

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4324 - L2 Version 001
Chandra X-Ray Center

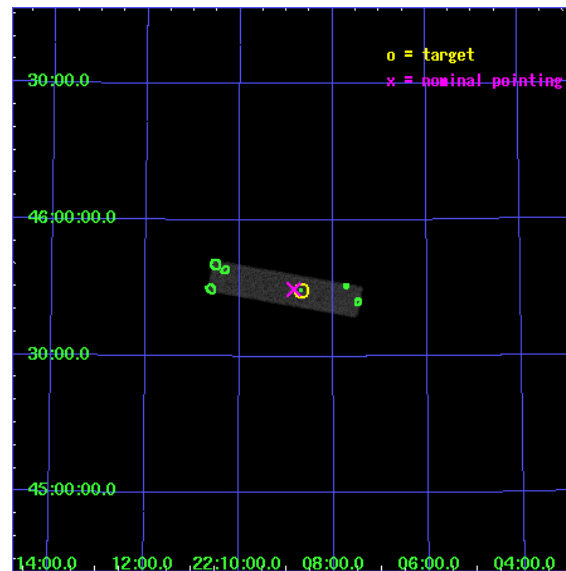
L2 Processing Date : Jul 7 2006

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

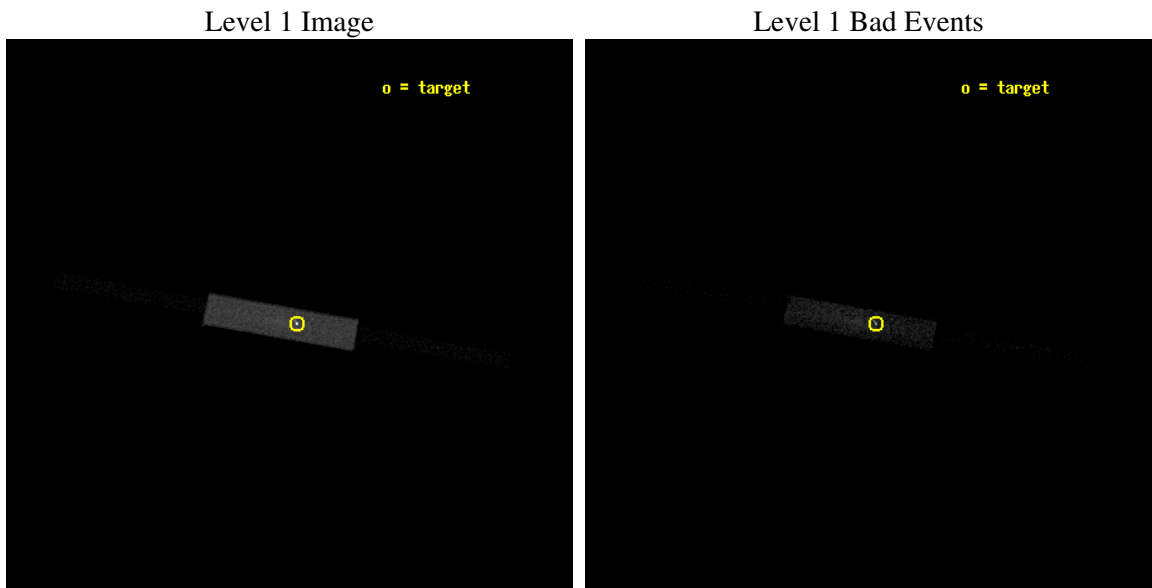
seq_num	290284
obs_id	4324
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21034040858
dec_nom	45.746955794013
roll_nom	189.91906354077
revision	2
ontime	1141.0812988579
livetime	1135.3156853028
l2events	38682



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	2006-07-07T22:01:10
revision	2

sched_exp_time	1000.000000
ontime	1189.2563009262
l1events	67731

2.1.3 Events

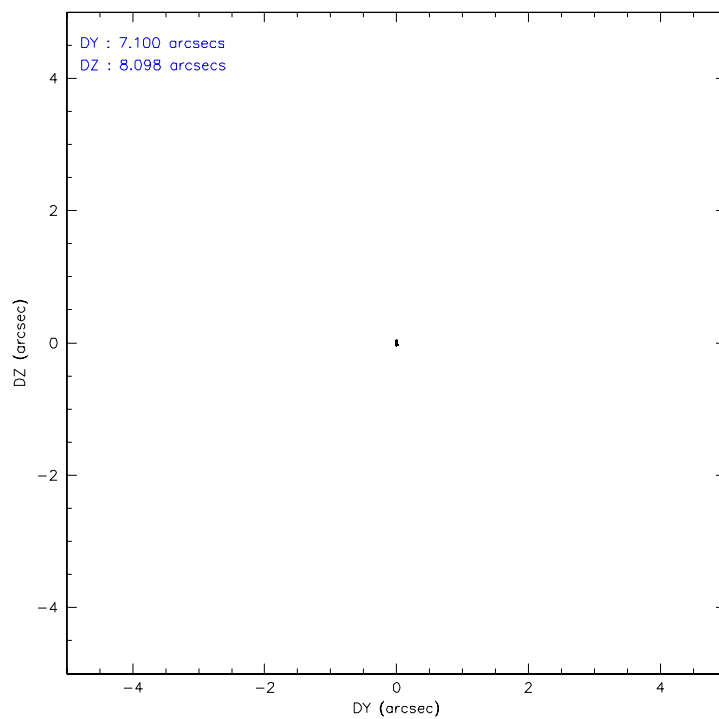
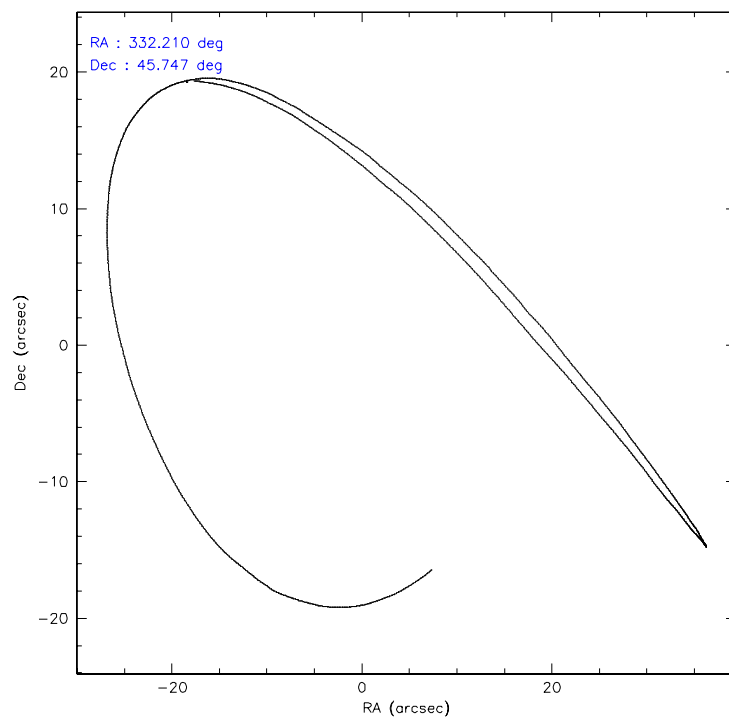
Level 1 Events

