

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2627 - L2 Version 001
Chandra X-Ray Center

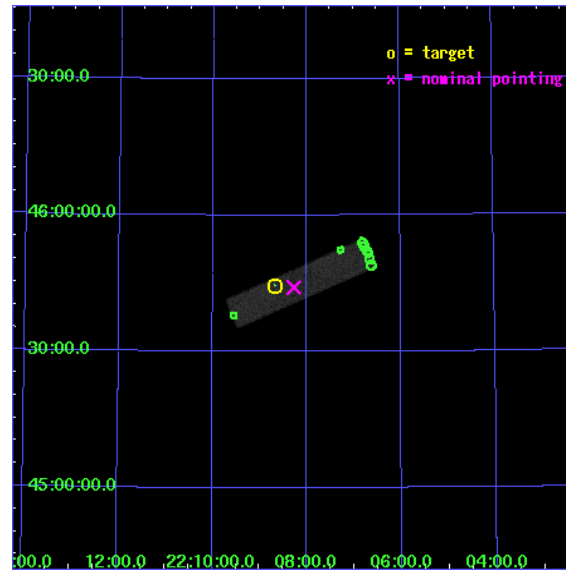
L2 Processing Date : Aug 28 2006

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

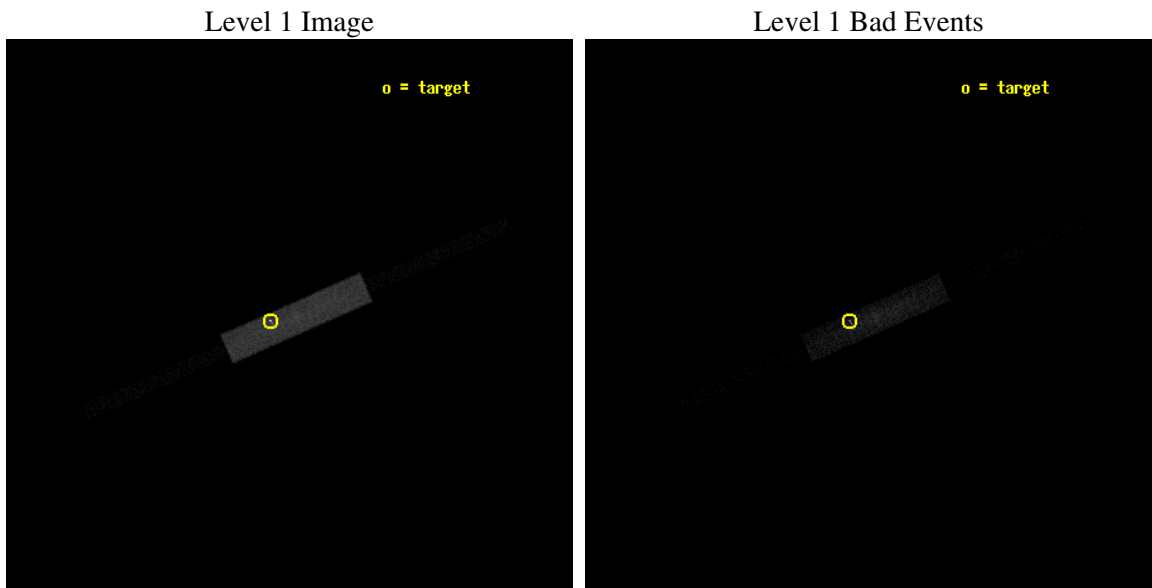
seq_num	290183
obs_id	2627
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.06859249726
dec_nom	45.735760543019
roll_nom	336.30134585744
revision	2
ontime	1142.1062960029
livetime	1135.4704490785
l2events	43420



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-28T20:31:55
revision	2

sched_exp_time	1000.000000
ontime	1192.3312980384
l1events	75519

2.1.3 Events

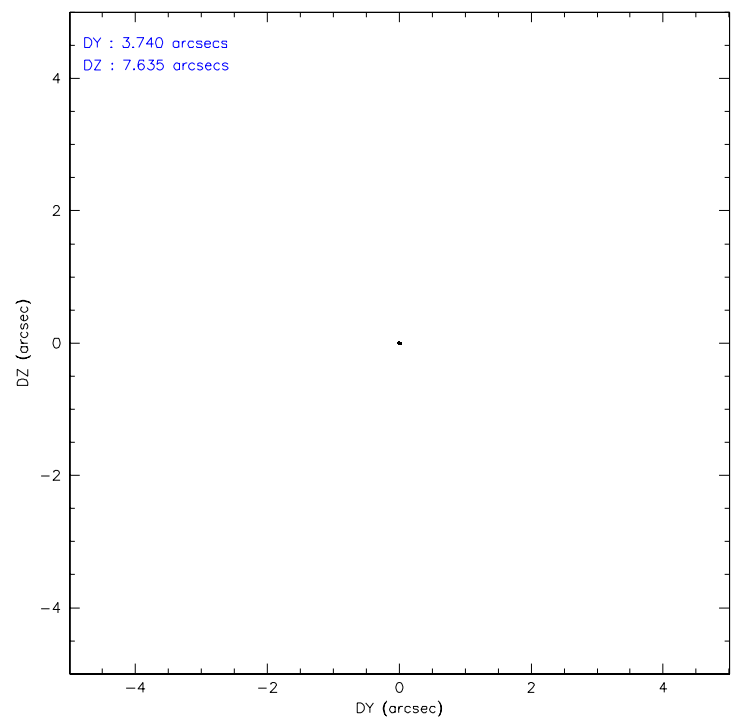
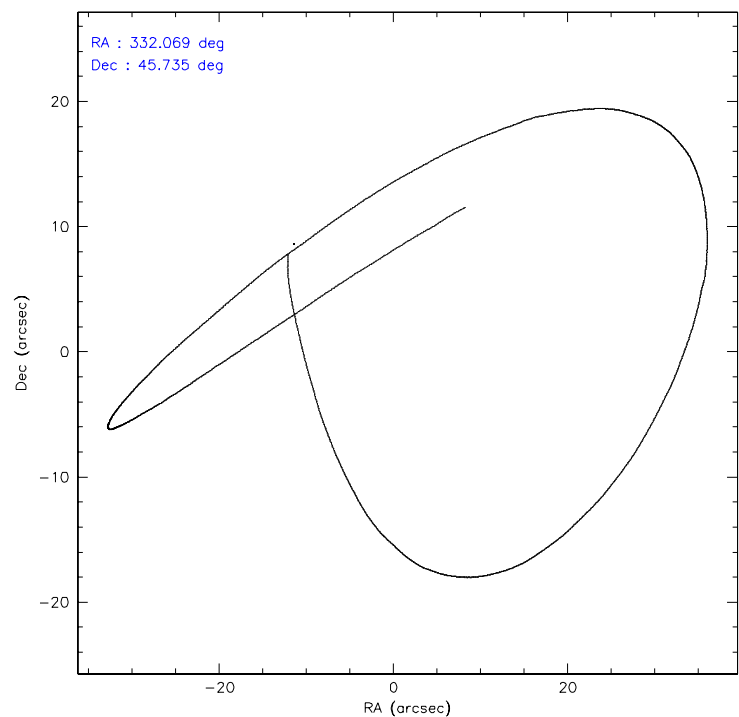
Level 1 Events

