

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4329 - L2 Version 001
Chandra X-Ray Center

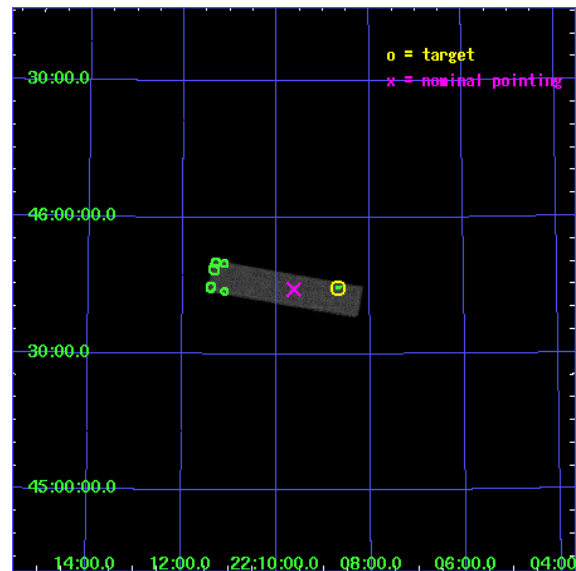
L2 Processing Date : Jul 7 2006

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1 Front

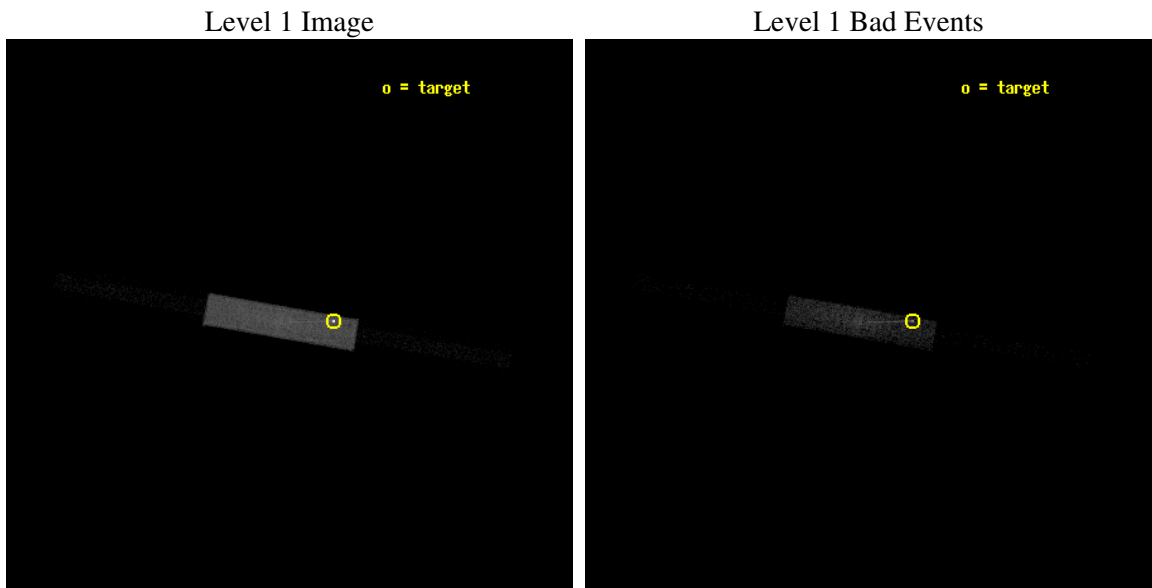
seq_num	290289
obs_id	4329
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.40629283736
dec_nom	45.737866446998
roll_nom	189.78417345616
revision	2
ontime	1142.1062988639
livetime	1136.3613658693
l2events	38173



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	2006-07-07T23:12:57
revision	2

sched_exp_time	1000.000000
ontime	1180.0313004851
l1events	66757

2.1.3 Events

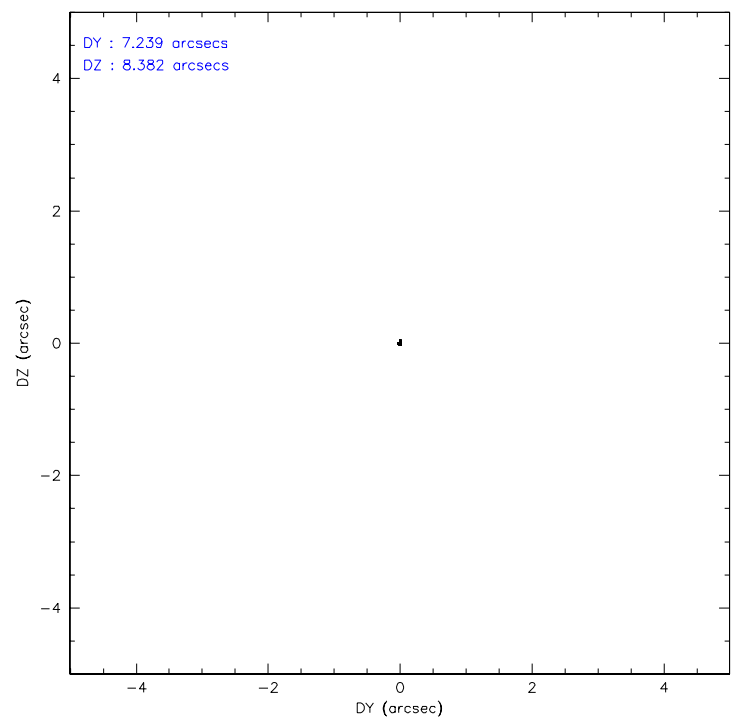
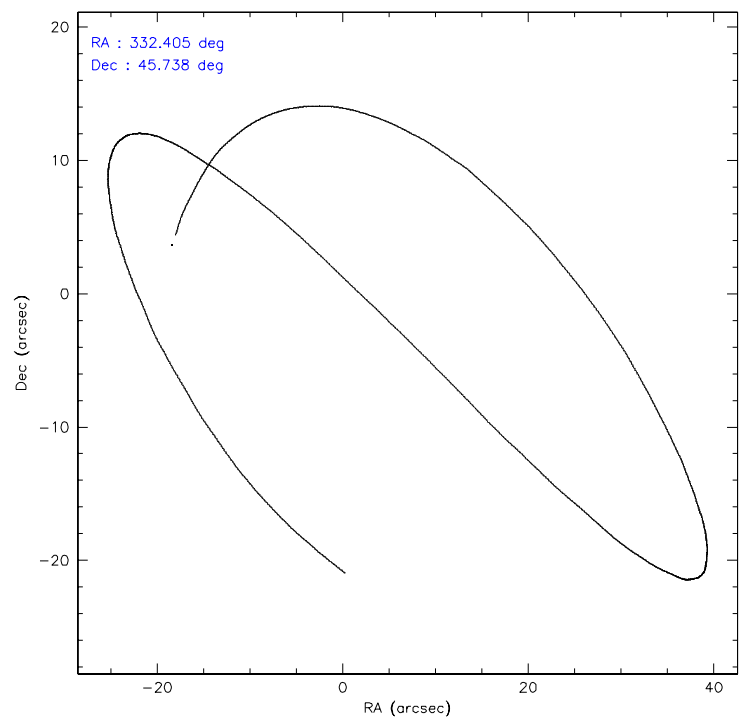
Level 1 Events

