

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3105 - L2 Version 4
Chandra X-Ray Center

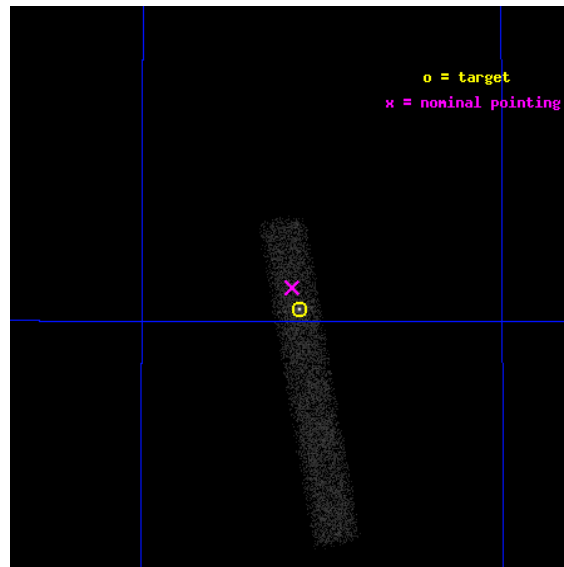
L2 Processing Date : Oct 1 2012

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1 Front

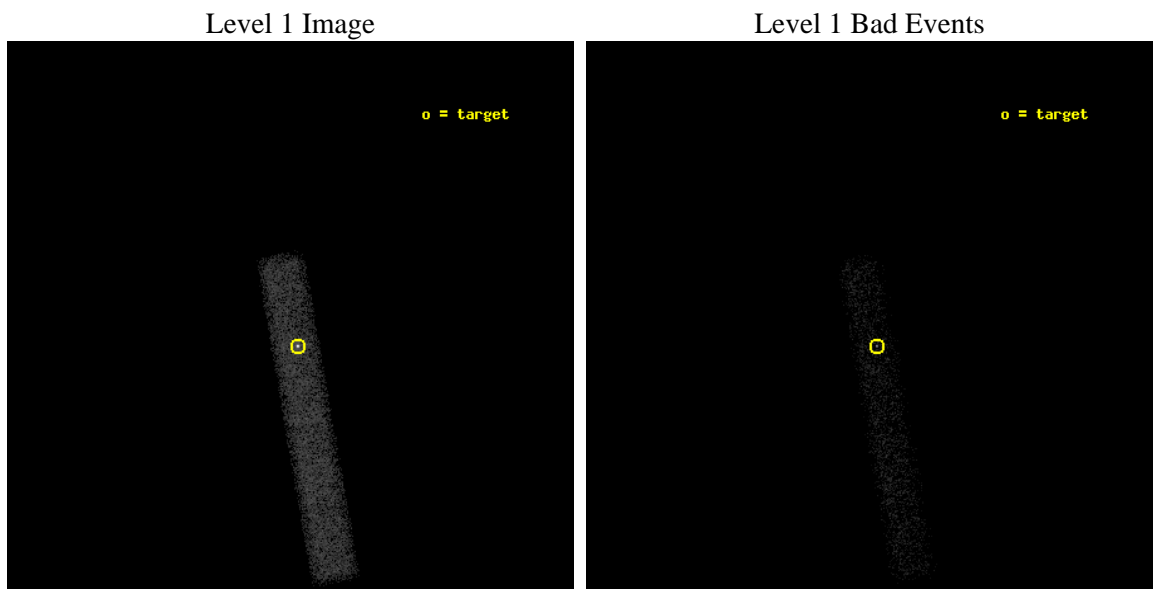
seq_num	700544	Sequence number
obs_id	3105	Observation id
title	X-RAY IMAGING OF GPS AND CSS QUASARS	Proposal title
observer	Dr. Aneta Siemiginowska	Principal investigator
object	Q1458+718	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	224.781667	Observer's specified target RA [deg]
dec_targ	71.672222	Observer's specified target Dec [deg]
ra_nom	224.79228168065	Nominal RA [deg]
dec_nom	71.681312445213	Nominal Dec [deg]
roll_nom	79.988549034881	Nominal Roll [deg]
revision	4	Processing version of data
ontime	18684.800278425	Sum of GTIs [s]
livetime	16946.127587906	Livetime [s]
ontime7	18684.800278425	Sum of GTIs [s]
l2events	15074	Number of level 2 events



2 OBI

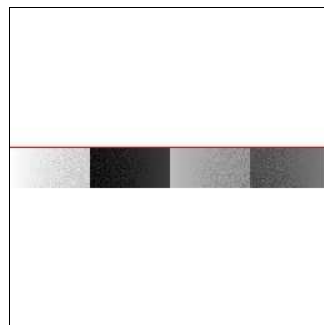
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	18000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	18684.800278425	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	18684.800278425	Sum of GTIs [s]
date	2012-10-01T03:43:32	Date and time of file creation	l1events	26509	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	26509
rejected events	11056
rejected %	41%

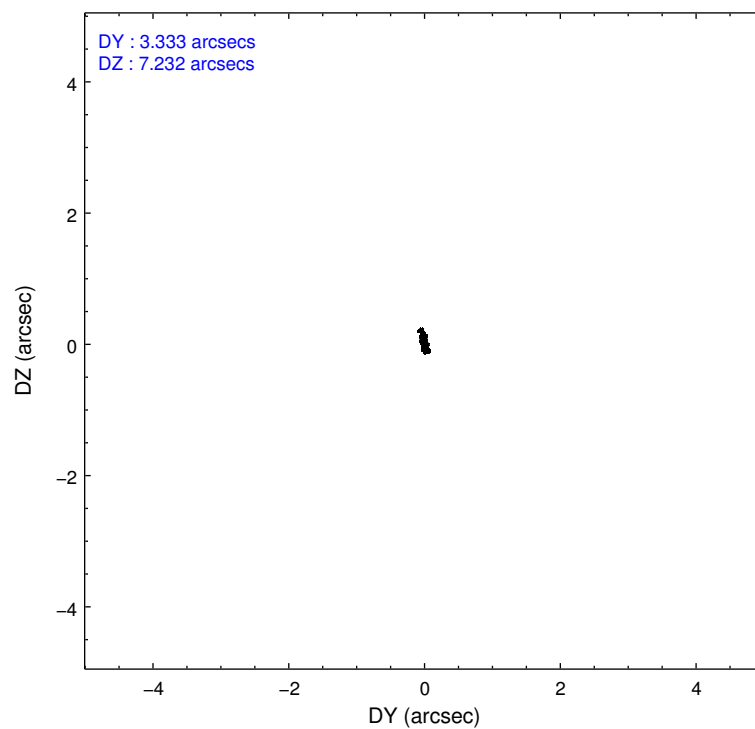
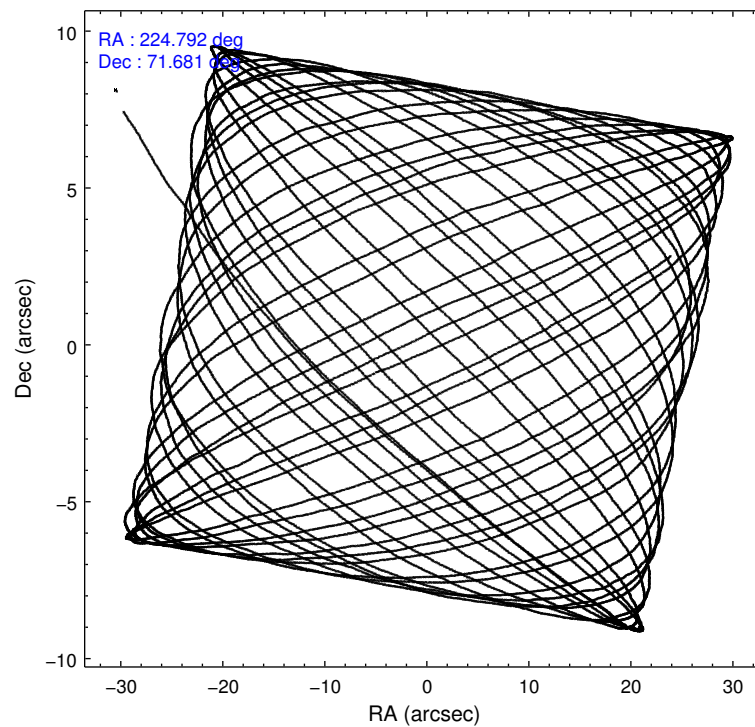
	ccd 7
grade 0 events	3085
	11%
grade 1 events	50
	0%
grade 2 events	3319
	12%
grade 3 events	1987
	7%
grade 4 events	1851
	6%
grade 5 events	1956
	7%
grade 6 events	5338
	20%
grade 7 events	8923
	33%

