

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10373 - L2 Version 2
Chandra X-Ray Center

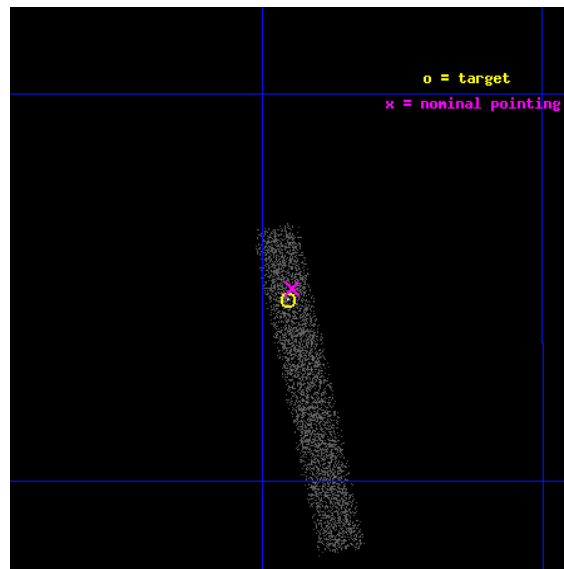
L2 Processing Date : Jun 1 2012

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1 Front

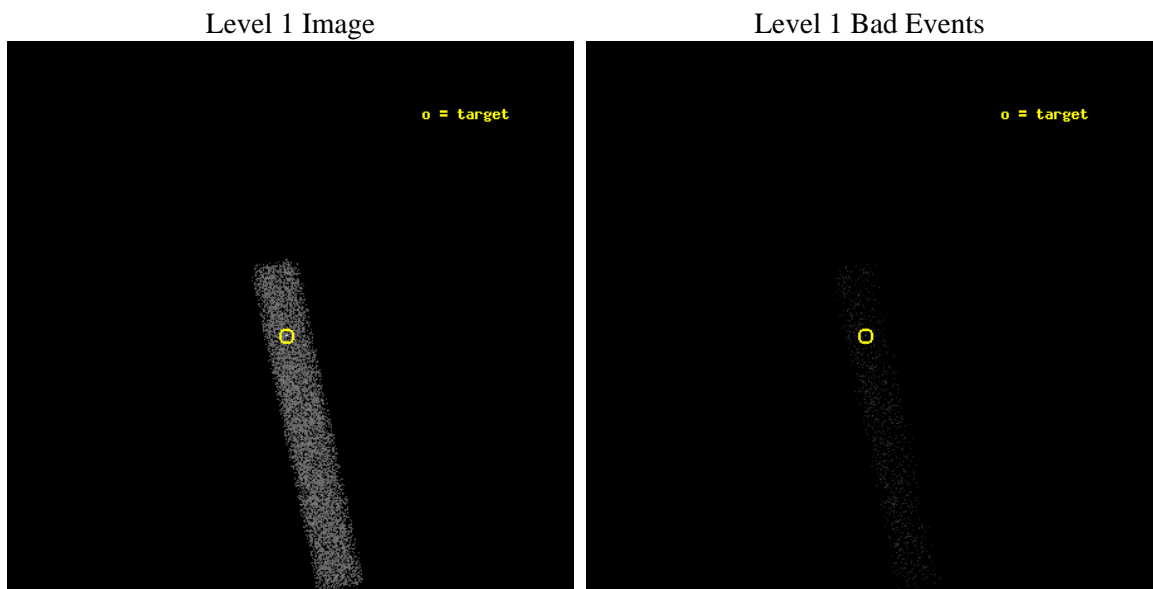
seq_num	701916	Sequence number
obs_id	10373	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1116+128	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	169.73875	Observer's specified target RA [deg]
dec_targ	12.57825	Observer's specified target Dec [deg]
ra_nom	169.73708672846	Nominal RA [deg]
dec_nom	12.582778829446	Nominal Dec [deg]
roll_nom	78.03590018438	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6151.5996333361	Sum of GTIs [s]
livetime	5579.1761593833	Livetime [s]
ontime7	6151.5996333361	Sum of GTIs [s]
l2events	5580	Number of level 2 events



2 OBI

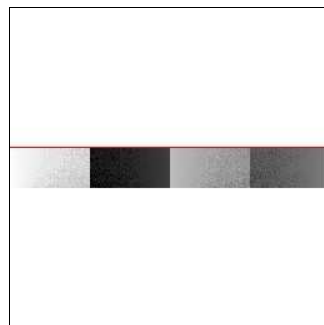
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6151.5996333361	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	6151.5996333361	Sum of GTIs [s]
date	2012-06-01T05:53:28	Date and time of file creation	l1events	13719	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

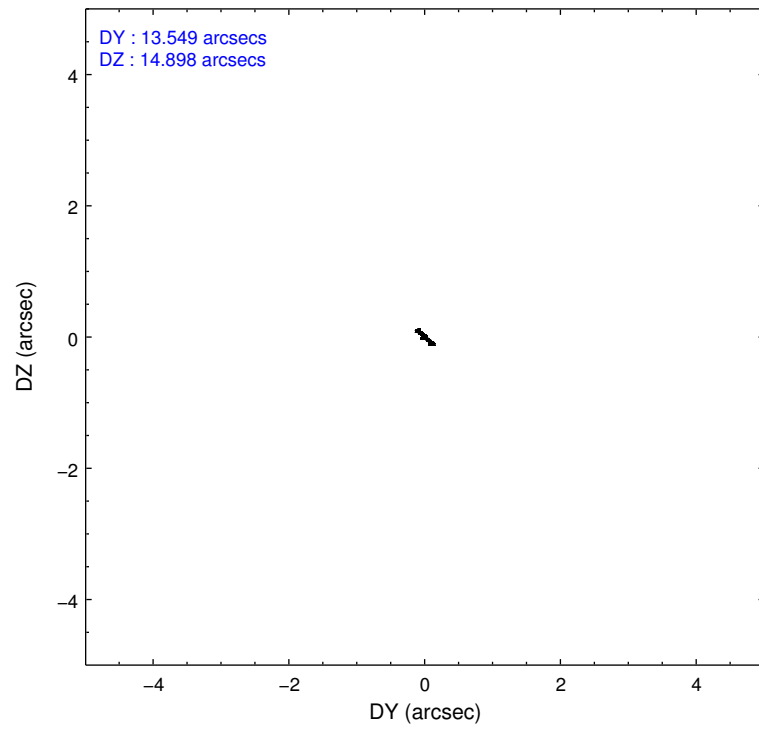
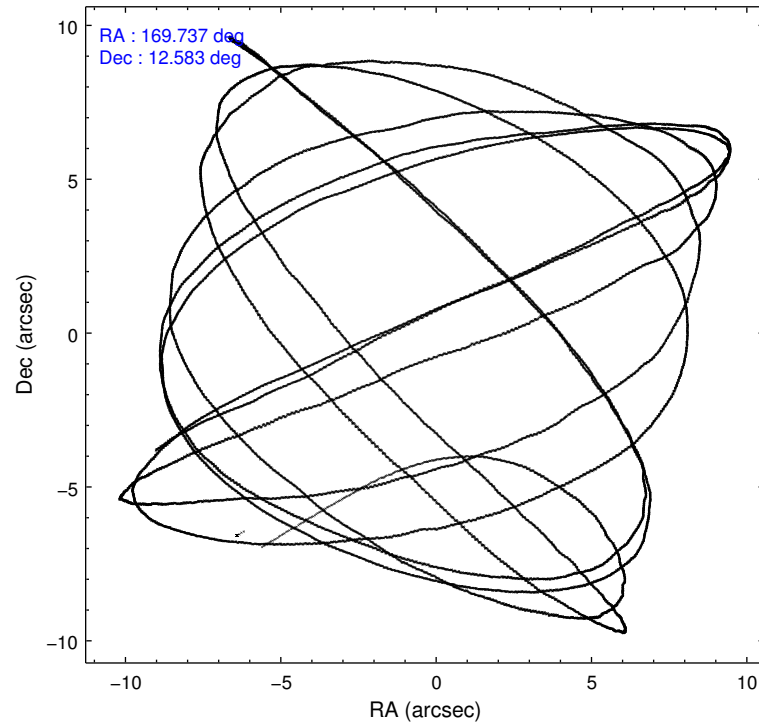
	ccd 7
level 1 events	13719
rejected events	7926
rejected %	57%

