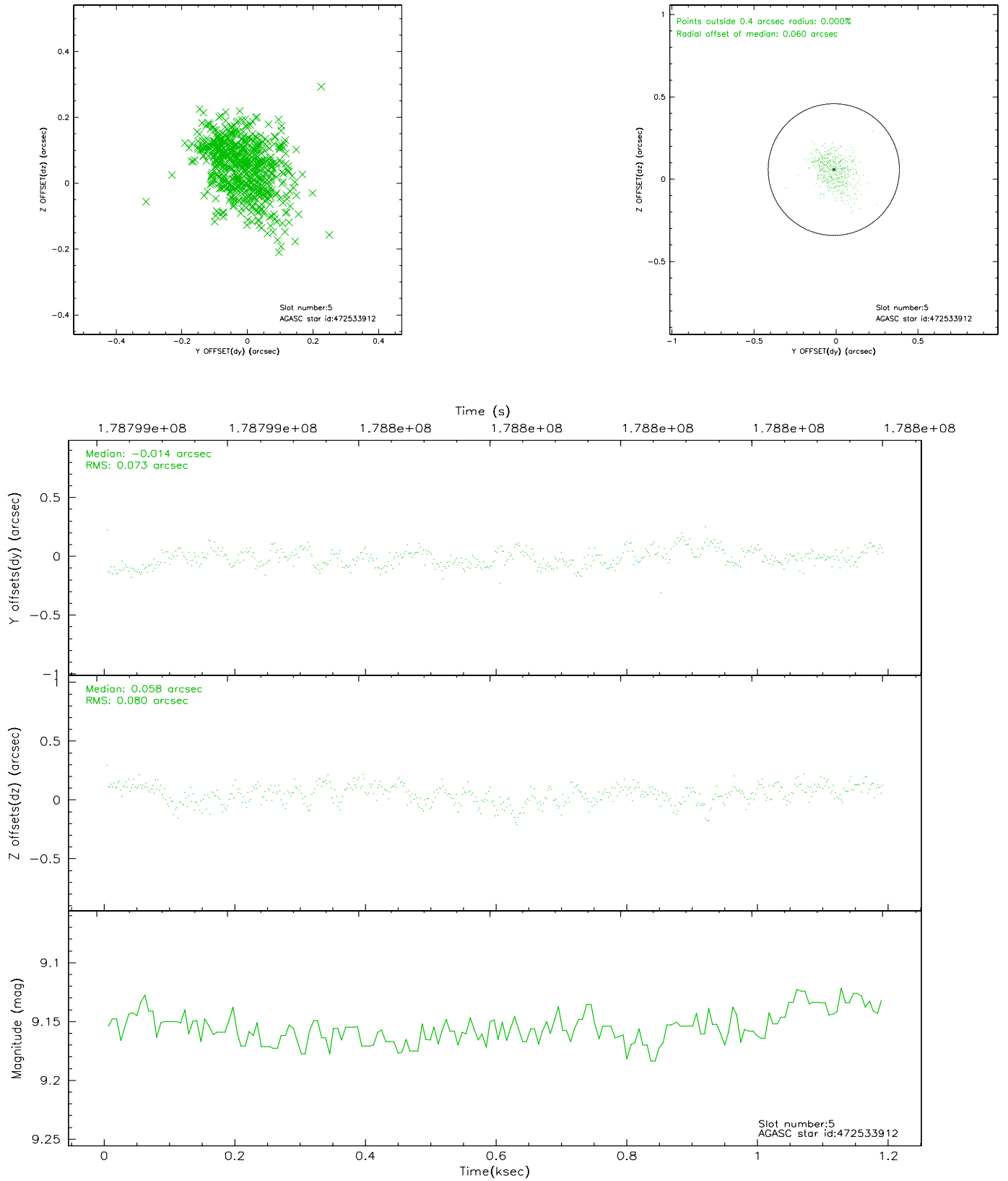
2.4.1 Slot 3



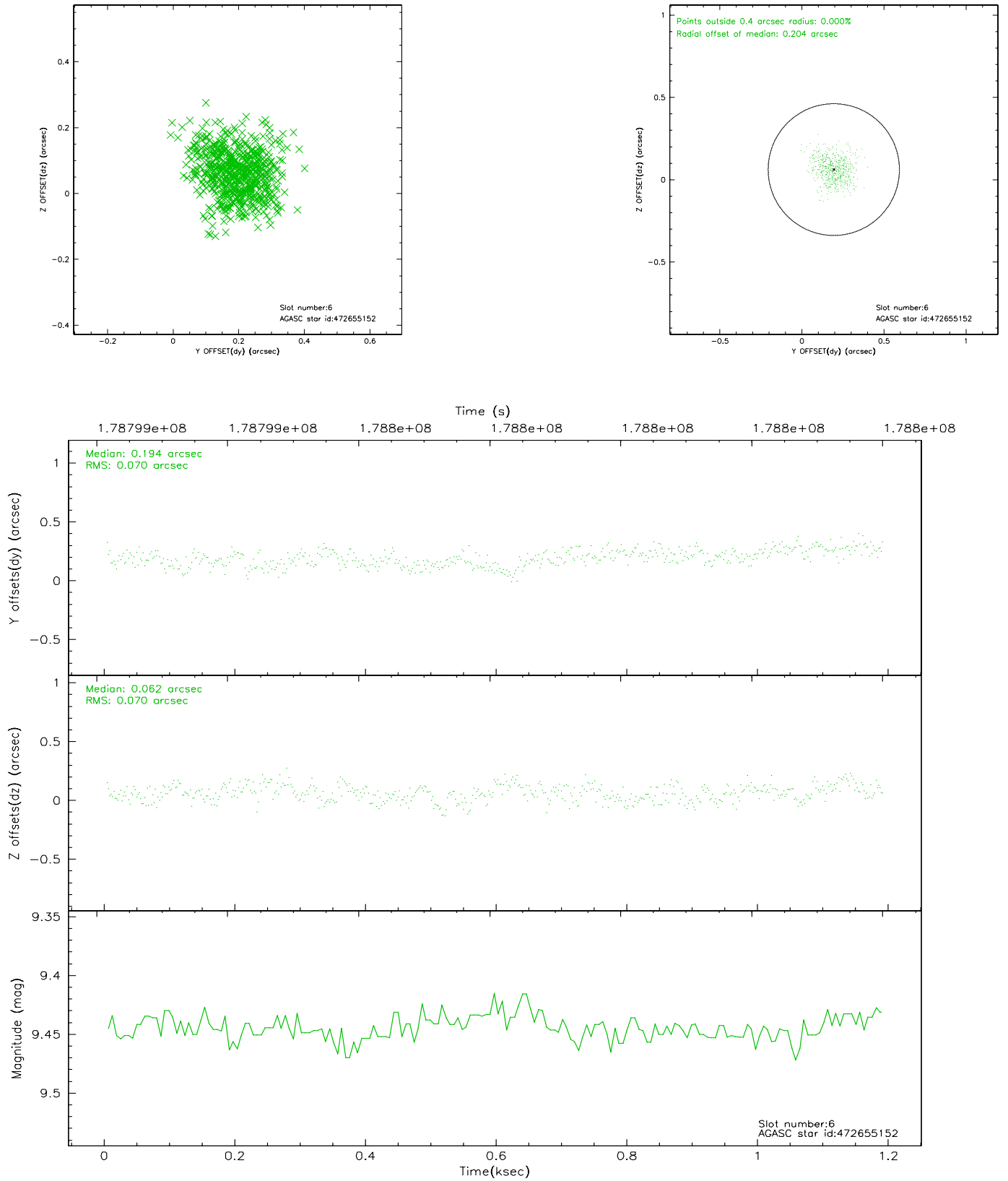
