

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 249 - L2 Version 6
Chandra X-Ray Center

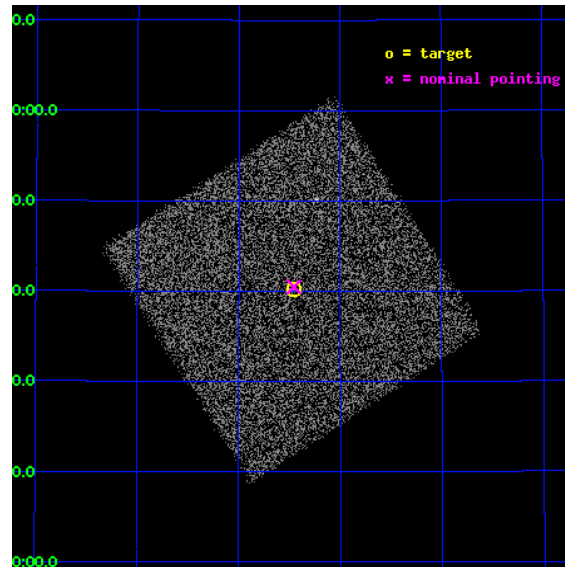
L2 Processing Date : Aug 29 2012

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1 Front

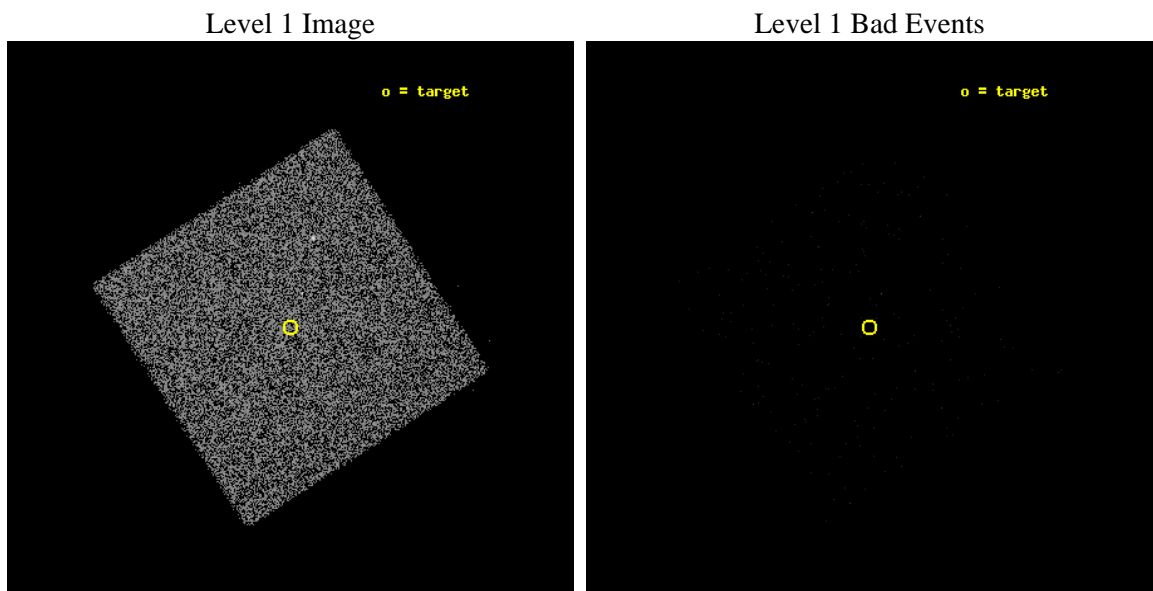
seq_num	600009	Sequence number
obs_id	249	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 2	Source name
ra_targ	10.1125	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.114037223884	Nominal RA [deg]
dec_nom	40.674780562611	Nominal Dec [deg]
roll_nom	102.26870524567	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1193.1000439823	[s]
livetime	1187.5878156648	Ontime multiplied by DTCOR
l2events	27249	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1193.1000439823	[s]
caldbver	4.5.1.1	 	l1events	51334	Number of level 1 events
date	2012-08-29T07:30:31	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

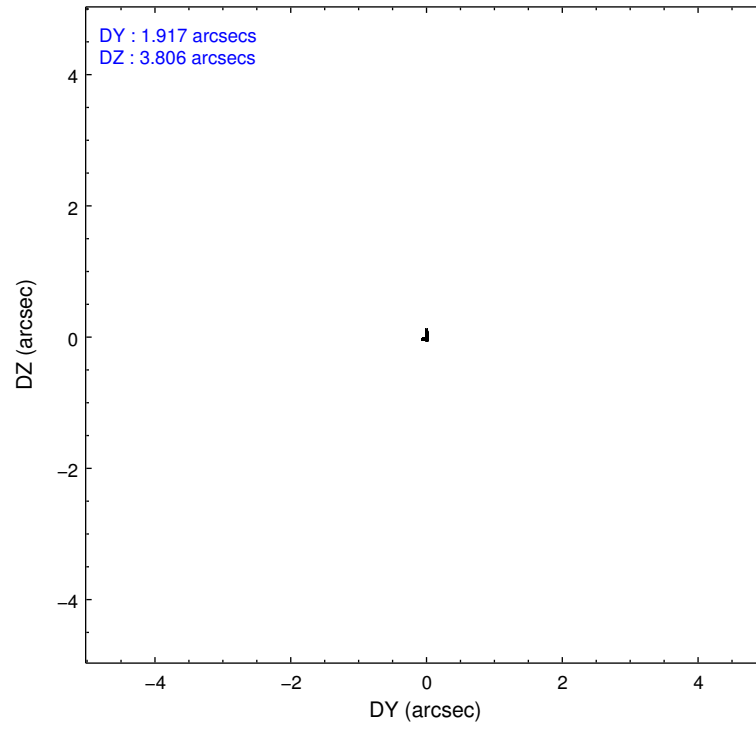
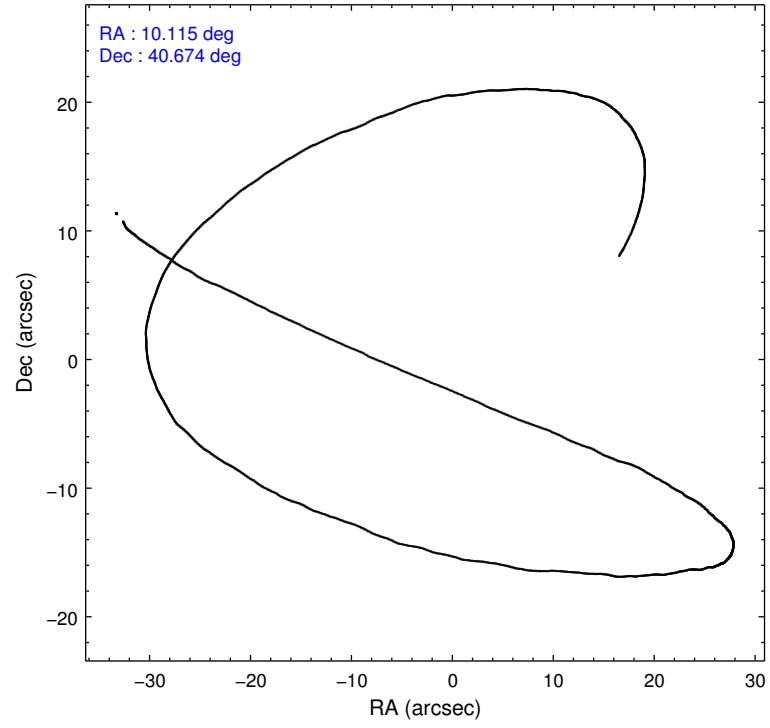
	segment 0
level 1 events	51334
rejected events	10343
rejected %	20%