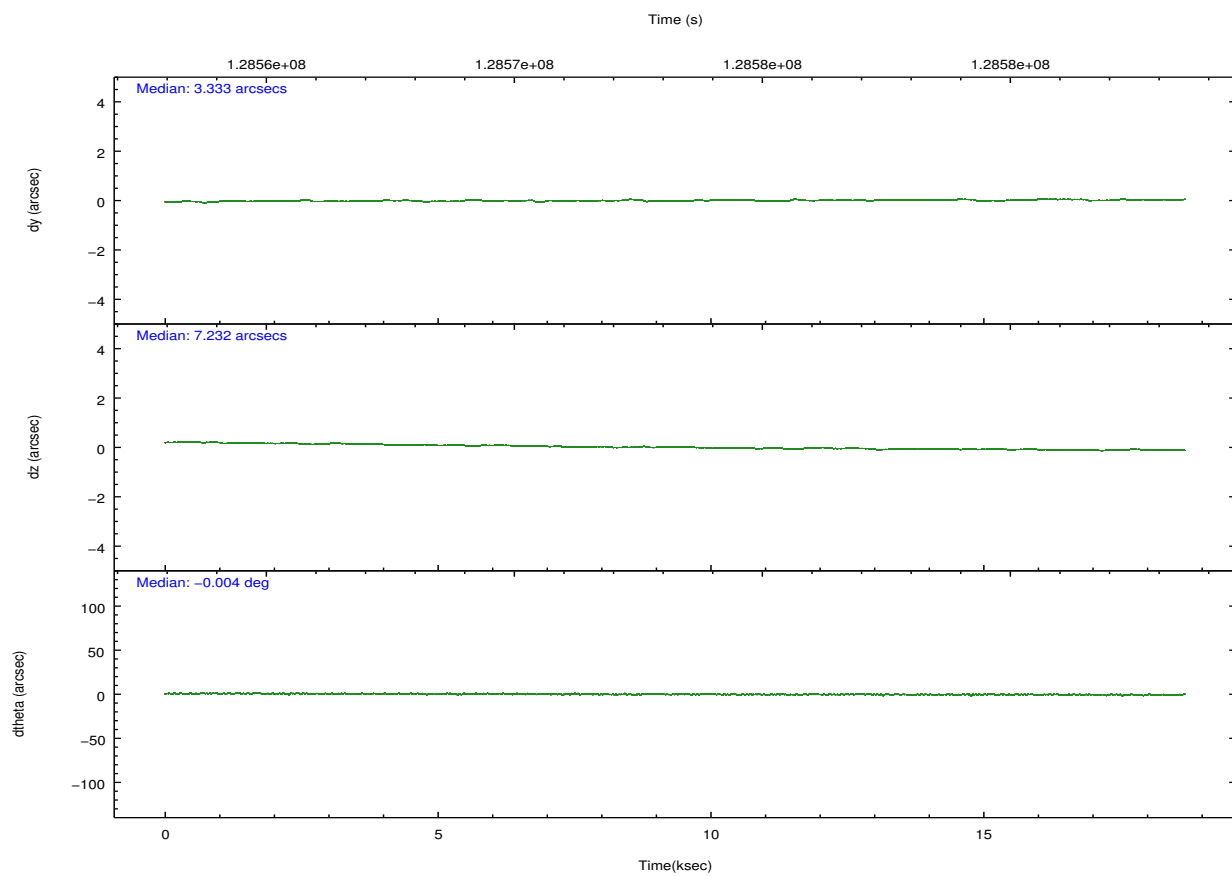
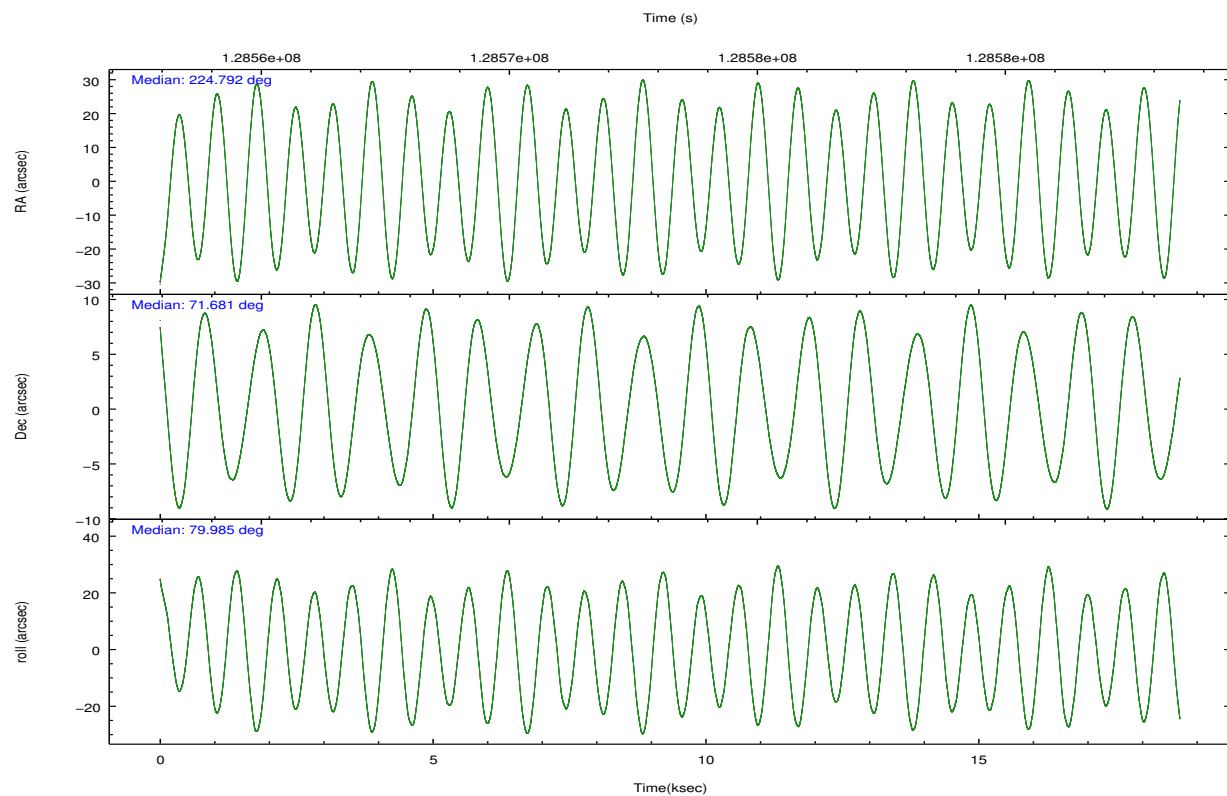
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	224.822920	224.7922816806534
[deg] Pointing Dec	71.655845	71.68131244521305
[deg] Pointing Roll	79.802836	79.98854903488122
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	128564581.184000	128563375.5807
Observation start date	2002-01-28T00:21:57	2002-01-28T00:02:55
[s] Observation end time (MET)	128582581.184000	128583271.8565
Observation end date	2002-01-28T05:21:57	2002-01-28T05:34:31
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