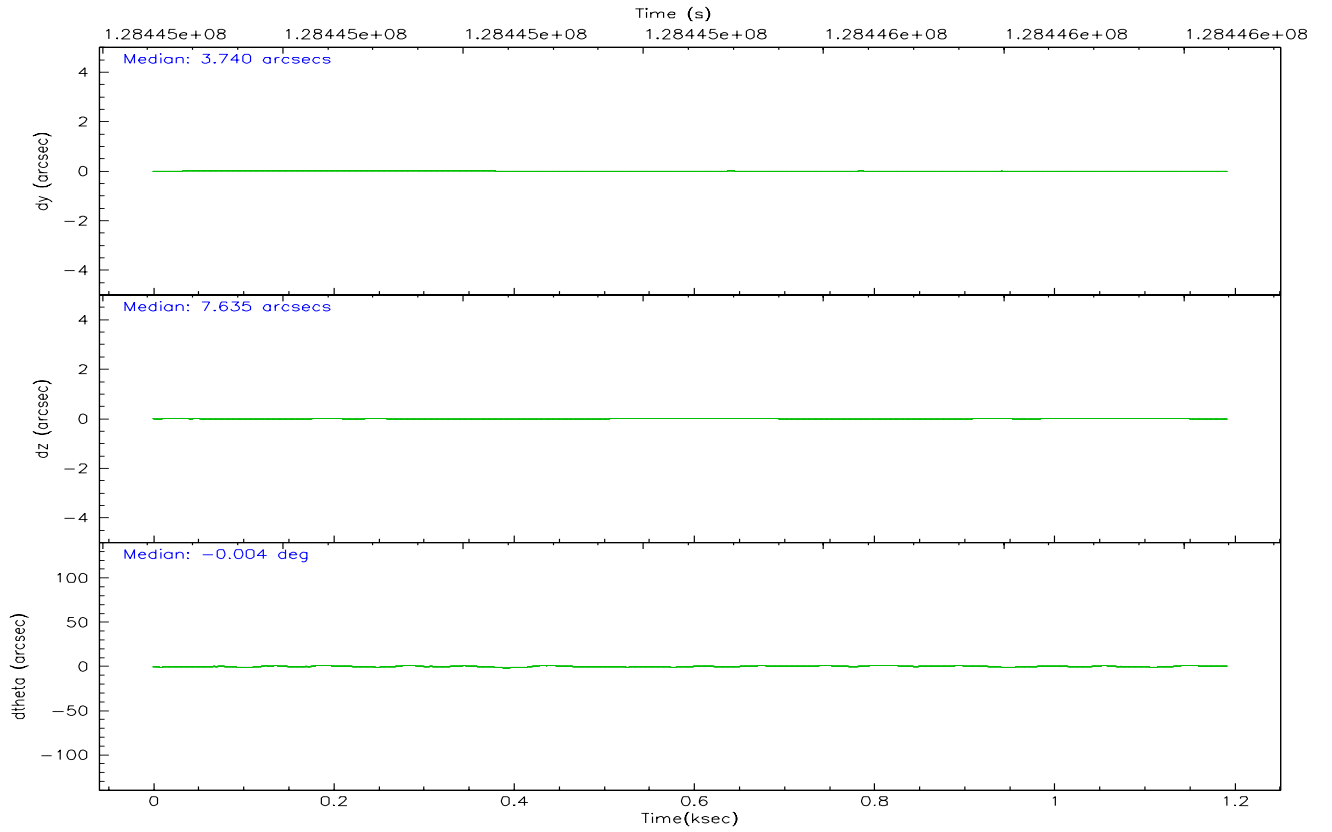
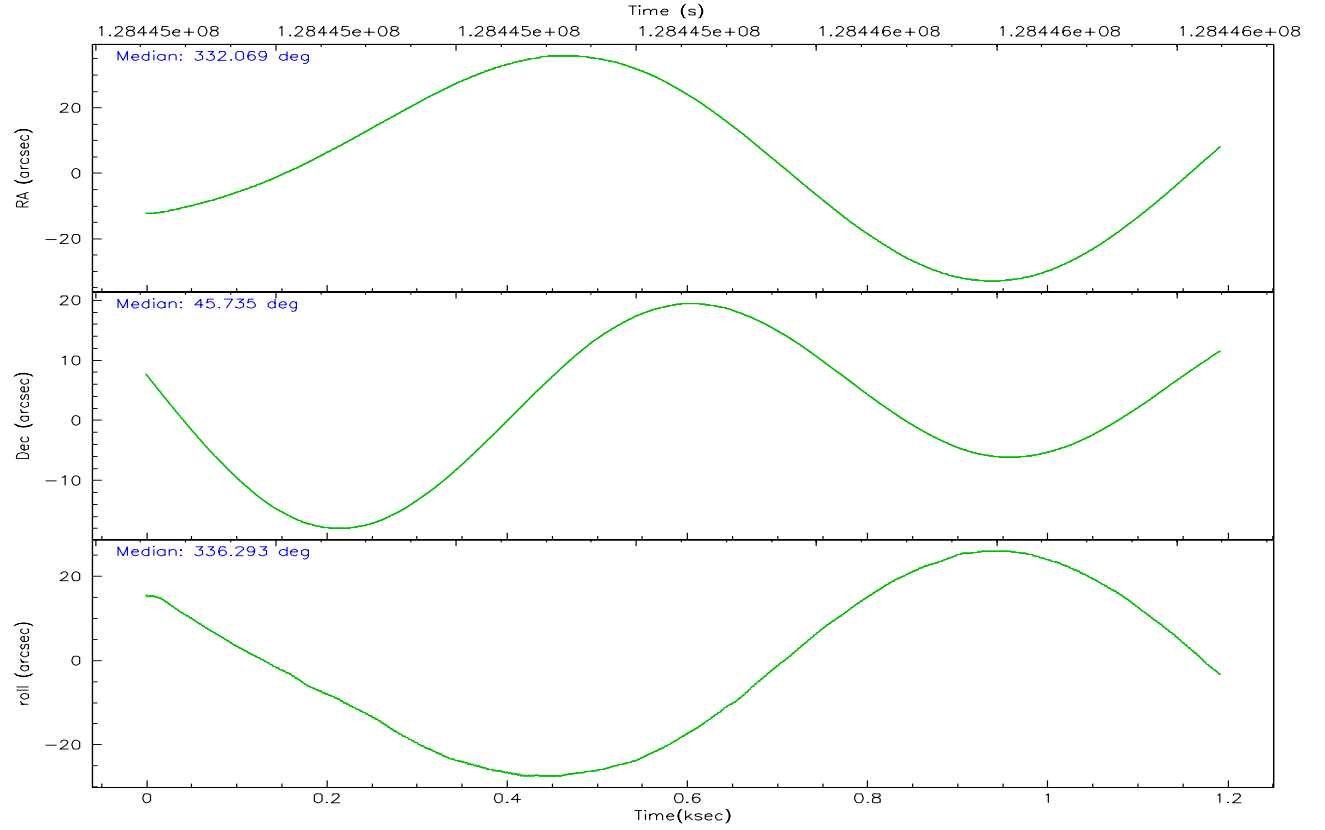
	segment 1	segment 2	segment 3
level 1 events	1478	72601	1440
rejected events	1478	26350	1440
rejected %	100%	36%	100%