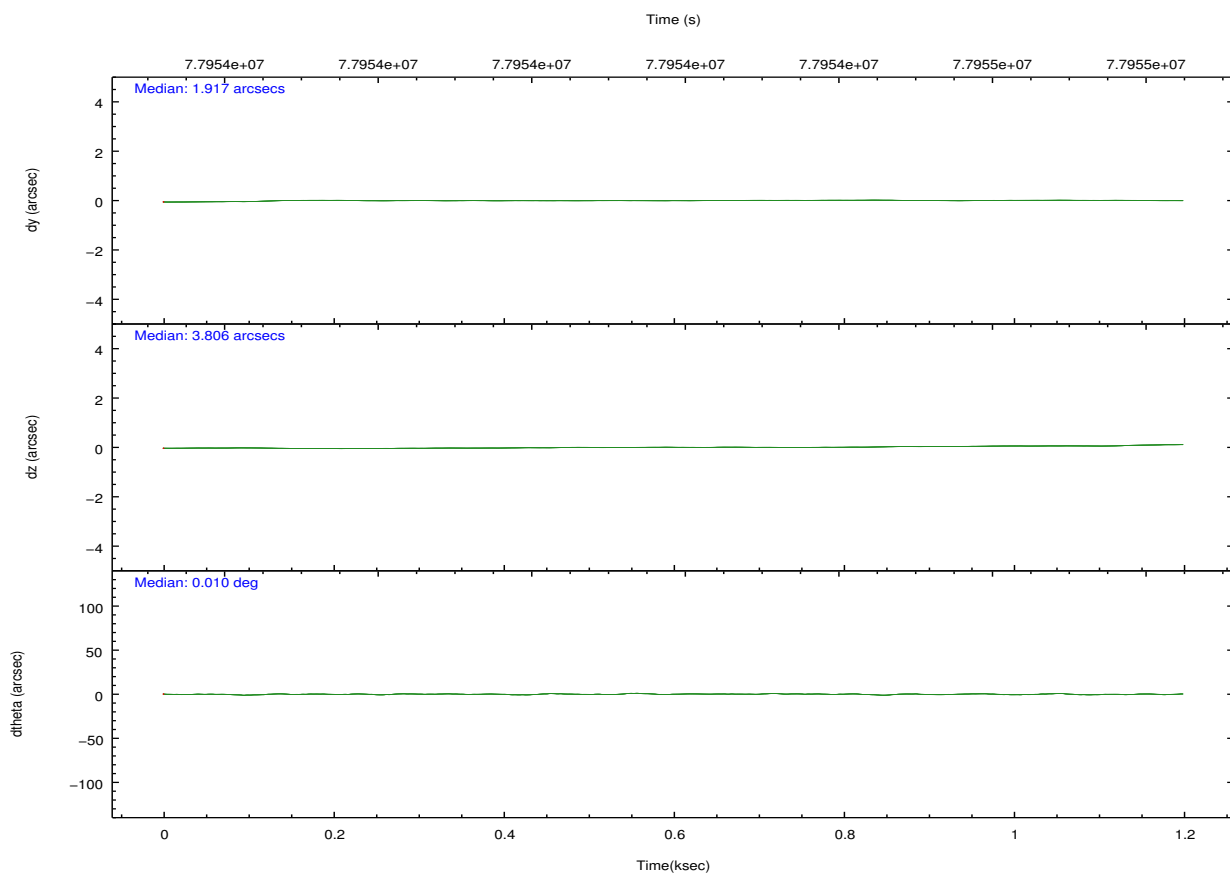
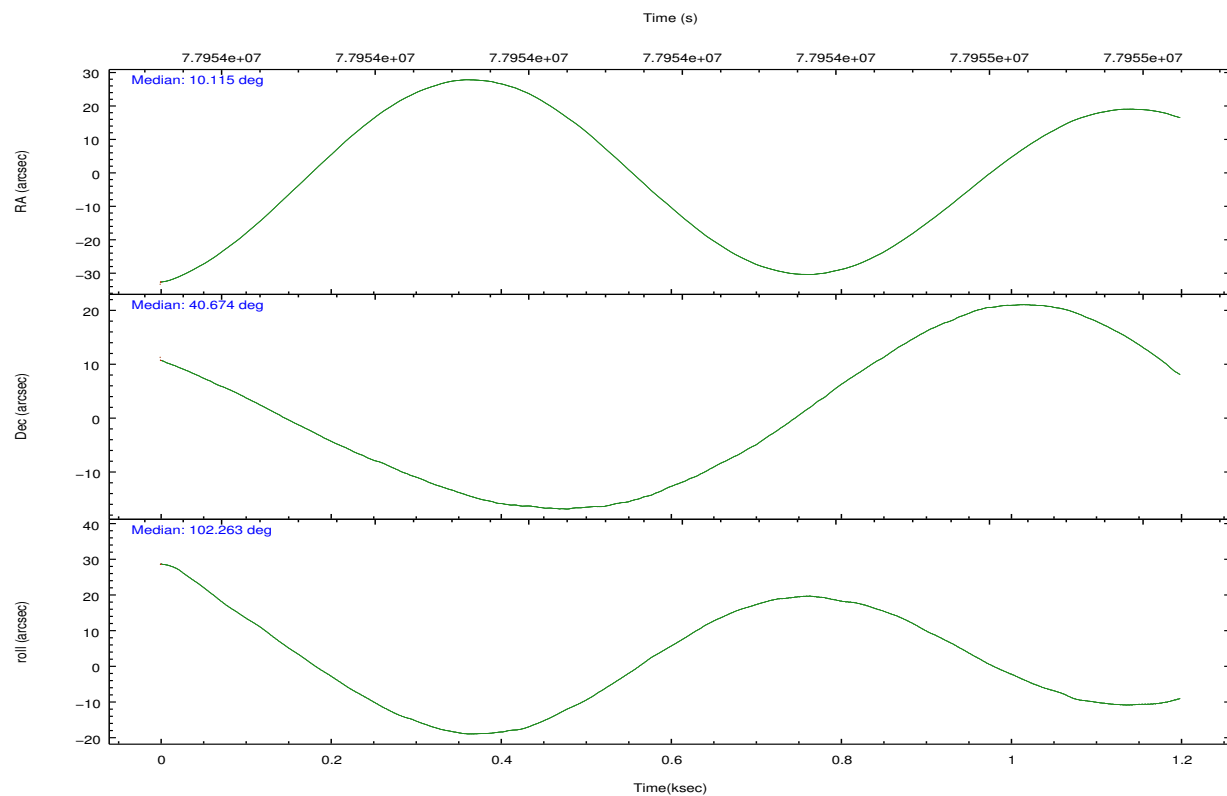
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	10.138134	10.11403722388415
[deg] Pointing Dec	40.654471	40.67478056261138
[deg] Pointing Roll	102.348502	102.268705245675
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	77953782.184000	77953406.17115501
Observation start date	2000-06-21T05:48:38	2000-06-21T05:43:26
[s] Observation end time (MET)	77954782.184000	77955952.783749
Observation end date	2000-06-21T06:05:18	2000-06-21T06:25:52