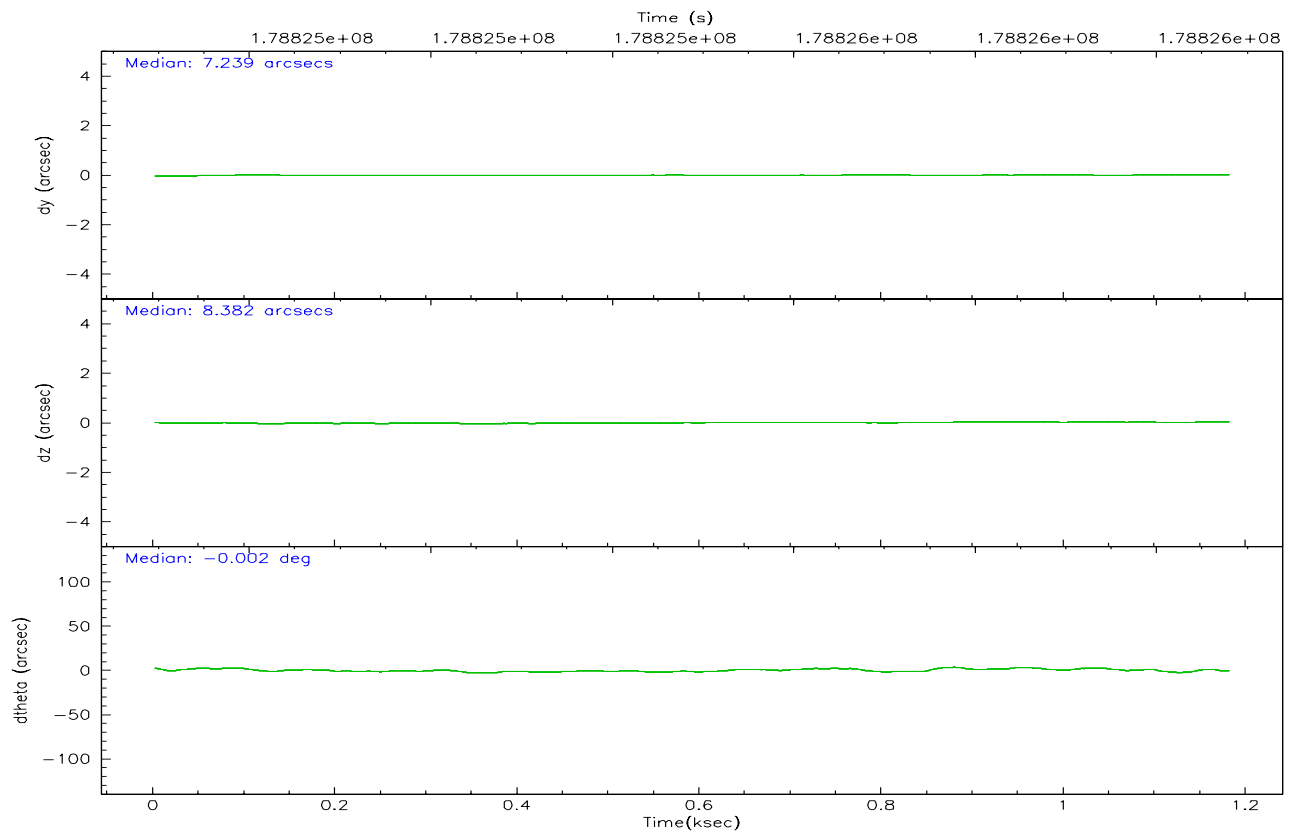
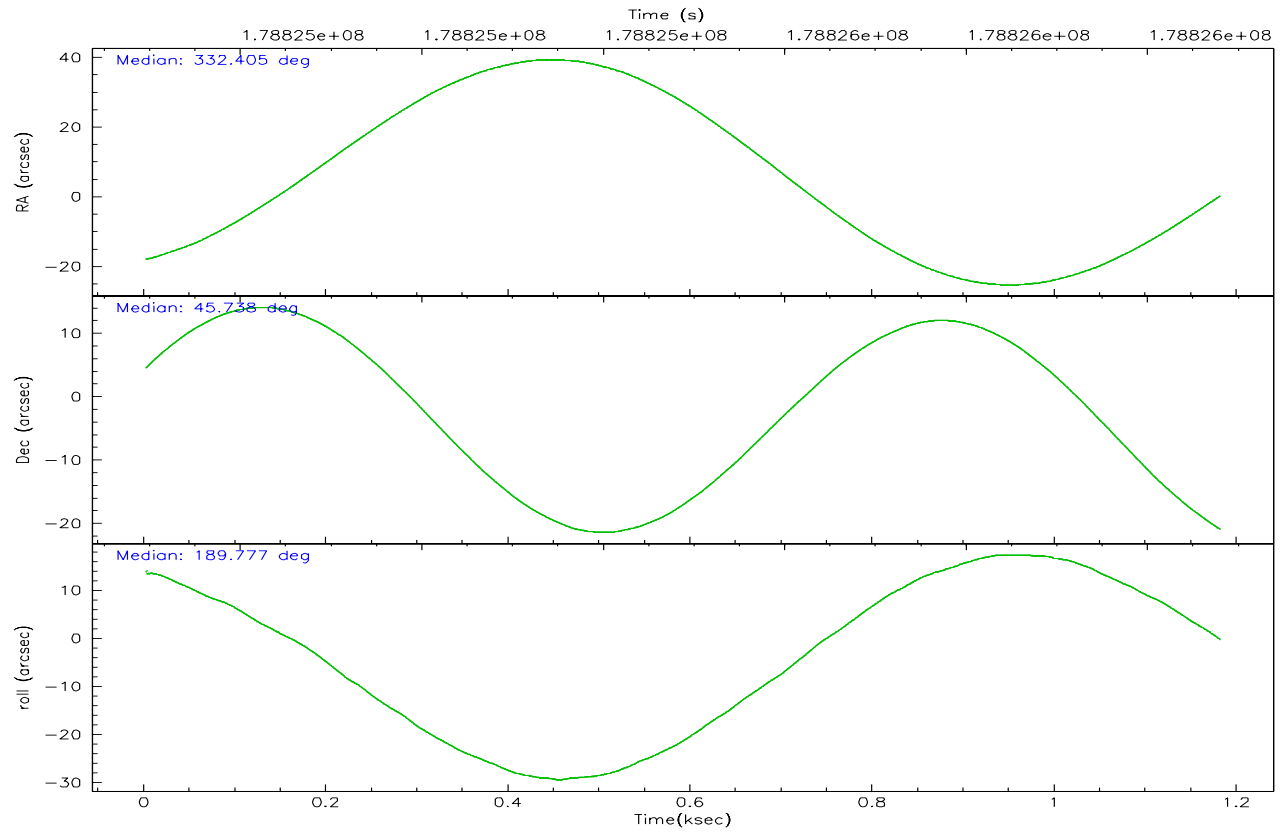
	segment 1	segment 2	segment 3
level 1 events	1072	64581	1104
rejected events	1072	23604	1104
rejected %	100%	36%	100%