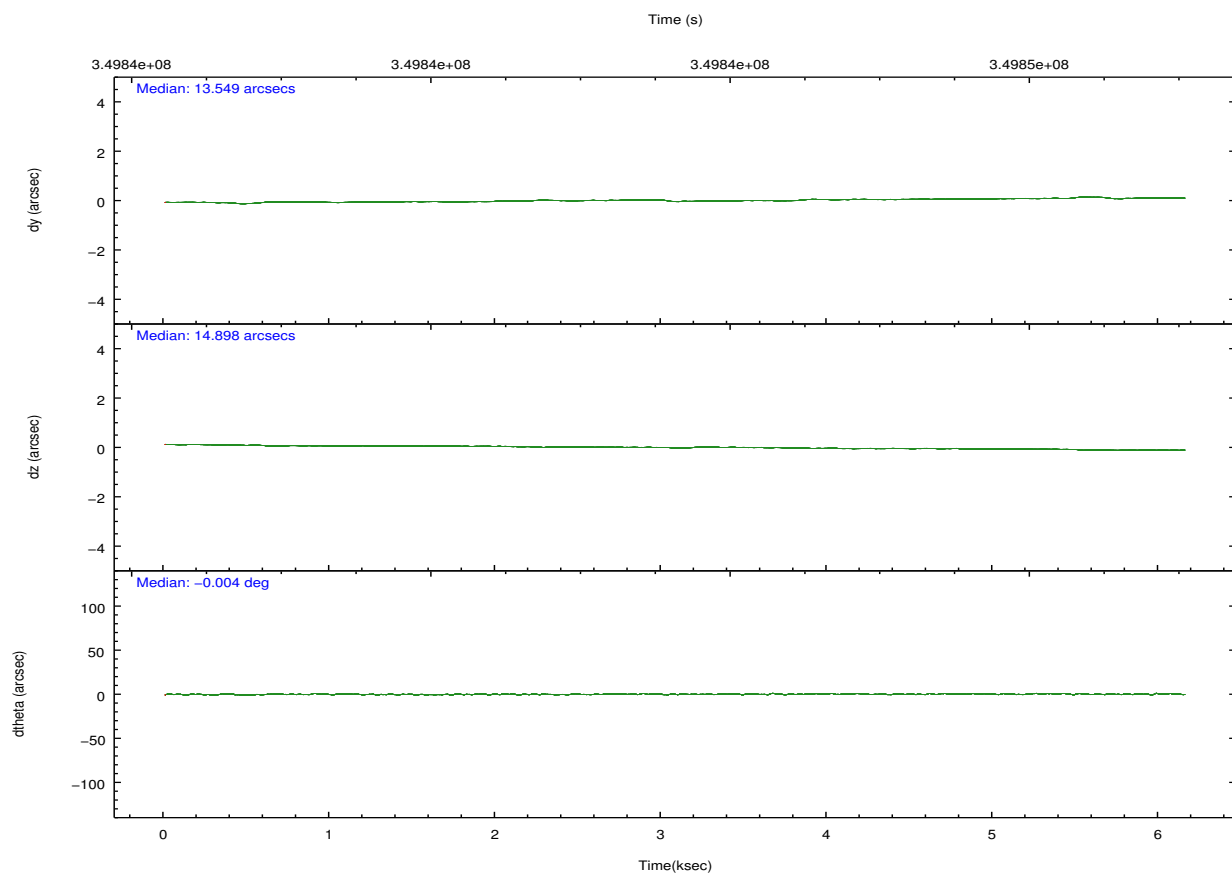
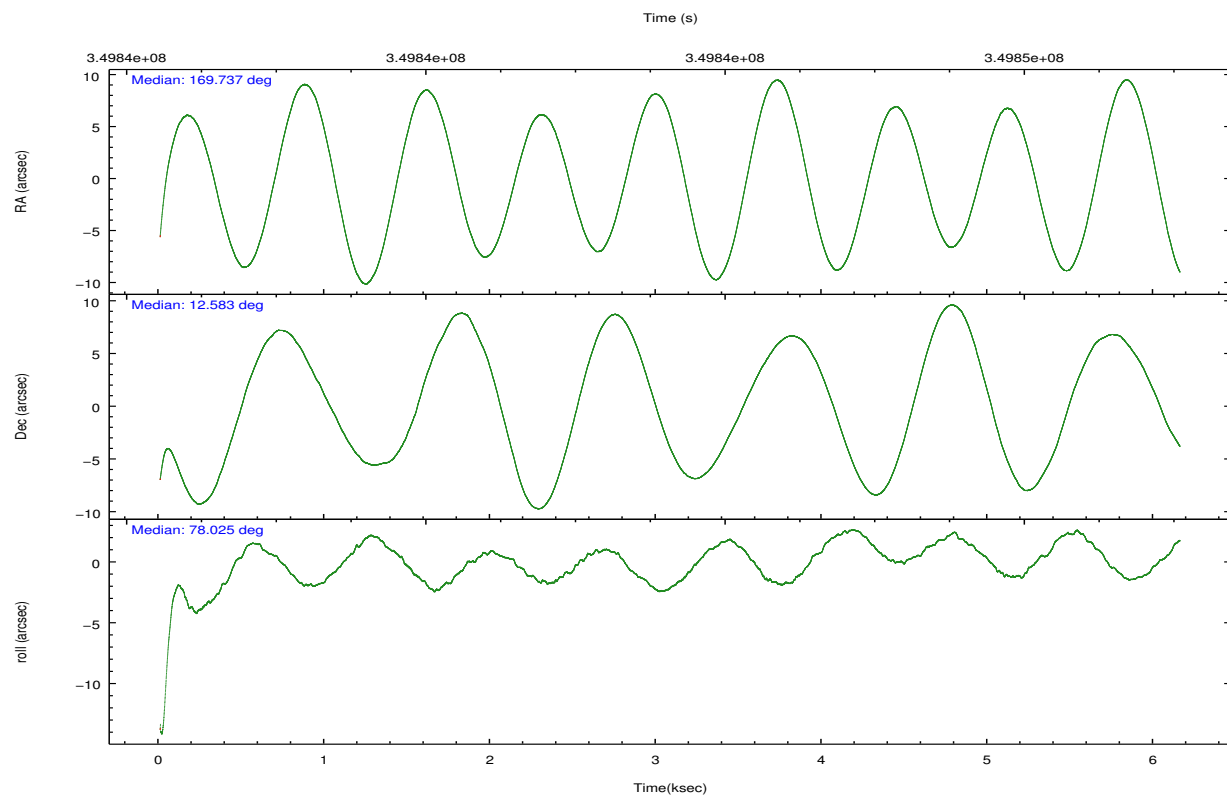
	ccd 7
grade 0 events	752
	5%
grade 1 events	16
	0%
grade 2 events	1326
	9%
grade 3 events	876
	6%
grade 4 events	818
	5%
grade 5 events	1206
	8%
grade 6 events	2911
	21%
grade 7 events	5814
	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	169.746108	169.7370867284613	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.556932	12.58277882944627	Subarray start row	449	449
[deg] Pointing Roll	77.877337	78.03590018438044	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	349840710.184000	349839536.70552			
Observation start date	2009-02-01T01:57:24	2009-02-01T01:38:56			
[s] Observation end time (MET)	349846710.184000	349847775.65593			
Observation end date	2009-02-01T03:37:24	2009-02-01T03:56:15			
Read mode	TIMED	TIMED			