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



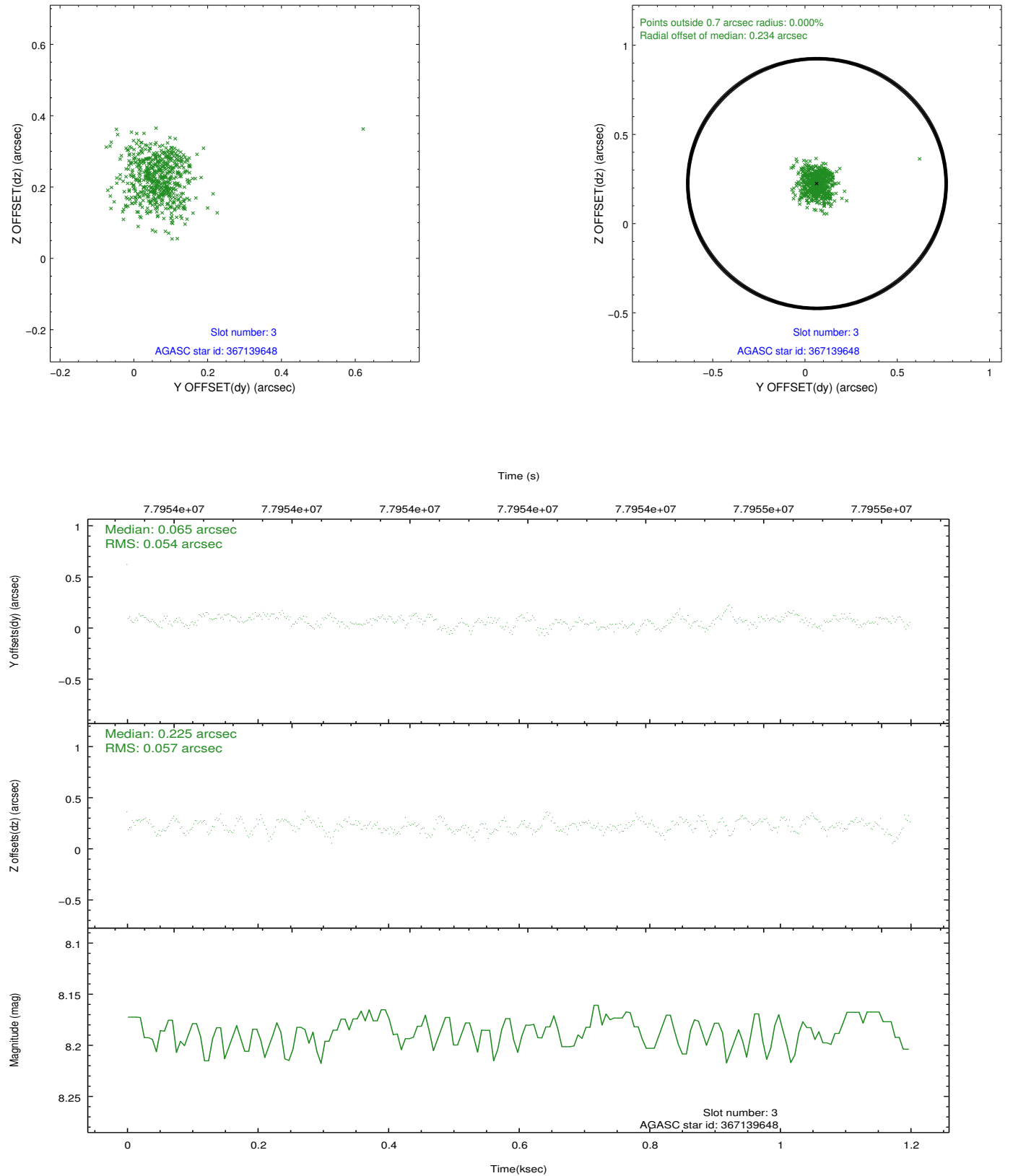


Slot Statistics

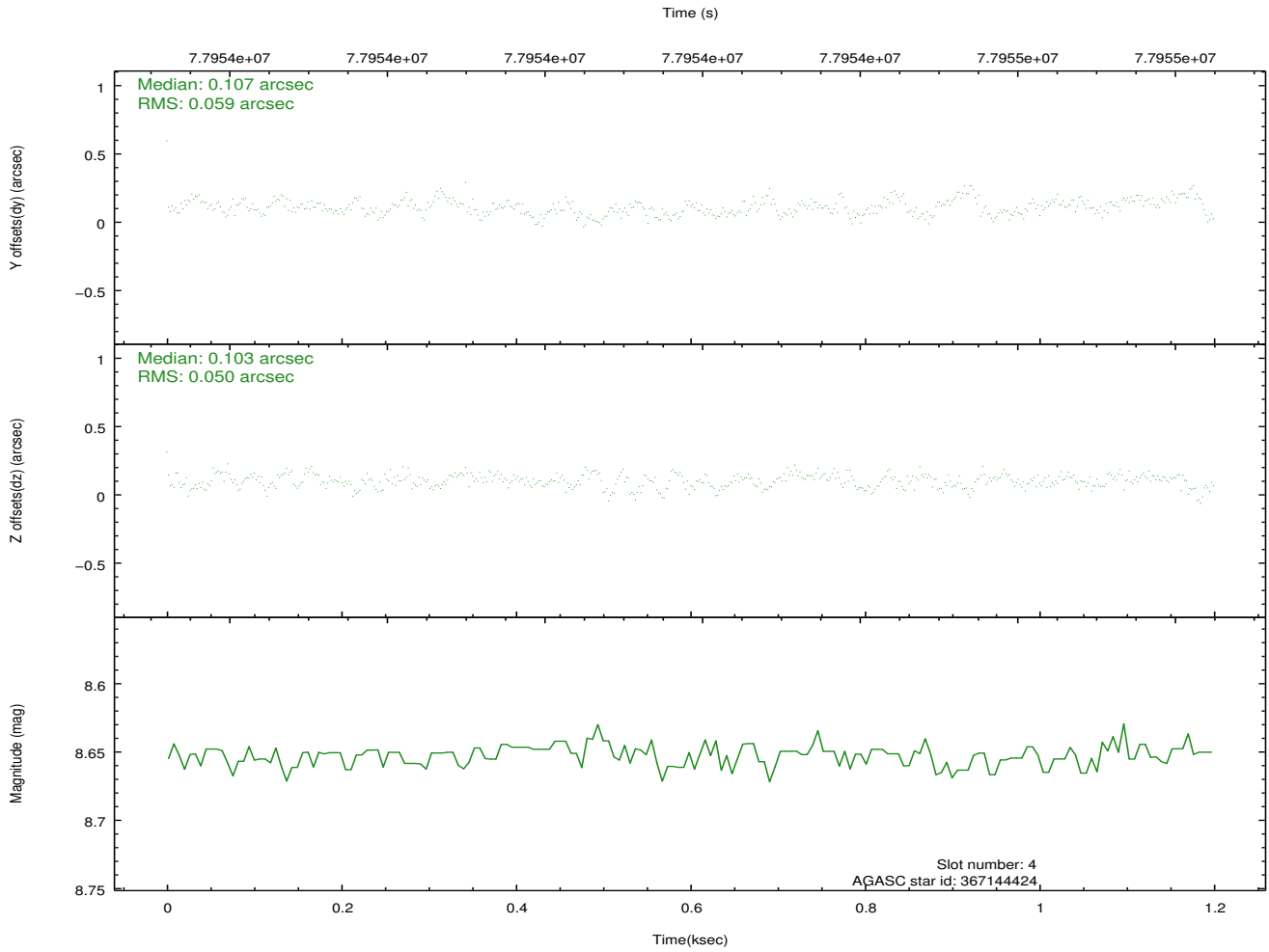
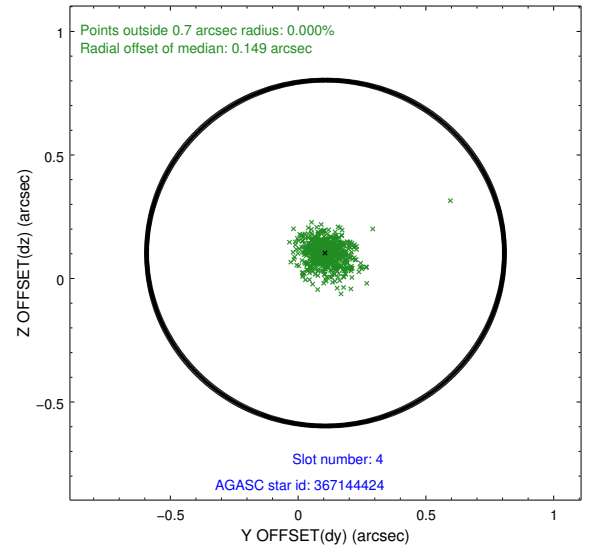
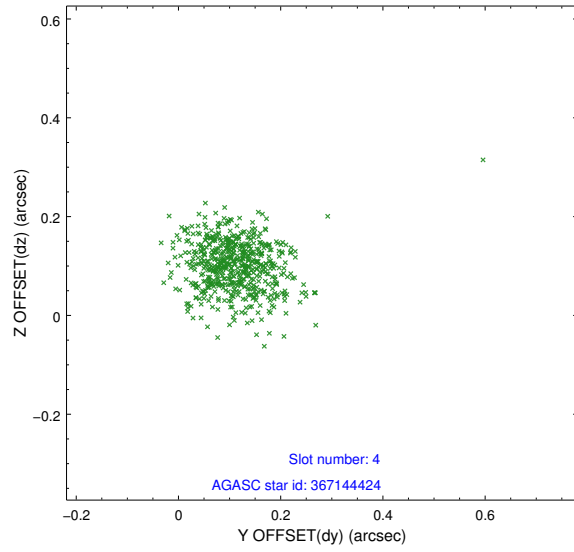
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	293	0.053	0.056	0.005	0.009	0.000000	0.000000	-757.34	-1291.54
1	FID	HRC-I-3	7.03	293	0.041	-0.086	0.006	0.012	0.000000	0.000000	-1188.37	1008.48
2	FID	HRC-I-4	6.98	293	0.021	-0.060	0.005	0.009	0.000000	0.000000	1281.42	1013.90
