

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9289 - L2 Version 2
Chandra X-Ray Center

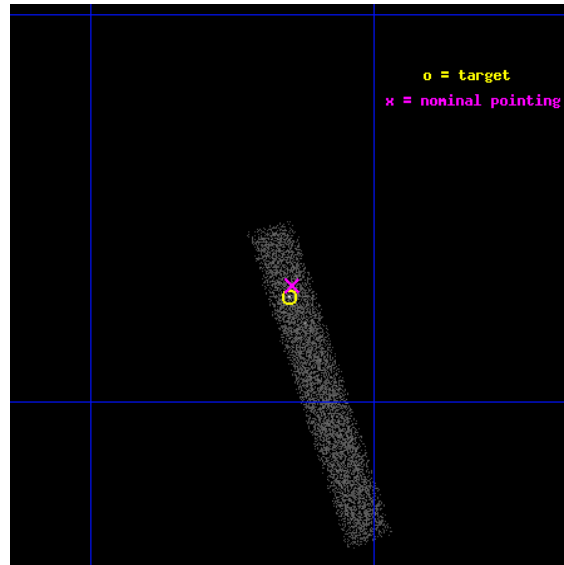
L2 Processing Date : May 4 2012

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1 Front

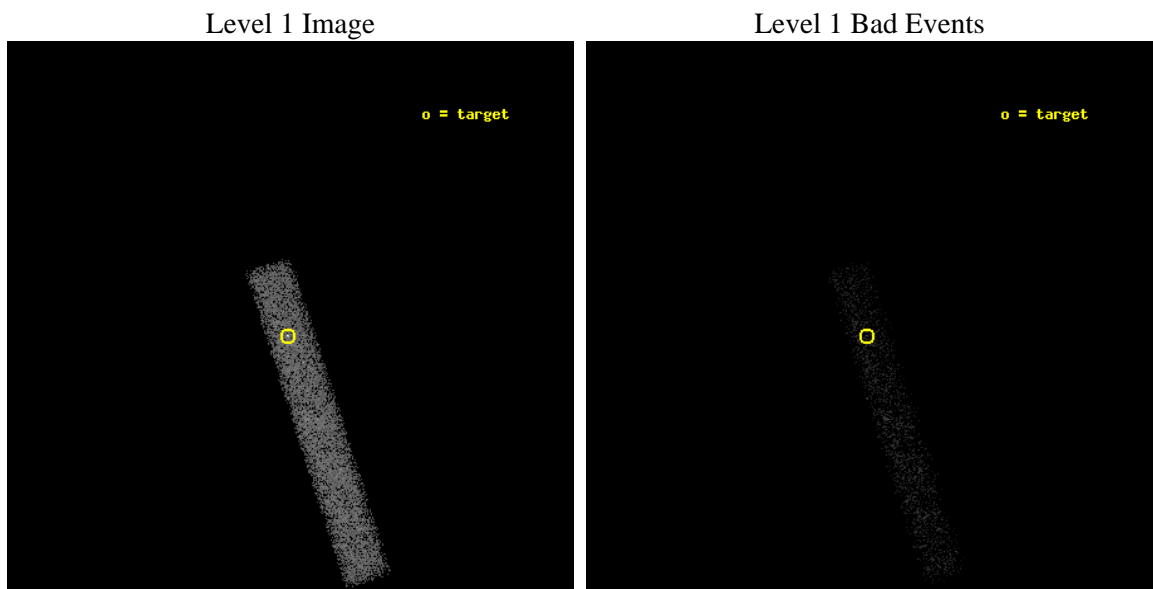
seq_num	701729	Sequence number
obs_id	9289	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	0529+075	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.1625	Observer's specified target RA [deg]
dec_targ	7.545278	Observer's specified target Dec [deg]
ra_nom	83.161351700606	Nominal RA [deg]
dec_nom	7.5499866601297	Nominal Dec [deg]
roll_nom	72.156787288462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10181.599393129	Sum of GTIs [s]
livetime	9234.1732206869	Livetime [s]
ontime7	10181.599393129	Sum of GTIs [s]
l2events	8121	Number of level 2 events



2 OBI

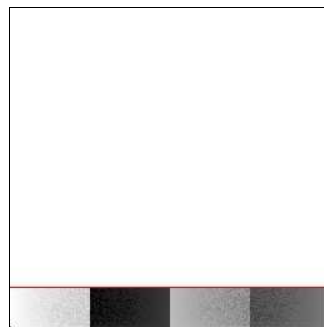
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10181.599393129	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	10181.599393129	Sum of GTIs [s]
date	2012-05-04T13:50:39	Date and time of file creation	l1events	18023	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

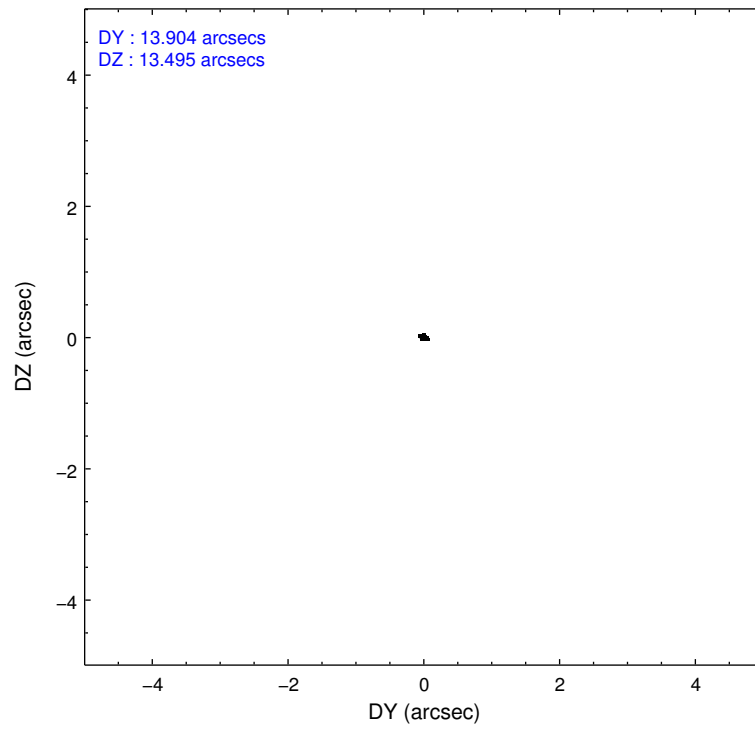
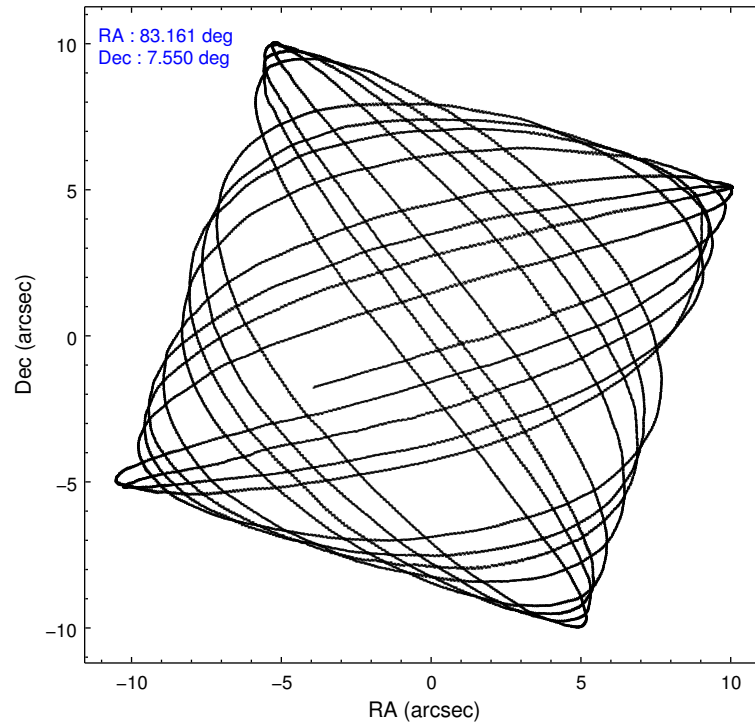
	ccd 7
level 1 events	18023
rejected events	9656
rejected %	53%