2.4.2 Slot 4



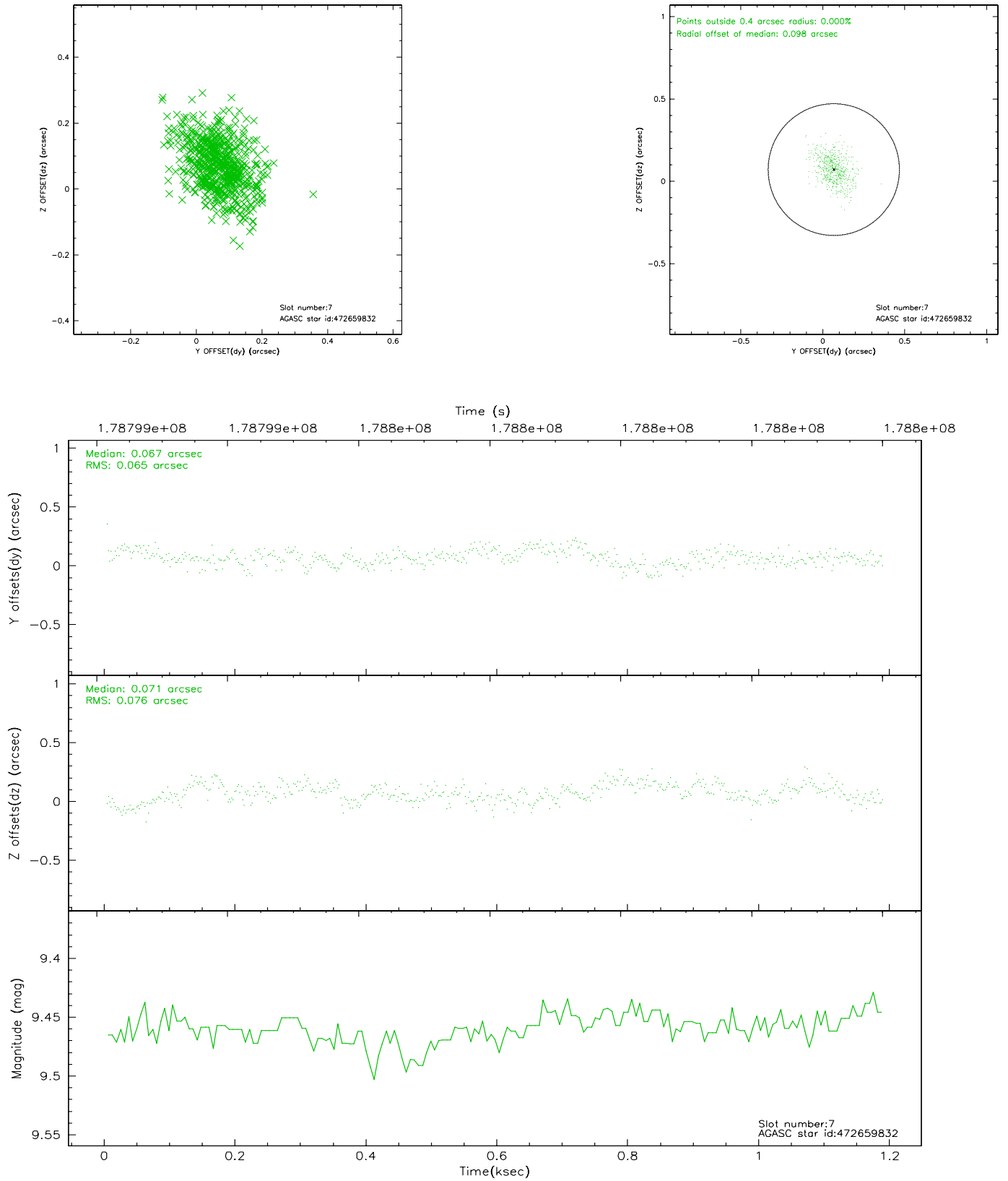
2.4.3 Slot 5



2.4.4 Slot 6