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	332.436977	332.4062928373557			
Pointing Dec	45.756523	45.73786644699822			
Pointing Roll	189.694851	189.7841734561587			
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	178825078.184000	178824702.64569			
Observation start date	2003-09-01T17:36:54	2003-09-01T17:31:42			
Observation end time	178826078.184000	178826212.47075			
Observation end date	2003-09-01T17:53:34	2003-09-01T17:56:52			

2.3 Aspect



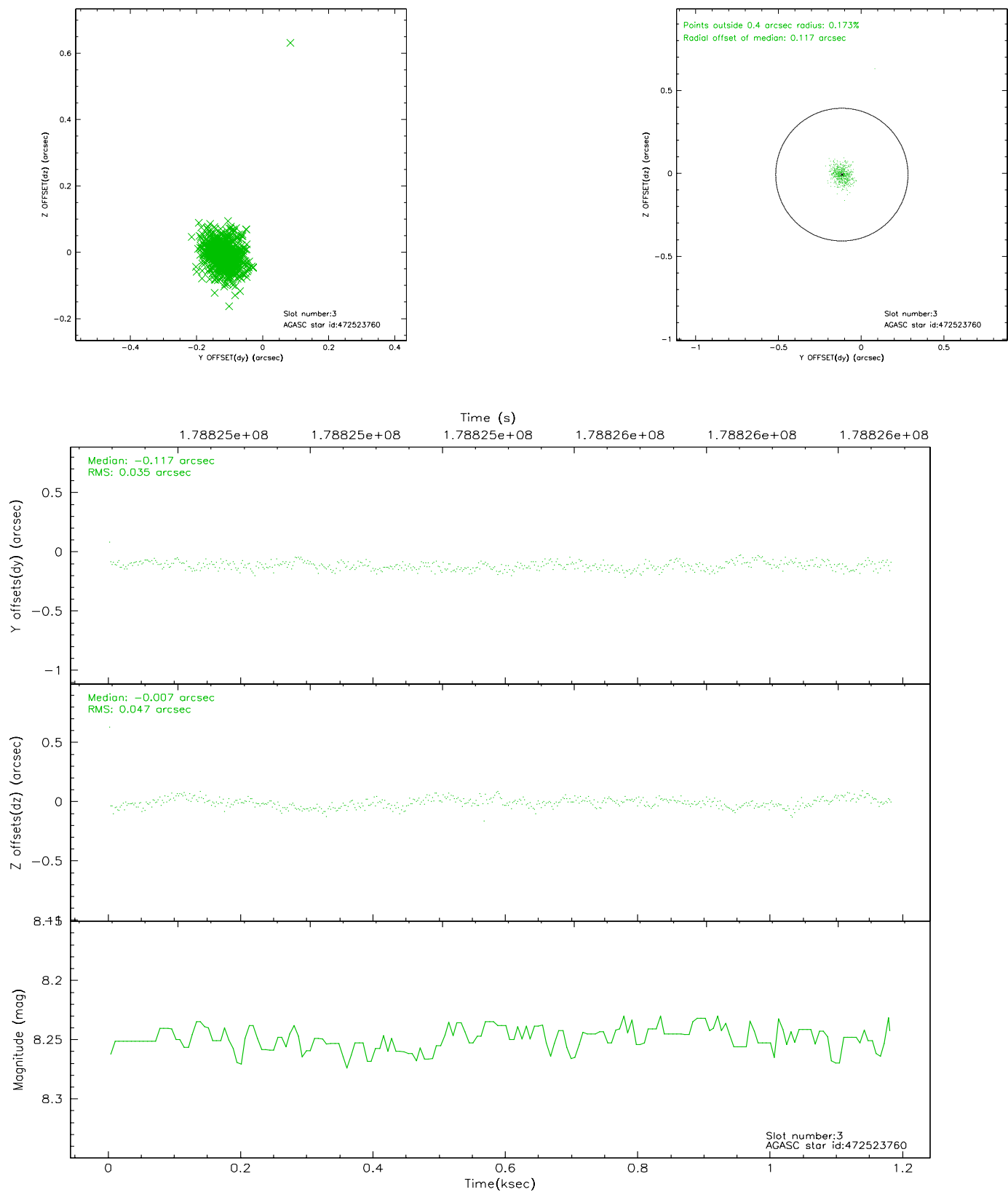


Slot Statistics

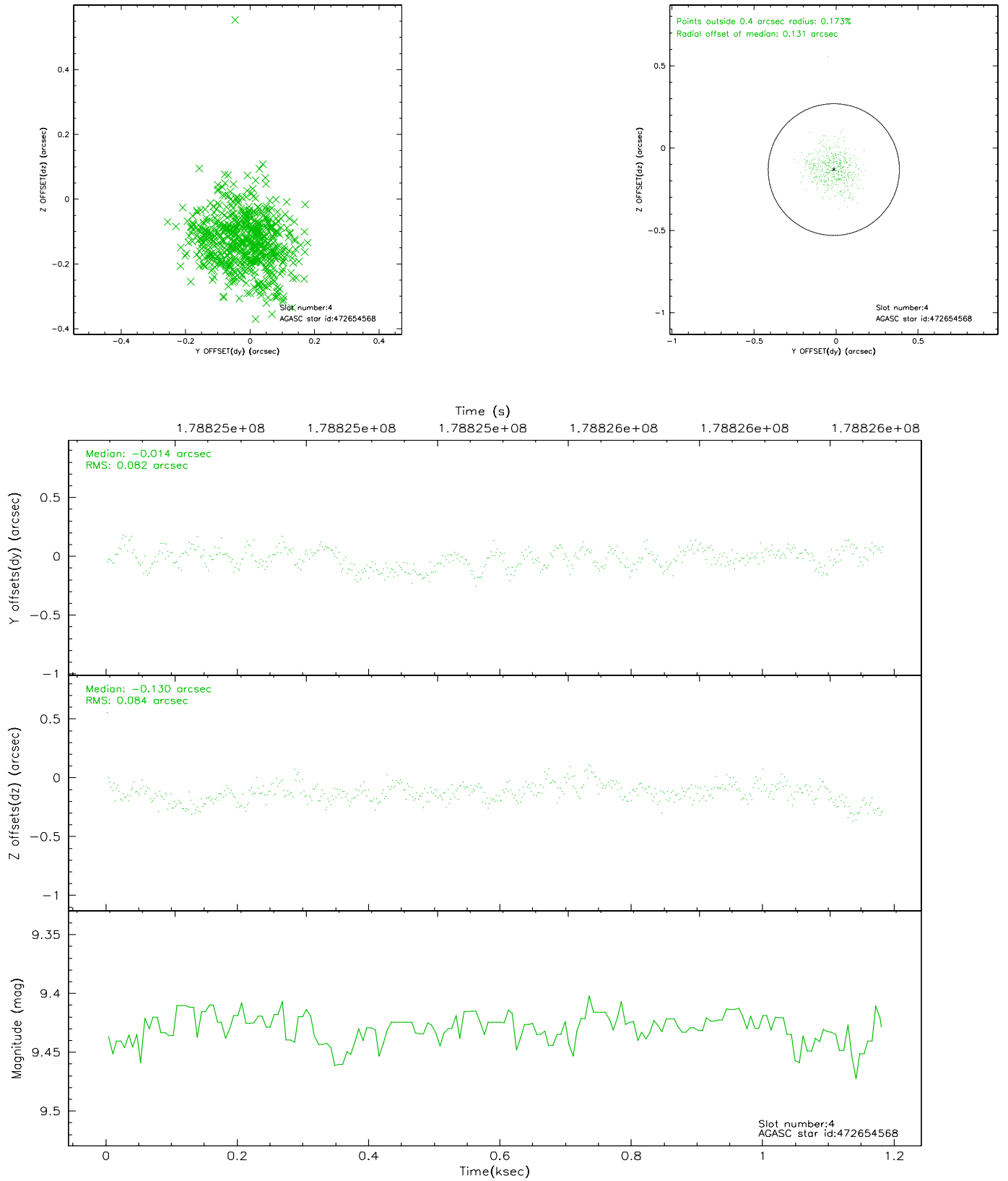
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	288	0.113	-0.136	0.007	0.012	0.000000	0.000000	-1161.43	-456.97
1	FID	HRC-S-3	7.03	288	0.069	-0.068	0.009	0.014	0.000000	0.000000	-1168.20	571.04
2	FID	HRC-S-4	6.99	288	0.206	-0.093	0.006	0.011	0.000000	0.000000	1232.89	577.09
3	GUIDE	472523760	8.25	577	-0.117	-0.007	0.055	0.090	331.645363	45.403260	2183.93	910.12
4	GUIDE	472654568	9.43	577	-0.014	-0.130	0.125	0.192	332.194449	45.063576	1030.63	2358.69
5	GUIDE	472655152	9.45	577	0.150	0.045	0.104	0.171	332.504239	45.862991	-229.47	-342.48
6	GUIDE	472659832	9.47	576	0.006	0.053	0.094	0.158	332.780399	46.098139	-1053.40	-1067.53
7	GUIDE	472533912	9.17	576	-0.012	0.032	0.104	0.169	331.791136	46.368695	1207.11	-2447.70