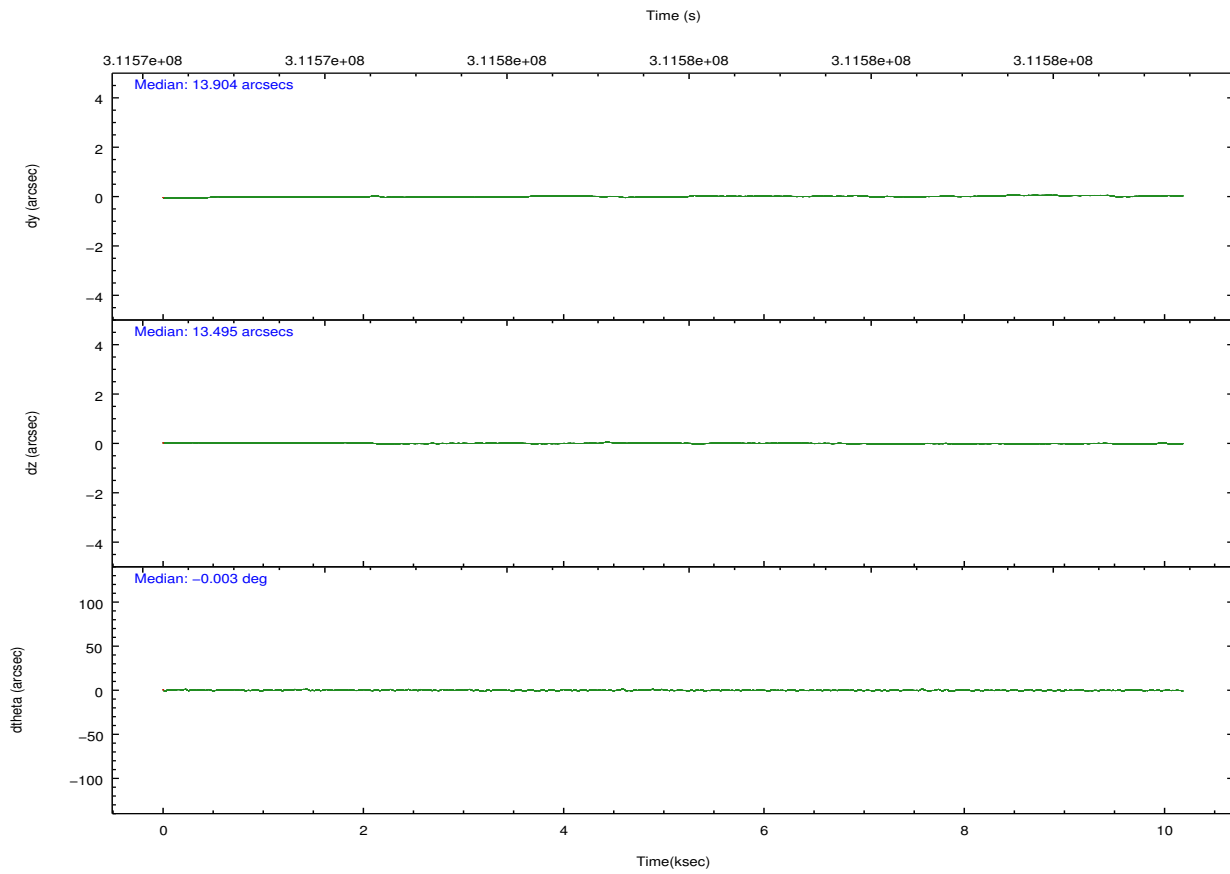
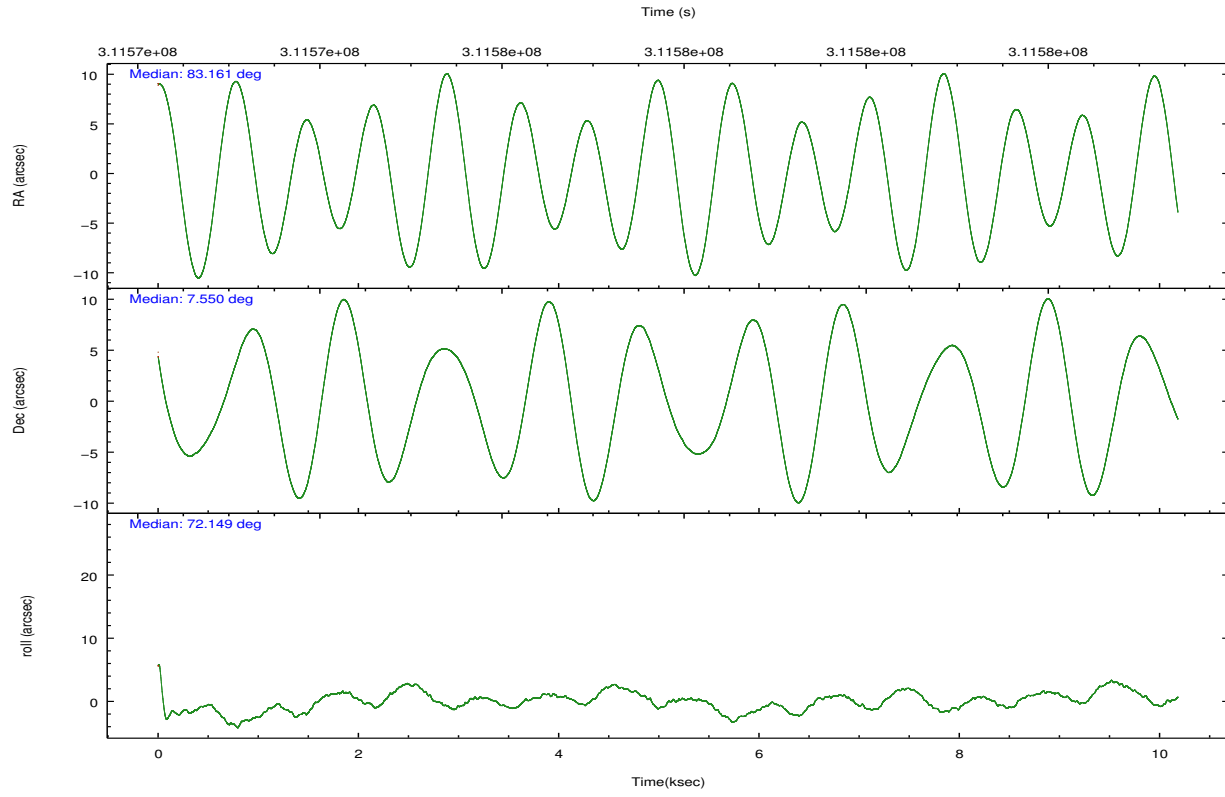
	ccd 7
grade 0 events	904
	5%
grade 1 events	21
	0%
grade 2 events	1625
	9%
grade 3 events	1079
	5%
grade 4 events	1065
	5%
grade 5 events	1571
	8%
grade 6 events	3958
	21%
grade 7 events	7800
	43%