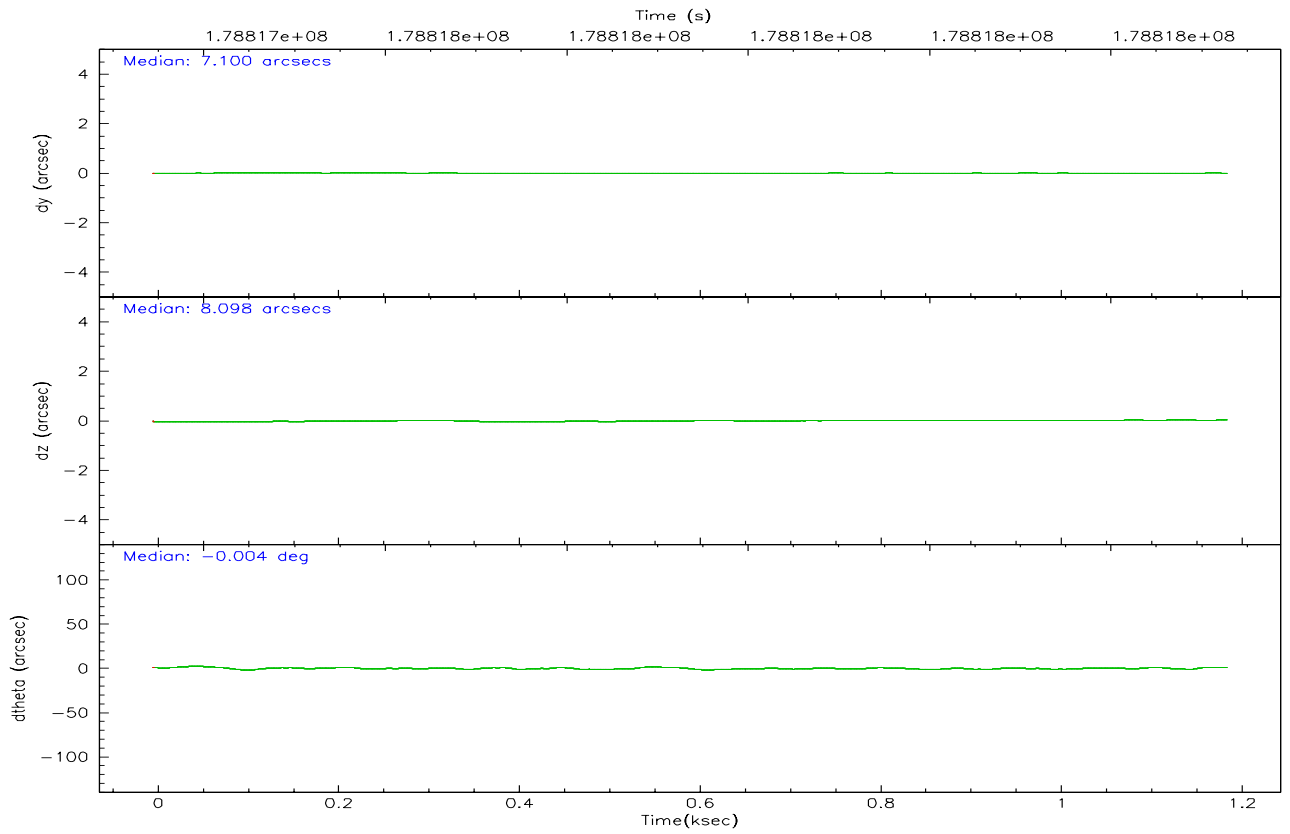
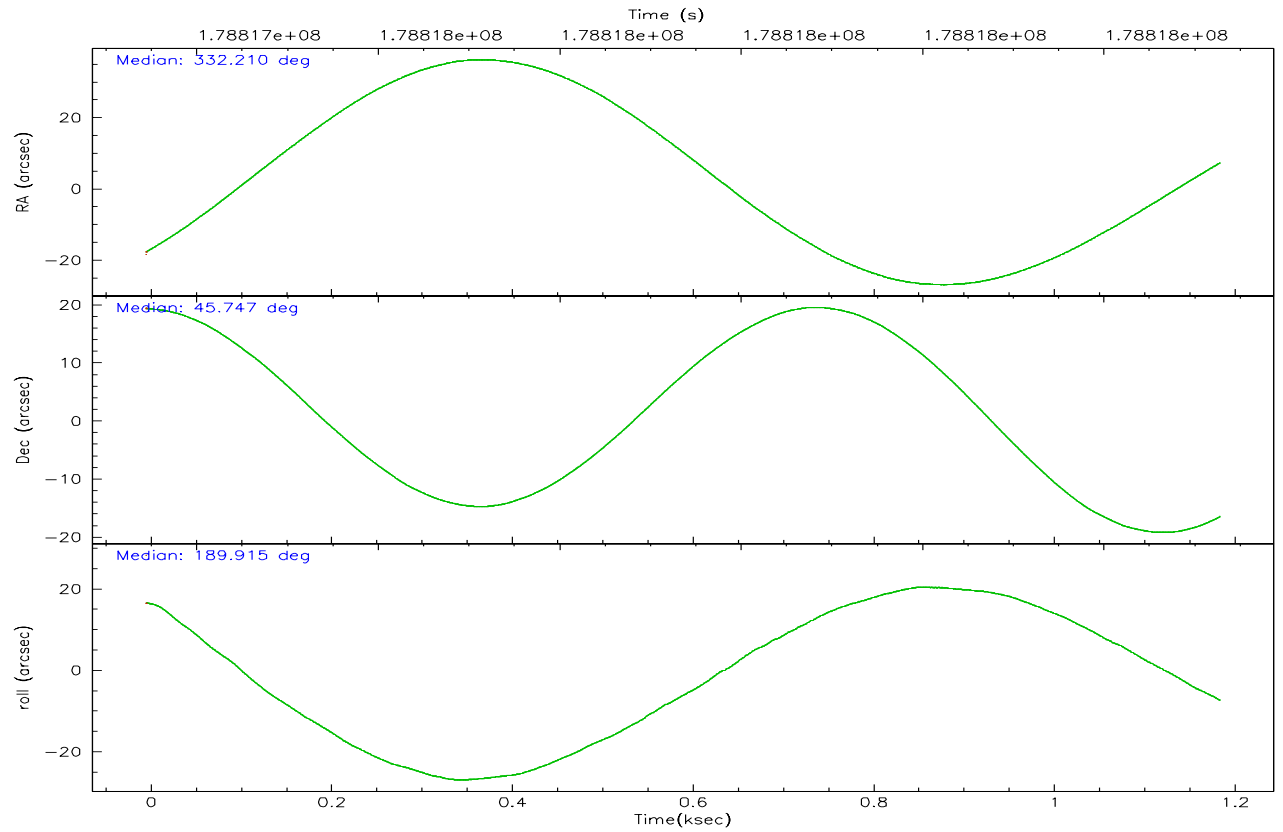
	segment 1	segment 2	segment 3
level 1 events	1109	65530	1092
rejected events	1109	24024	1092
rejected %	100%	36%	100%