2.4 Star Slots

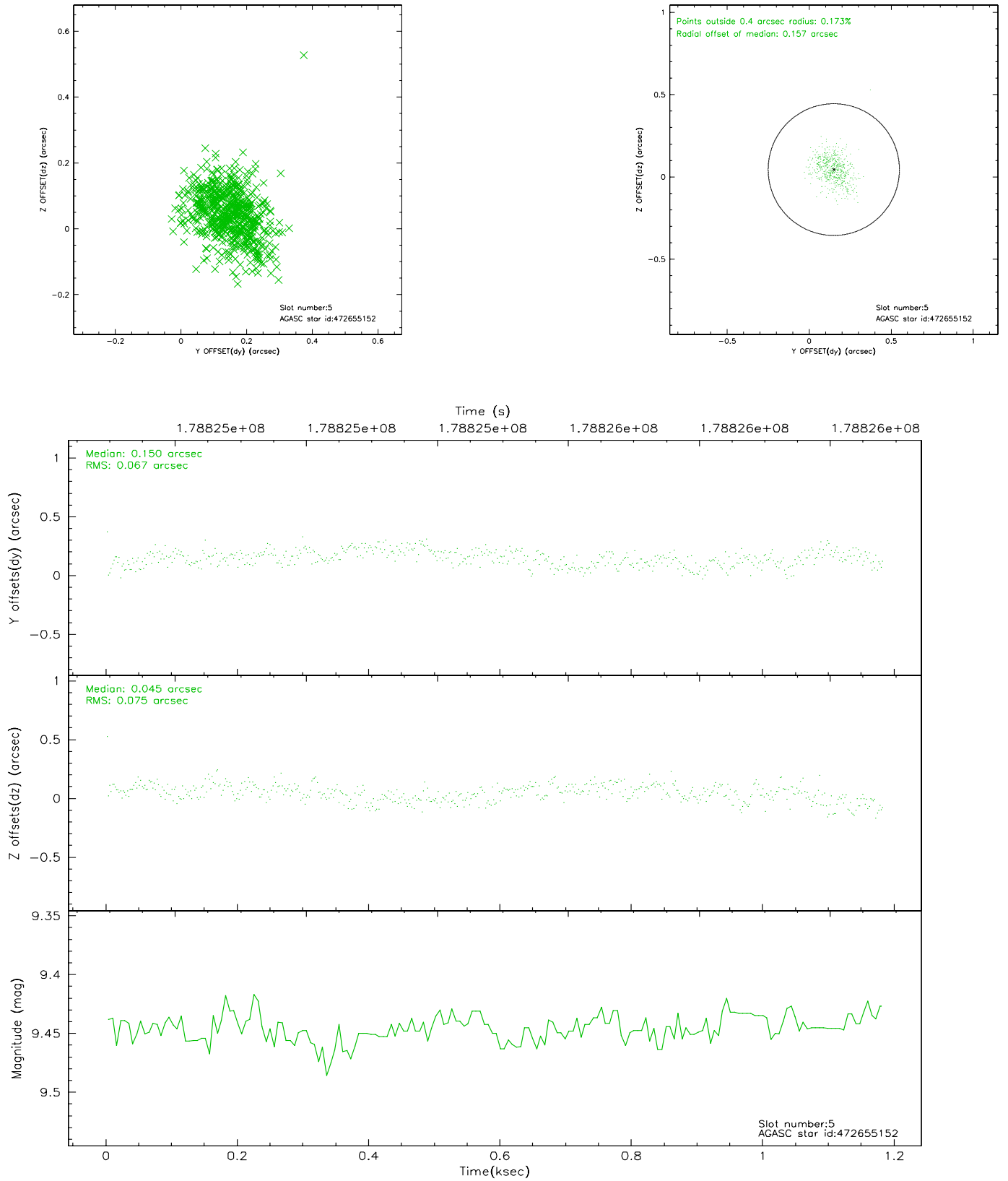
2.4.1 Slot 3



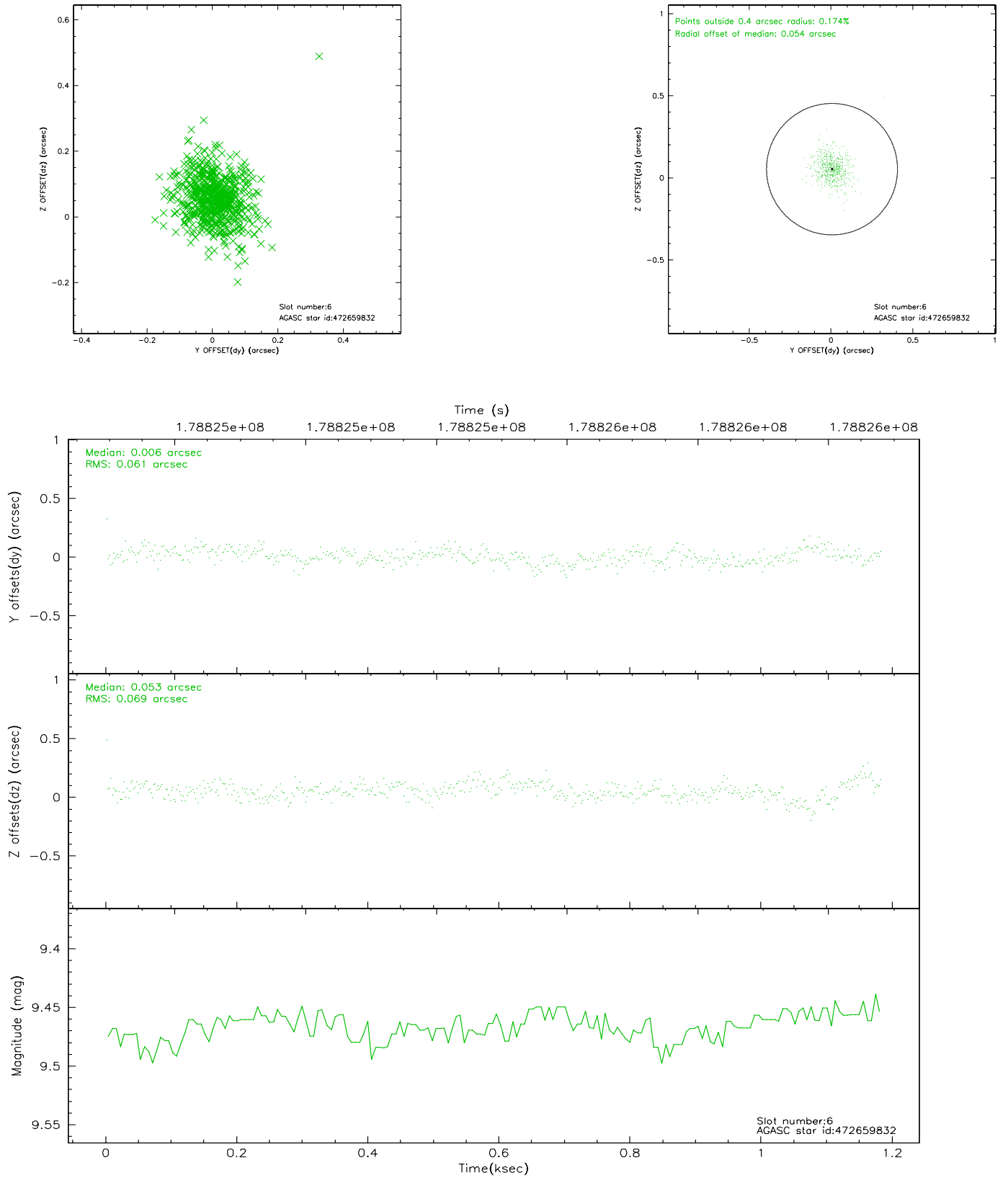
2.4.2 Slot 4