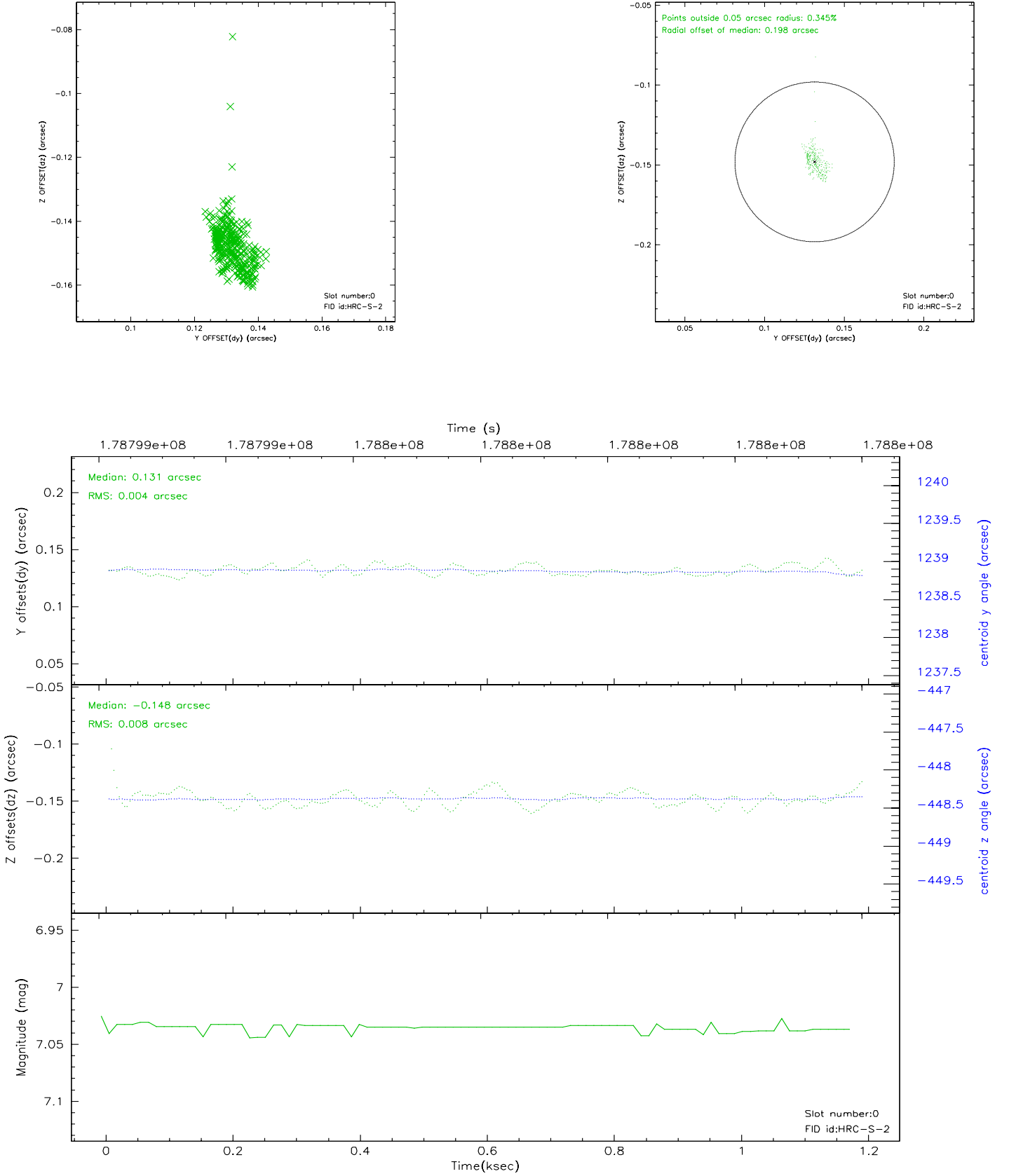


2.4.5 Slot 7

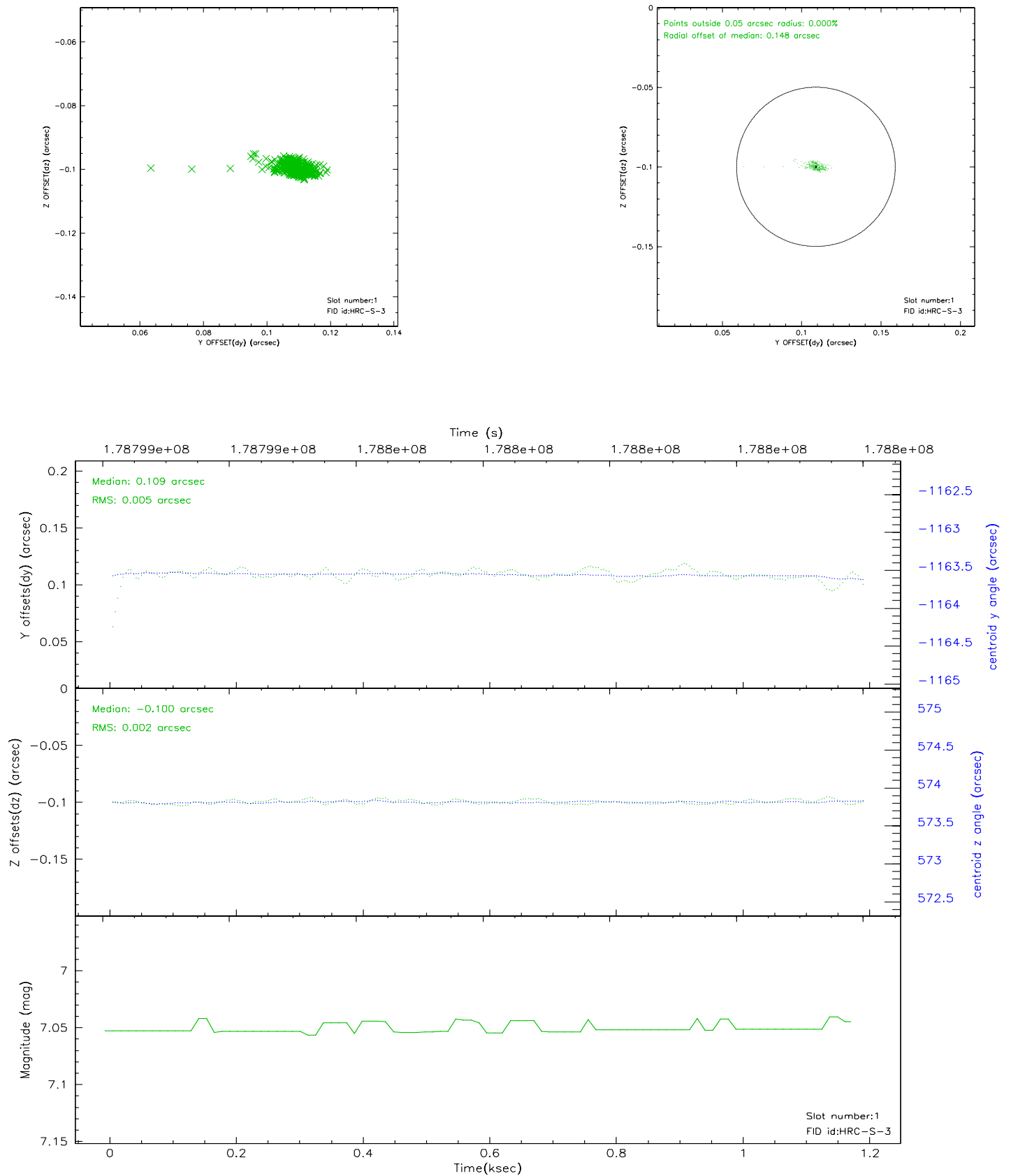