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	332.240519	332.2103404085808			
Pointing Dec	45.766757	45.74695579401335			
Pointing Roll	189.830028	189.9190635407668			
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	178817528.184000	178817152.49537			
Observation start date	2003-09-01T15:31:04	2003-09-01T15:25:52			
Observation end time	178818528.184000	178818662.32043			
Observation end date	2003-09-01T15:47:44	2003-09-01T15:51:02			

2.3 Aspect



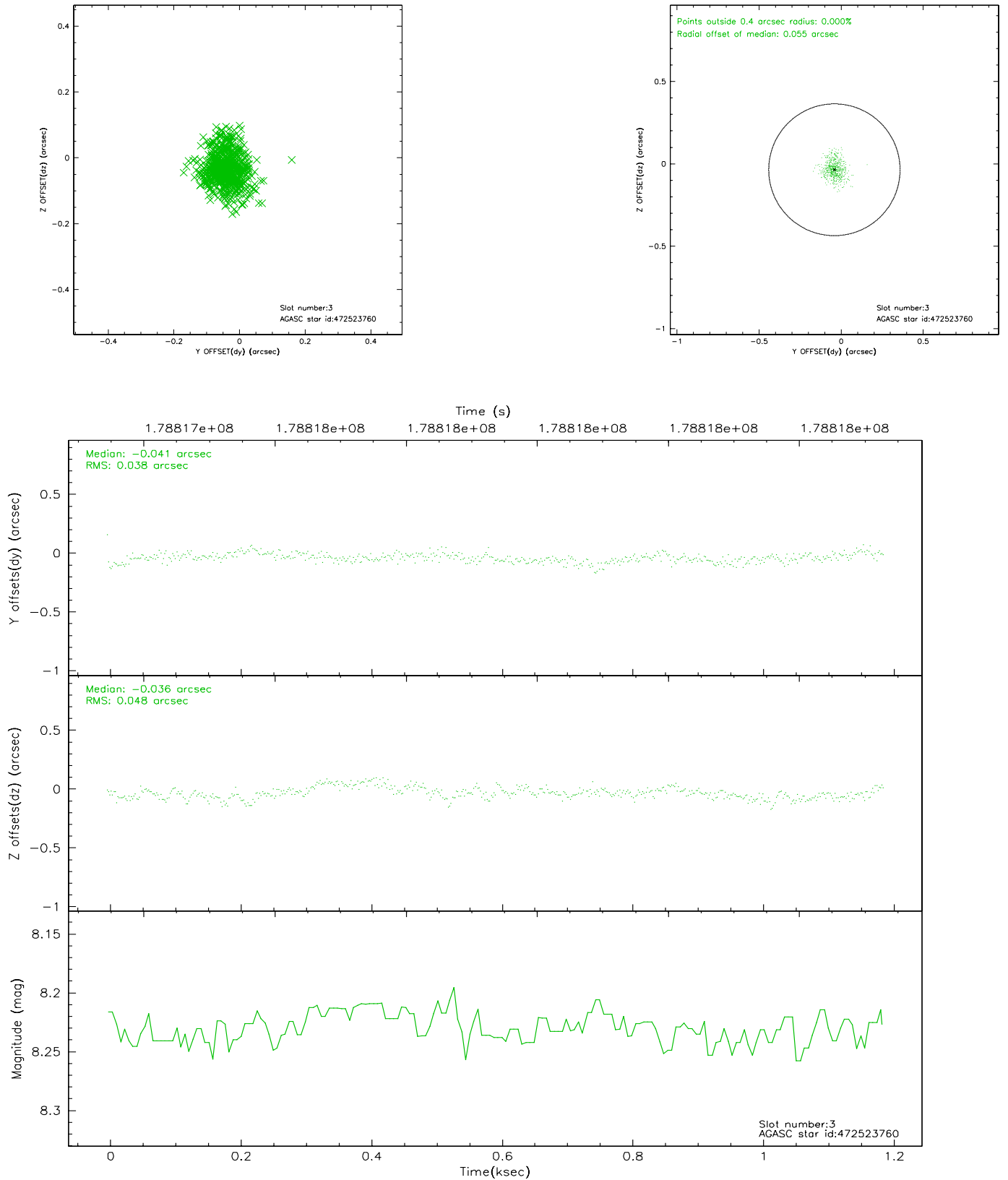


Slot Statistics

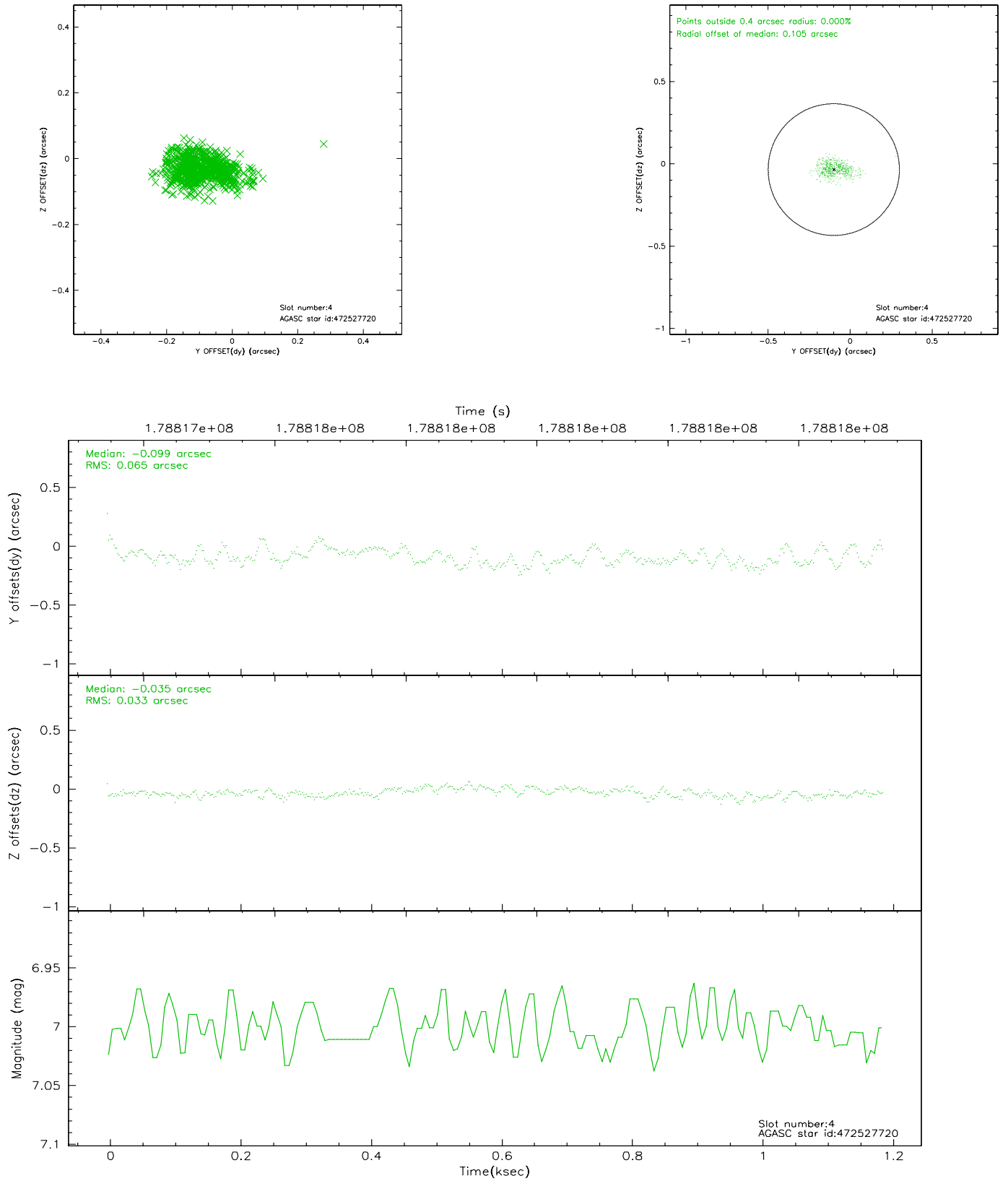
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.096	-0.122	0.005	0.009	0.000000	0.000000	-1161.29	-456.69
1	FID	HRC-S-2	7.02	291	0.127	-0.113	0.009	0.016	0.000000	0.000000	1234.44	-450.88
2	FID	HRC-S-4	6.98	291	0.180	-0.070	0.008	0.014	0.000000	0.000000	1241.29	573.91
3	GUIDE	472523760	8.23	580	-0.041	-0.036	0.066	0.109	331.645363	45.403260	1704.40	1025.98
4	GUIDE	472527720	7.00	581	-0.099	-0.035	0.074	0.121	331.460205	45.112509	2356.35	1973.59
5	GUIDE	472533912	9.16	581	-0.049	-0.006	0.096	0.162	331.791136	46.368695	733.41	-2326.58
6	GUIDE	472655152	9.44	580	0.127	0.035	0.099	0.156	332.504239	45.862991	-709.62	-234.72
7	GUIDE	472659832	9.46	579	0.056	0.018	0.093	0.153	332.780399	46.098139	-1533.68	-951.55