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	332.028934	332.0685924972641			
Pointing Dec	45.732161	45.73576054301925			
Pointing Roll	336.262435	336.3013458574362			
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	128445047.184000	128444671.35092			
Observation start date	2002-01-26T15:09:43	2002-01-26T15:04:31			
Observation end time	128446047.184000	128446181.17598			
Observation end date	2002-01-26T15:26:23	2002-01-26T15:29:41			

2.3 Aspect



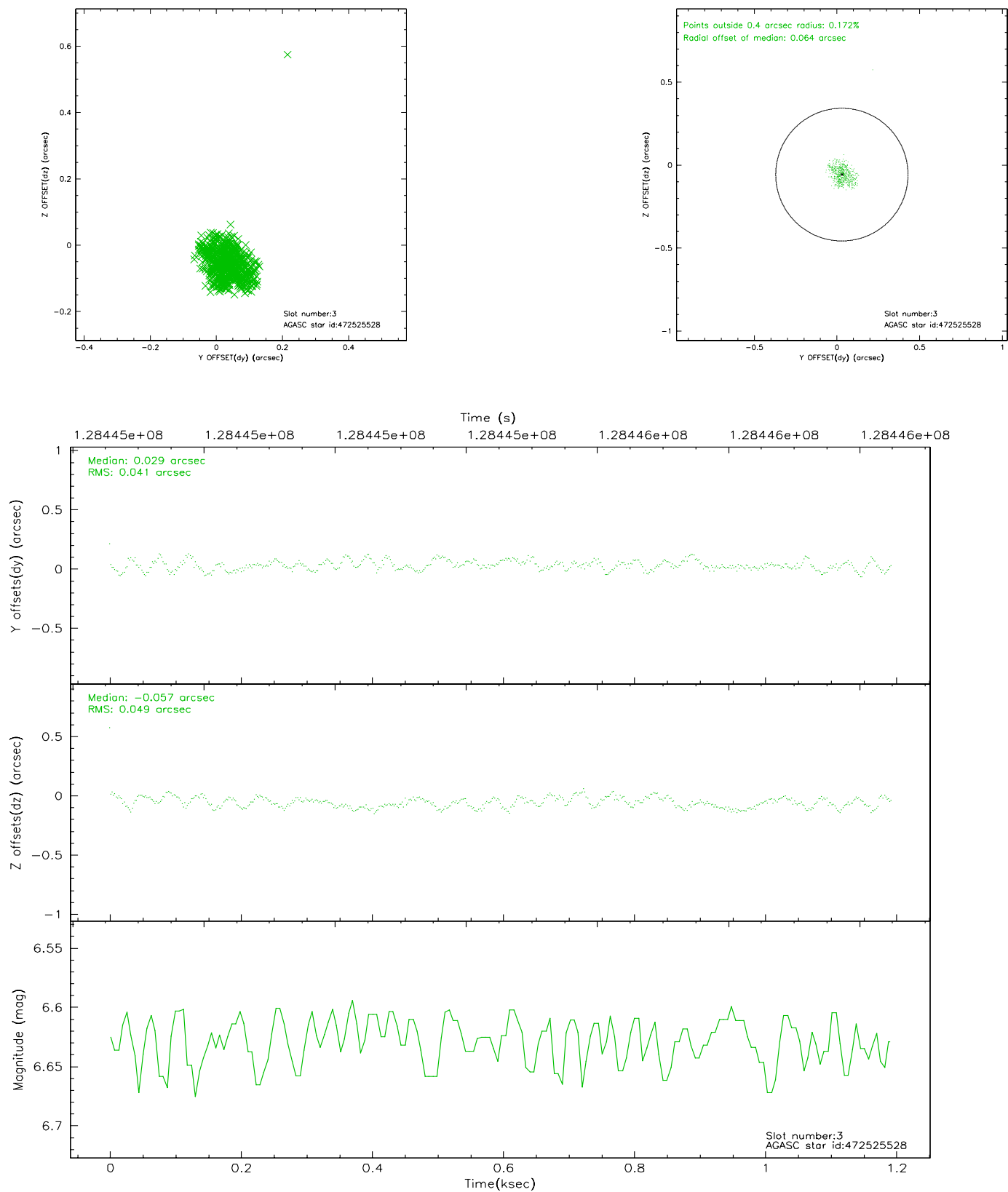


Slot Statistics

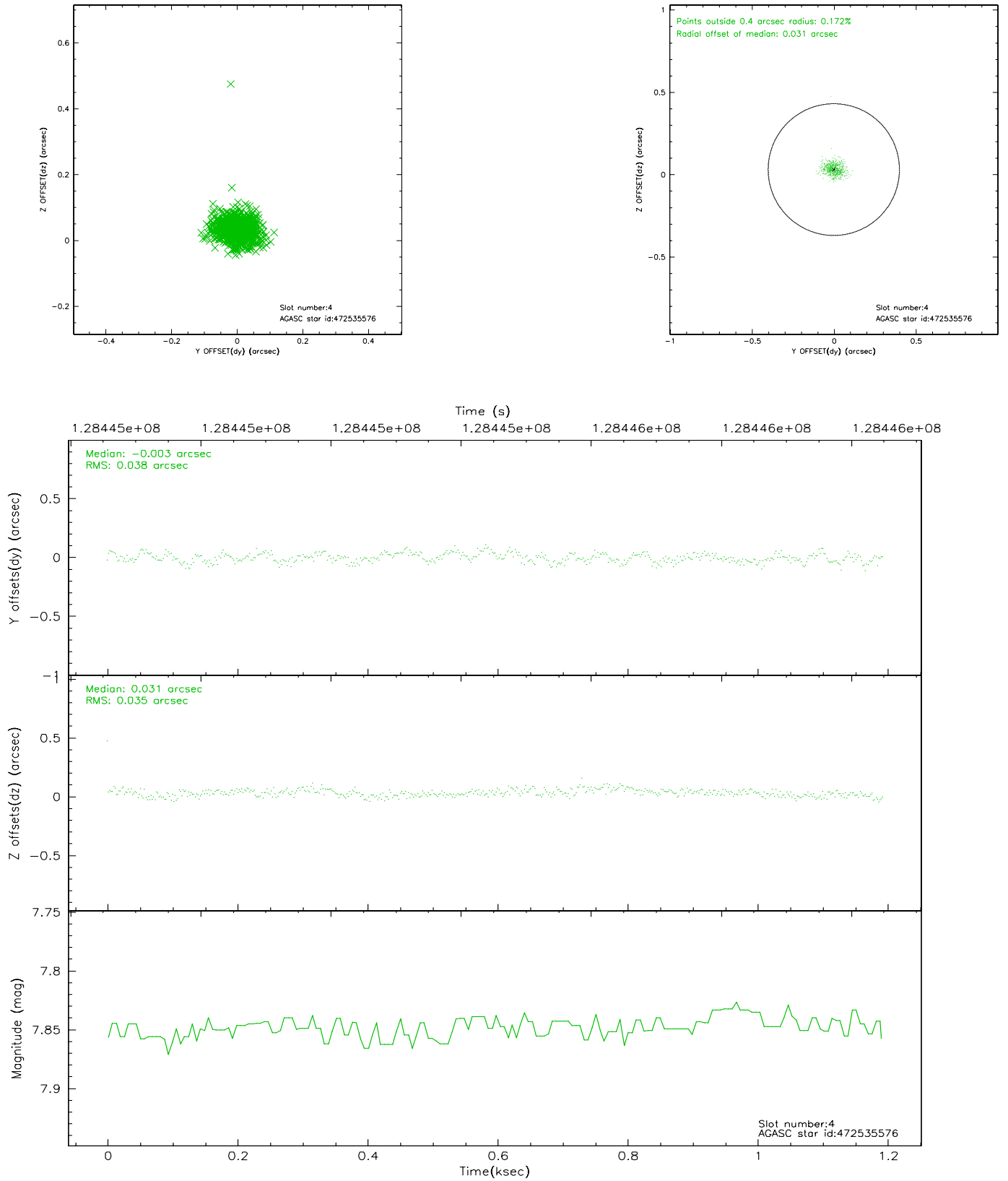
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	291	0.152	-0.085	0.007	0.013	0.000000	0.000000	-1157.78	-456.18
1	FID	HRC-S-2	6.99	291	0.075	-0.087	0.005	0.009	0.000000	0.000000	1237.85	-450.36
2	FID	HRC-S-3	7.01	291	0.163	-0.130	0.007	0.013	0.000000	0.000000	-1156.24	571.76
3	GUIDE	472525528	6.63	583	0.029	-0.057	0.064	0.096	331.551102	45.248694	-409.72	-2073.85
4	GUIDE	472535576	7.85	583	-0.003	0.031	0.052	0.084	331.438373	46.291802	-2159.49	1257.80
5	GUIDE	472536328	8.13	583	-0.043	0.100	0.057	0.093	331.496671	46.454831	-2262.15	1859.86
6	GUIDE	472665256	9.02	583	-0.050	-0.064	0.098	0.146	332.808125	46.195041	1098.00	2322.72
7	GUIDE	472654568	9.44	582	0.057	-0.016	0.091	0.149	332.194449	45.063576	1355.68	-2025.58