3	GUIDE	367139648	8.19	586	0.065	0.225	0.081	0.133	11.021290	40.433909	-1281.23	-2193.93
4	GUIDE	367144424	8.65	586	0.107	0.103	0.079	0.125	10.464515	40.309136	-1406.56	-610.77
5	GUIDE	365431072	9.00	586	-0.239	-0.143	0.077	0.125	9.376278	41.092224	1987.45	1682.04
6	GUIDE	367145856	9.29	586	0.141	0.063	0.082	0.132	10.744946	40.402085	-1234.19	-1426.40
7	GUIDE	365442912	9.60	584	-0.065	-0.228	0.116	0.190	9.345394	40.727461	726.32	2054.53

2.4 Star Slots

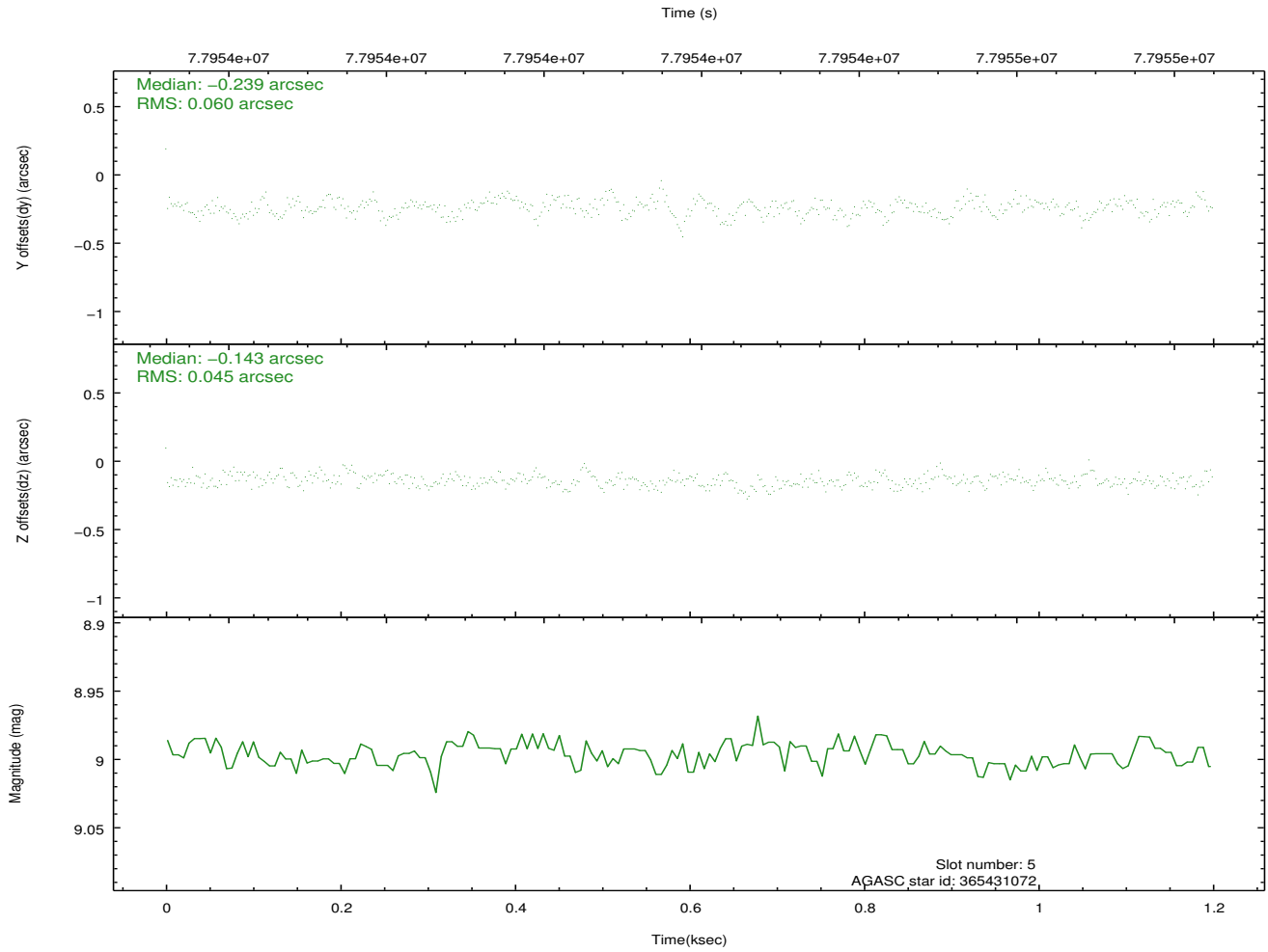
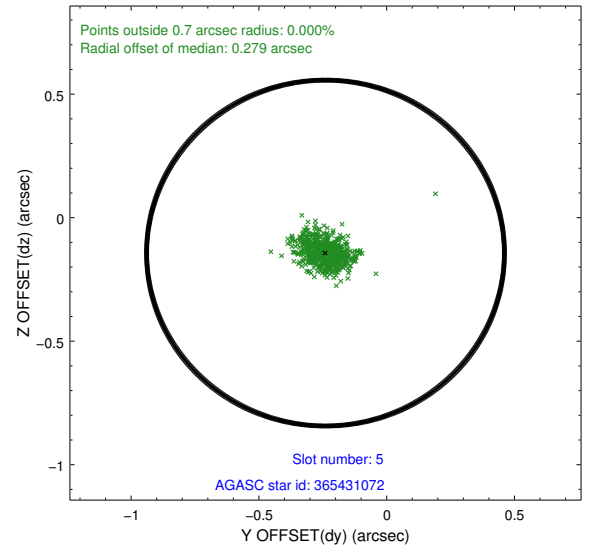
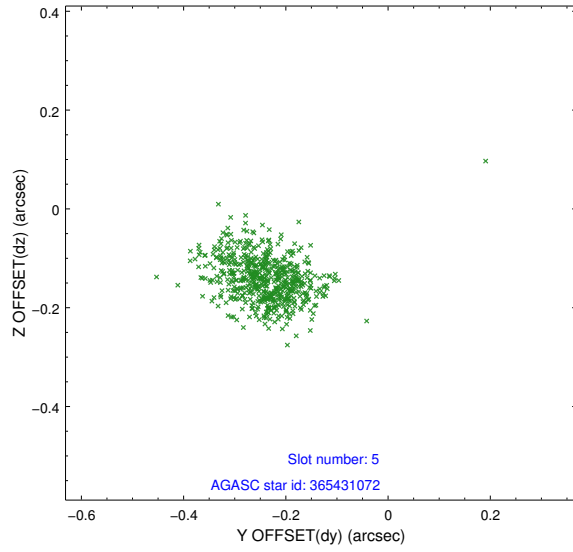
2.4.1 Slot 3