2.4 Star Slots

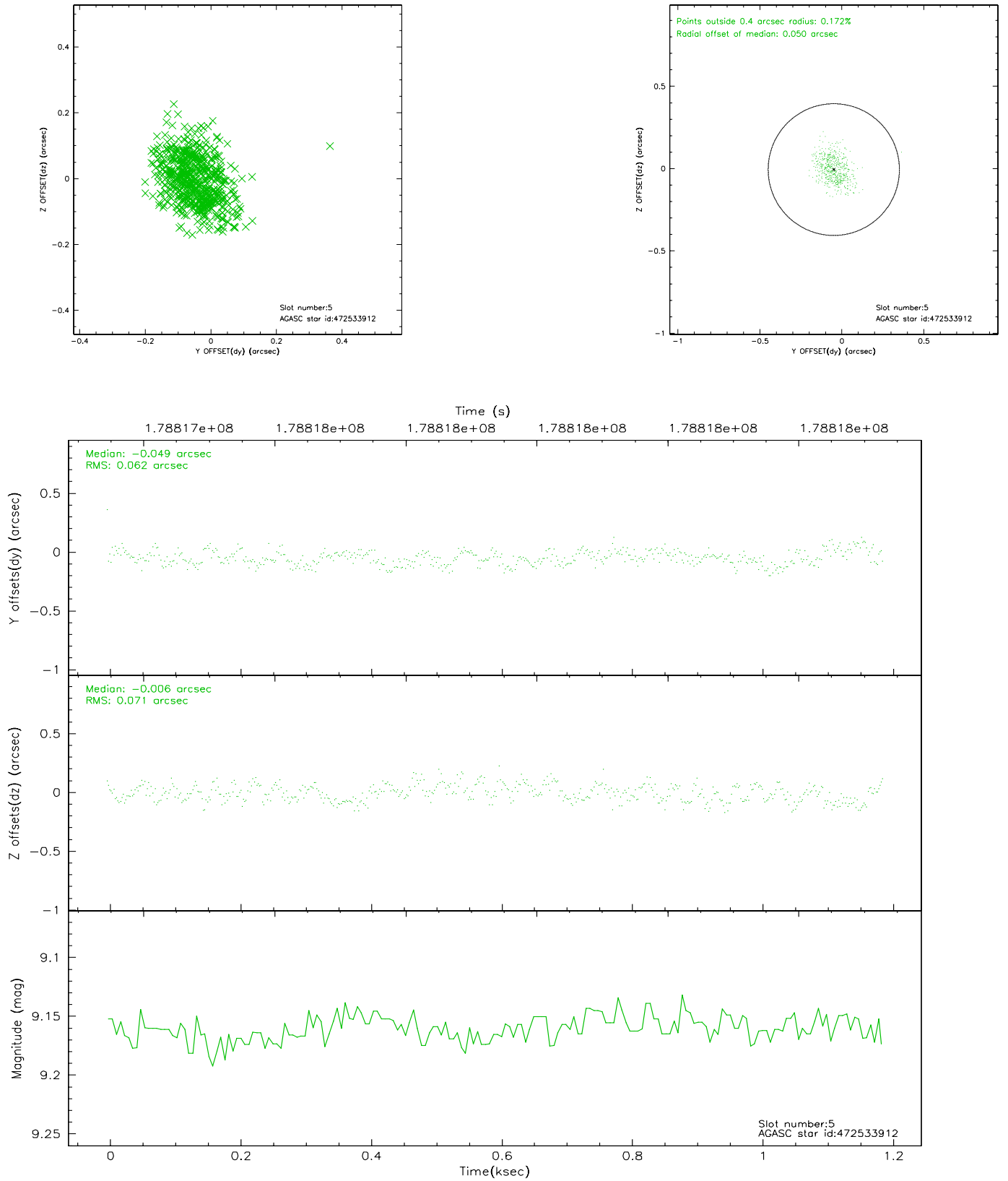
2.4.1 Slot 3



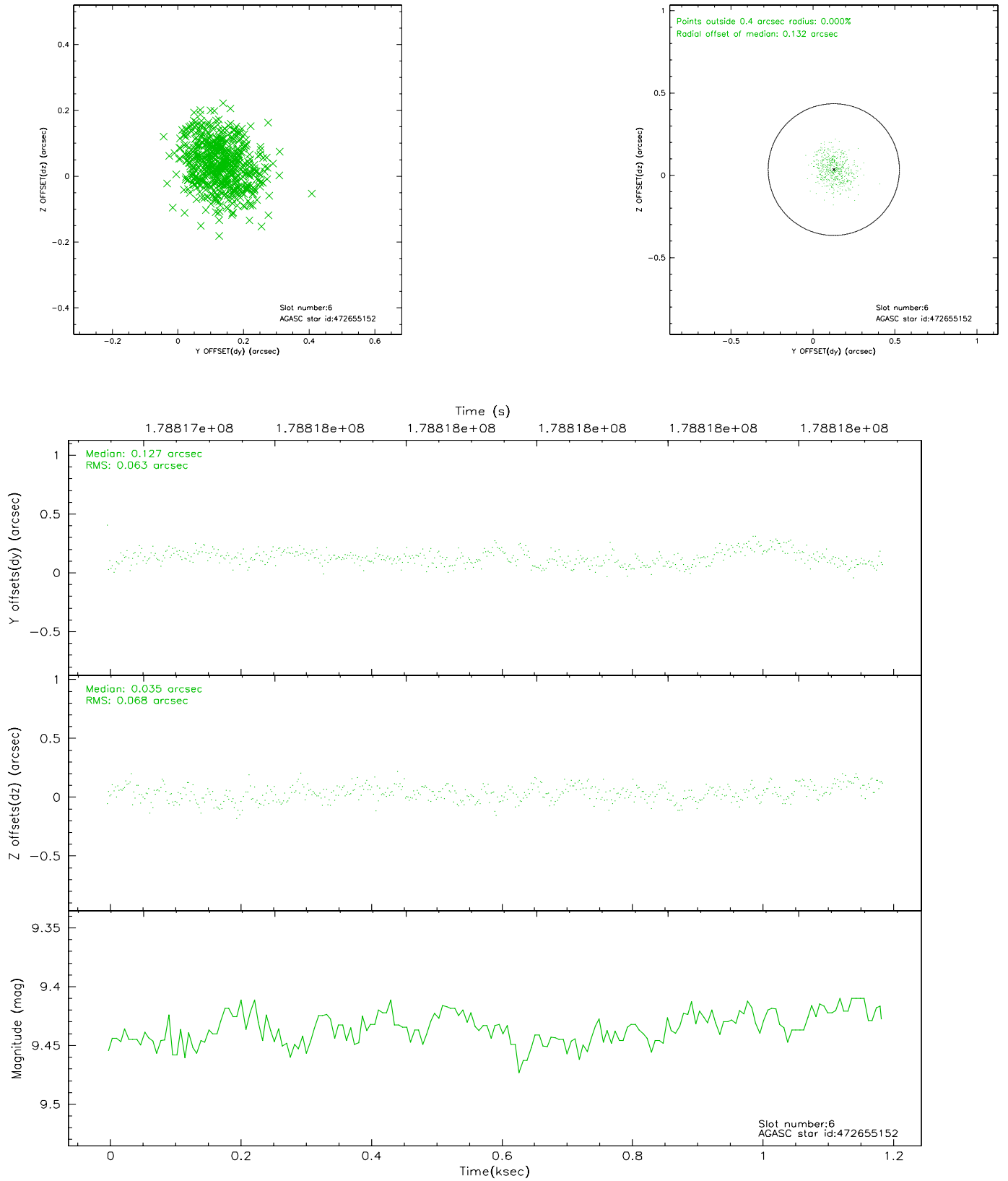
2.4.2 Slot 4