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	83.167508	83.16135170060576	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	7.523340	7.549986660129743	Subarray start row	1	1
[deg] Pointing Roll	71.999350	72.15678728846177	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	-179.382523	-179.3813108744966			
[mm] SIM translation stage offset	-10.75	-10.75121170851116			
[s] Observation start time (MET)	311572920.184000	311572149.18641			
Observation start date	2007-11-16T04:00:55	2007-11-16T03:49:09			
[s] Observation end time (MET)	311582920.184000	311583920.79948			
Observation end date	2007-11-16T06:47:35	2007-11-16T07:05:20			
Read mode	TIMED	TIMED			

2.3 Aspect



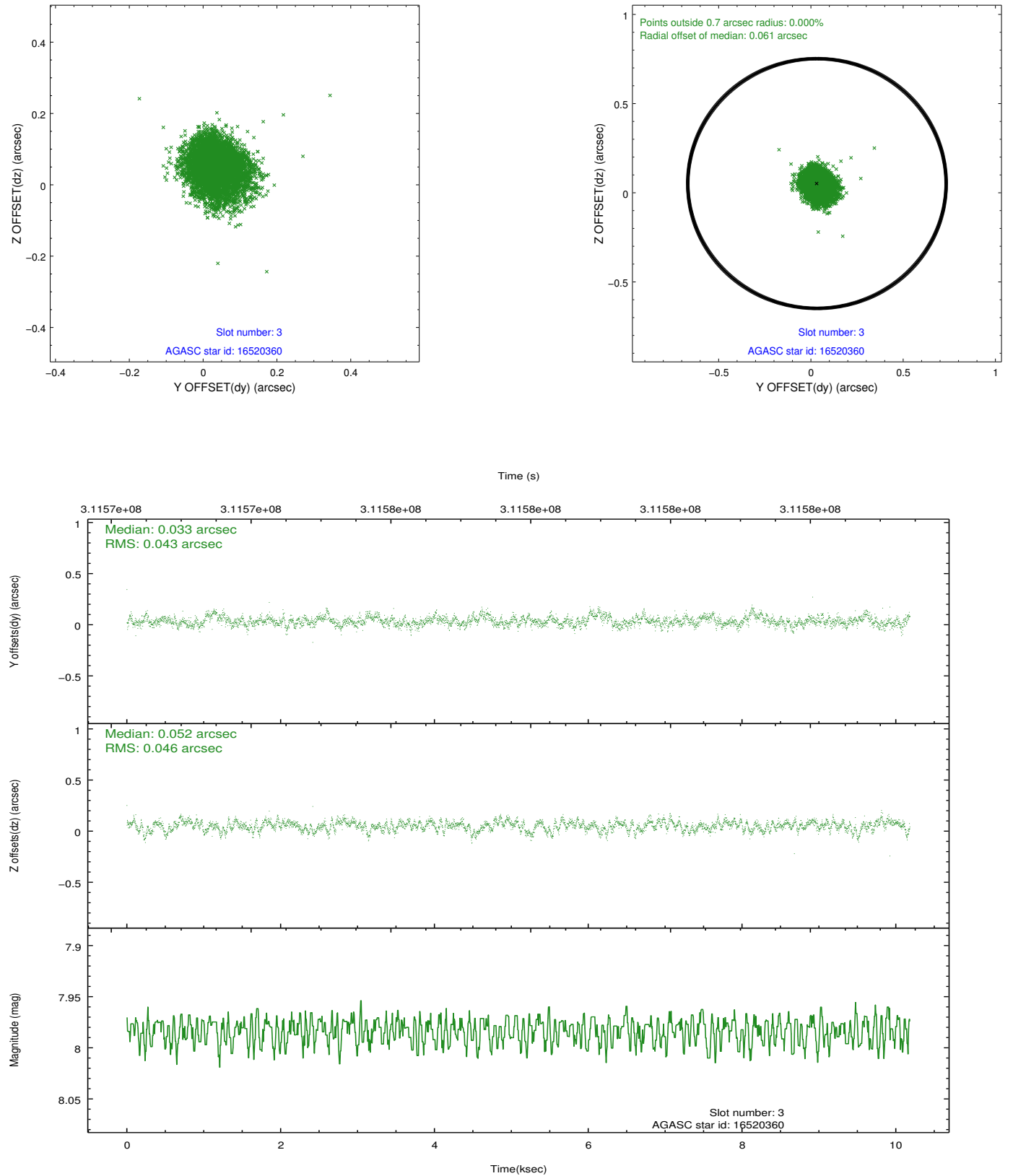


Slot Statistics

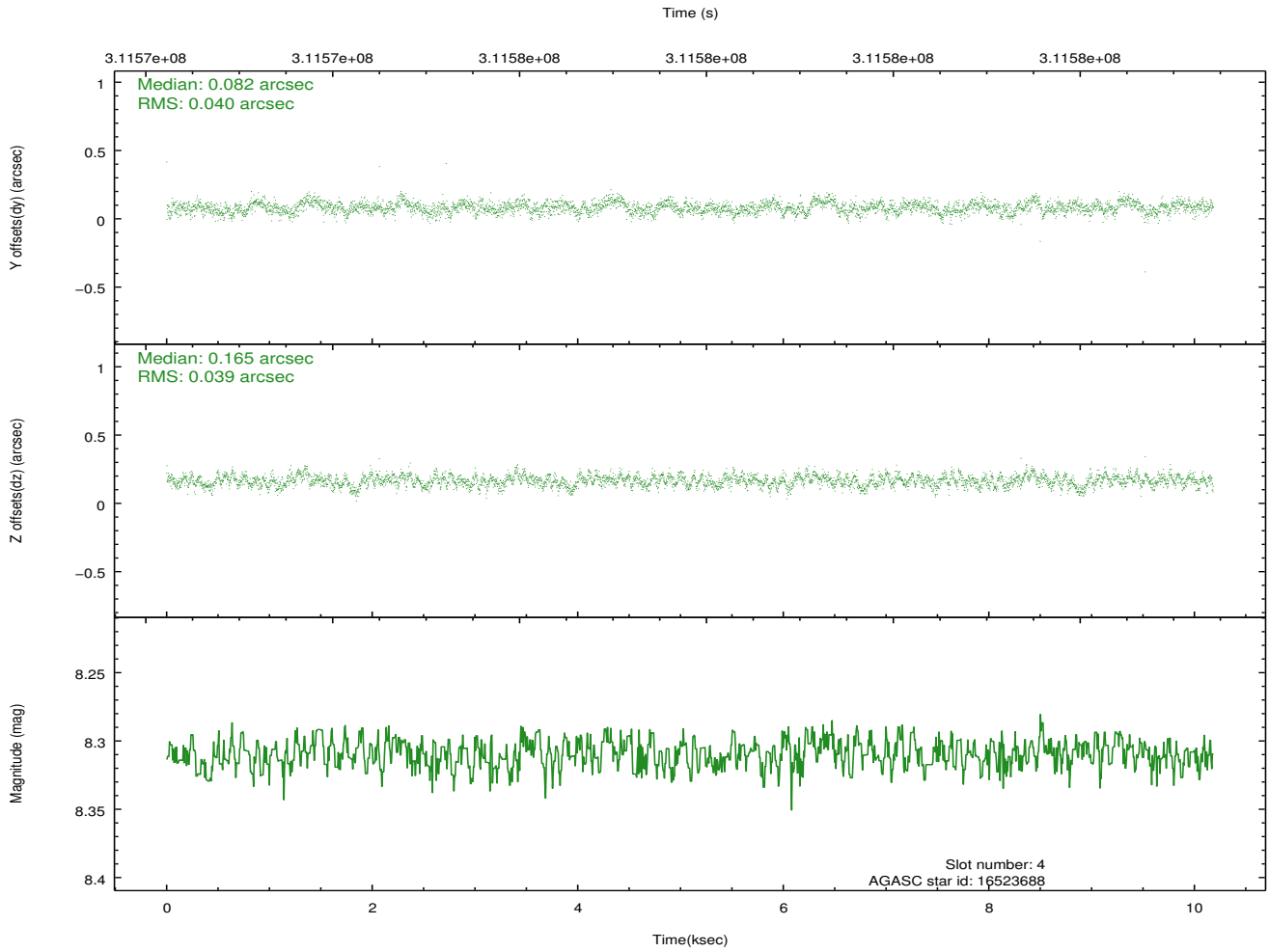