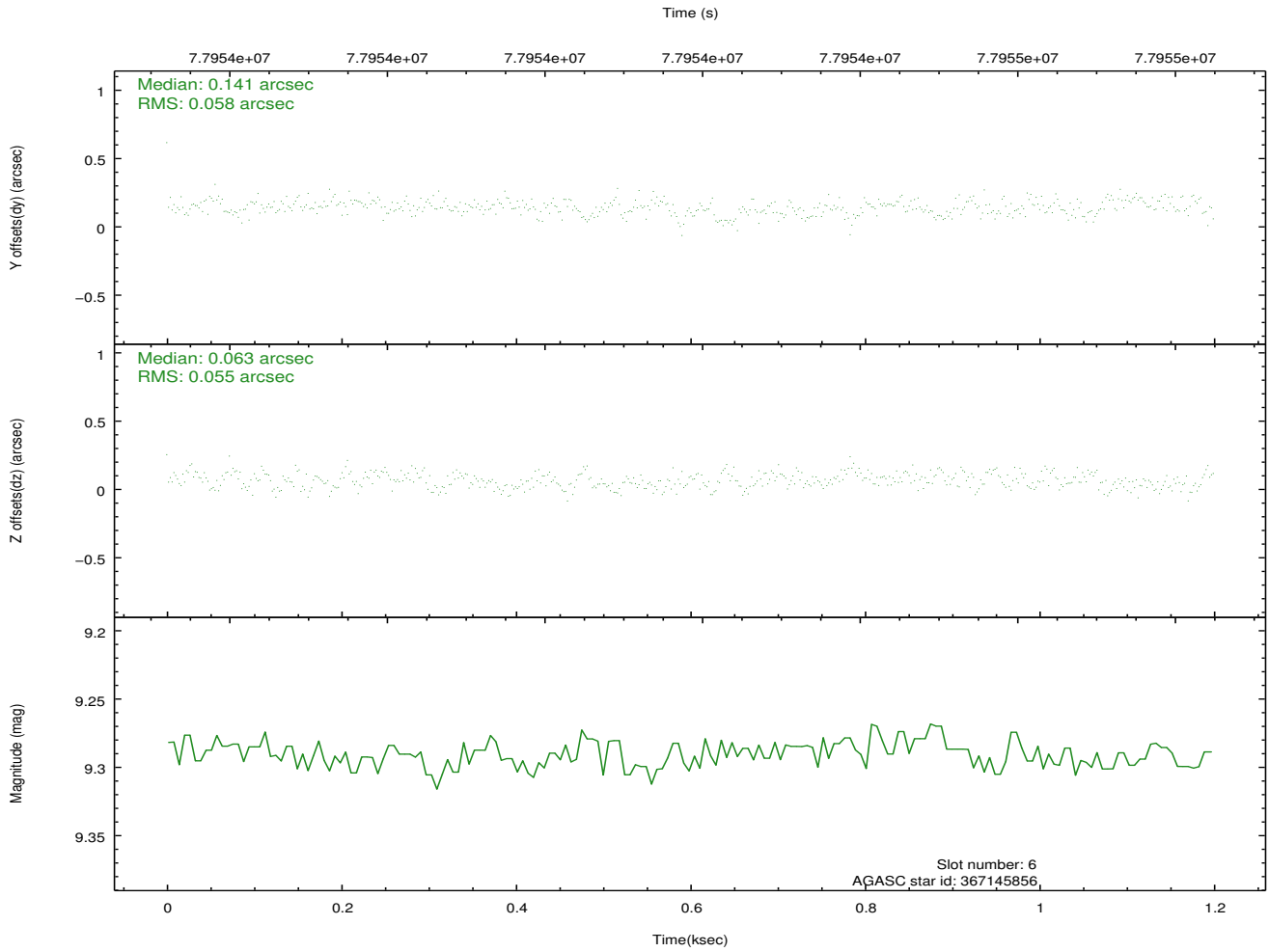
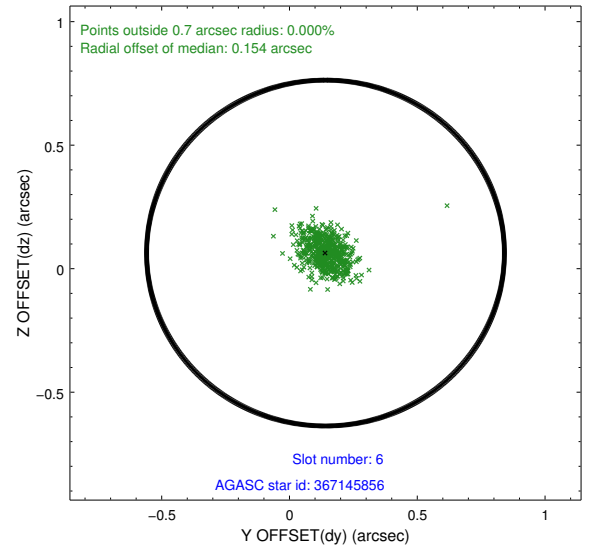
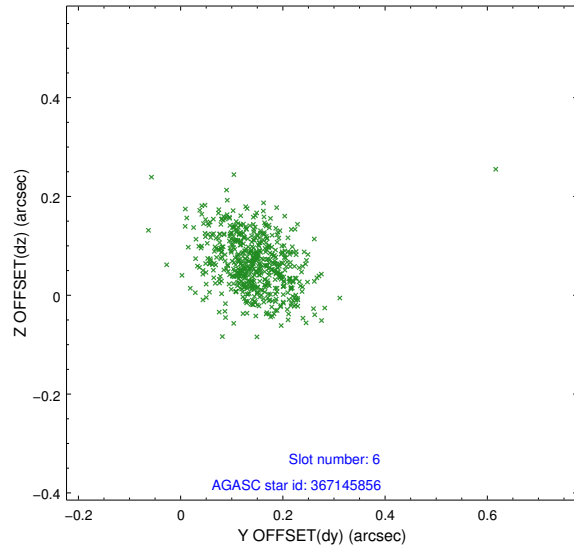
2.4.2 Slot 4