2.5 FID Slots

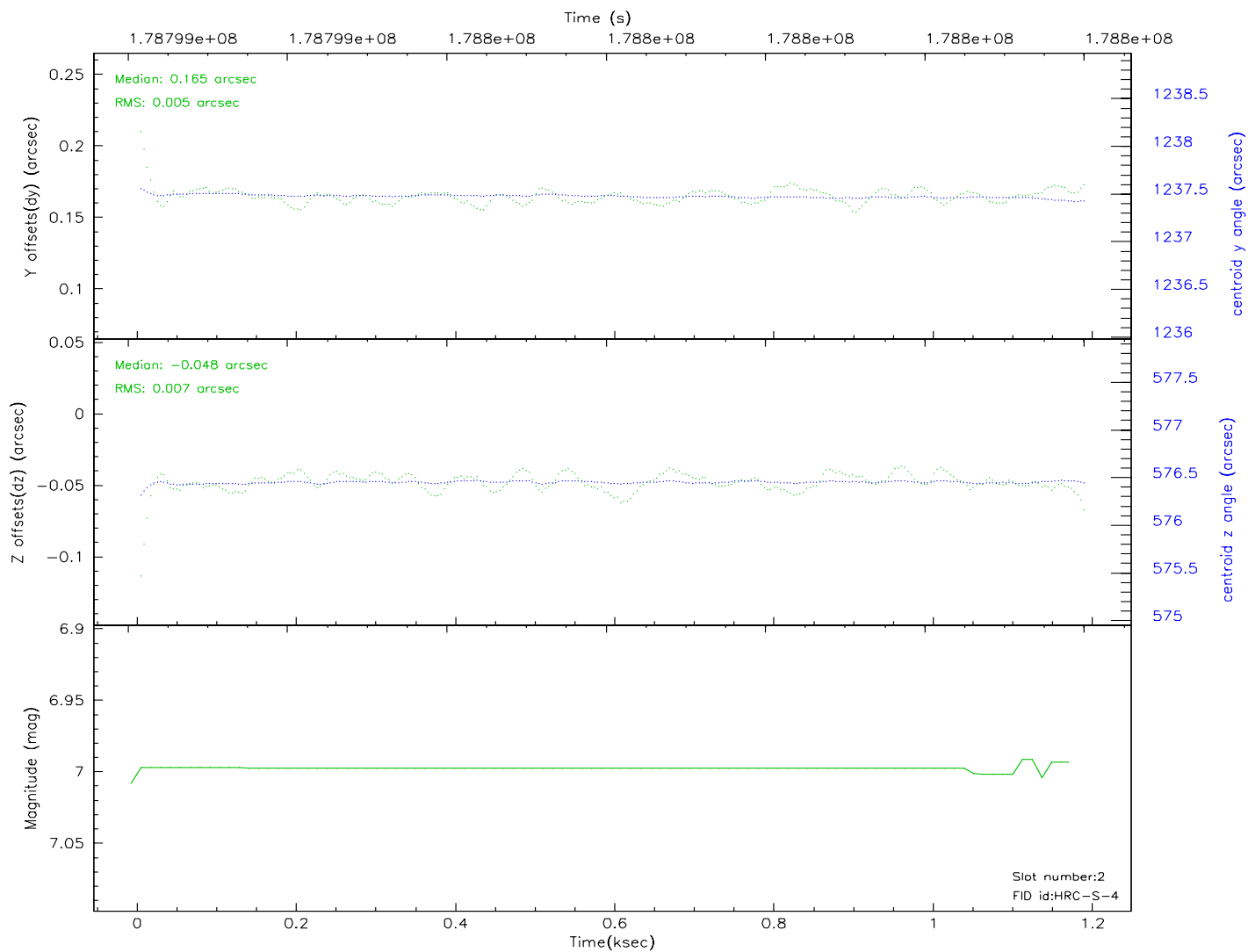
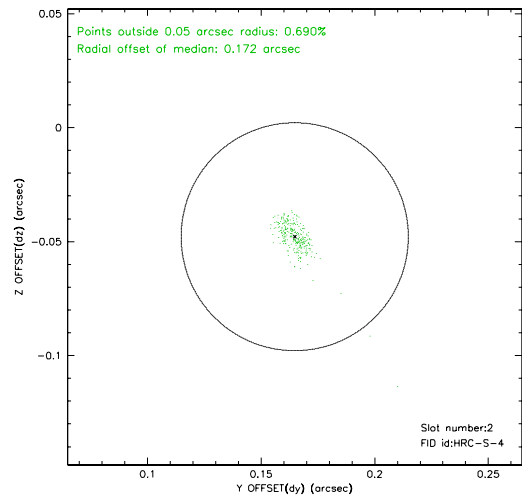