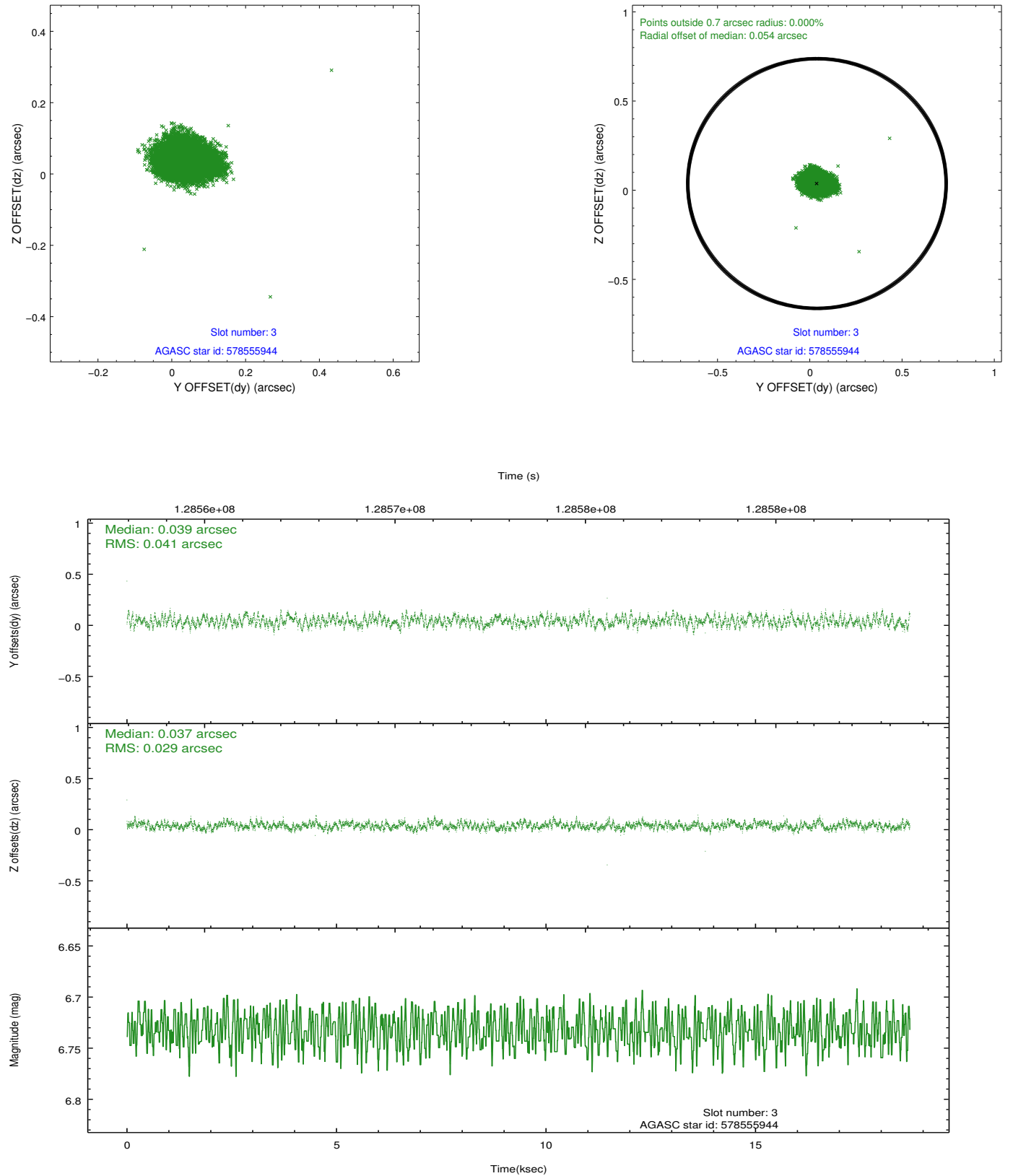


Slot Statistics

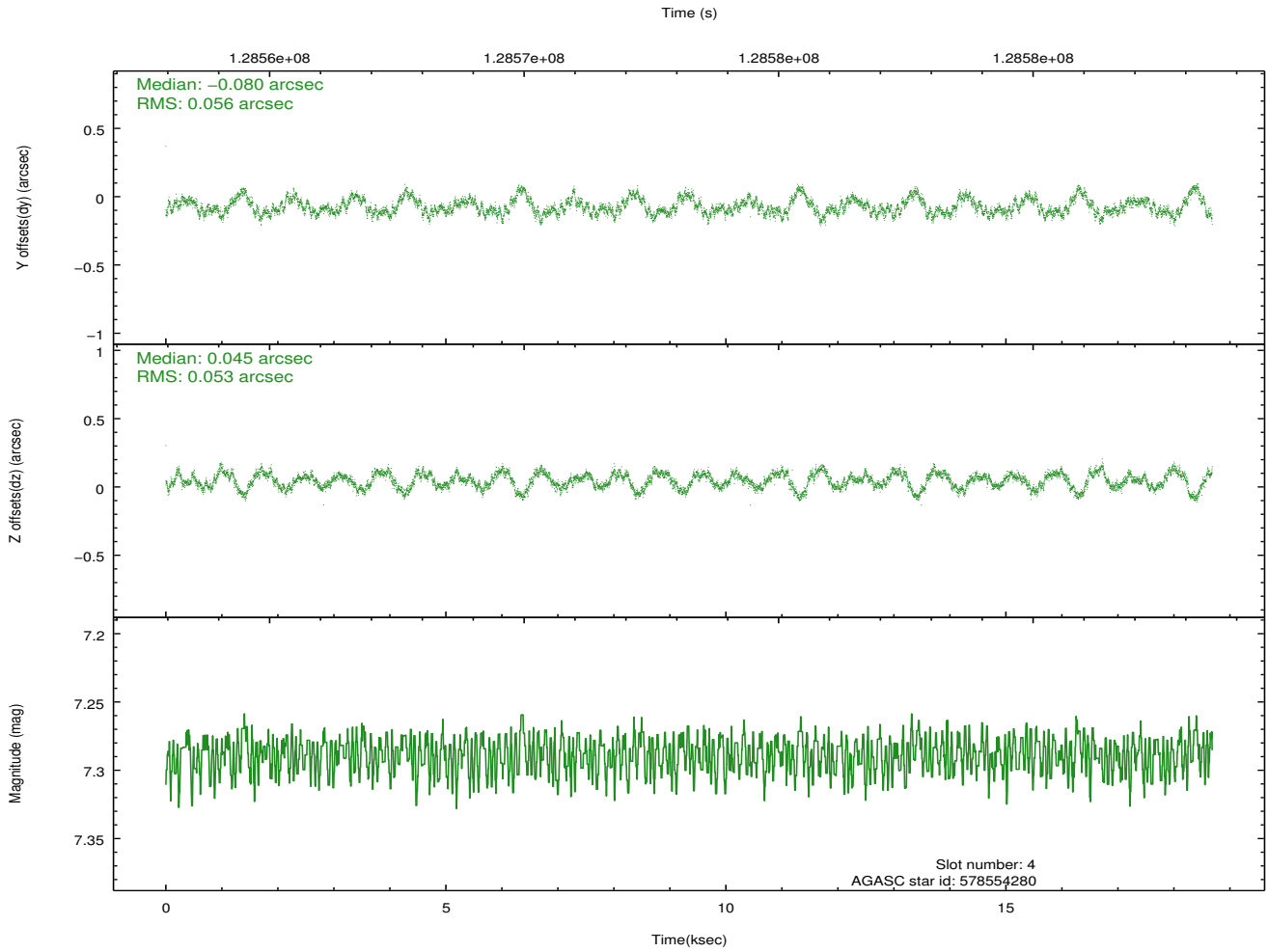
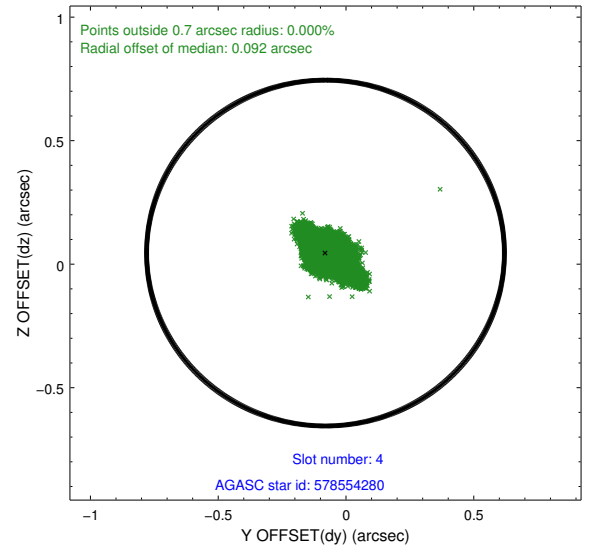
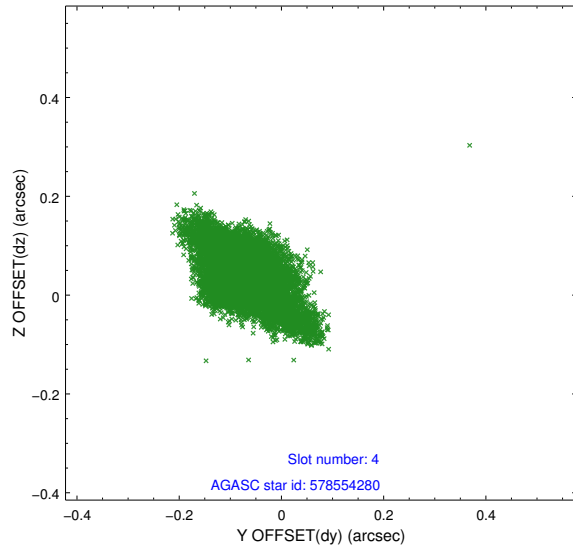
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4558	-0.011	0.003	0.007	0.012	0.000000	0.000000	-755.99	-1728.42
1	FID	ACIS-S-4	7.20	4558	-0.014	0.005	0.006	0.010	0.000000	0.000000	2157.18	179.85
2	FID	ACIS-S-5	7.24	4558	-0.006	0.002	0.007	0.012	0.000000	0.000000	-1808.56	173.75
3	GUIDE	578555944	6.73	9115	0.039	0.037	0.053	0.084	225.112308	71.765457	447.69	-250.01
4	GUIDE	578554280	7.29	9114	-0.080	0.045	0.077	0.143	226.440995	71.882716	1149.26	-1633.50
5	GUIDE	578561736	8.20	9113	-0.050	0.001	0.062	0.097	225.327417	71.113647	-1813.70	-924.13
6	GUIDE	578430600	8.92	9111	0.038	-0.075	0.063	0.103	223.553187	71.448379	-976.95	1301.44
7	GUIDE	578562768	9.08	9111	0.045	-0.007	0.082	0.134	226.218966	71.765618	686.08	-1474.28