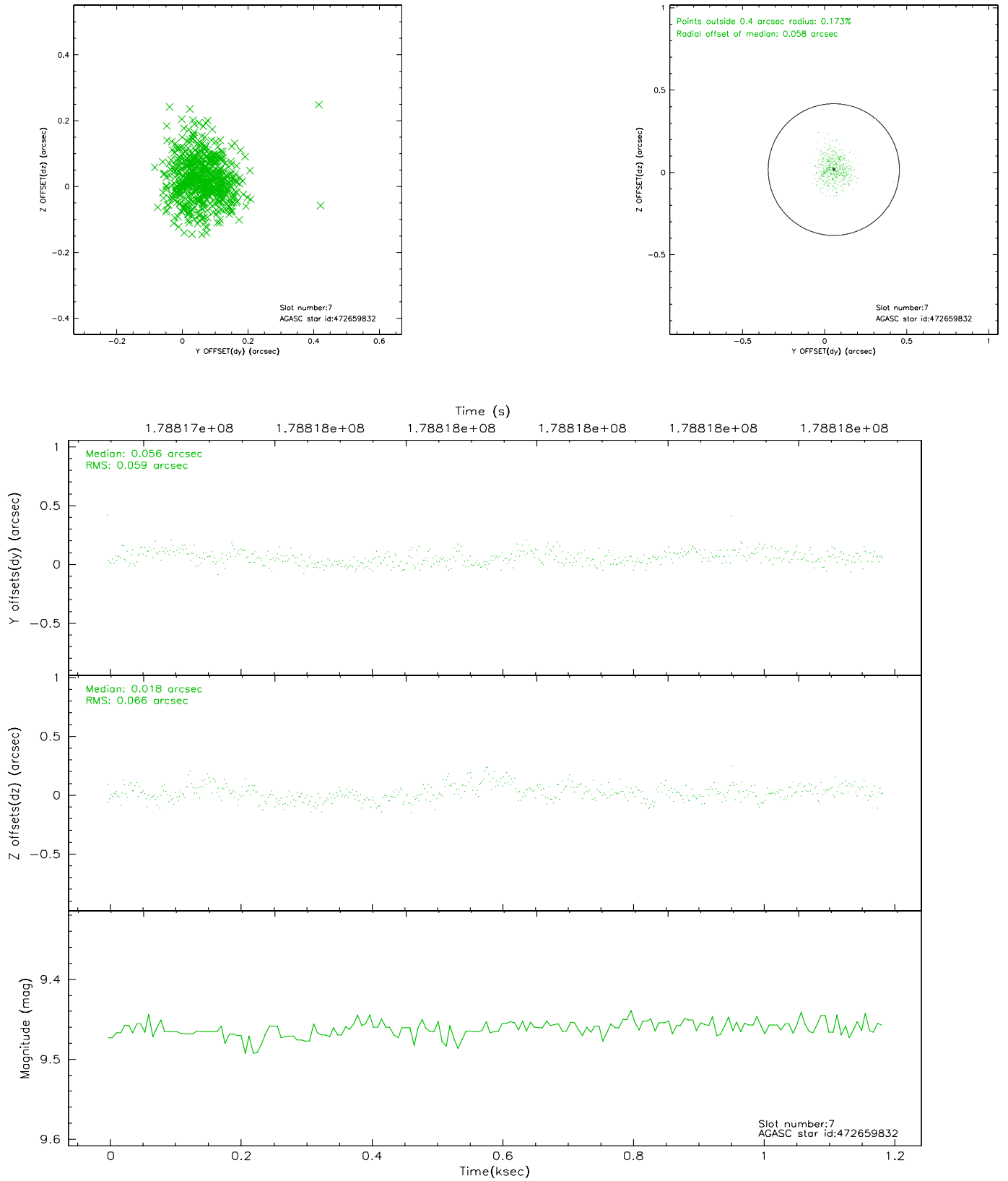
2.4.3 Slot 5



2.4.4 Slot 6

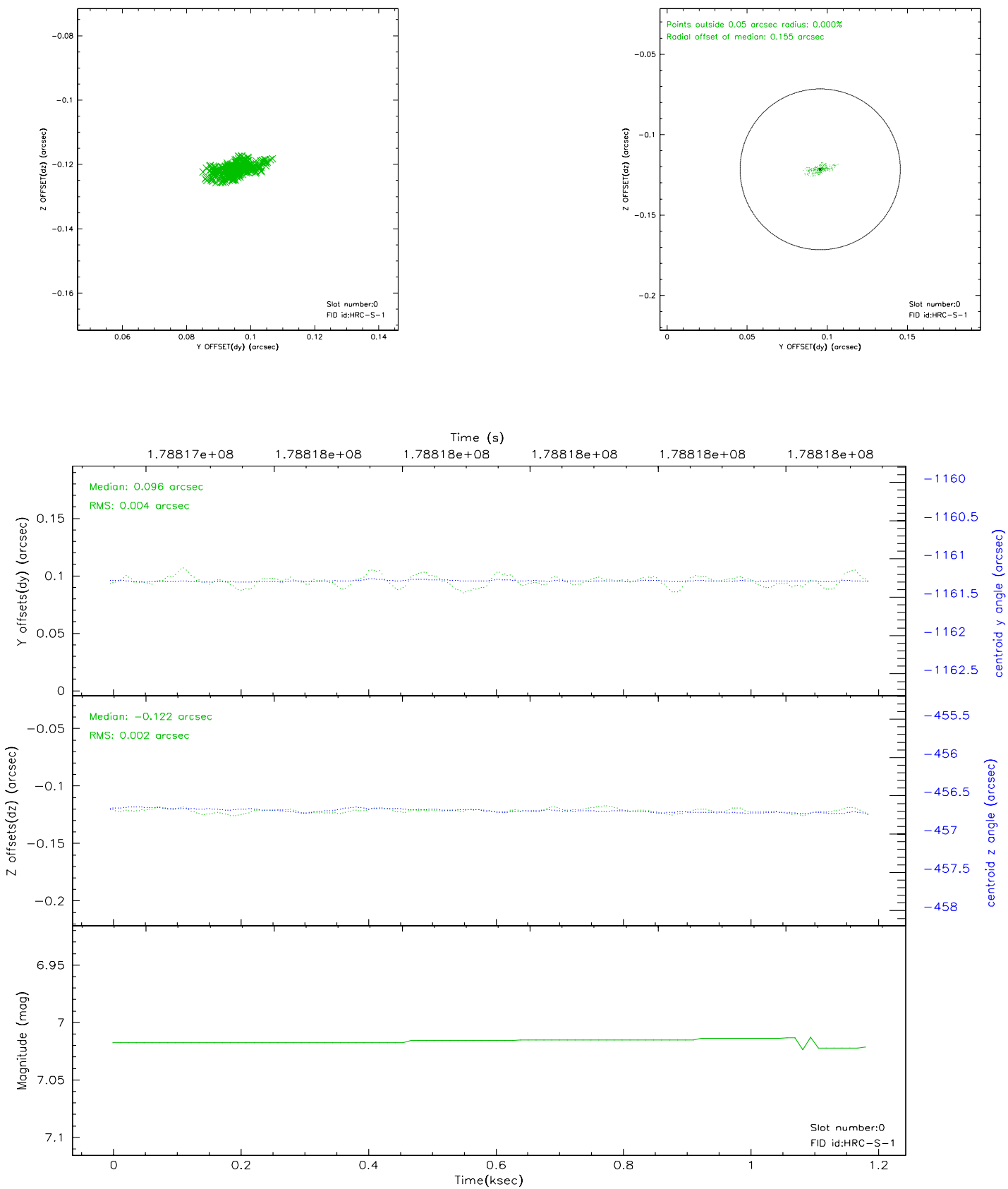


2.4.5 Slot 7