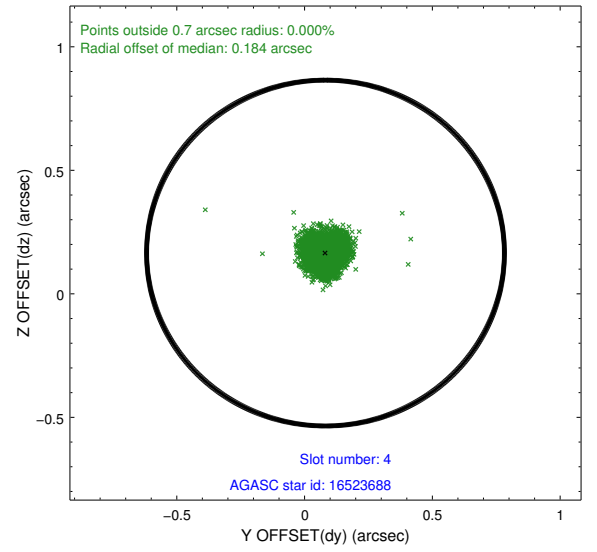
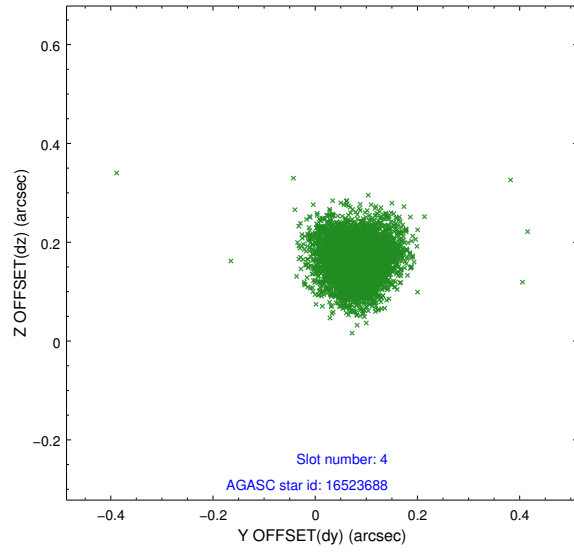
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	2484	0.170	0.055	0.006	0.010	0.000000	0.000000	930.08	-1951.79
1	FID	ACIS-S-5	7.23	2484	-0.178	0.169	0.006	0.011	0.000000	0.000000	-1818.90	-54.66
2	FID	ACIS-S-6	7.40	2484	-0.013	-0.213	0.007	0.011	0.000000	0.000000	394.99	589.42
3	GUIDE	16520360	7.98	4967	0.033	0.052	0.066	0.107	83.230257	7.325036	-609.35	-433.52
4	GUIDE	16523688	8.31	4965	0.082	0.165	0.058	0.096	83.325926	6.805113	-2283.59	-1337.68
5	GUIDE	16526280	8.06	4968	0.013	-0.279	0.064	0.110	82.660910	7.460792	-772.42	1650.10
6	GUIDE	91884032	9.44	4962	-0.099	0.160	0.087	0.143	83.605847	7.681490	1025.56	-1310.44
7	GUIDE	91889264	7.82	4965	-0.030	-0.092	0.055	0.087	82.852944	7.548308	-260.86	1095.30