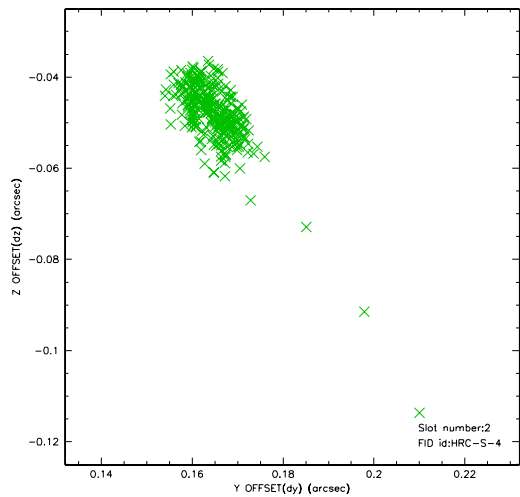
2.5.1 Slot 0



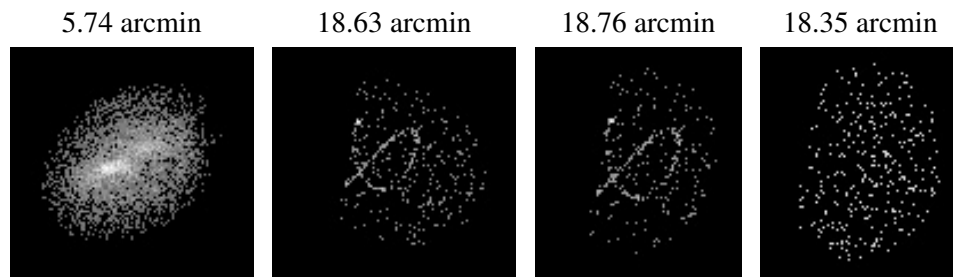
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.141

A.2 Comments

Monitor constraint met.