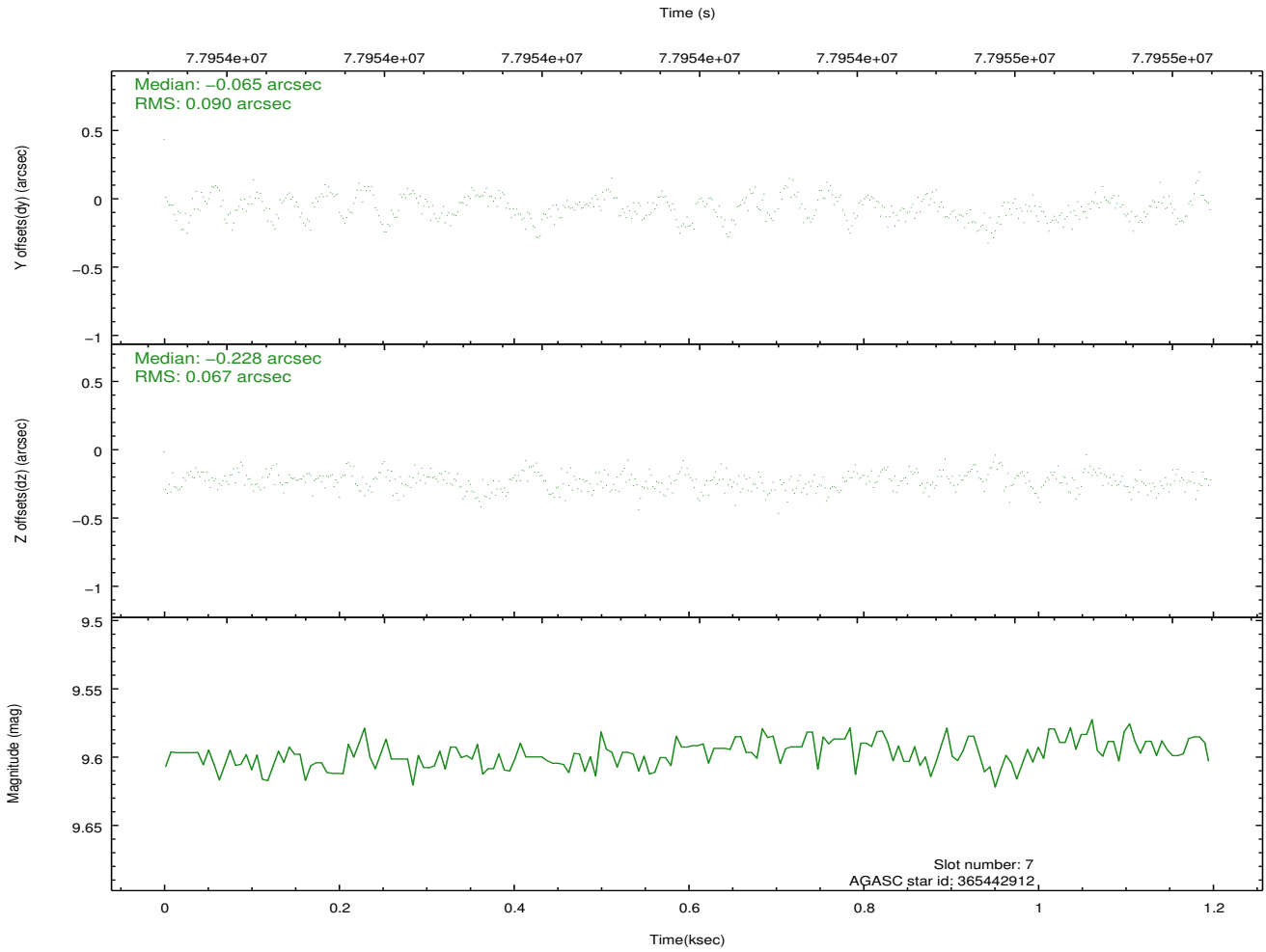
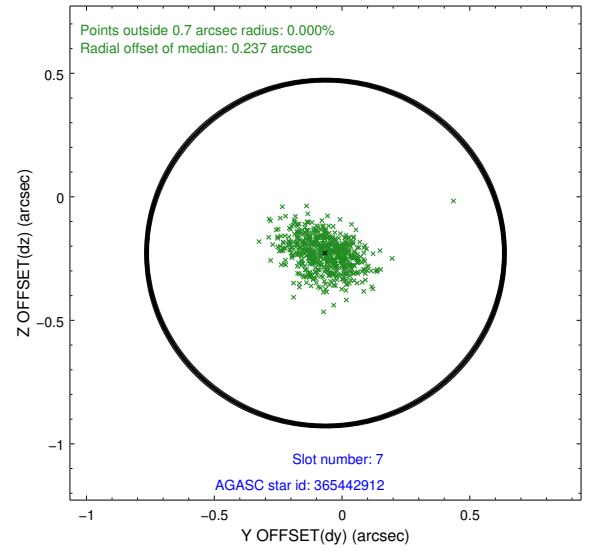
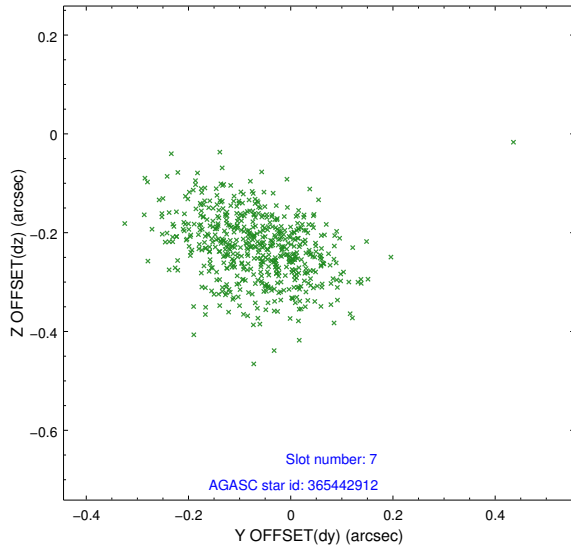
2.4.3 Slot 5