2.4 Star Slots

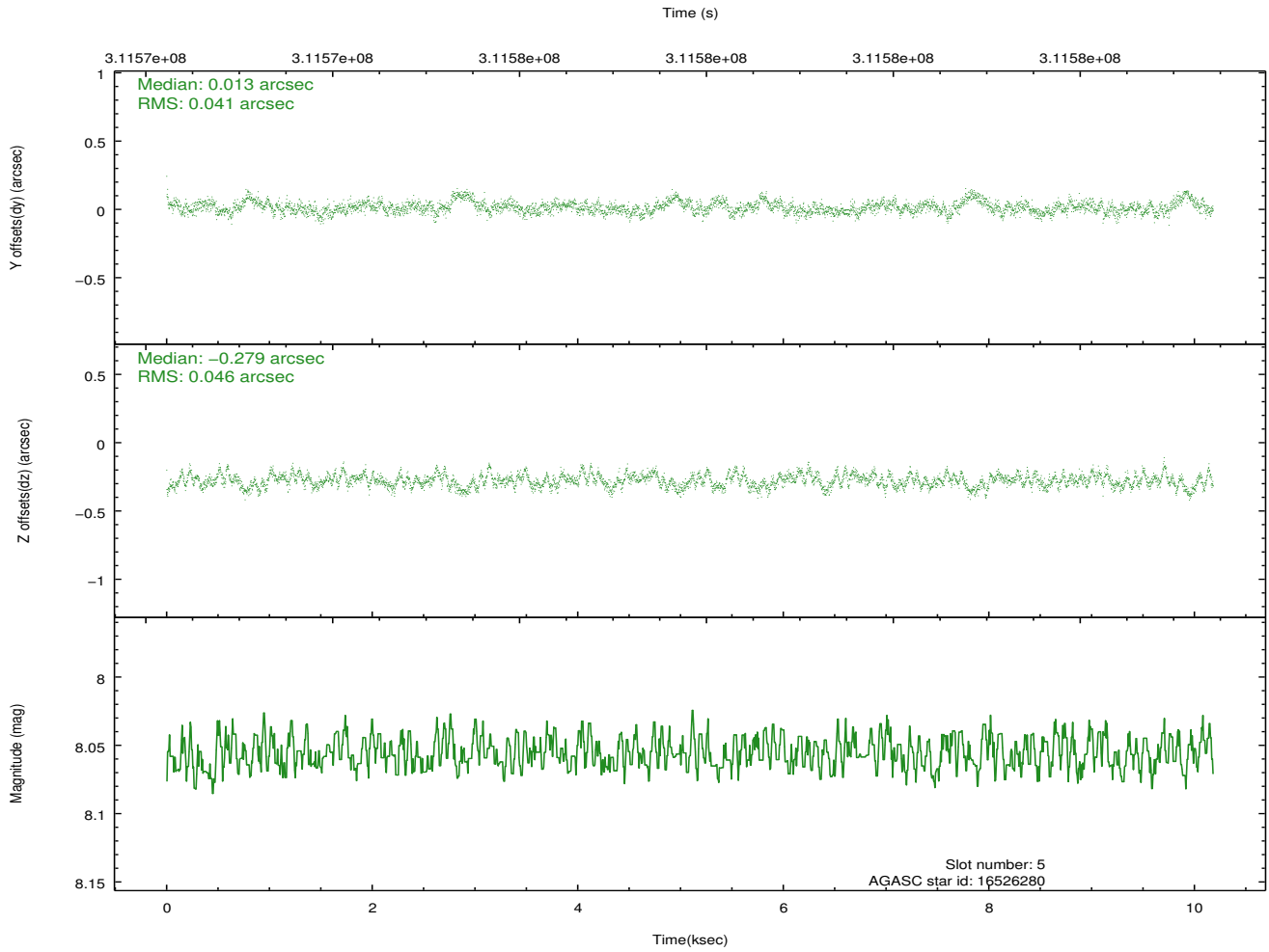
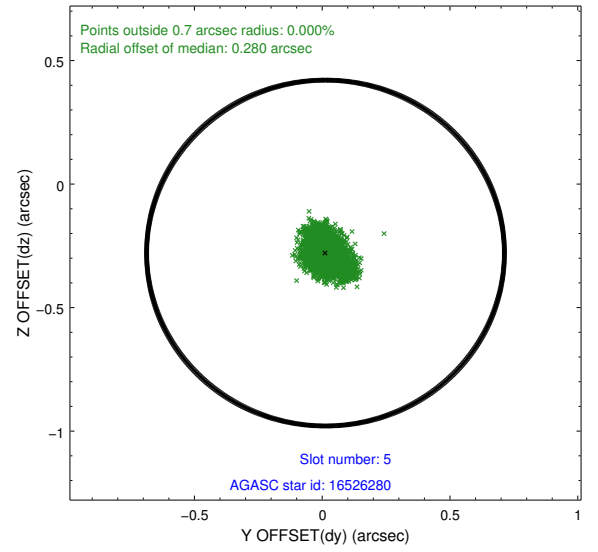
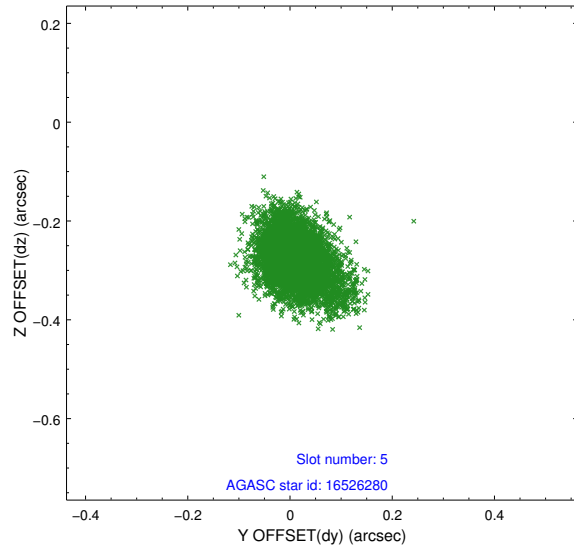
2.4.1 Slot 3