2.4 Star Slots

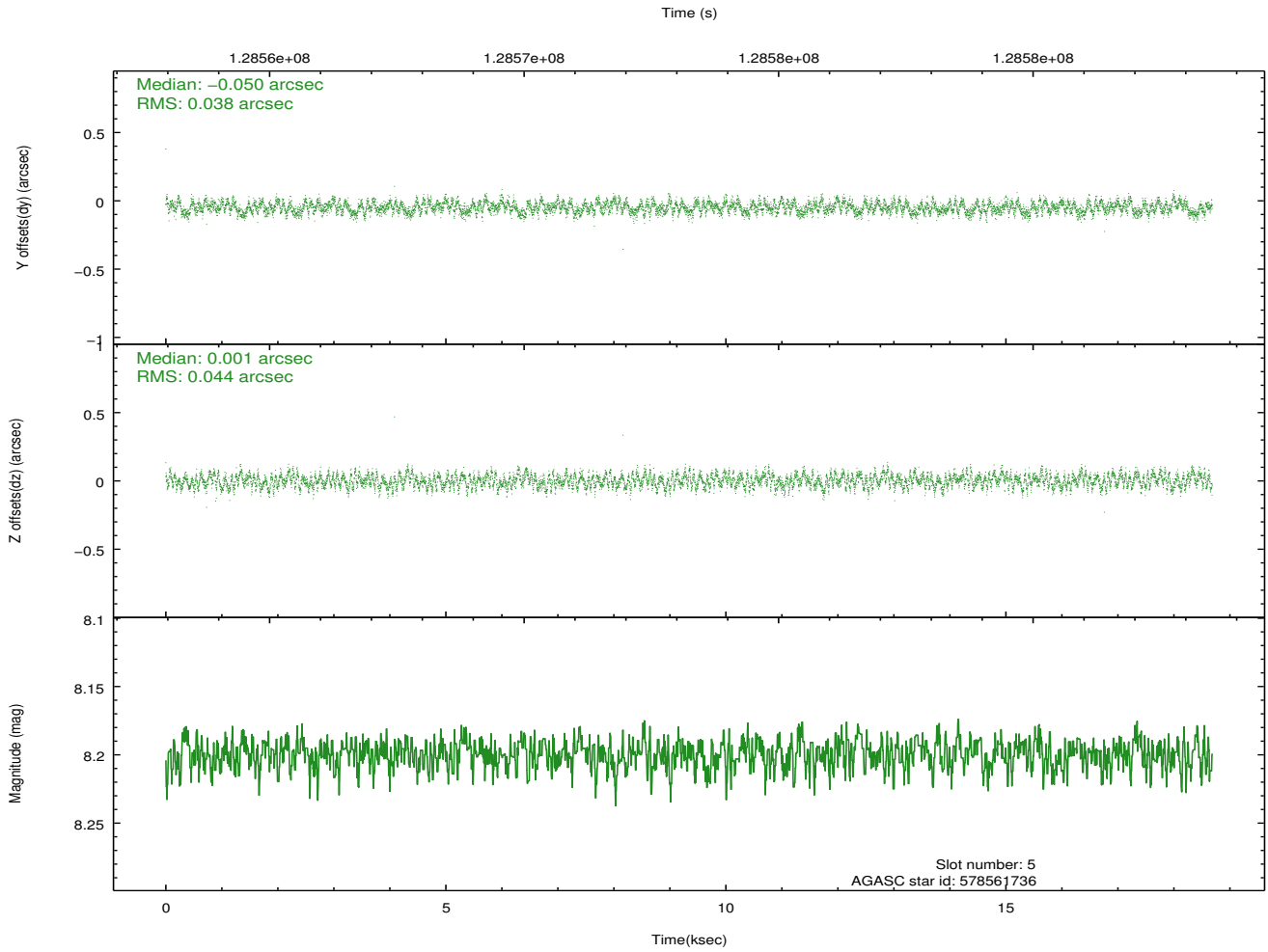
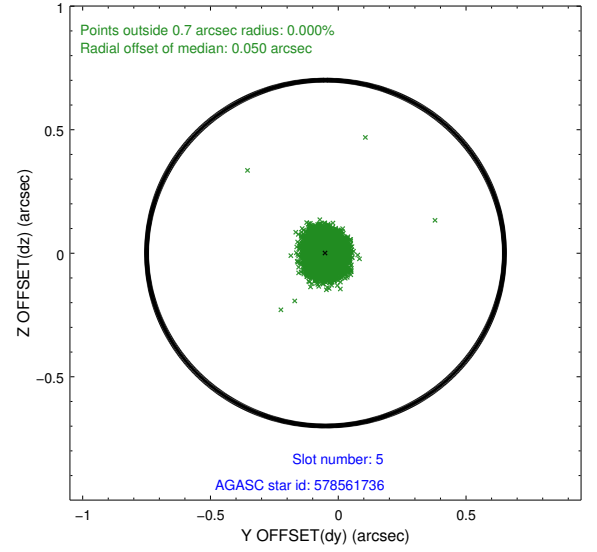
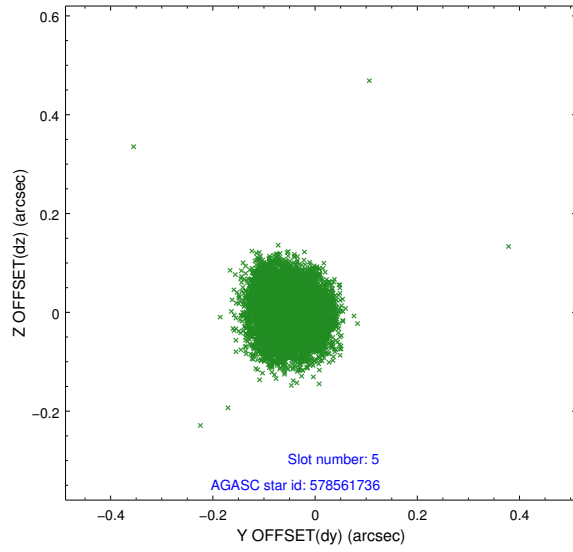
2.4.1 Slot 3