2.3 Aspect



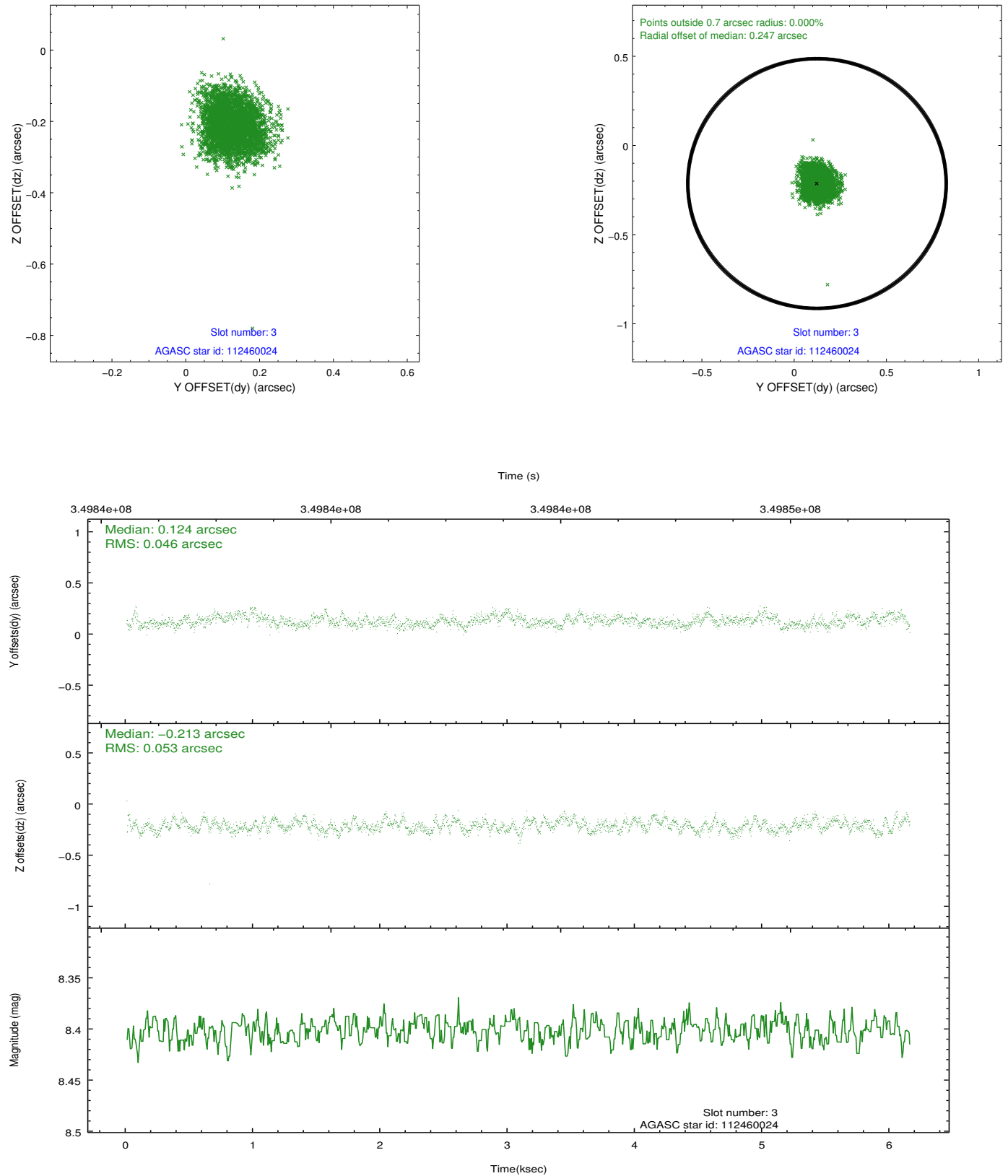


Slot Statistics

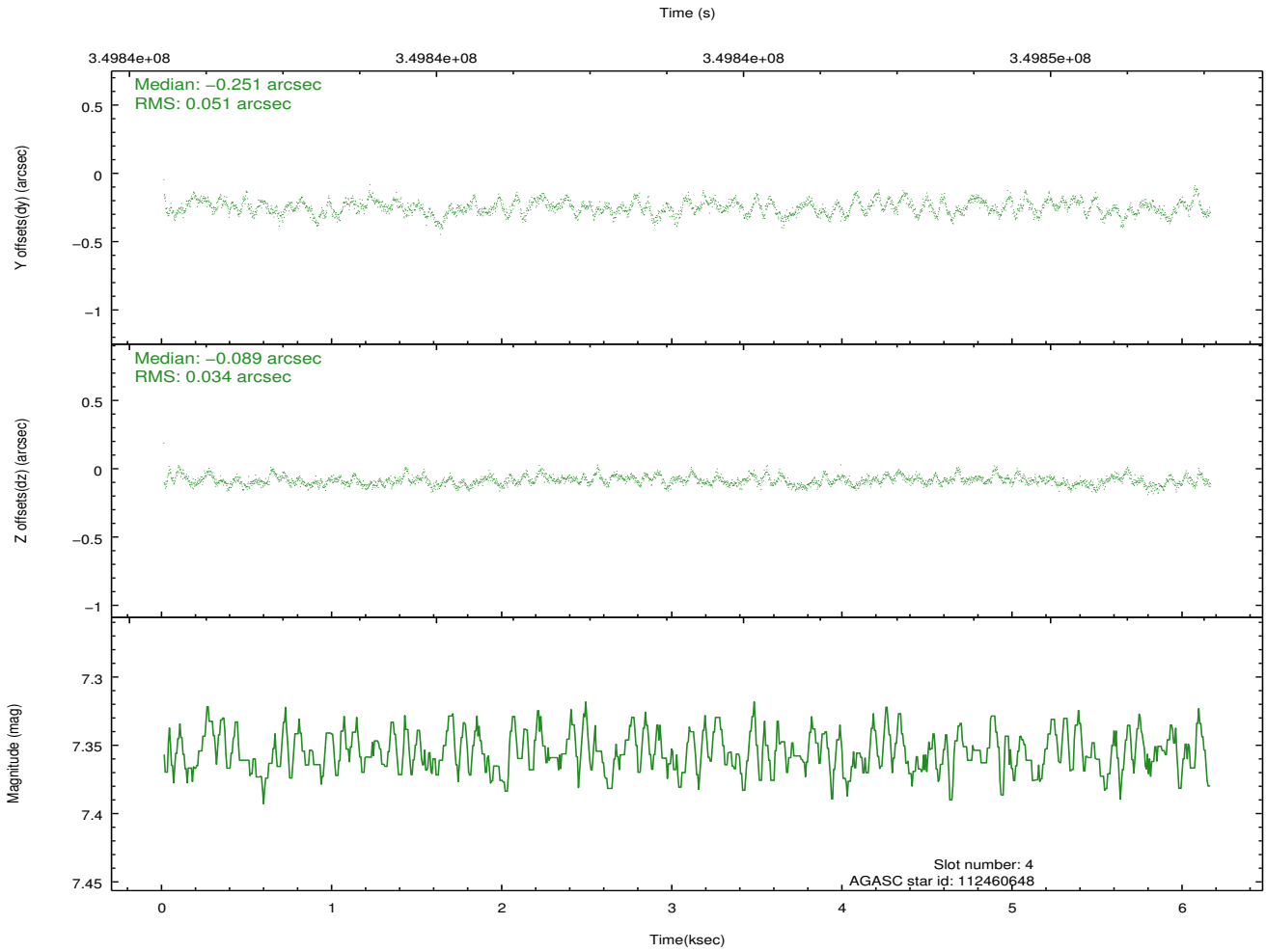
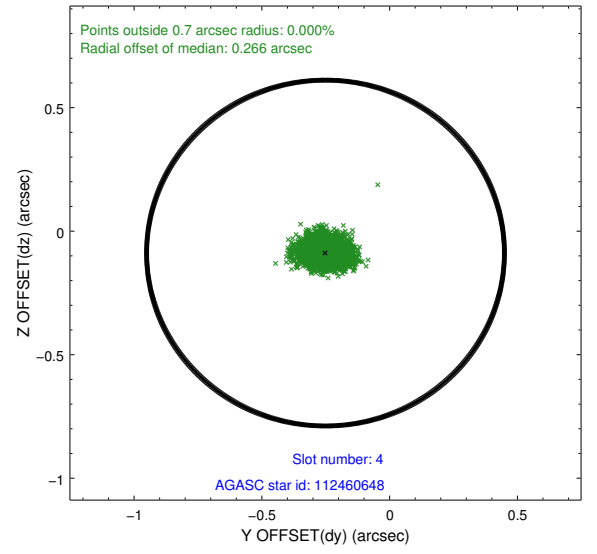
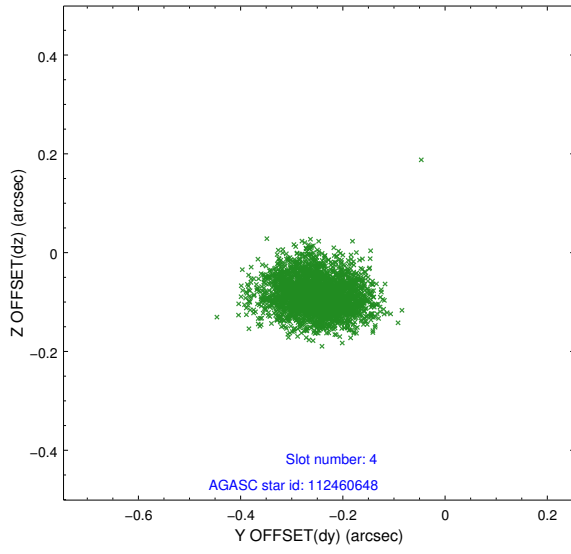
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1501	-0.096	-0.059	0.006	0.010	0.000000	0.000000	-766.58	-1736.33
1	FID	ACIS-S-4	6.99	1501	0.113	0.048	0.006	0.010	0.000000	0.000000	2146.47	171.26
2	FID	ACIS-S-6	7.12	1501	-0.044	0.018	0.006	0.010	0.000000	0.000000	396.69	809.72
3	GUIDE	112460024	8.40	2999	0.124	-0.213	0.075	0.117	169.148778	12.462466	-770.54	1983.12
4	GUIDE	112460648	7.36	3002	-0.251	-0.089	0.066	0.106	169.428228	12.399704	-787.93	974.86
5	GUIDE	112461960	8.51	3000	0.106	0.223	0.069	0.114	170.018601	12.057255	-1556.56	-1315.22
6	GUIDE	112463464	7.10	3002	0.097	-0.047	0.071	0.141	169.587673	11.984512	-2132.35	112.11
7	GUIDE	112859880	8.68	3000	-0.087	0.124	0.068	0.108	170.266867	12.557546	387.12	-1786.23

2.4 Star Slots

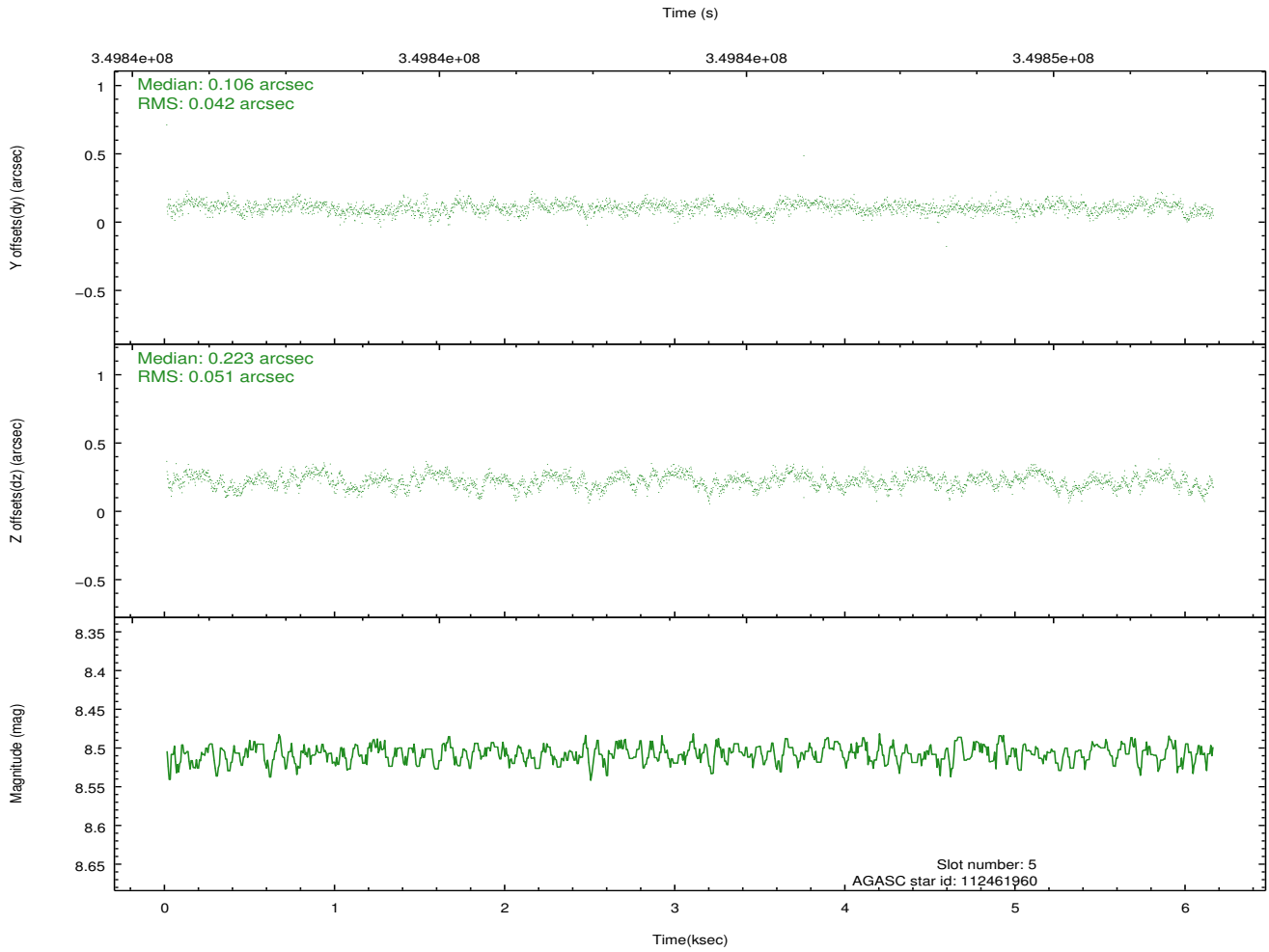
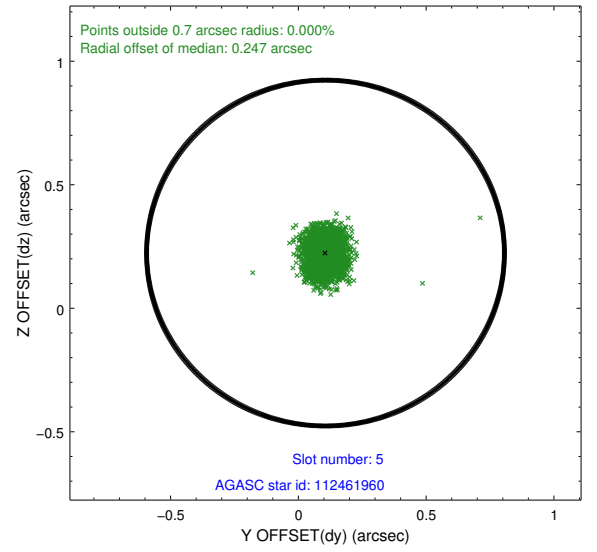
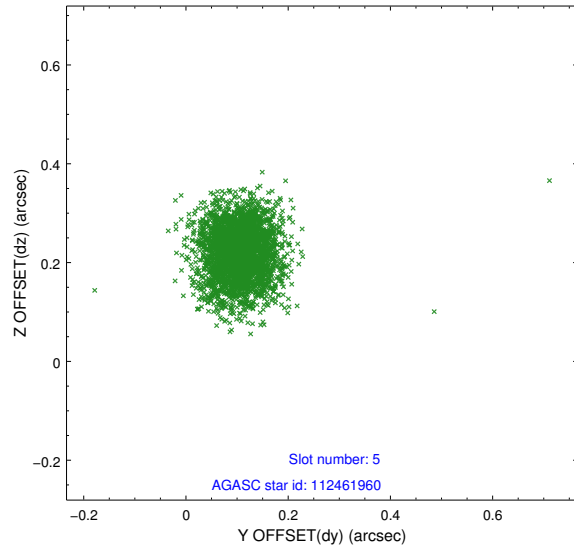
2.4.1 Slot 3



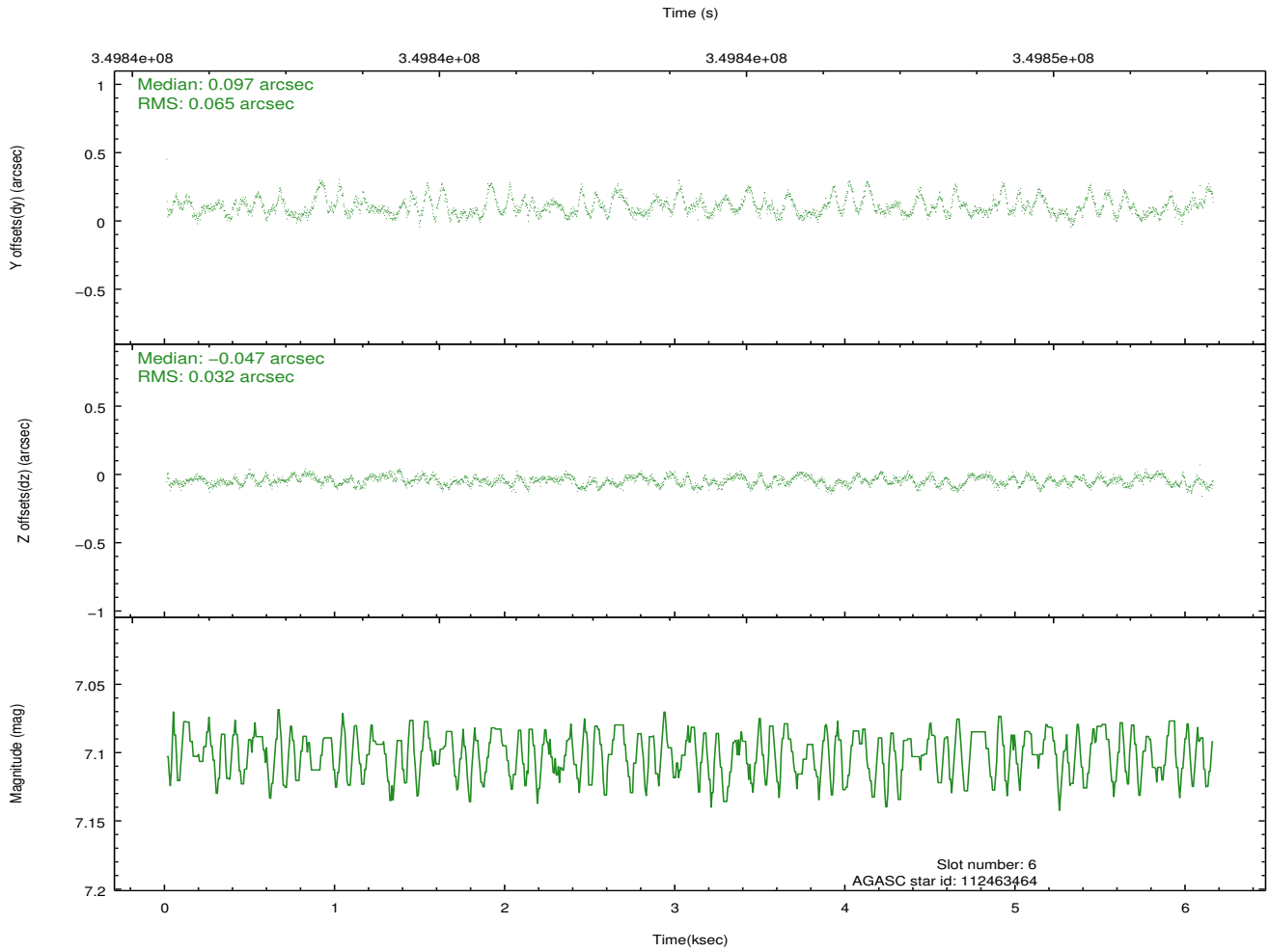
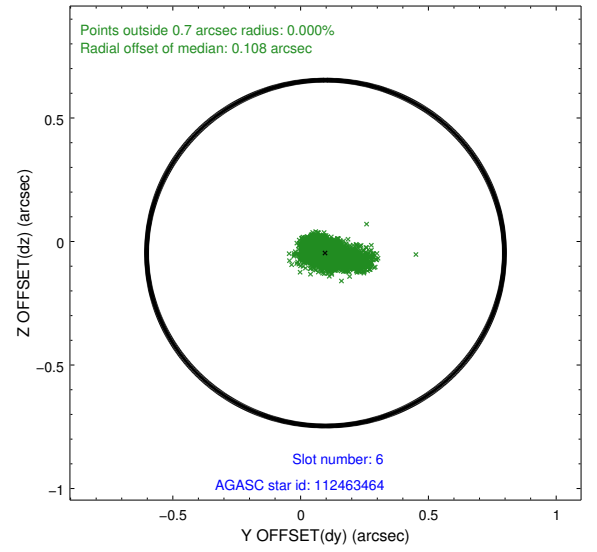
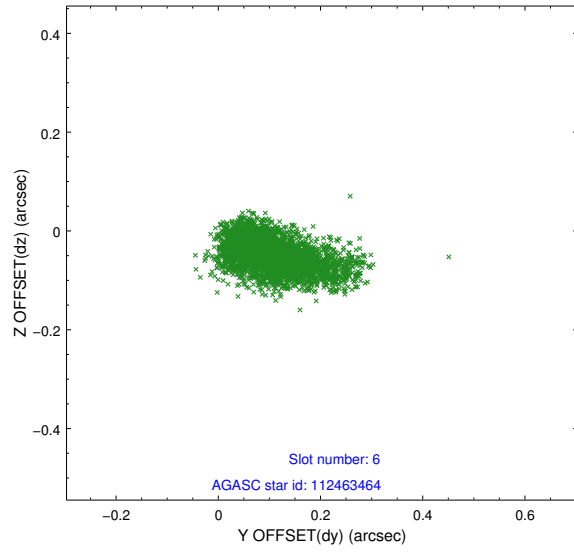
2.4.2 Slot 4



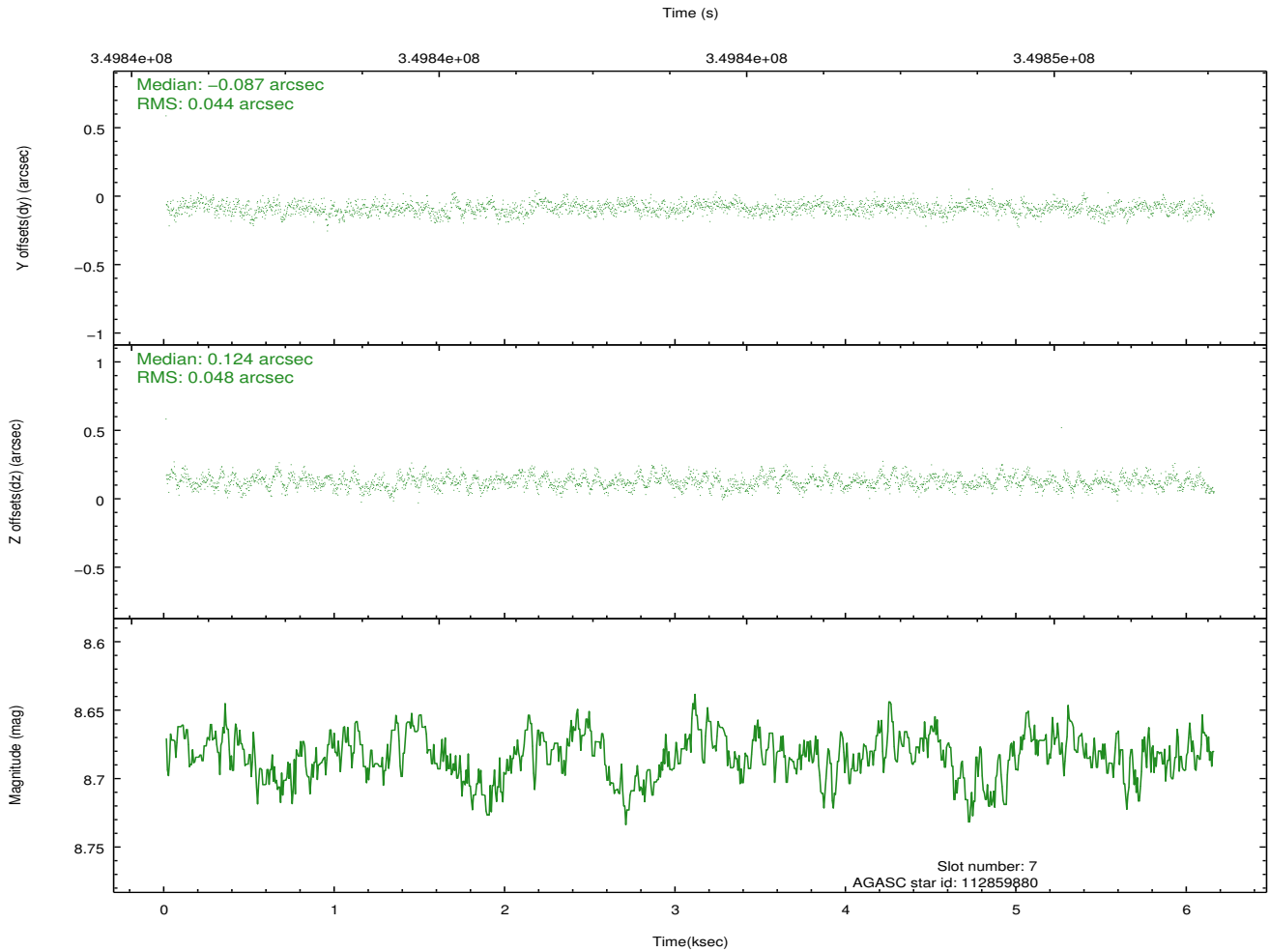
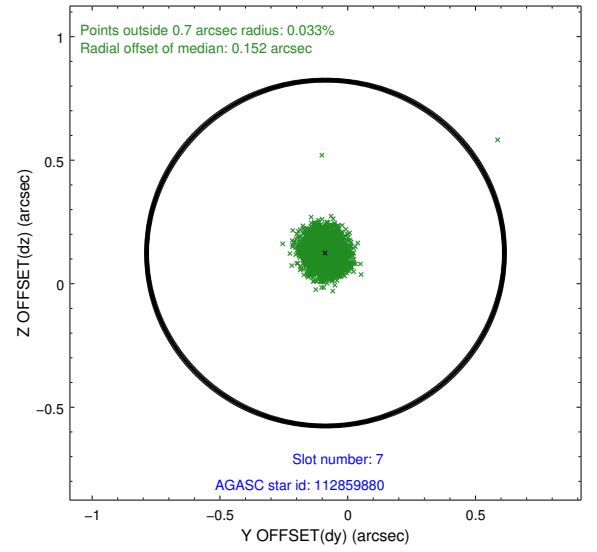
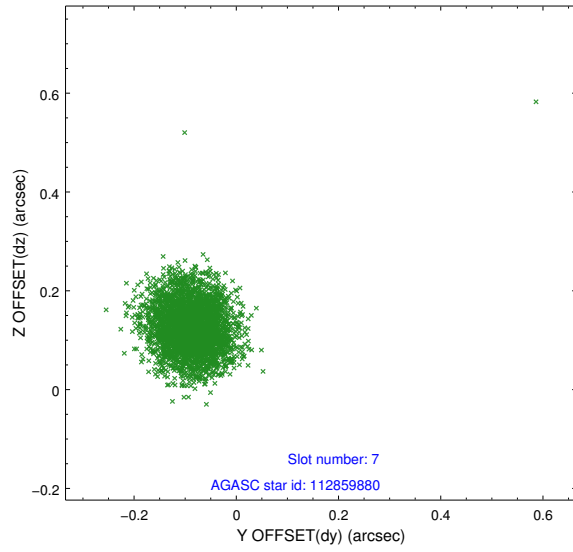
2.4.3 Slot 5



2.4.4 Slot 6

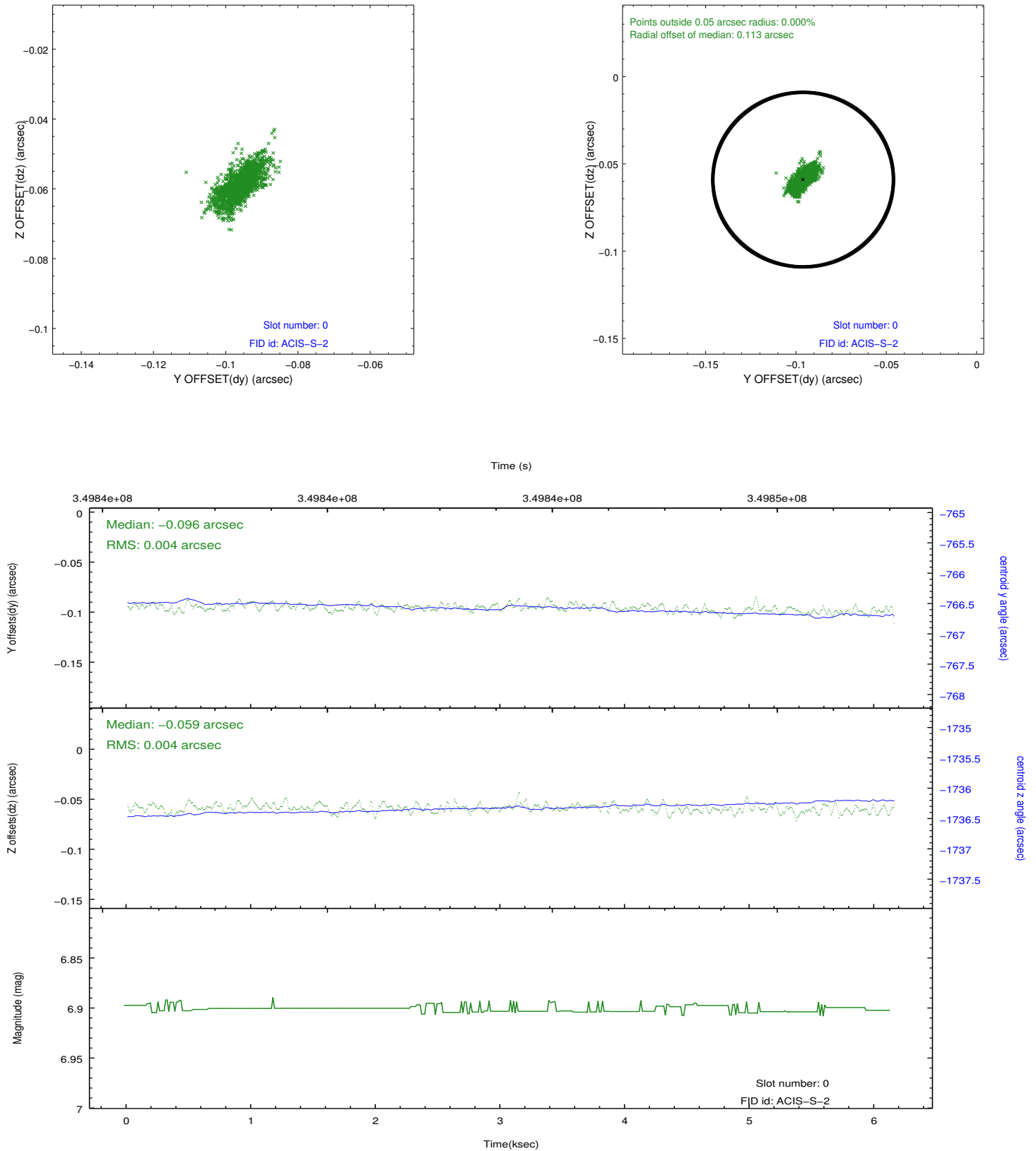


2.4.5 Slot 7

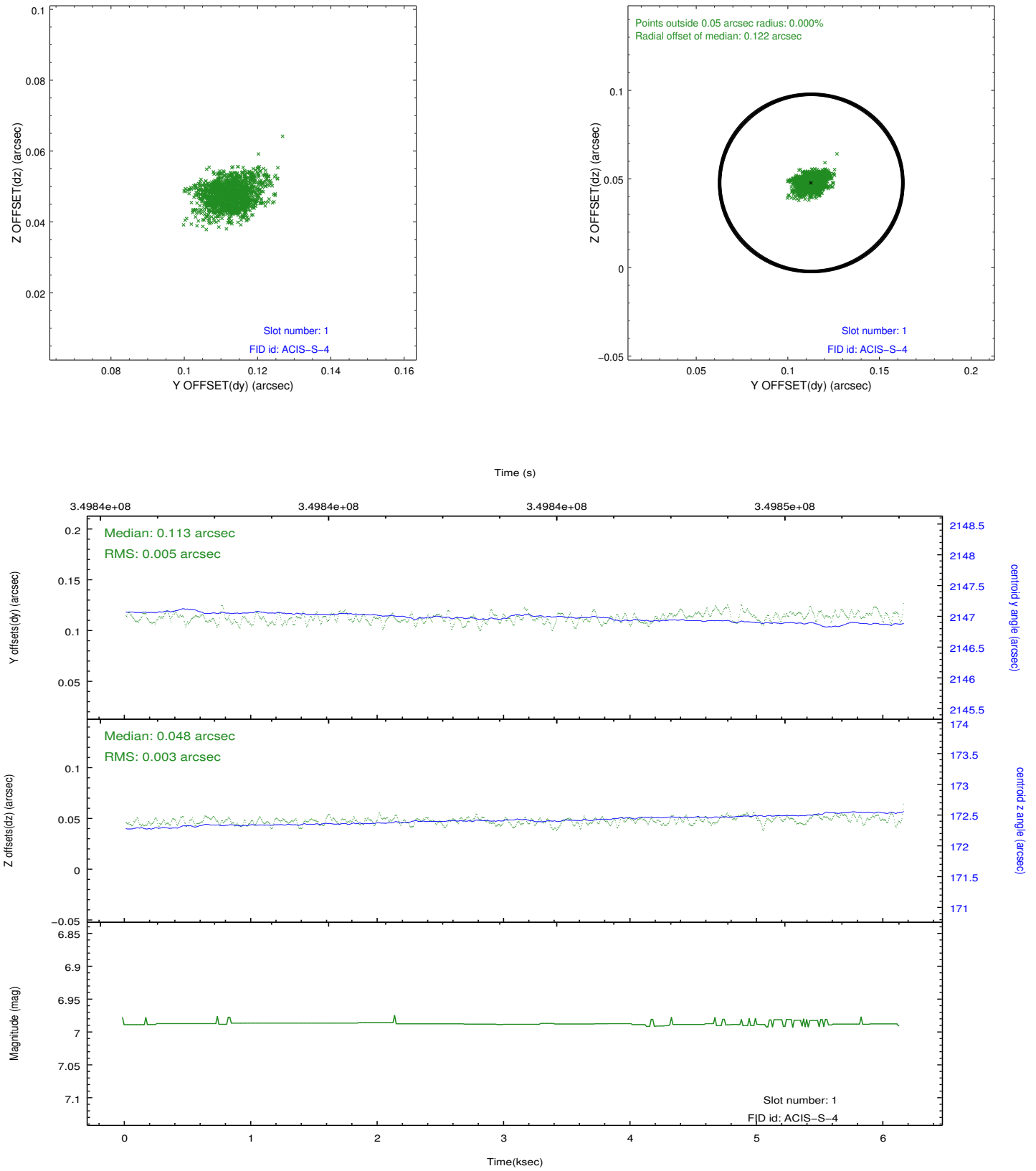


2.5 FID Slots

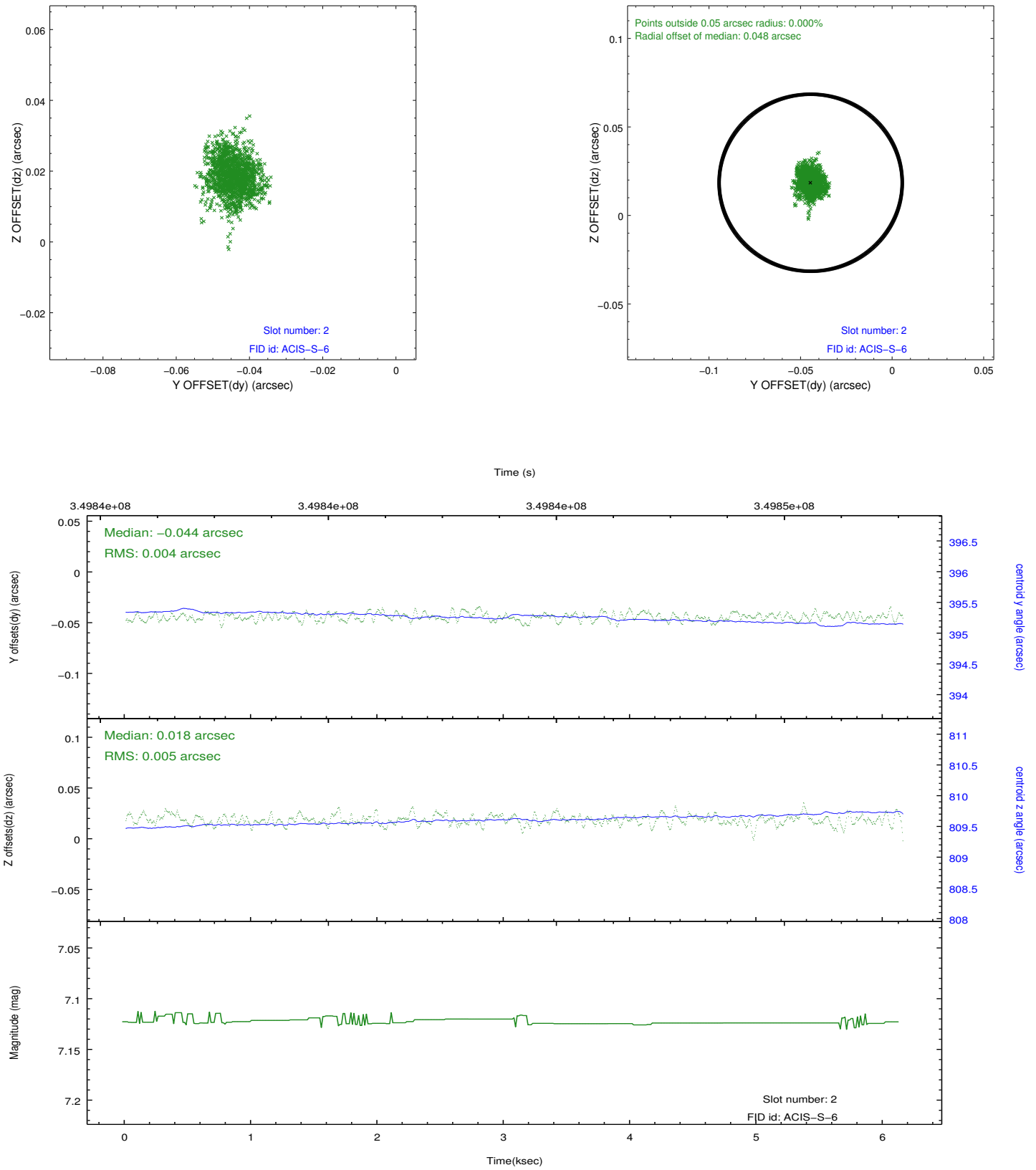
2.5.1 Slot 0



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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.15159963

A.2 Comments

Joint Proposal: HST. Roll preference not met.