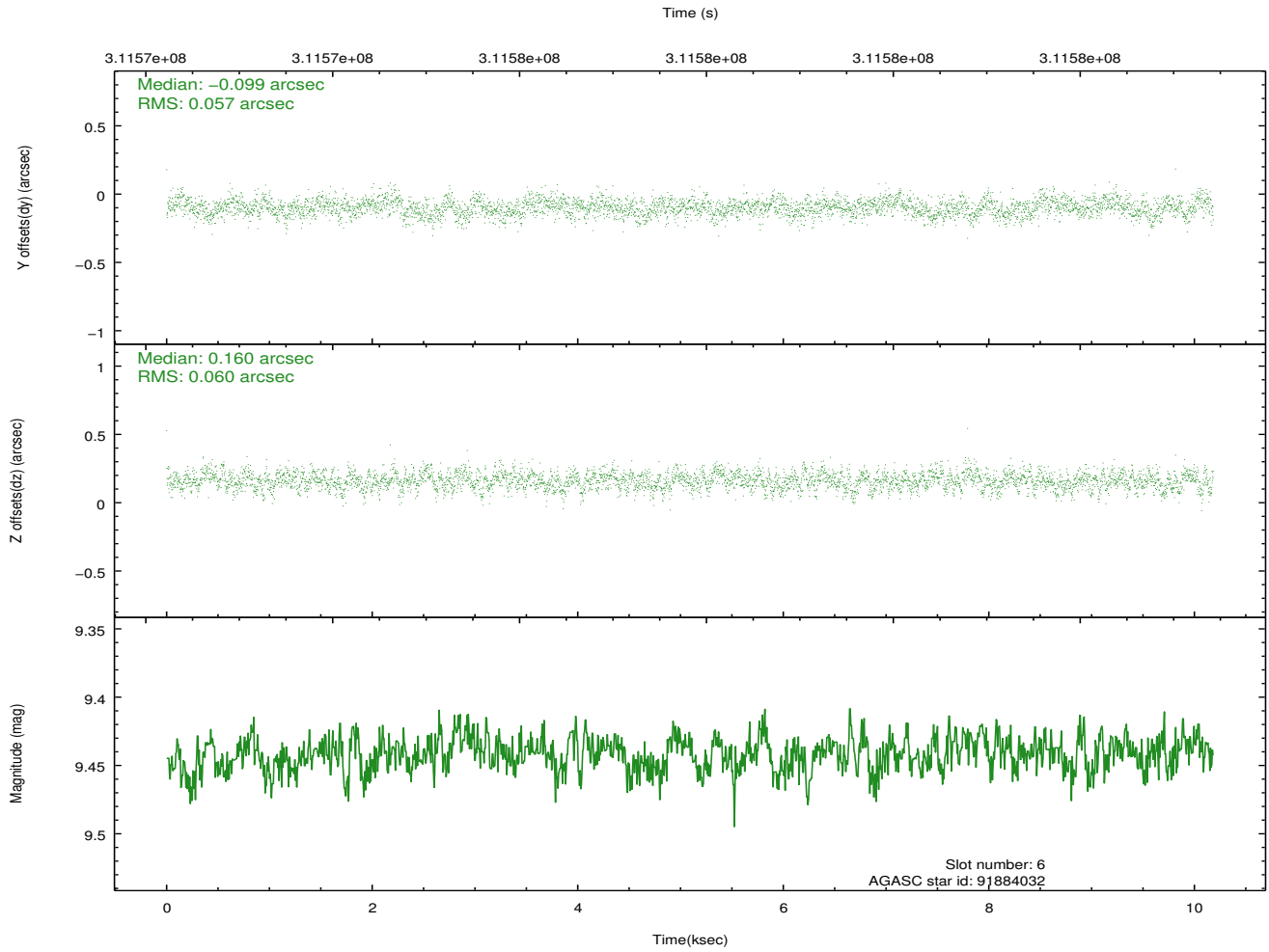
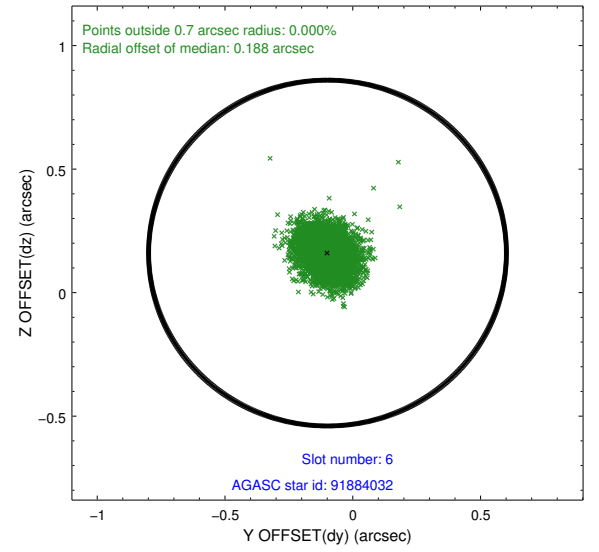
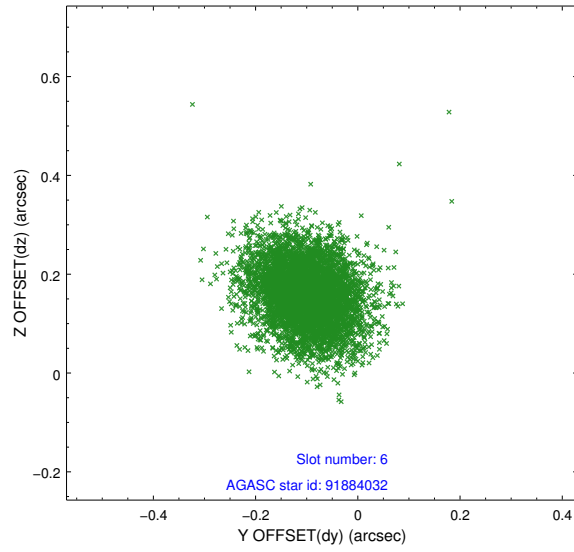
2.4.2 Slot 4