2.4 Star Slots

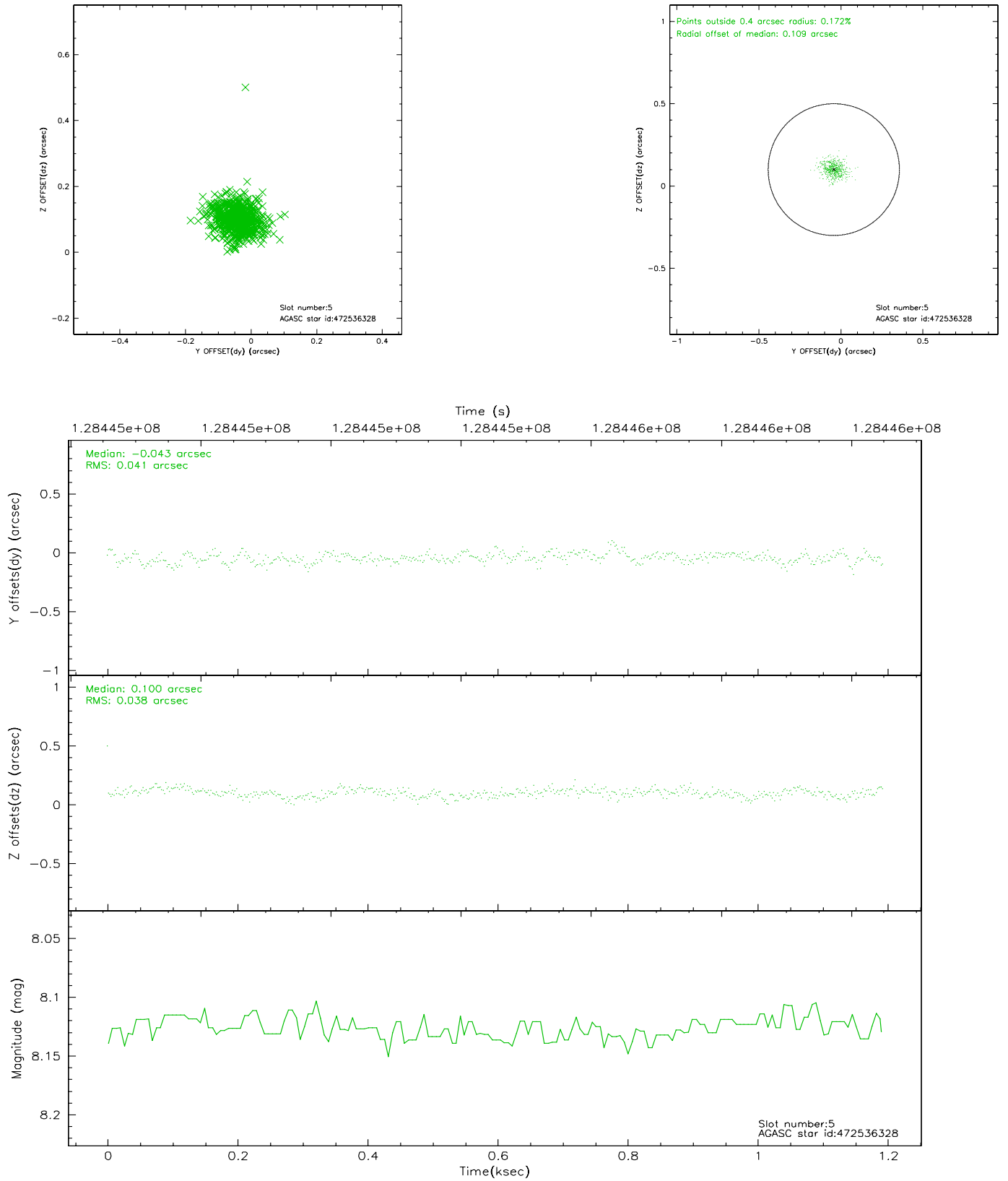
2.4.1 Slot 3



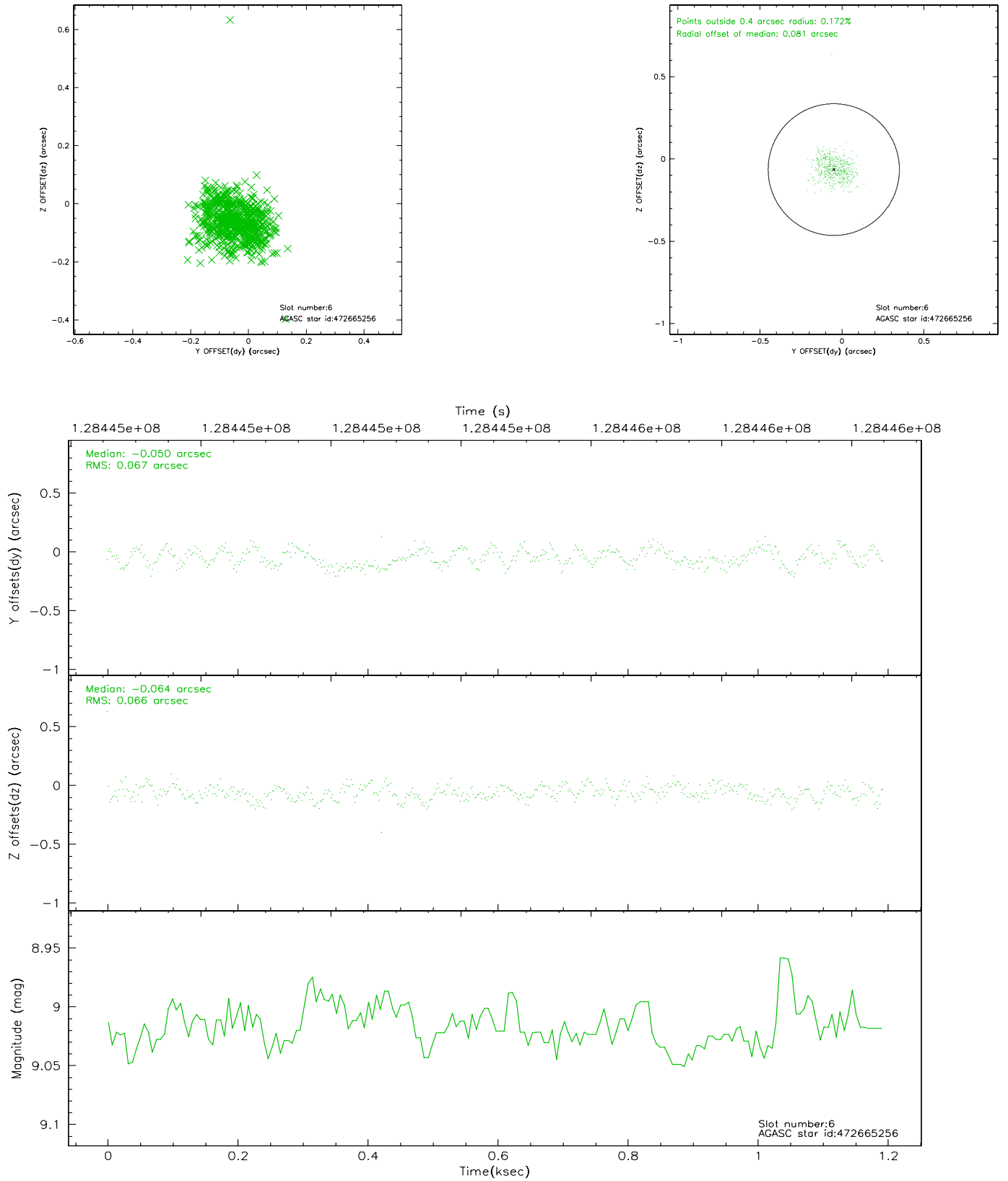