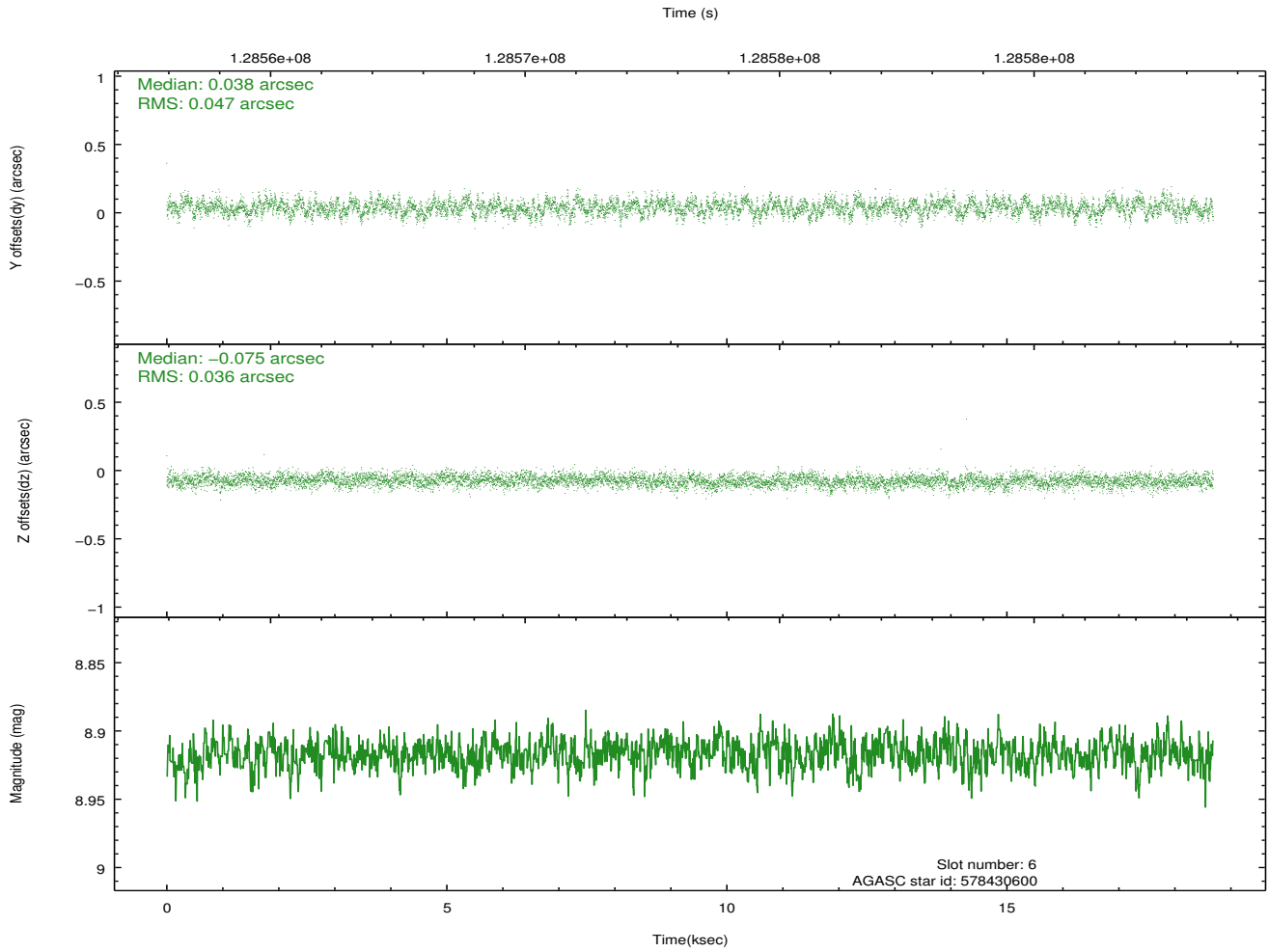
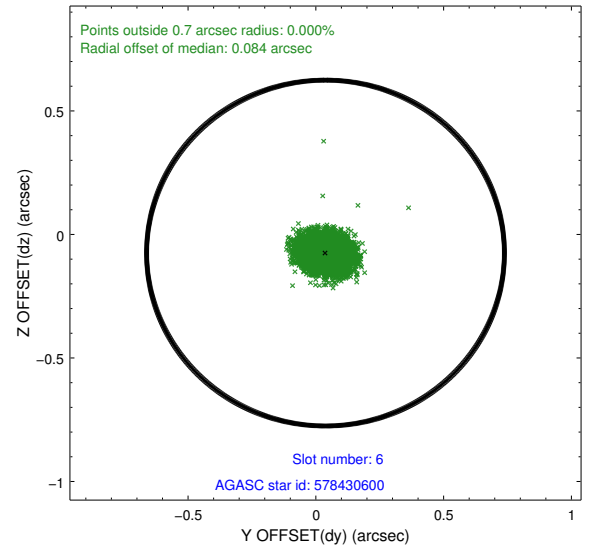
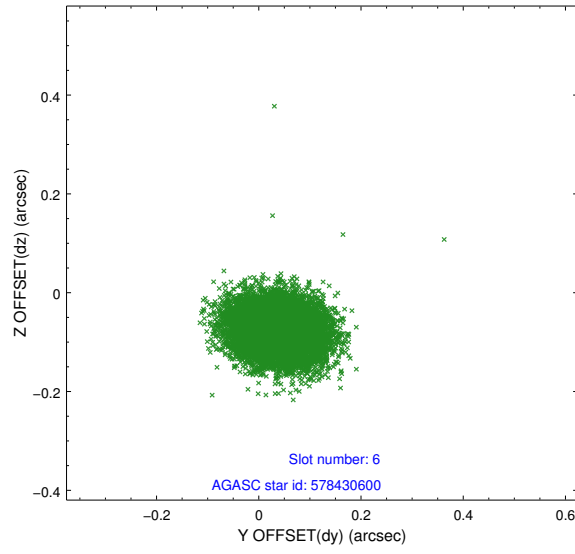
2.4.2 Slot 4