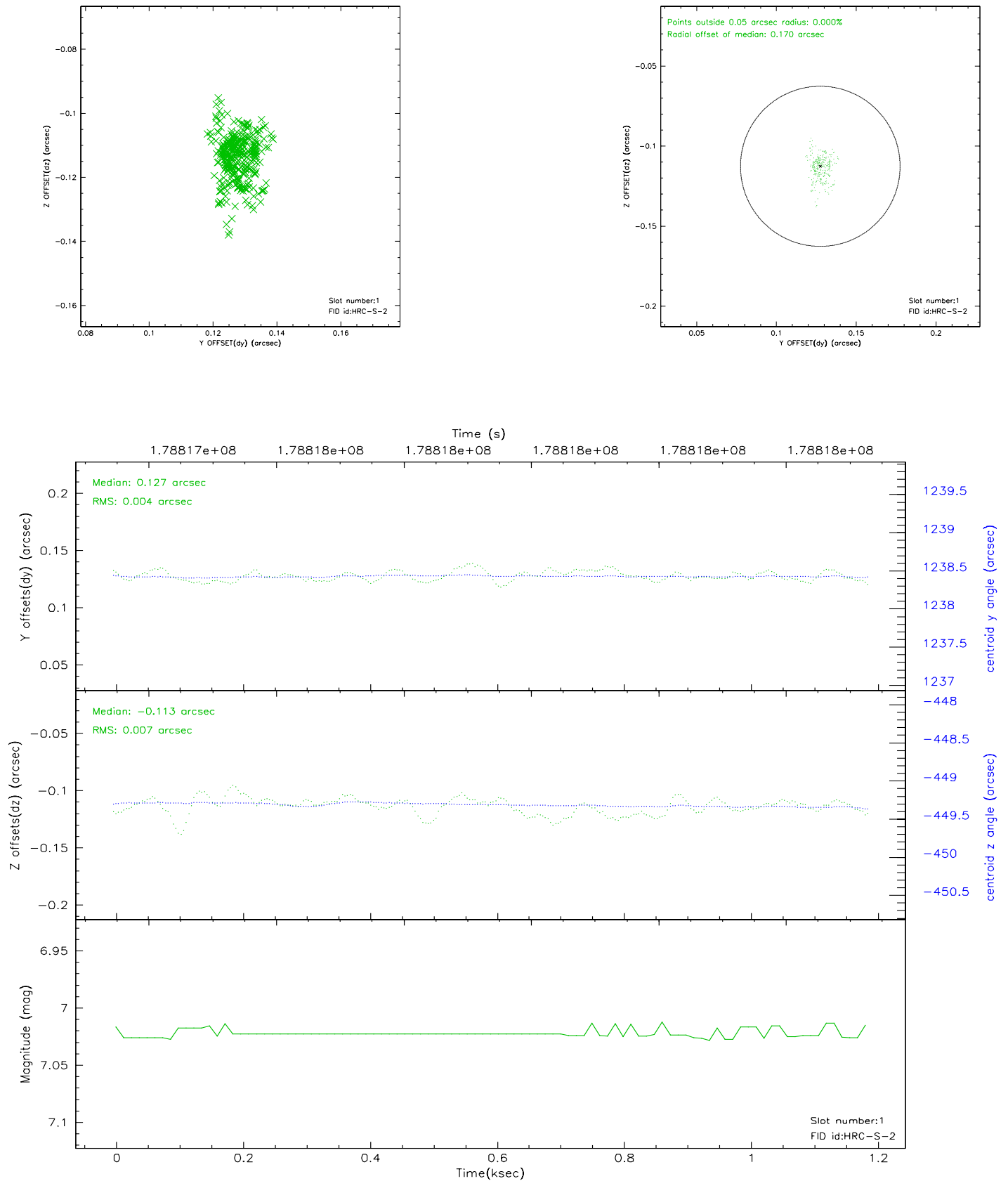


2.5 FID Slots

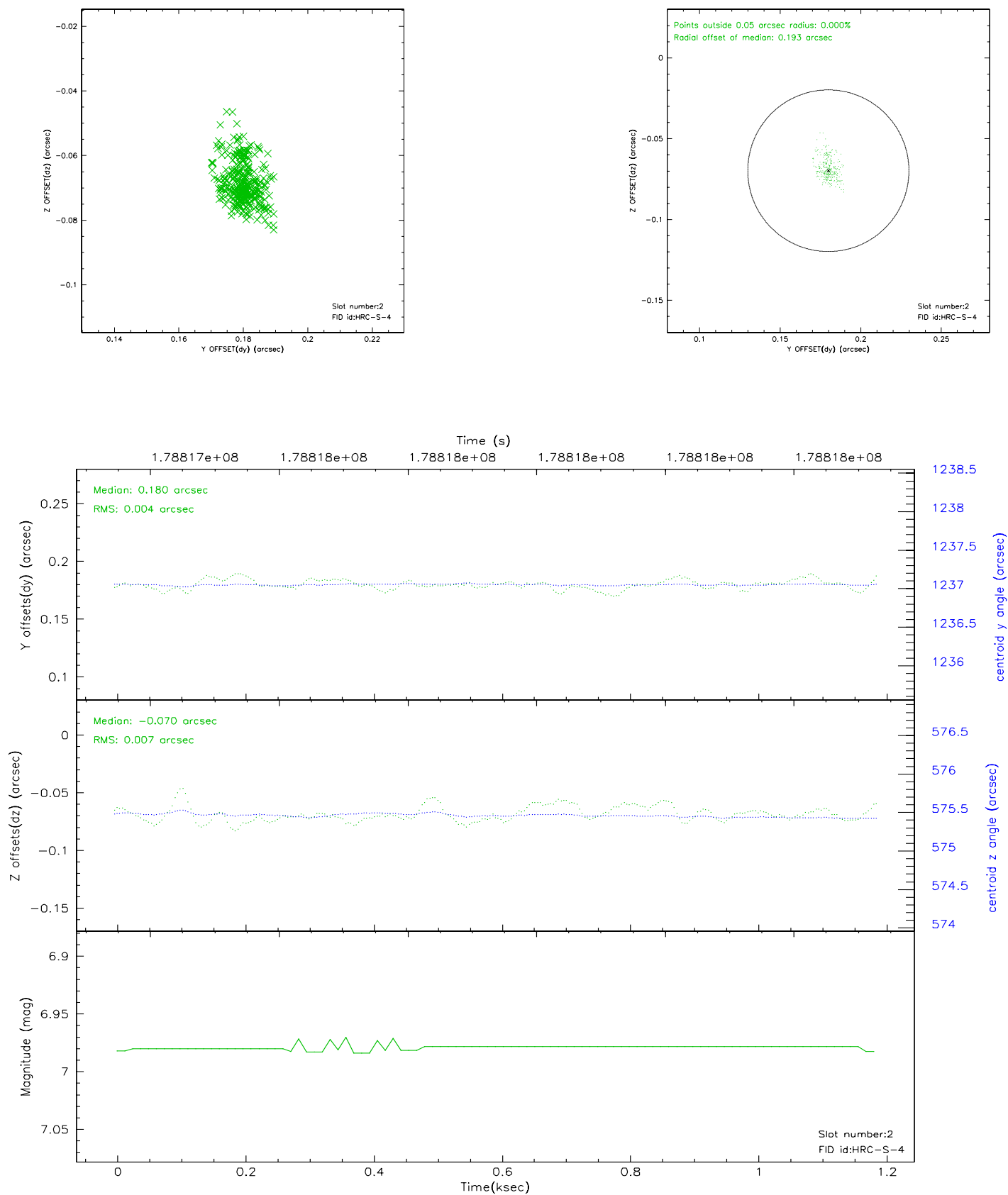
2.5.1 Slot 0



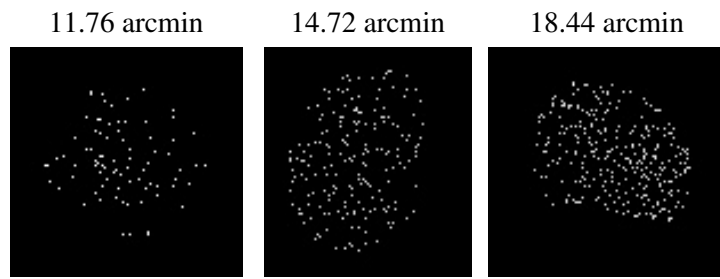
2.5.2 Slot 1



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	1.141

A.2 Comments