2.4.2 Slot 4



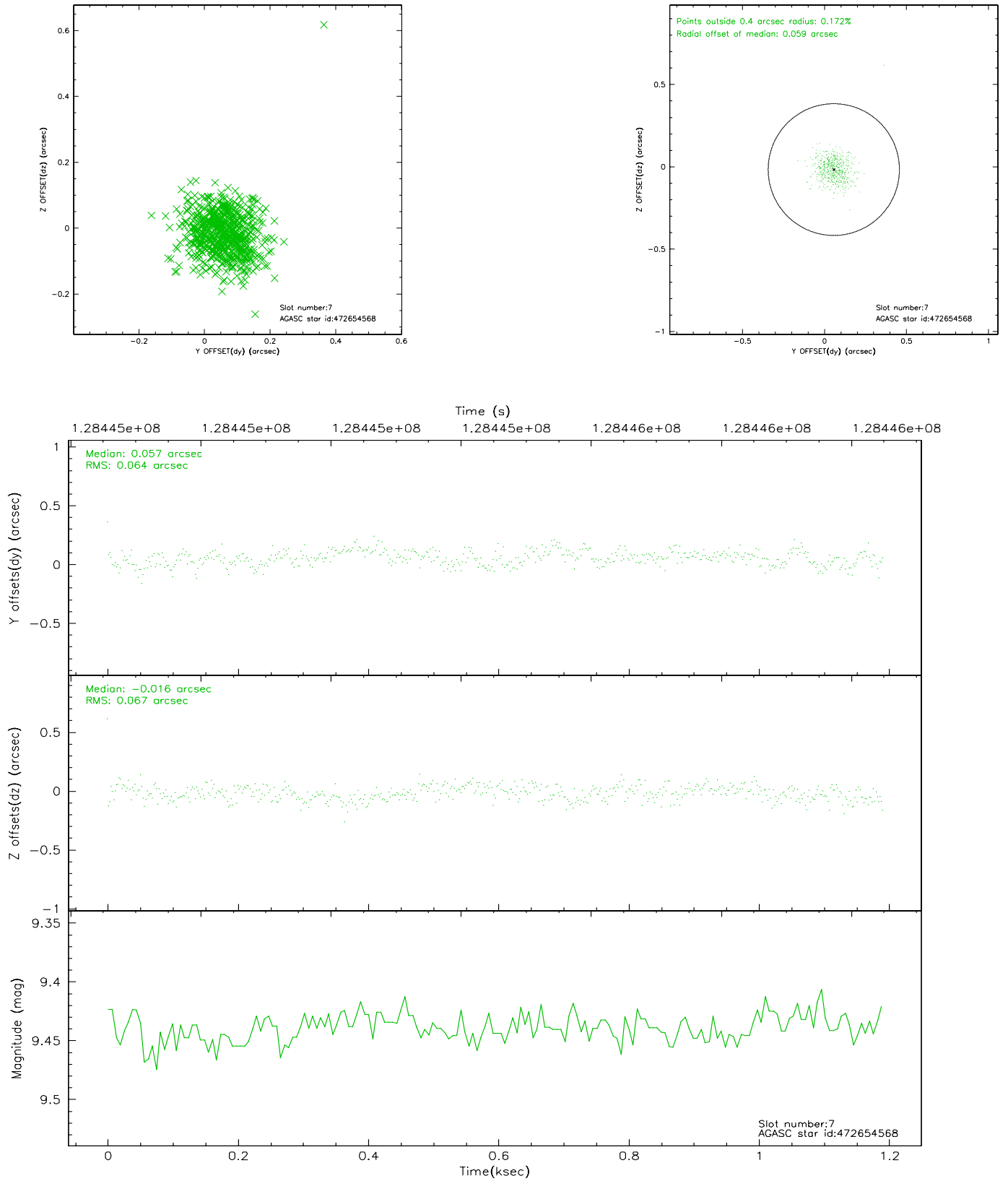
2.4.3 Slot 5



2.4.4 Slot 6

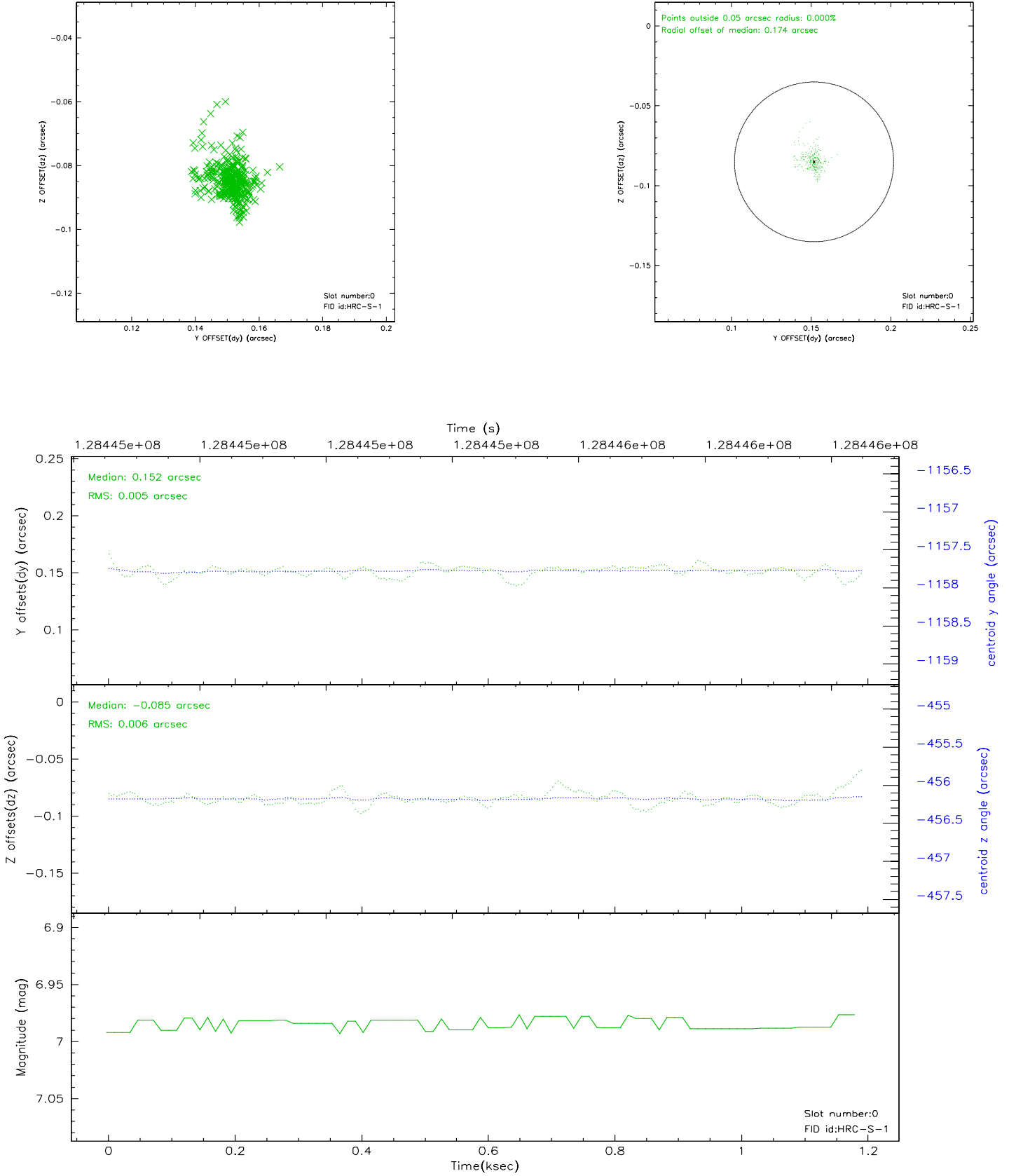