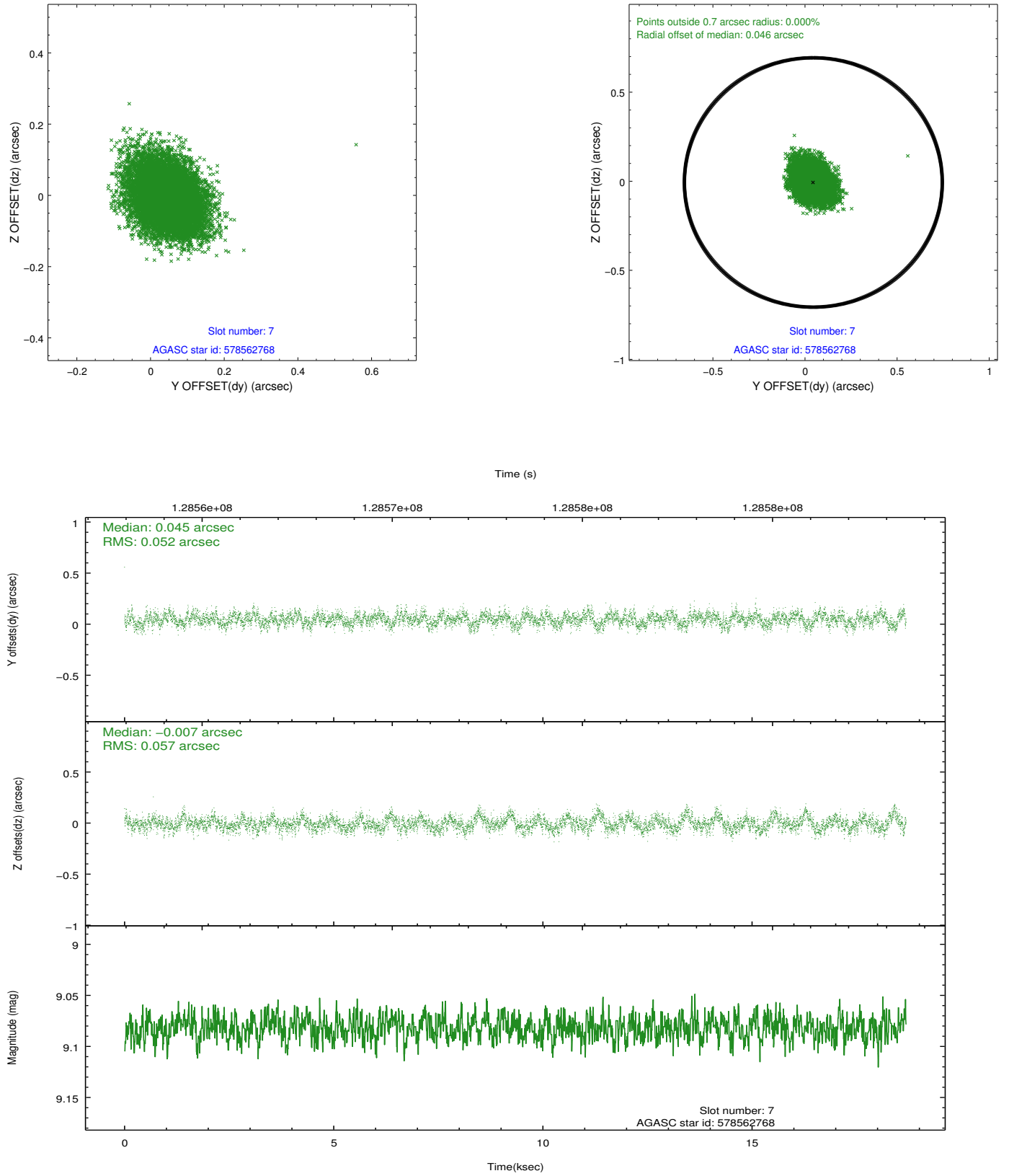
2.4.3 Slot 5



2.4.4 Slot 6

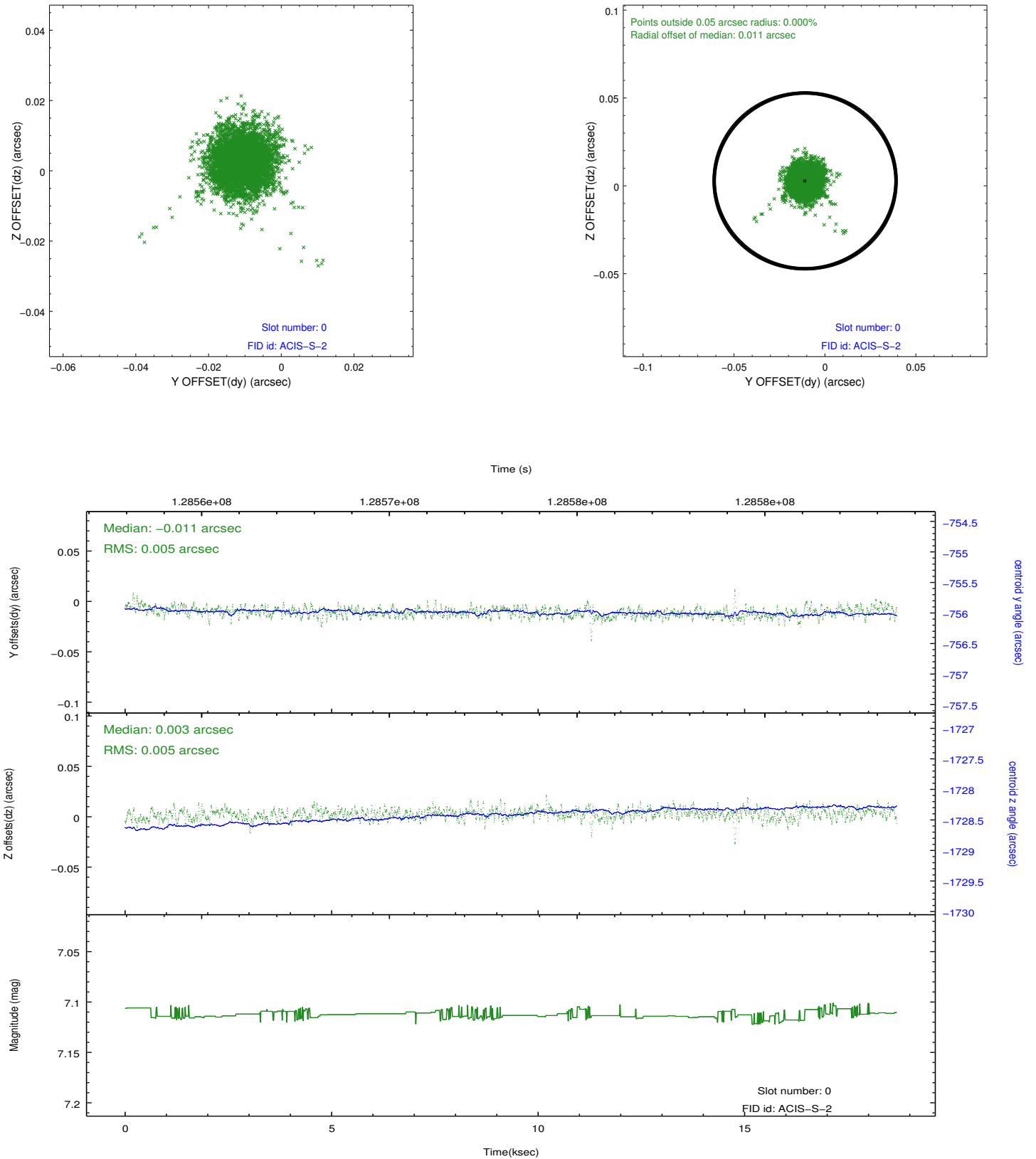


2.4.5 Slot 7

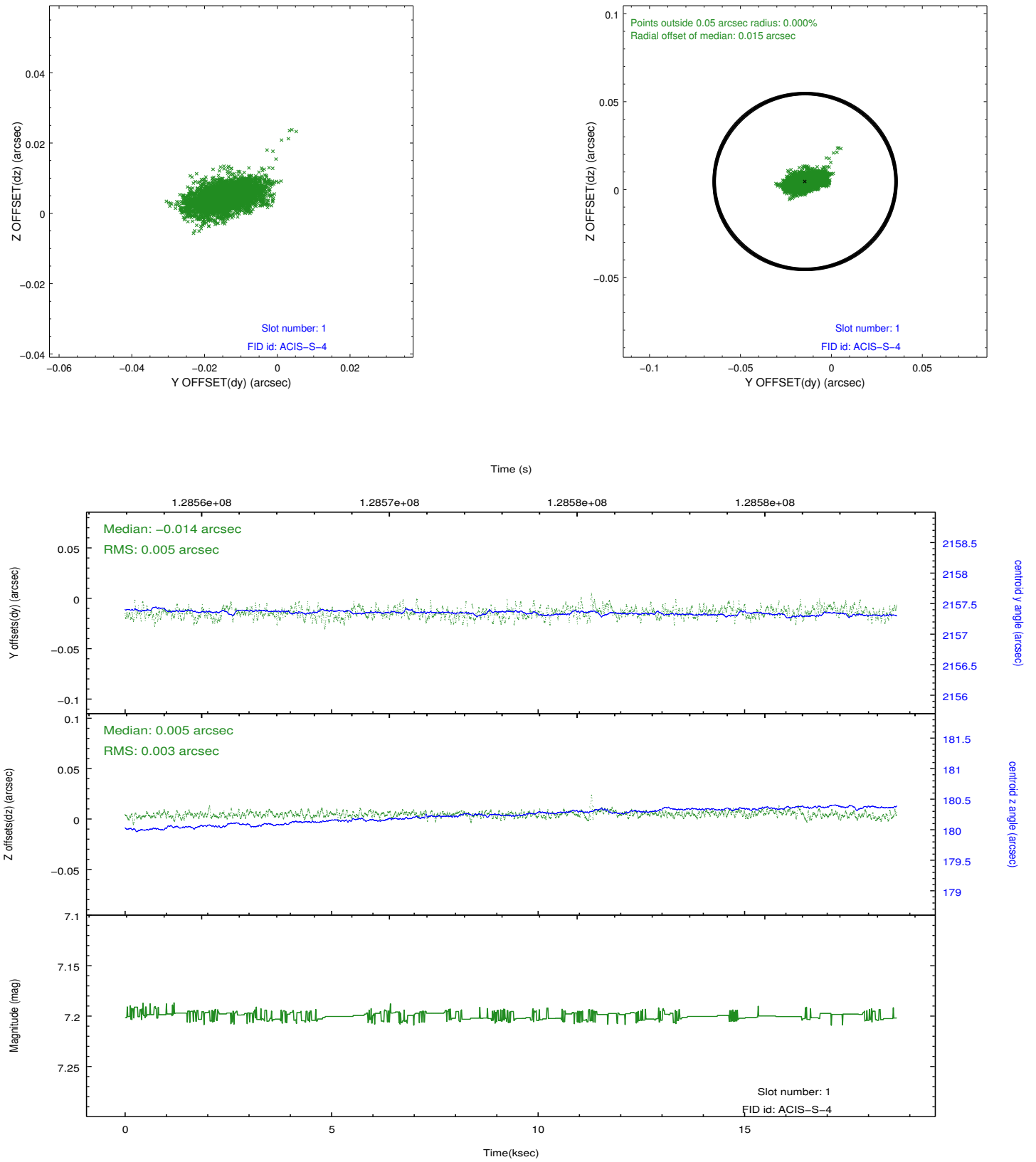