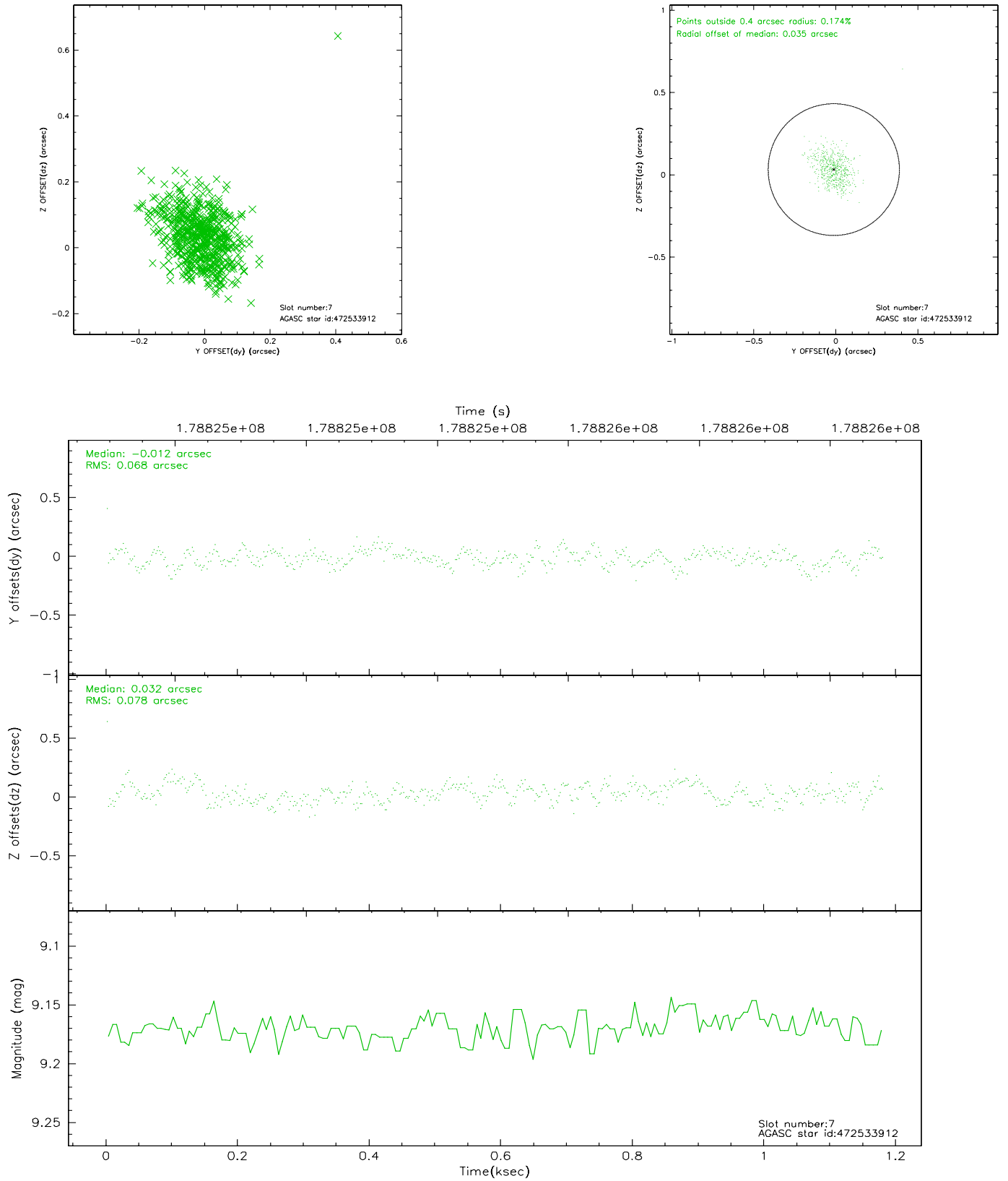
2.4.3 Slot 5



2.4.4 Slot 6

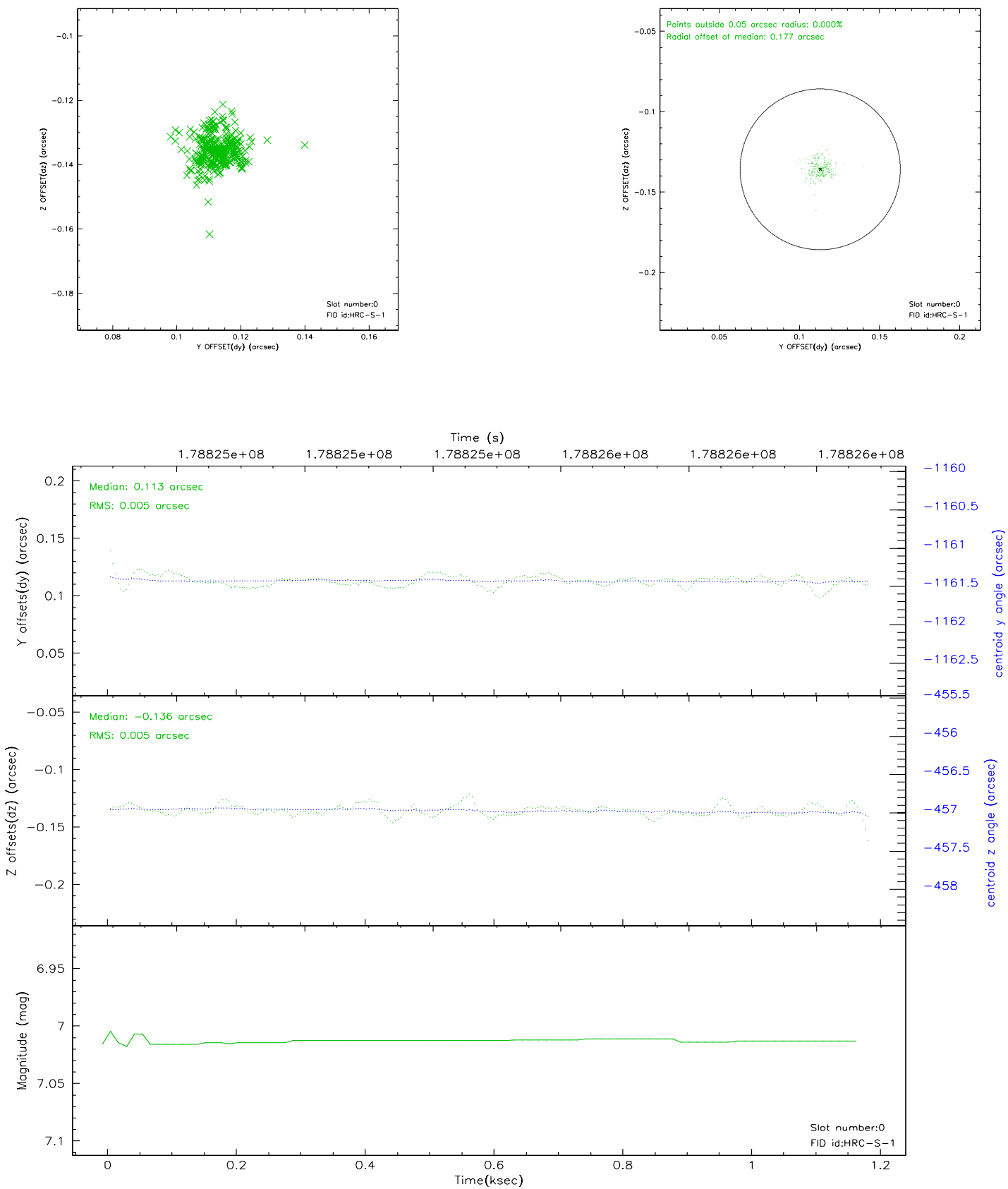


2.4.5 Slot 7

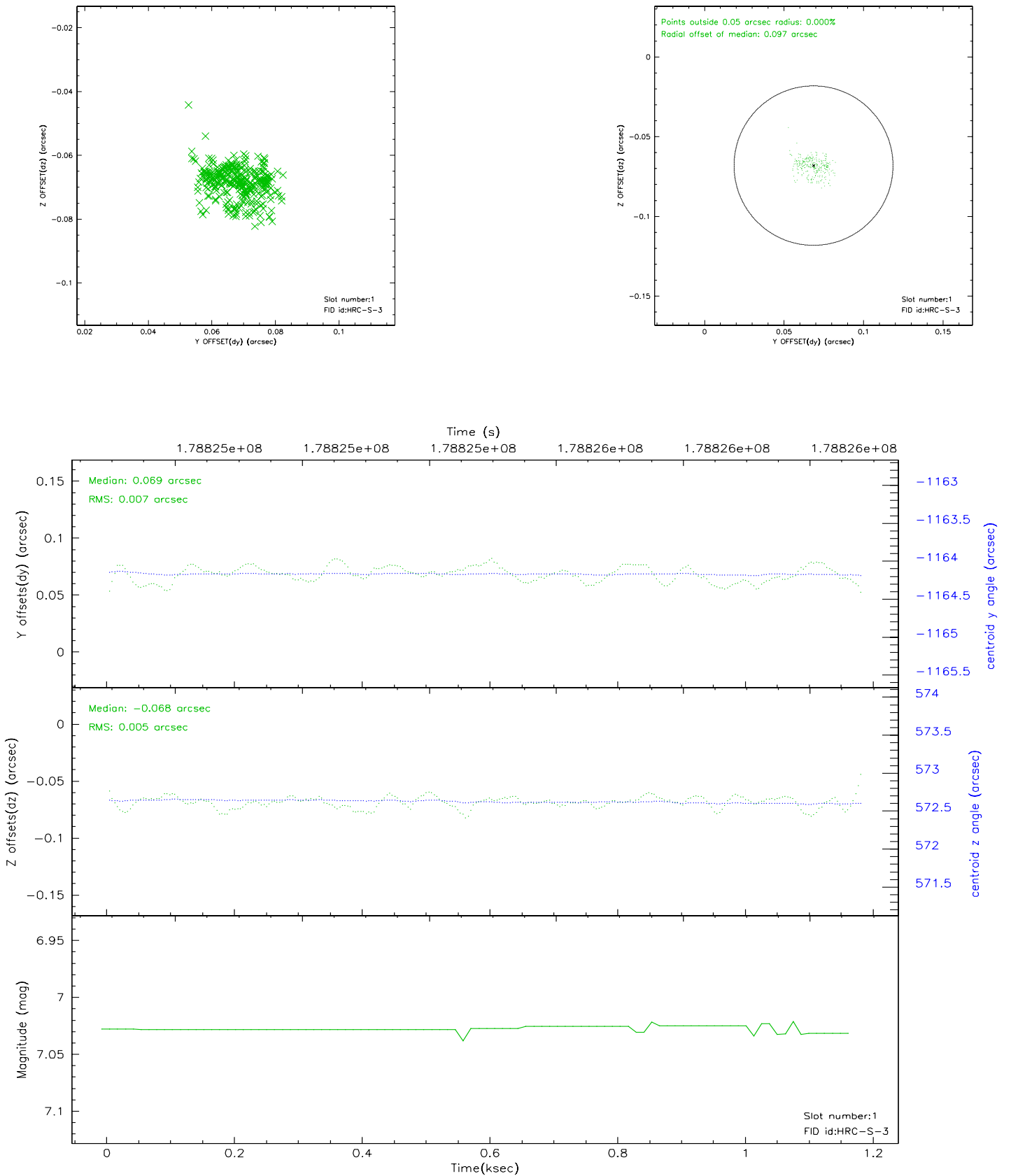