2.4.4 Slot 6

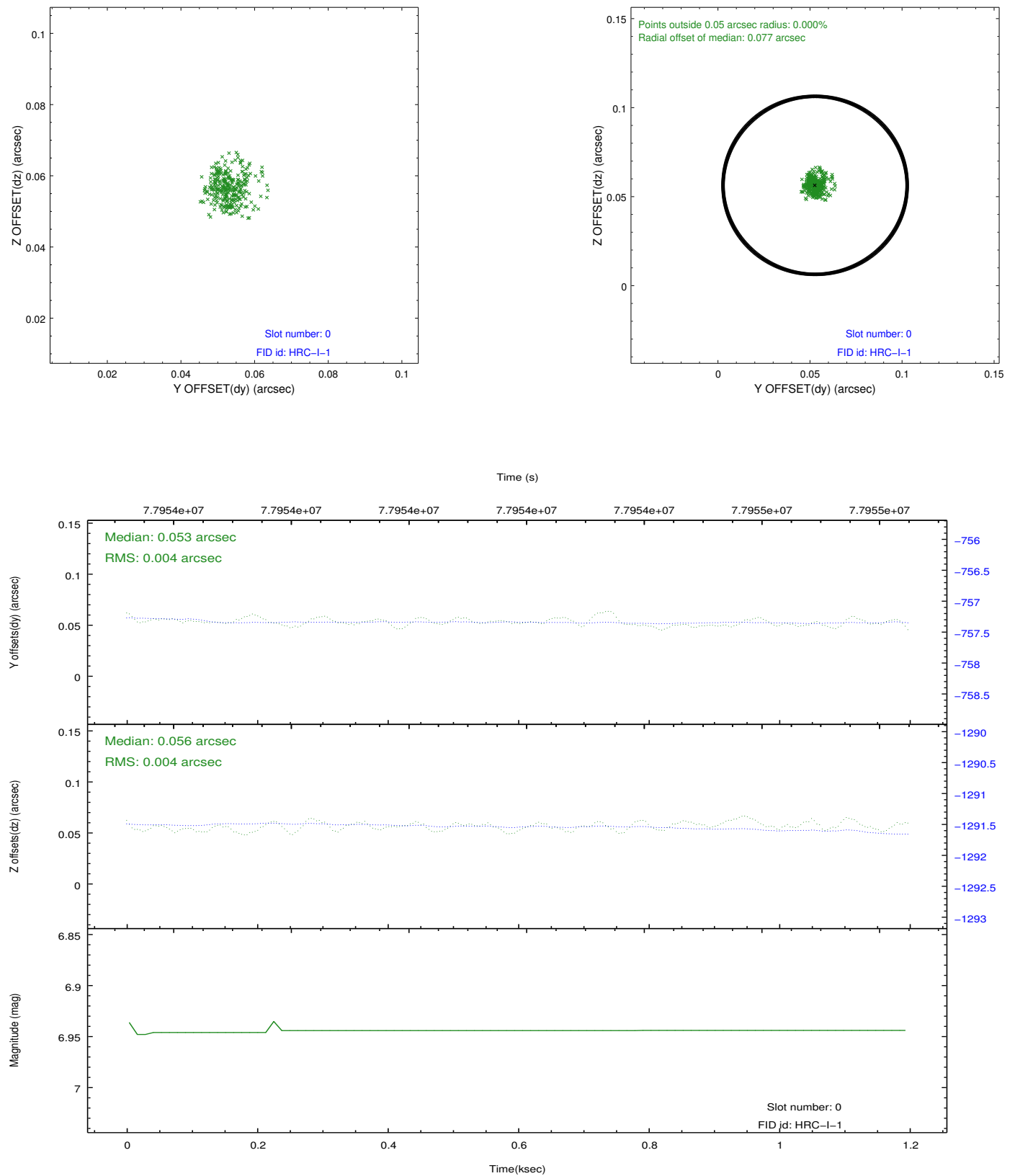


2.4.5 Slot 7

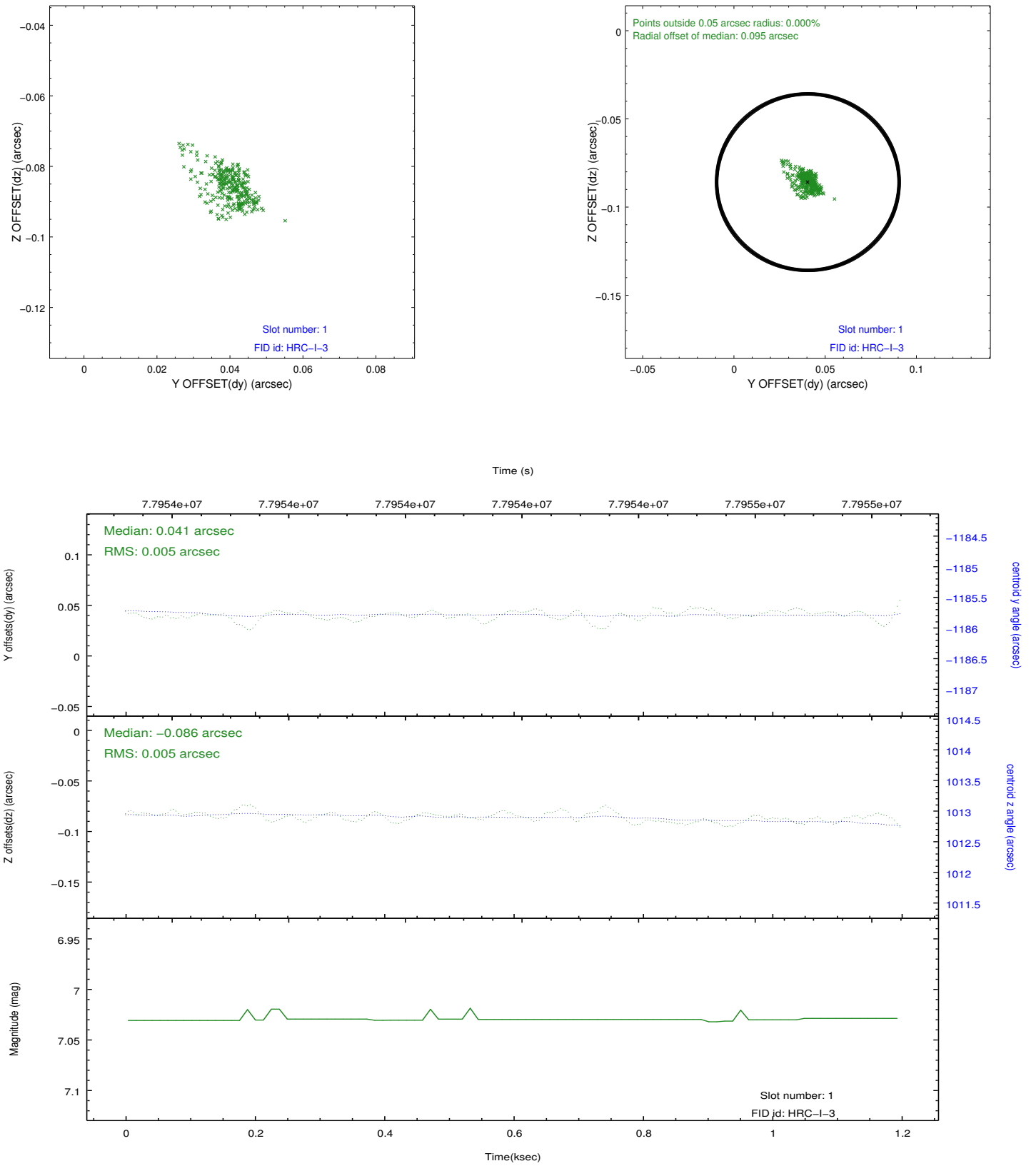


2.5 FID Slots

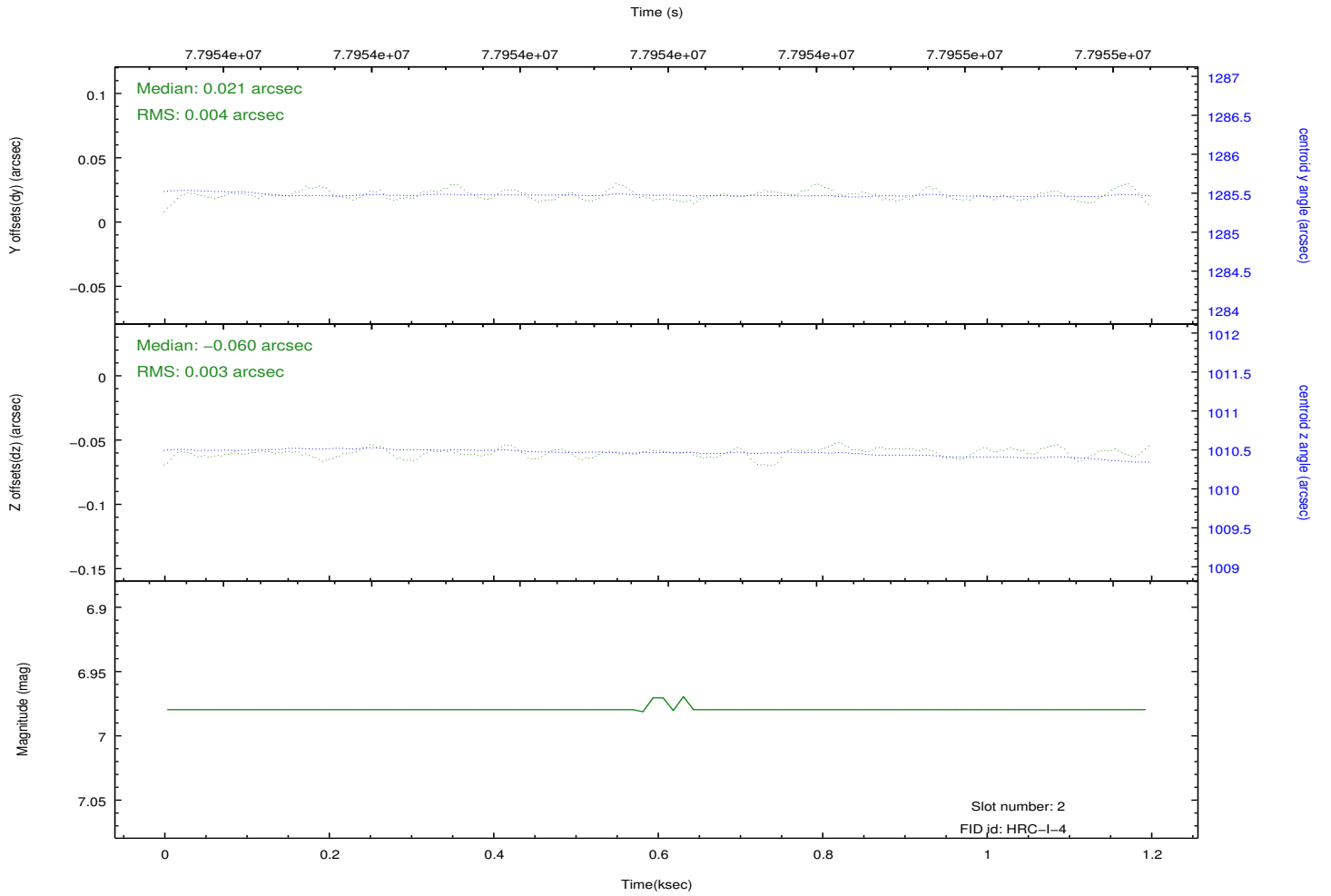