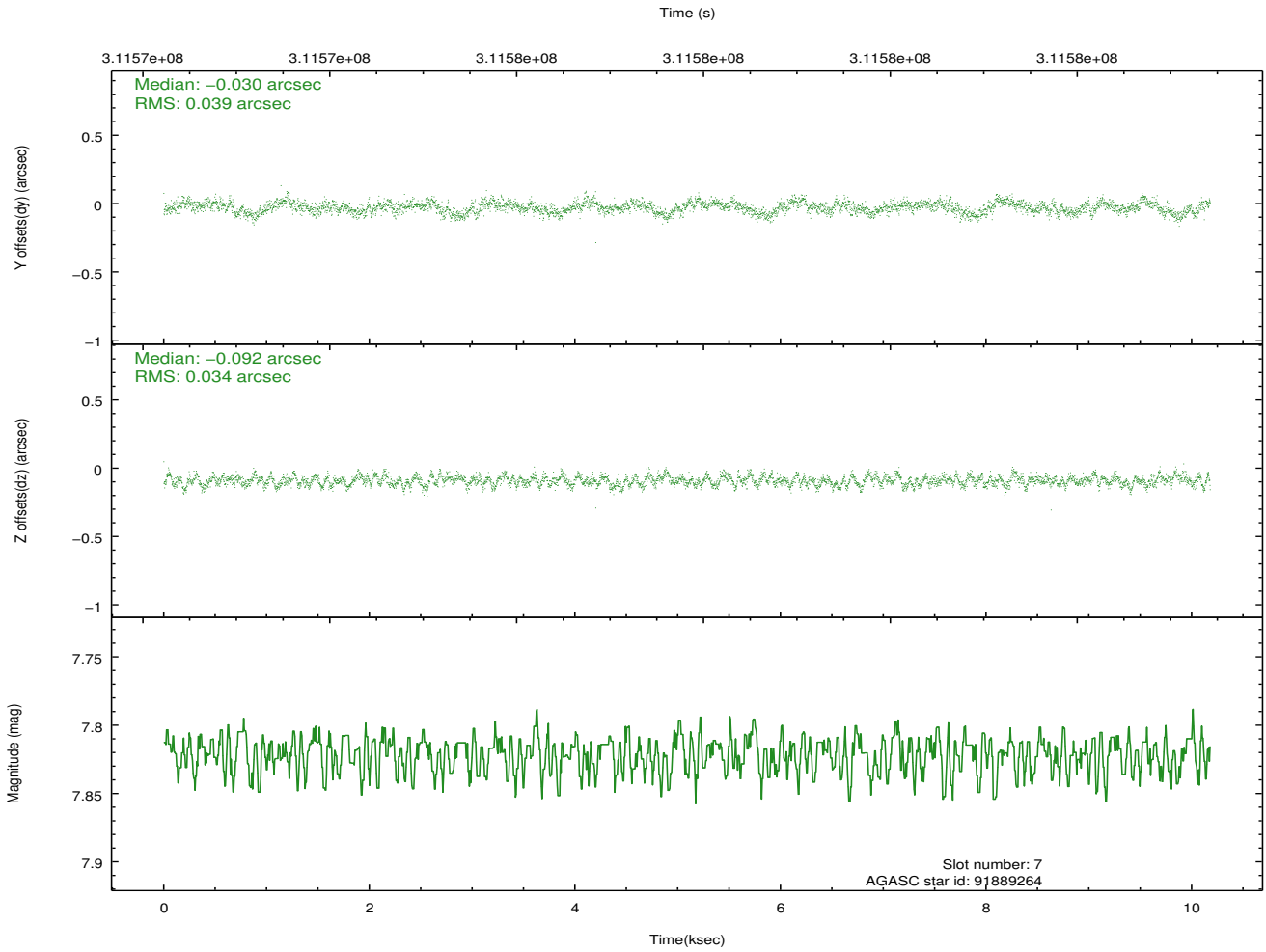
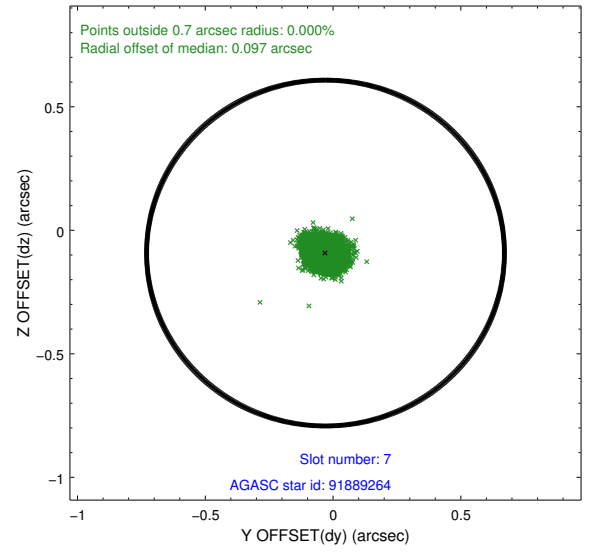
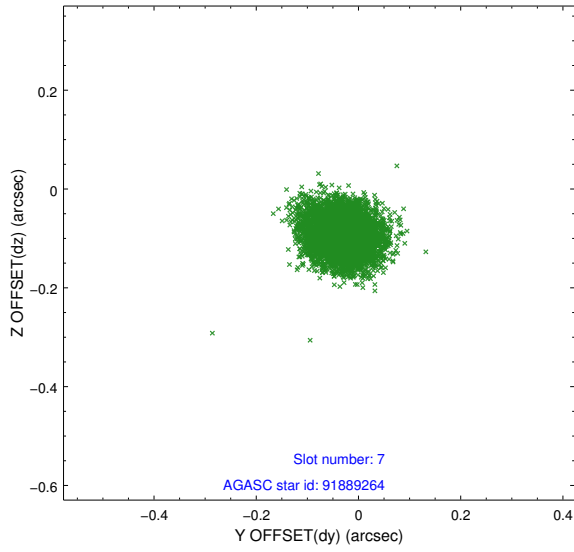
2.4.3 Slot 5