2.5 FID Slots

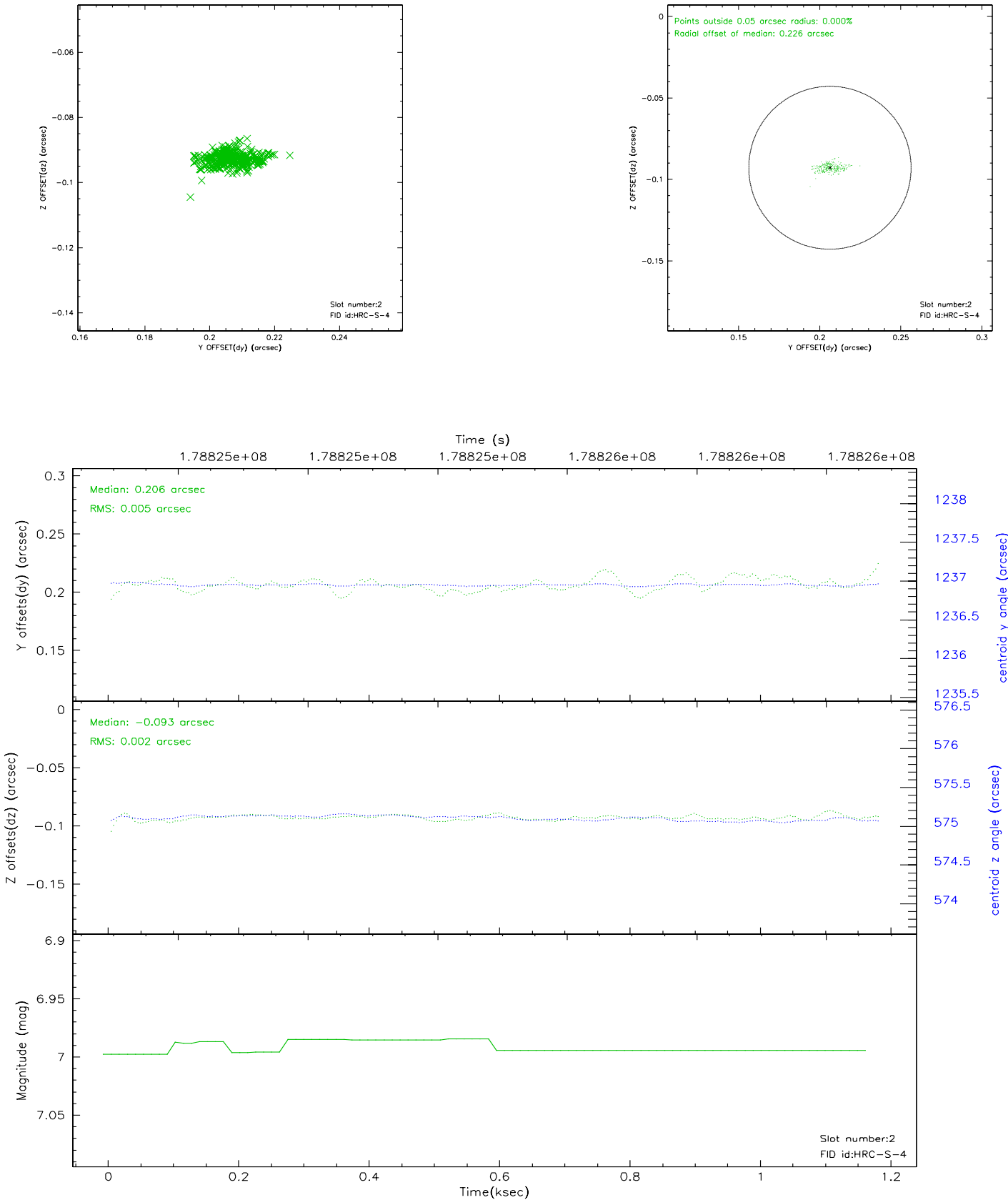
2.5.1 Slot 0



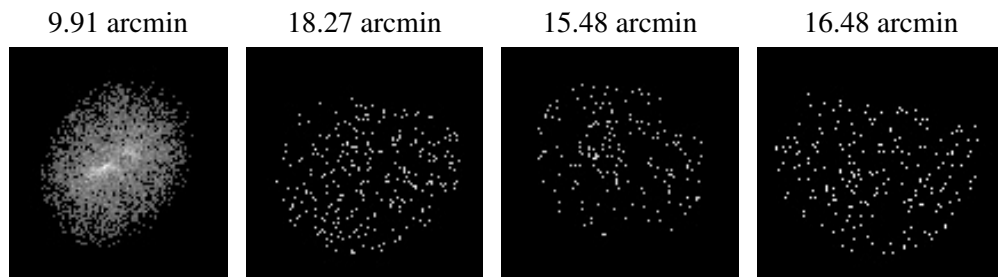
2.5.2 Slot 1



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	1.142

A.2 Comments

Monitor constraint met.

Target is near the edge of the chip.