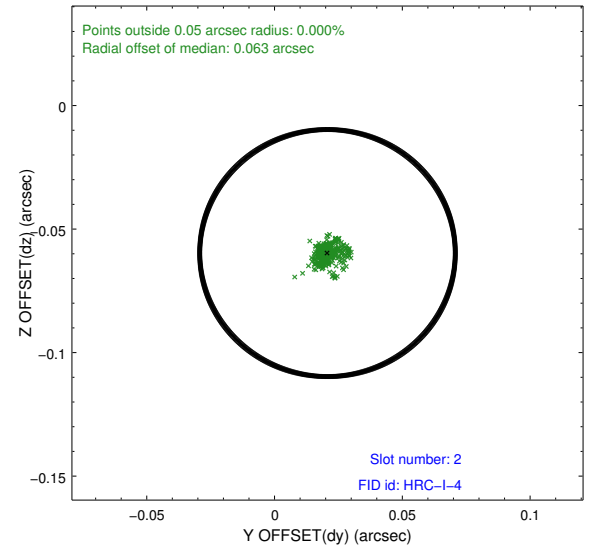
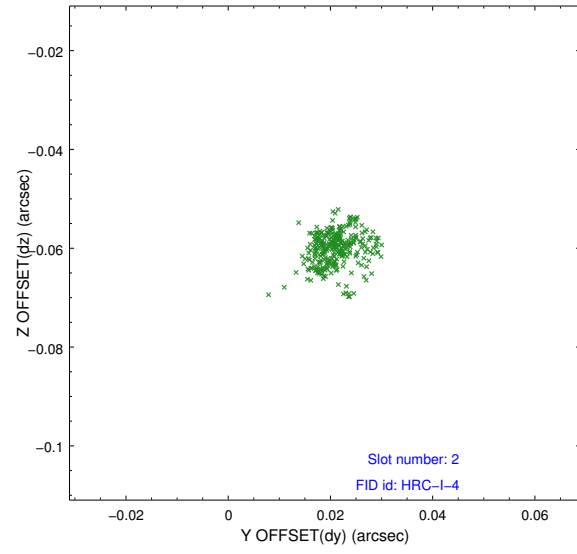
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.193

A.2 Comments