2.4.5 Slot 7

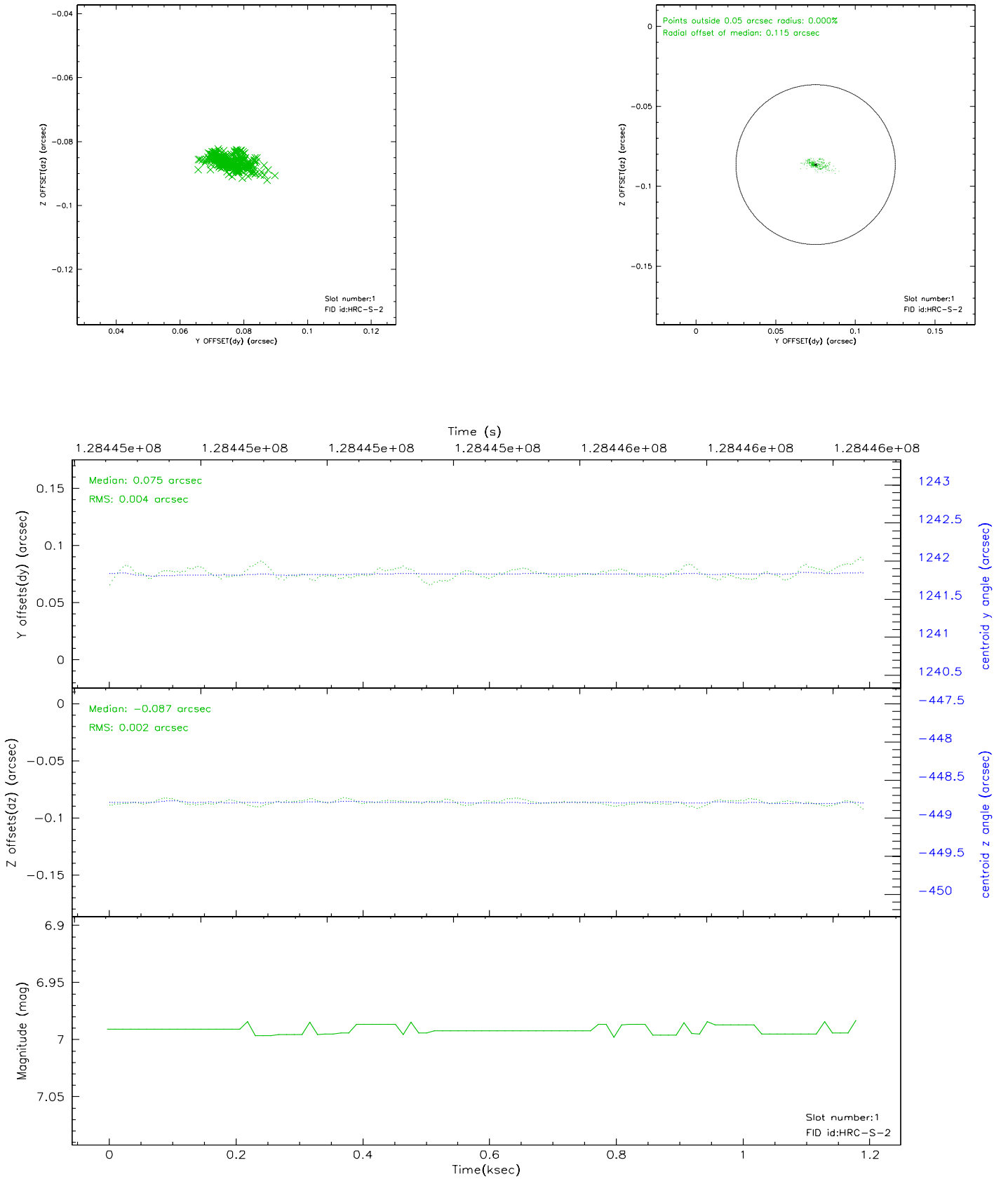


2.5 FID Slots

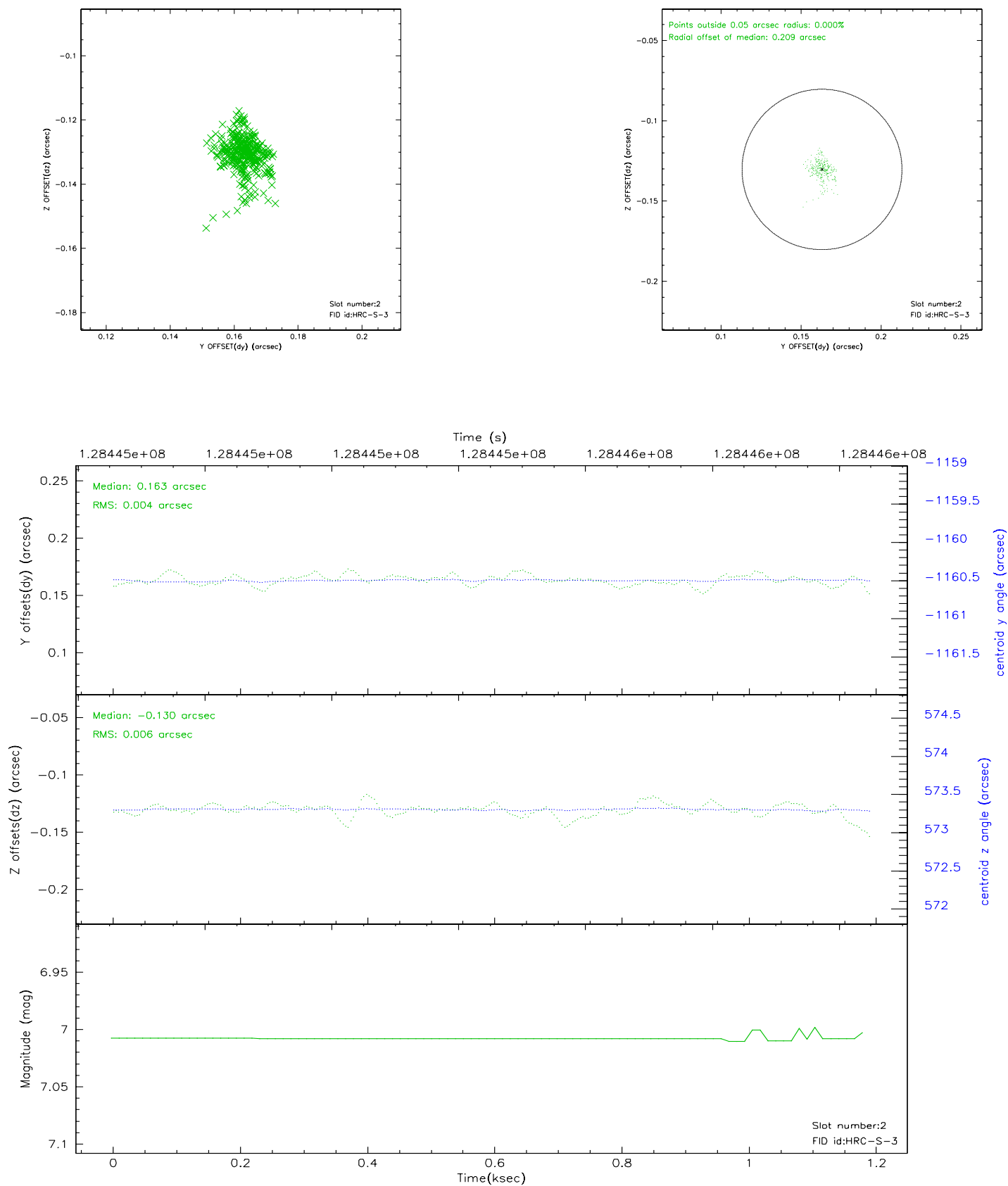
2.5.1 Slot 0



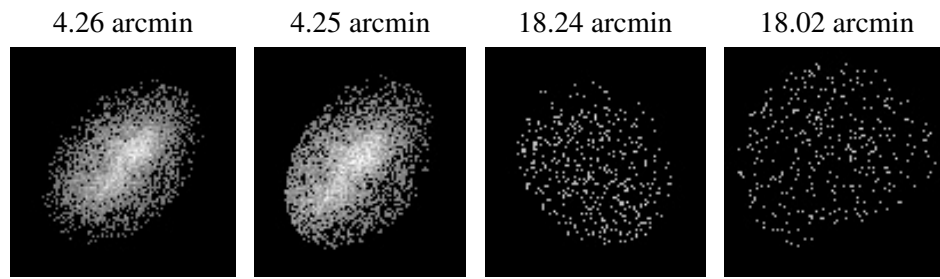
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments