

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3123 - L2 Version 3
Chandra X-Ray Center

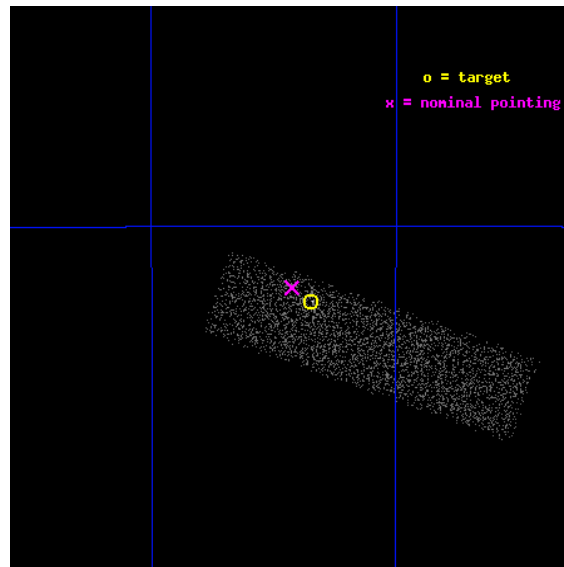
L2 Processing Date : Oct 8 2012

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1 Front

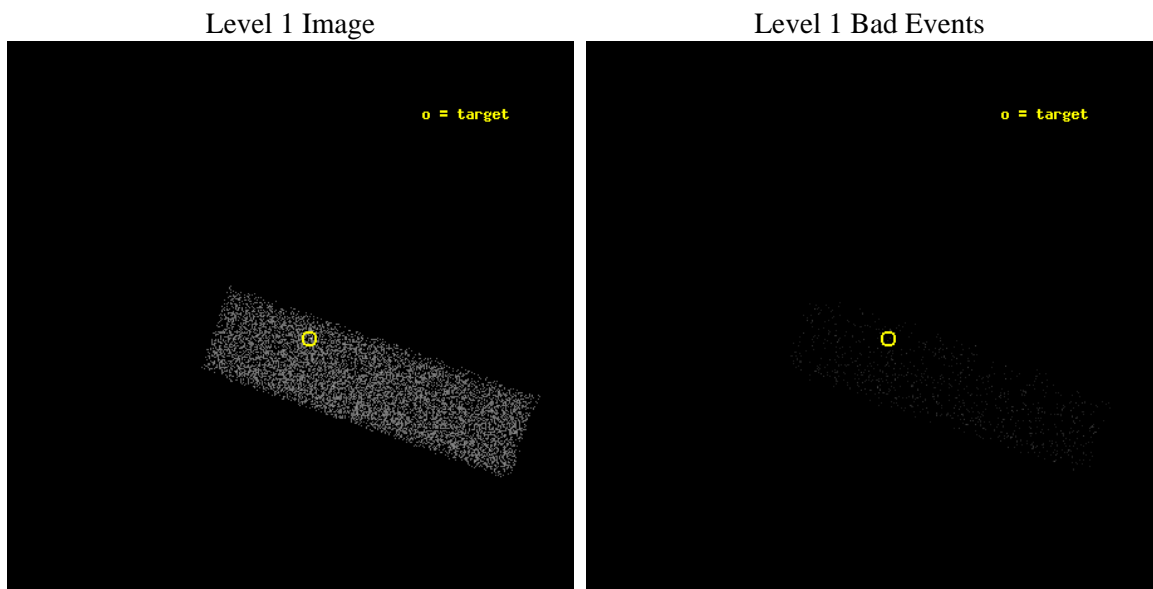
seq_num	700562	Sequence number
obs_id	3123	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	1655-776	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.675	Observer's specified target RA [deg]
dec_targ	-77.69925	Observer's specified target Dec [deg]
ra_nom	255.71337497525	Nominal RA [deg]
dec_nom	-77.693508310655	Nominal Dec [deg]
roll_nom	19.376531507119	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5169.600077033	Sum of GTIs [s]
livetime	4917.3405089252	Livetime [s]
ontime7	5169.600077033	Sum of GTIs [s]
l2events	4611	Number of level 2 events



2 OBI

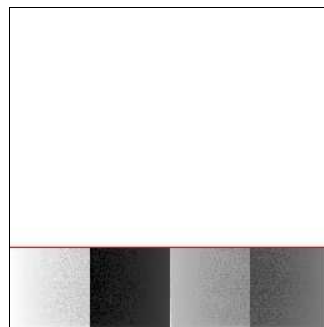
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5169.600077033	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5169.600077033	Sum of GTIs [s]
date	2012-10-08T05:41:26	Date and time of file creation	l1events	12051	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

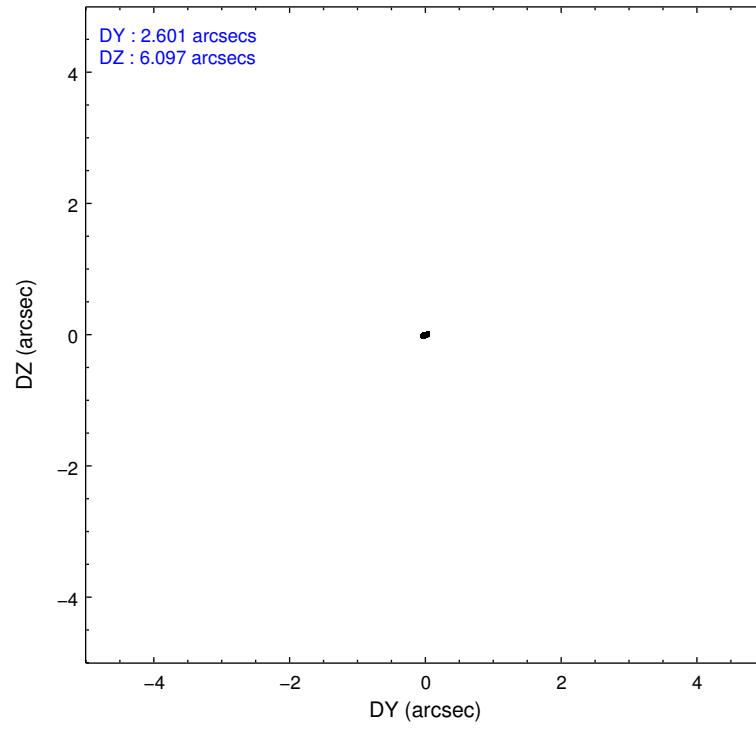
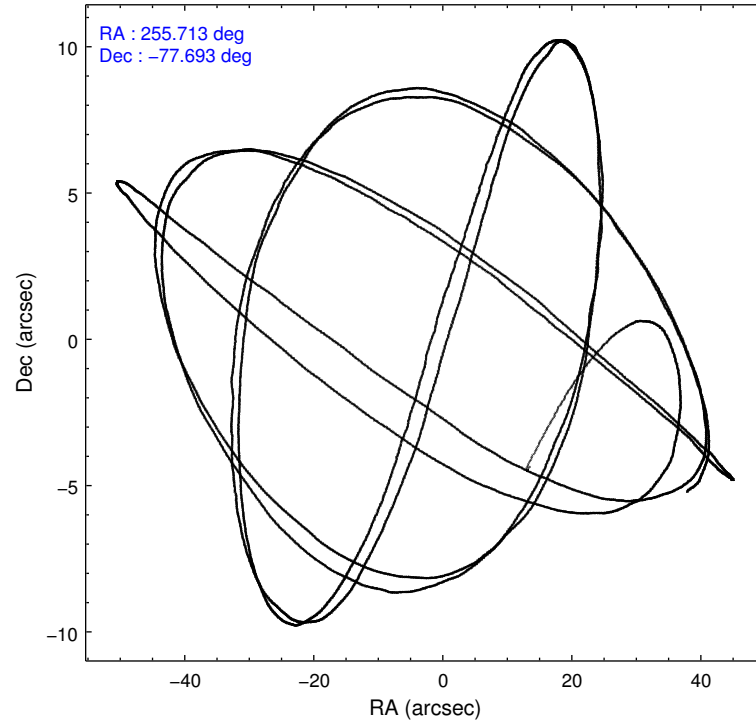
	ccd 7
level 1 events	12051
rejected events	7322
rejected %	60%

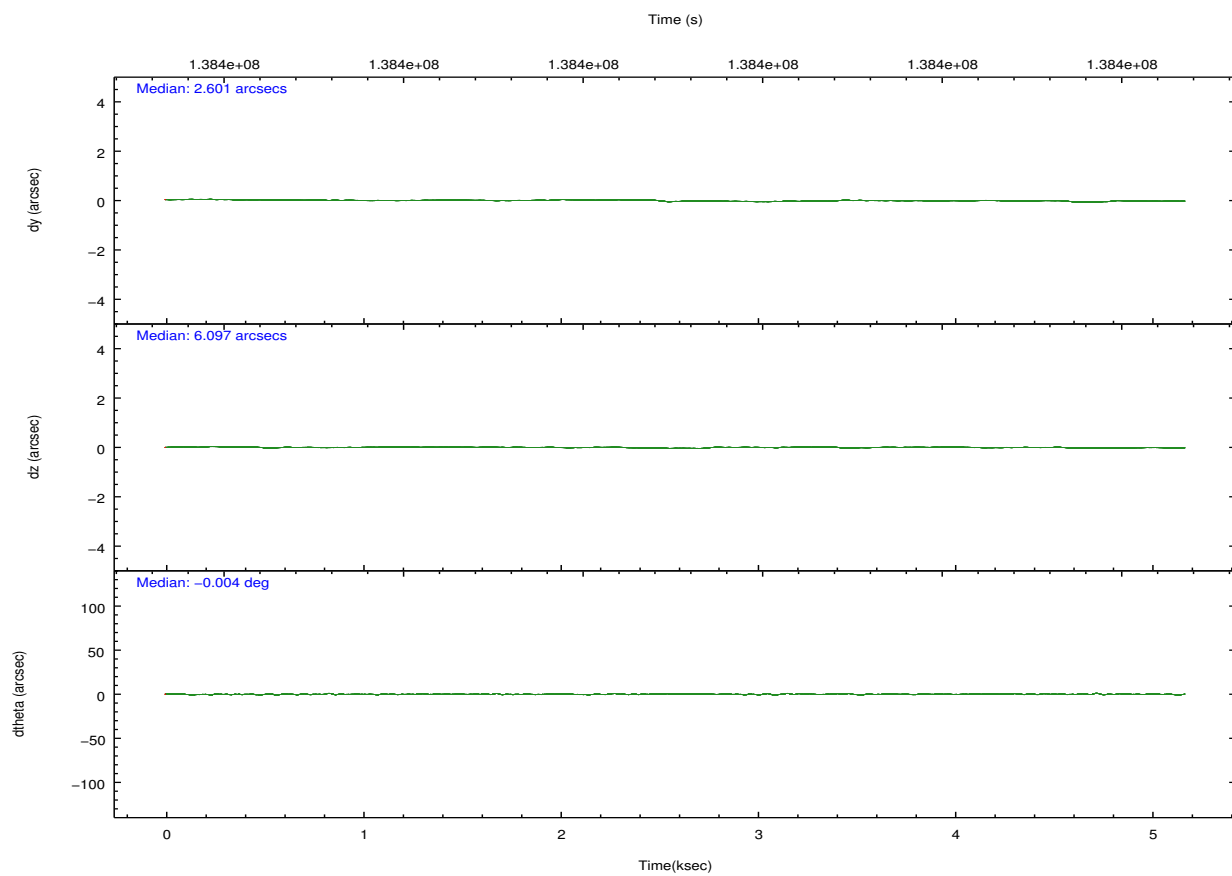
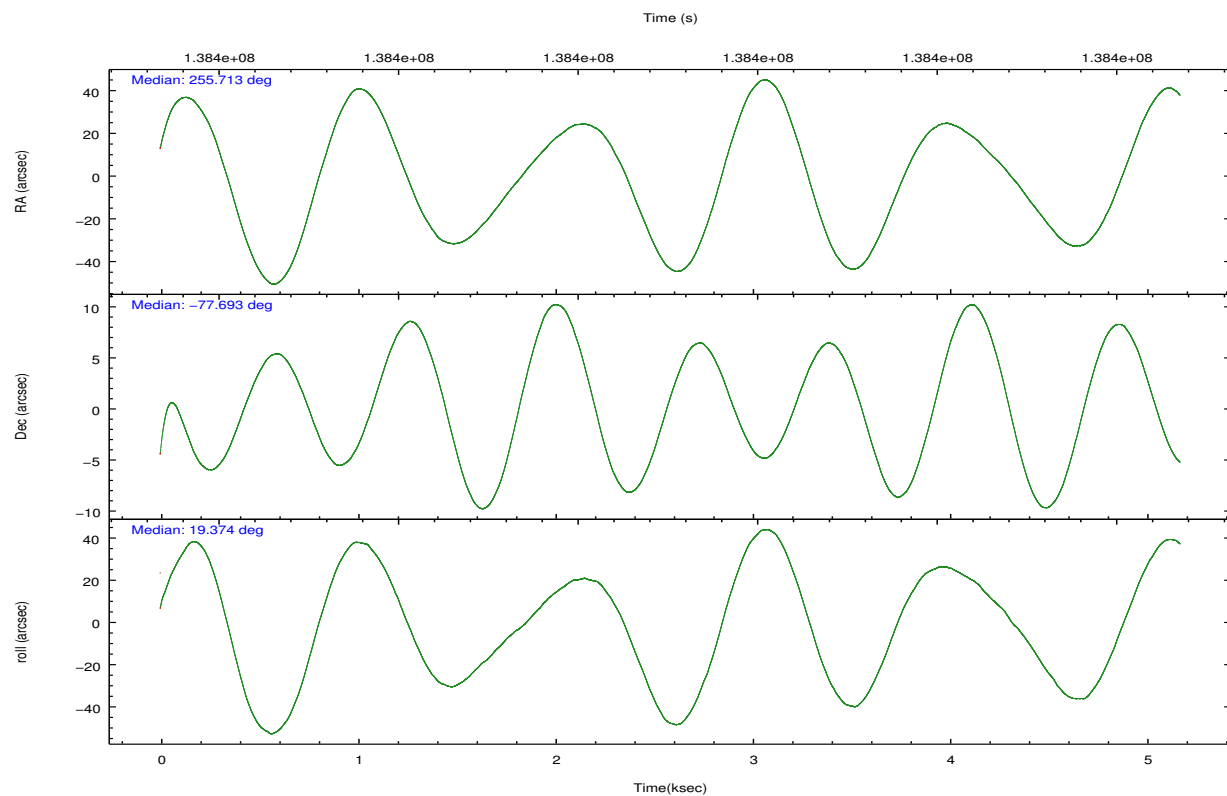
	ccd 7
grade 0 events	537
	4%
grade 1 events	13
	0%
grade 2 events	1091
	9%
grade 3 events	619
	5%
grade 4 events	556
	4%
grade 5 events	1149
	9%
grade 6 events	2636
	21%
grade 7 events	5450
	45%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	255.630905	255.713374975253	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-77.714380	-77.69350831065475	Subarray start row	1	1
[deg] Pointing Roll	19.139316	19.37653150711914	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	138395091.184000	138394087.94188			
Observation start date	2002-05-21T19:03:47	2002-05-21T18:48:07			
[s] Observation end time (MET)	138400091.184000	138400586.95465			
Observation end date	2002-05-21T20:27:07	2002-05-21T20:36:26			
Read mode	TIMED	TIMED			

2.3 Aspect



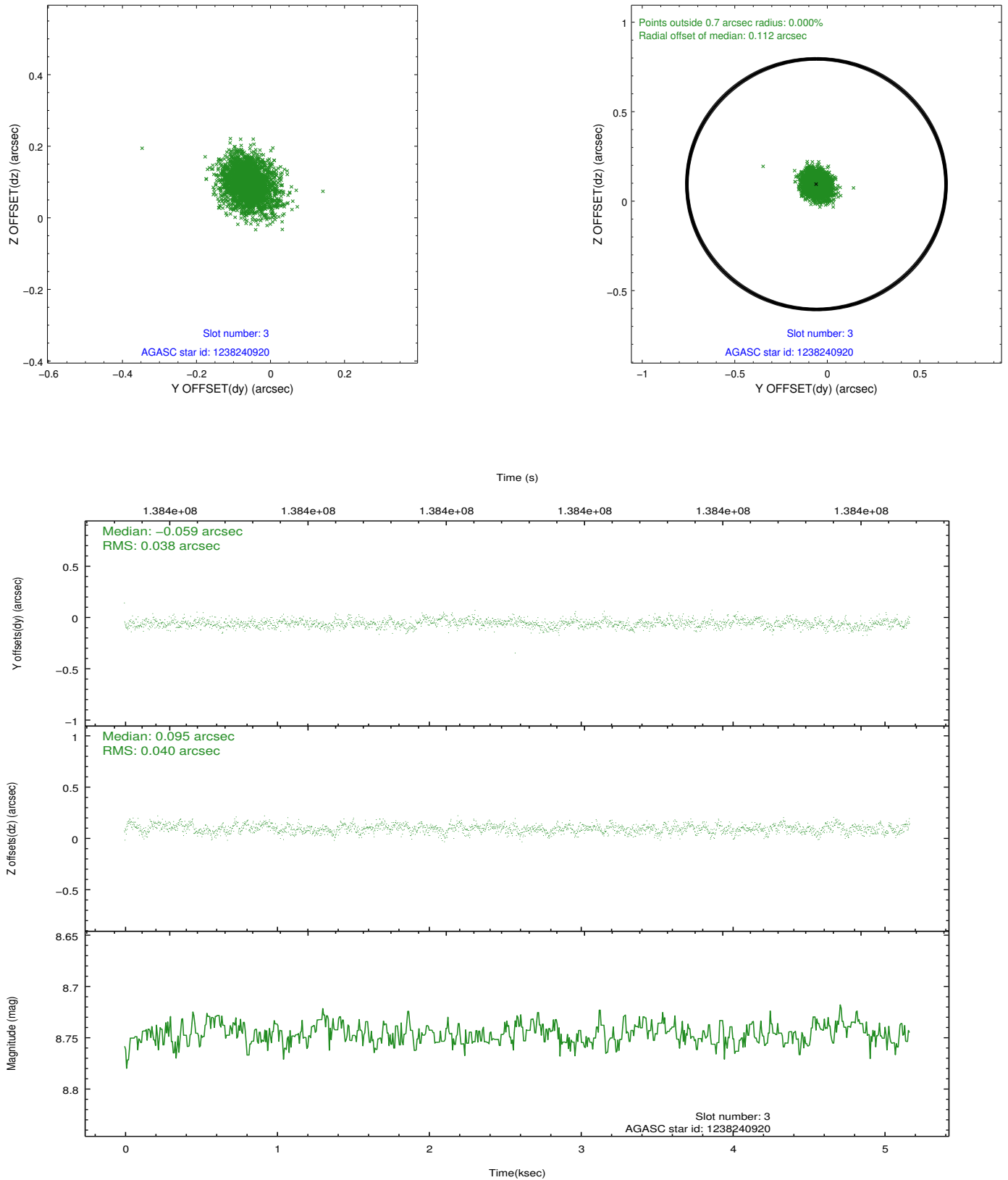


Slot Statistics

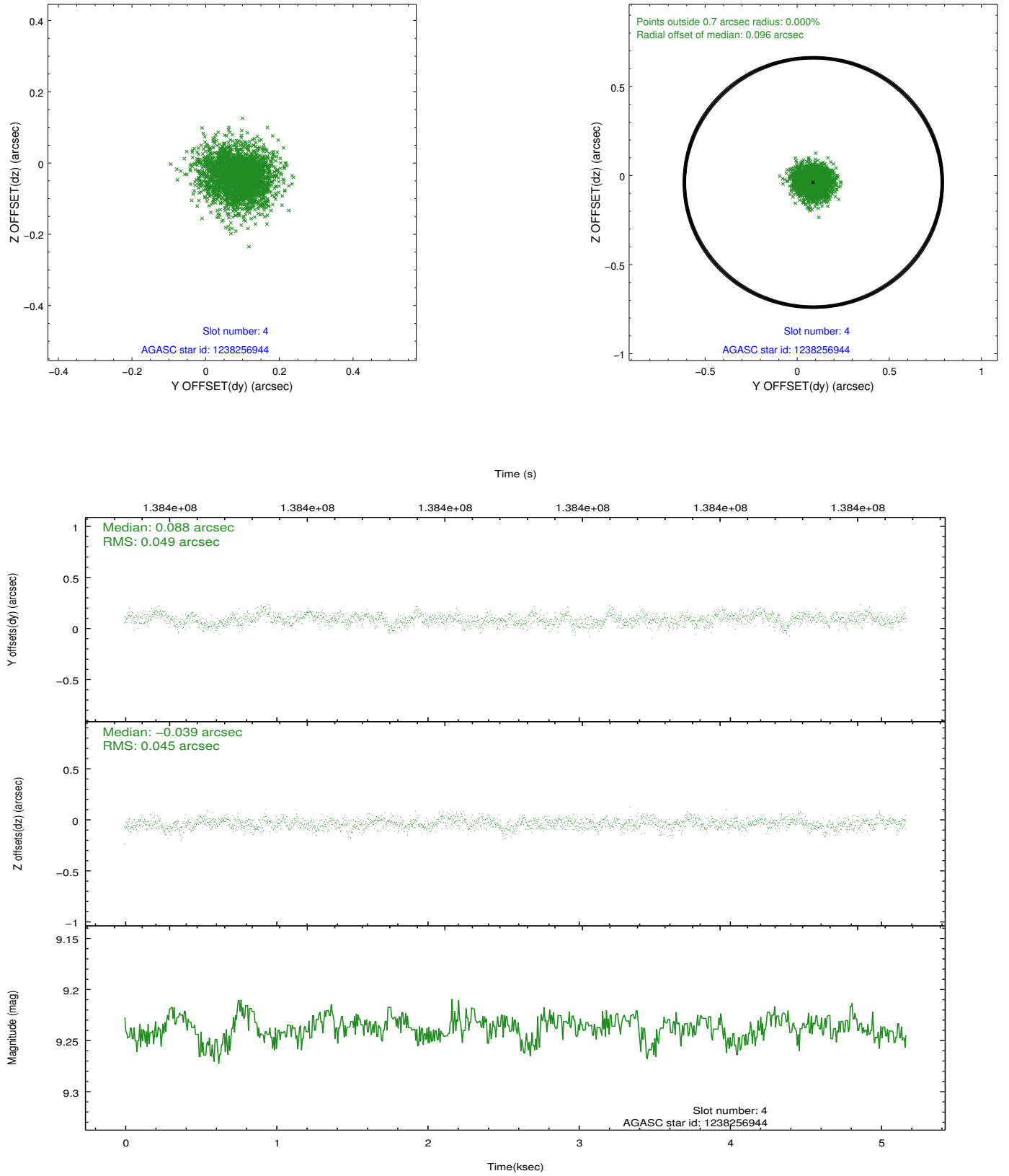
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1262	-0.051	-0.341	0.007	0.011	0.000000	0.000000	-754.44	-1964.21
1	FID	ACIS-S-4	7.17	1262	0.003	0.115	0.005	0.010	0.000000	0.000000	2158.37	-56.71
2	FID	ACIS-S-5	7.23	1262	0.017	0.233	0.006	0.011	0.000000	0.000000	-1805.69	-61.56
3	GUIDE	1238240920	8.75	2523	-0.059	0.095	0.058	0.096	257.760269	-77.880928	1313.97	-1121.93
4	GUIDE	1238256944	9.24	2522	0.088	-0.039	0.071	0.117	253.367395	-78.022926	-1971.36	-527.02
5	GUIDE	1238245072	8.55	2523	-0.026	-0.144	0.055	0.087	257.282784	-77.529721	1424.24	189.18
6	GUIDE	1238240344	9.61	2518	0.143	0.086	0.086	0.139	253.242711	-77.938711	-1972.68	-209.15
7	GUIDE	1238249376	9.46	2518	-0.149	0.005	0.092	0.152	257.616752	-77.259420	2016.51	1004.79

2.4 Star Slots

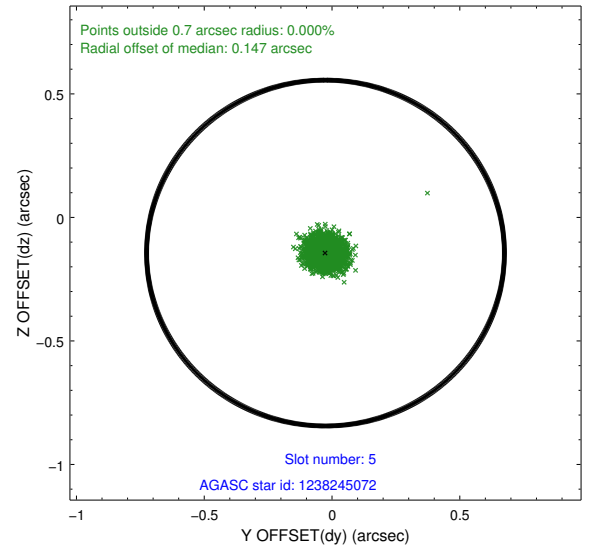
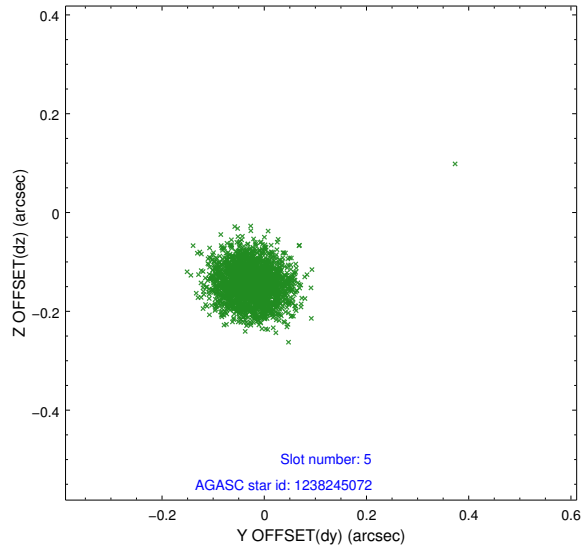
2.4.1 Slot 3



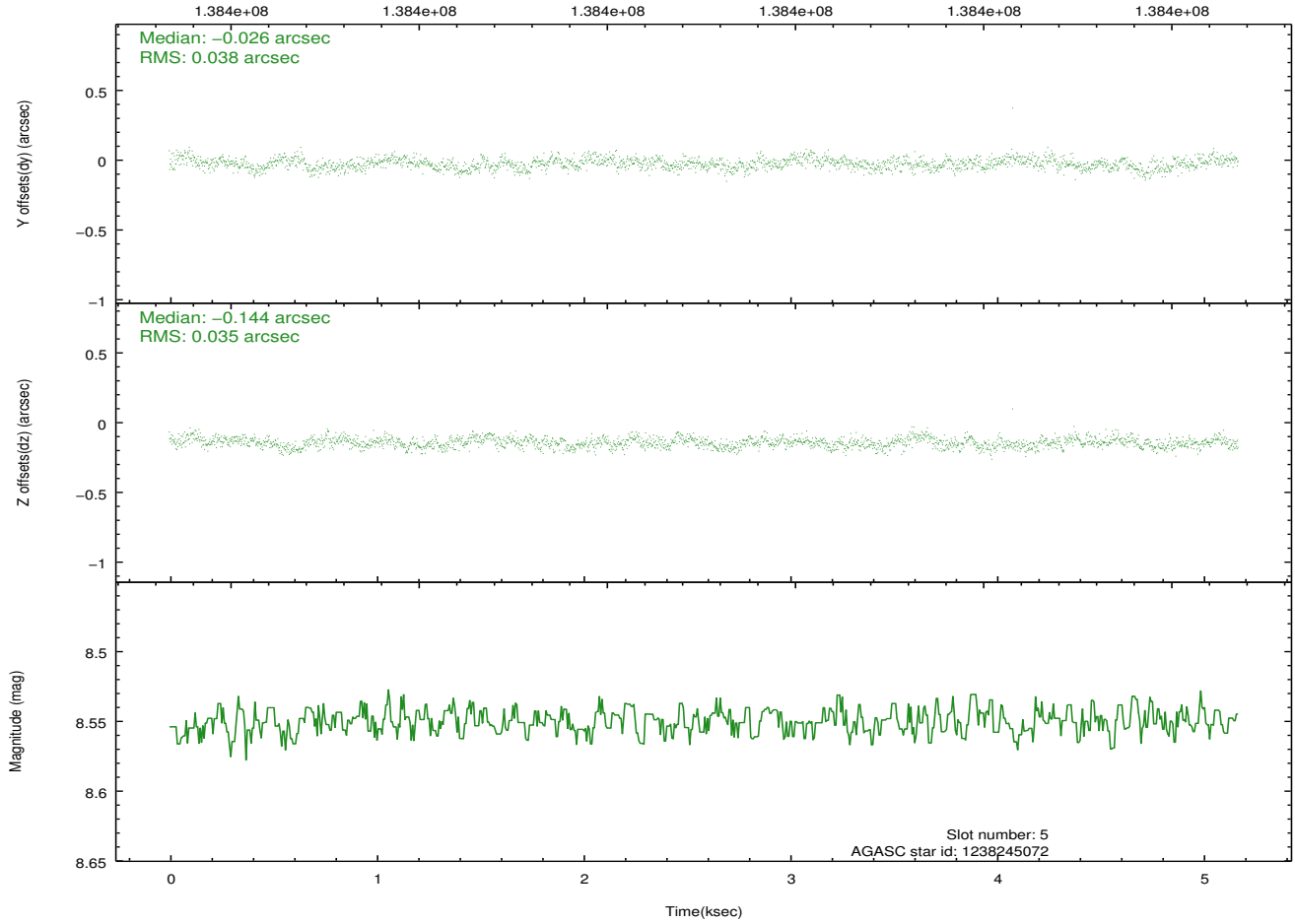
2.4.2 Slot 4



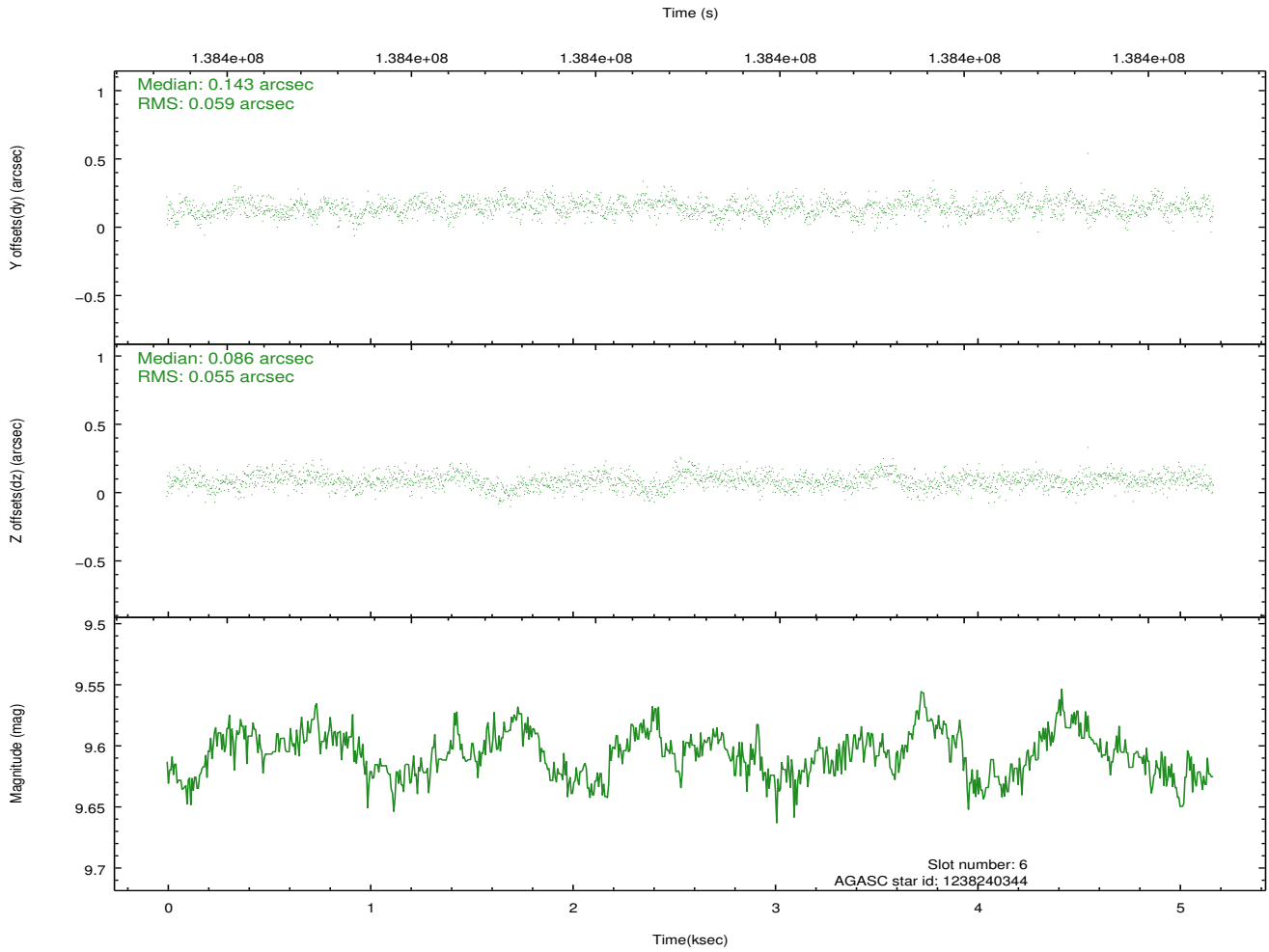
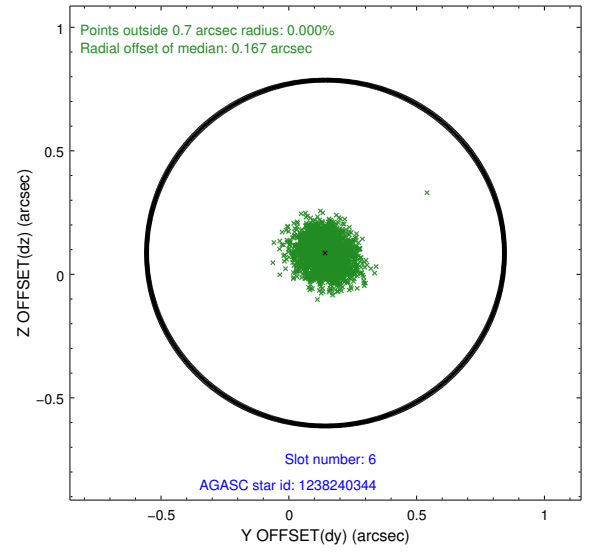
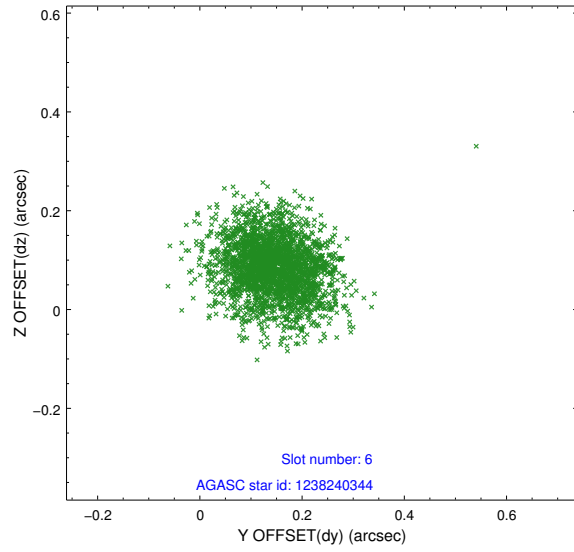
2.4.3 Slot 5



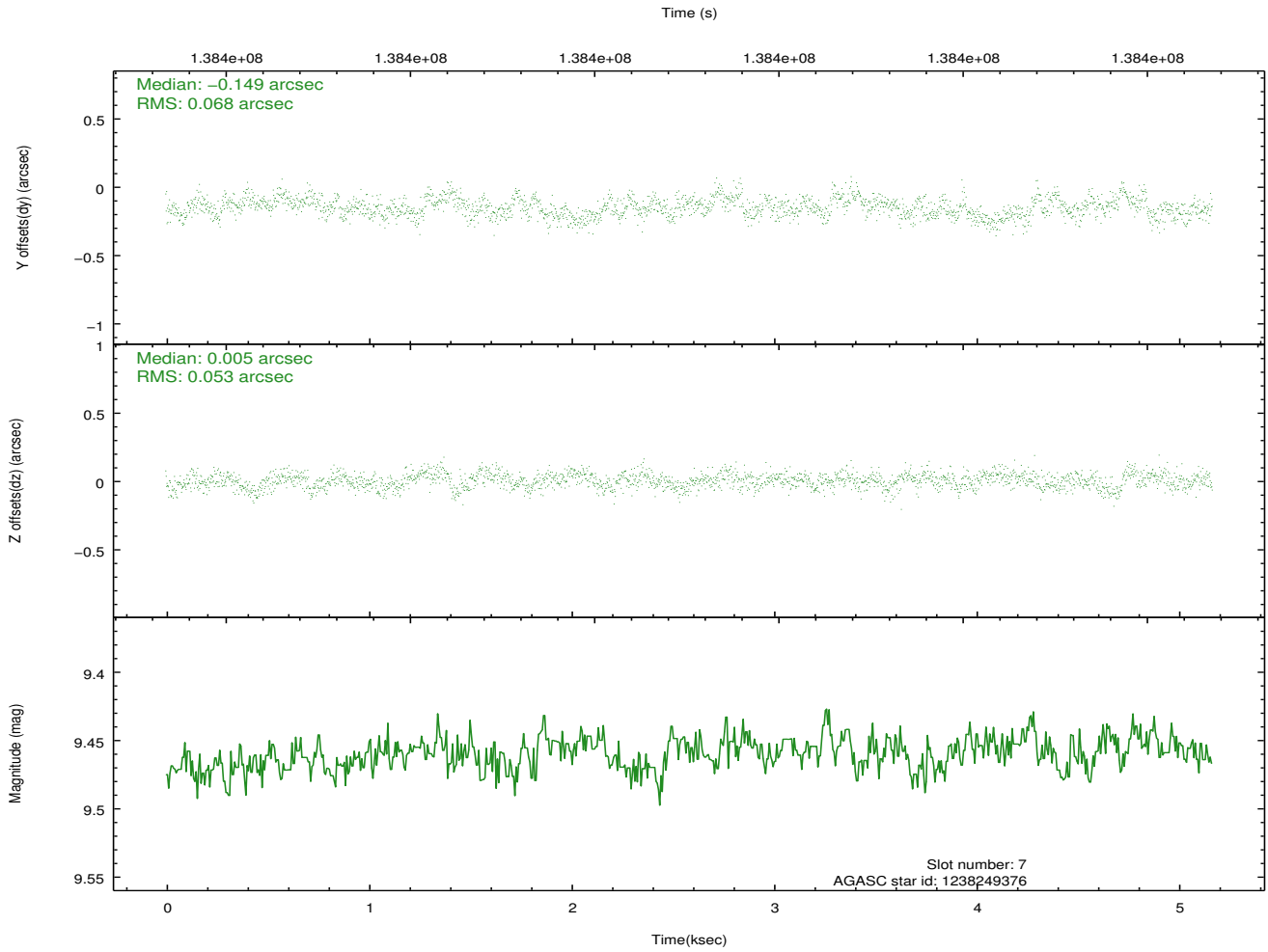
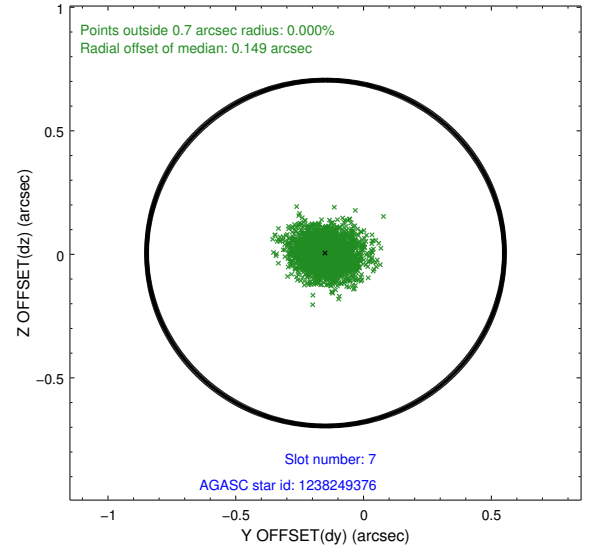
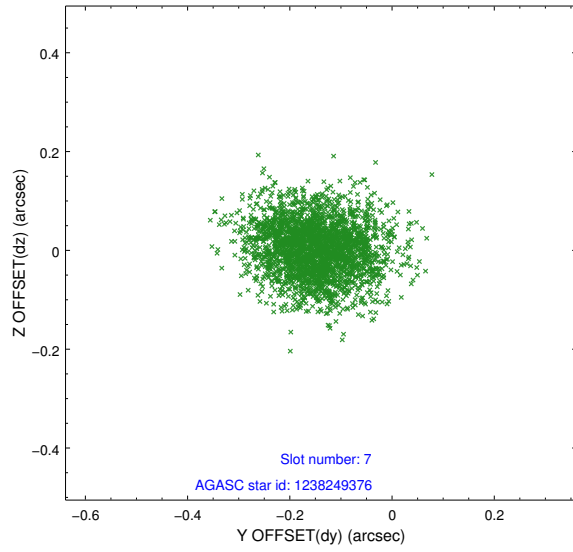
Time (s)



2.4.4 Slot 6

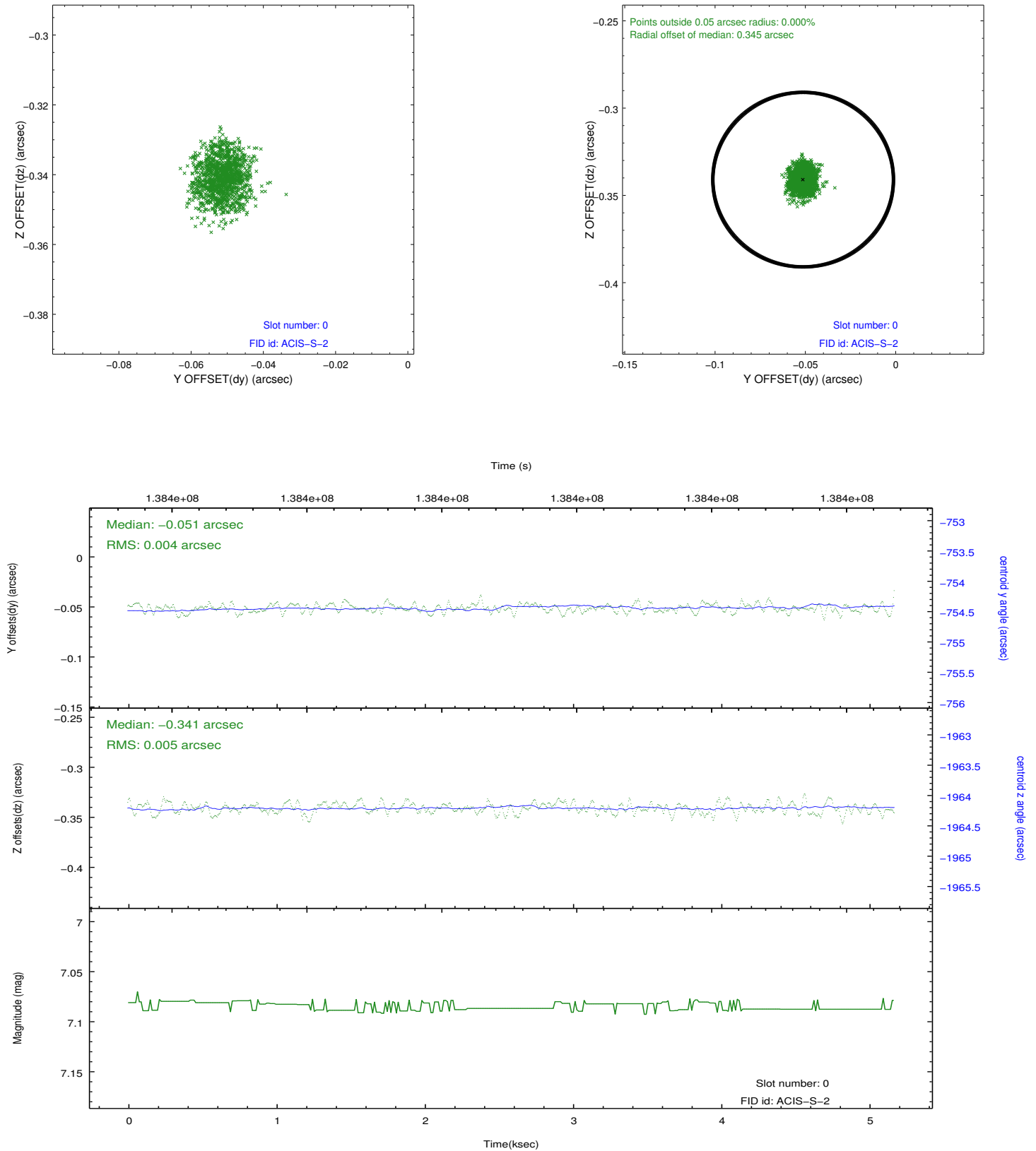


2.4.5 Slot 7

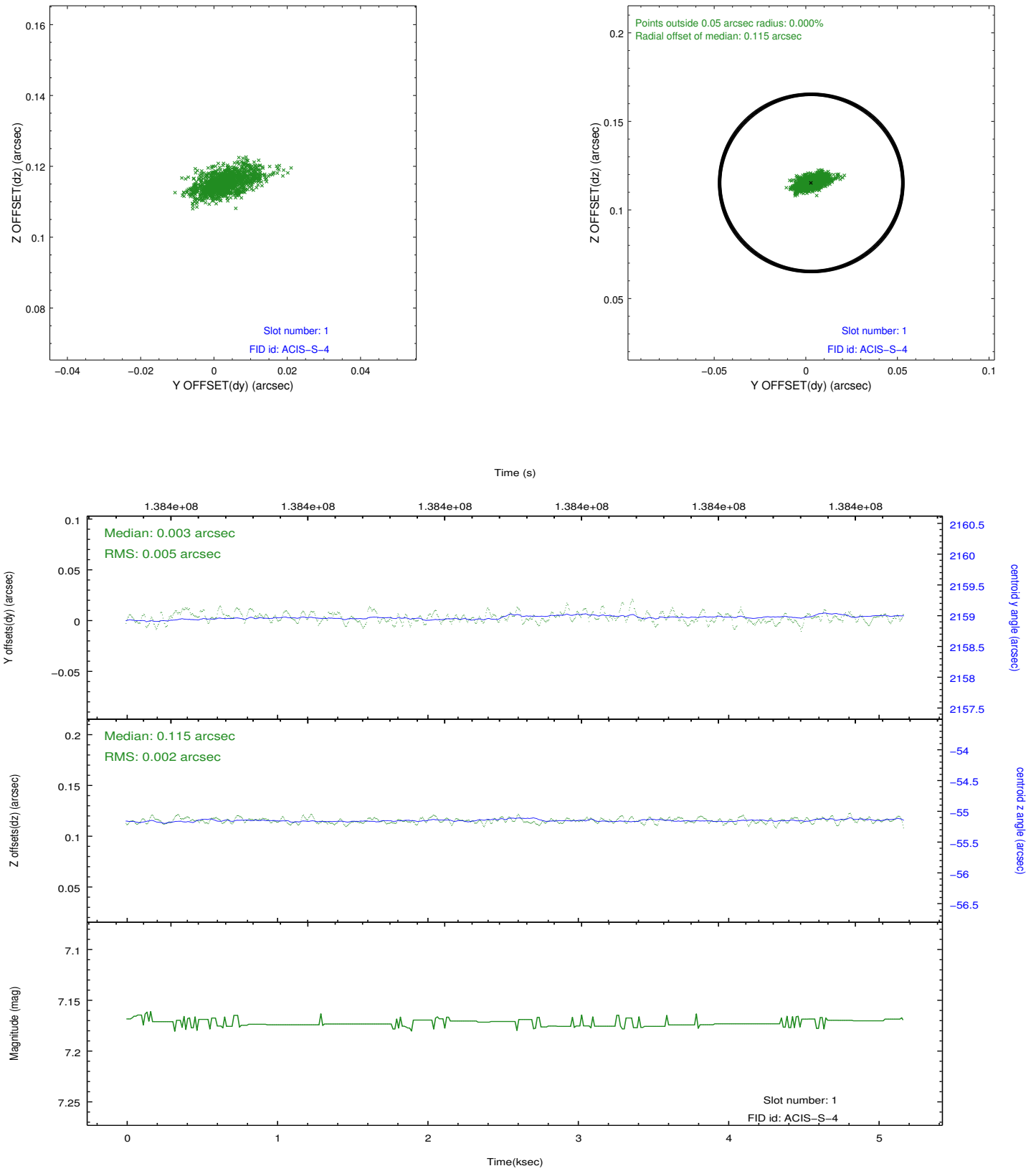


2.5 FID Slots

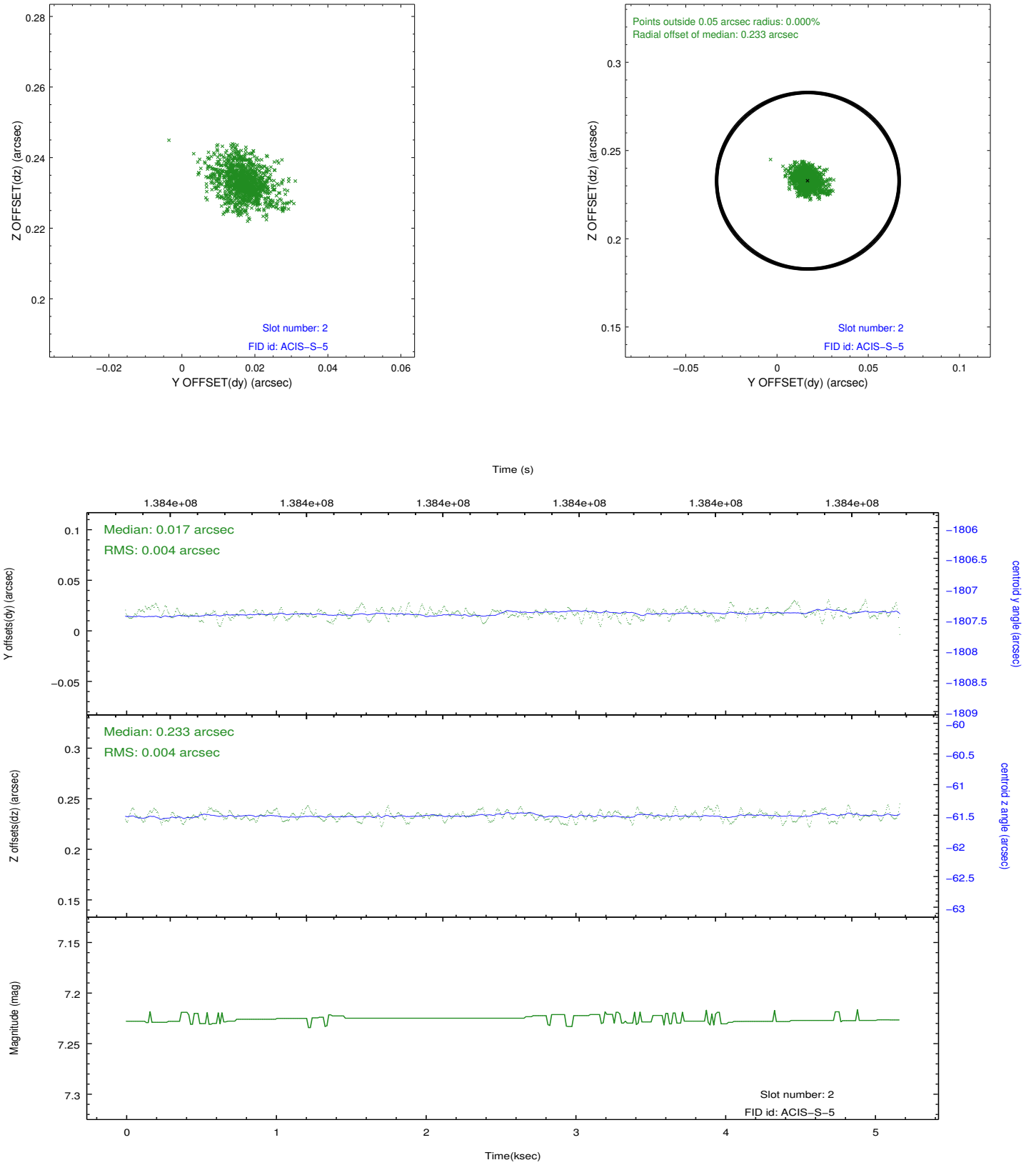
2.5.1 Slot 0



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)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.169

A.2 Comments

Roll preference met.