2.5 FID Slots

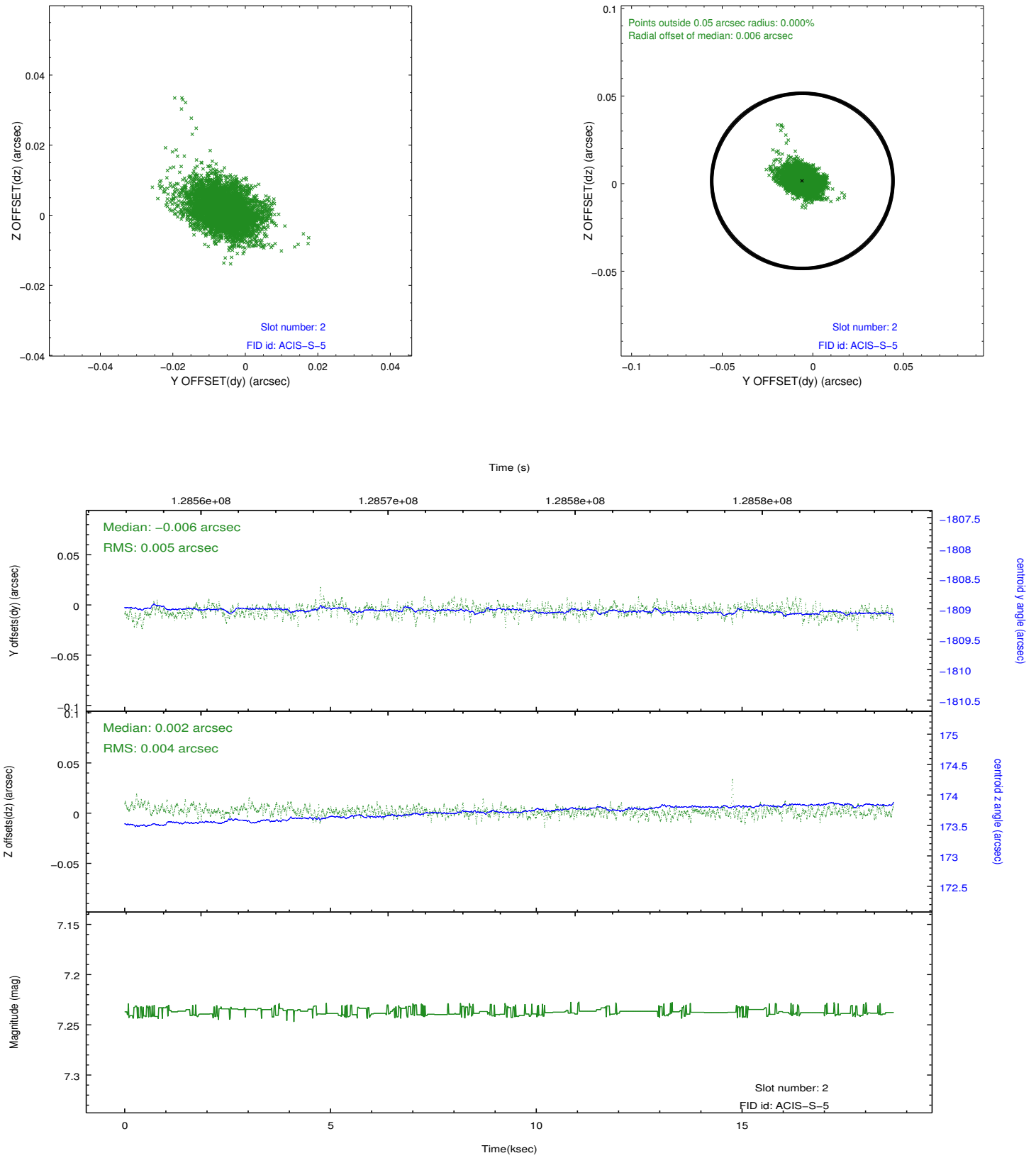
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.684

A.2 Comments

Joint Proposal: HST+NOAO