2.4.4 Slot 6

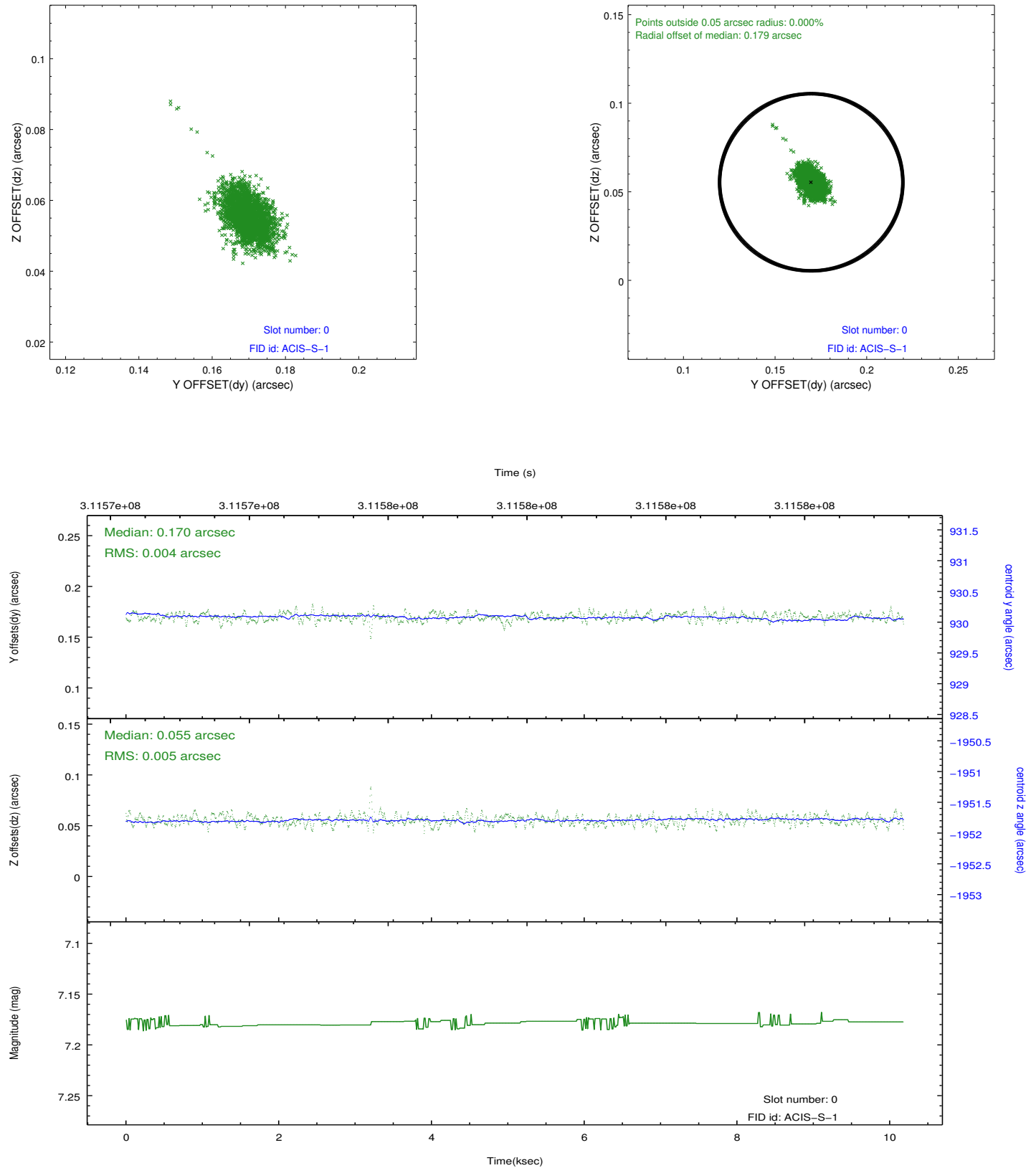


2.4.5 Slot 7

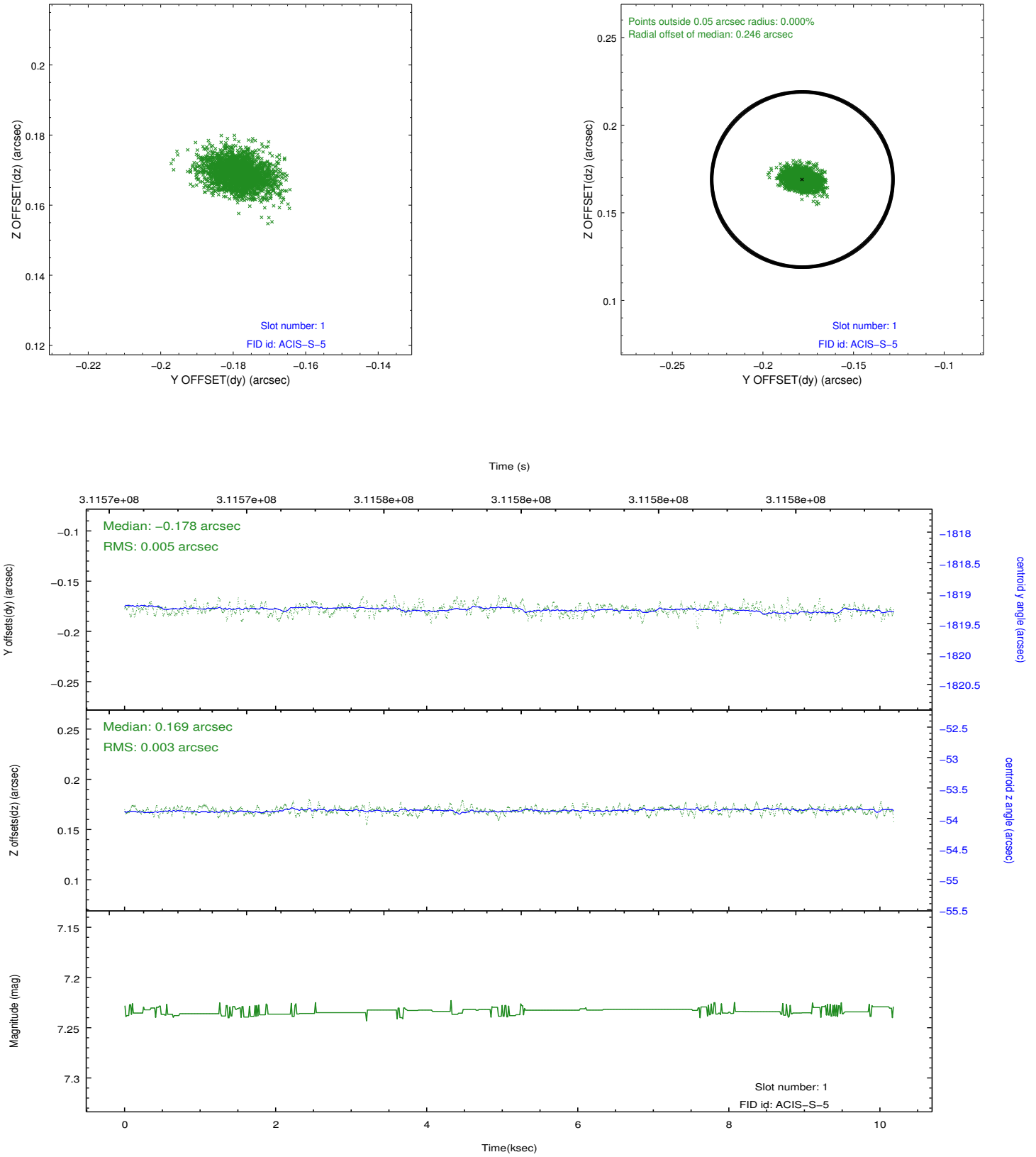


2.5 FID Slots

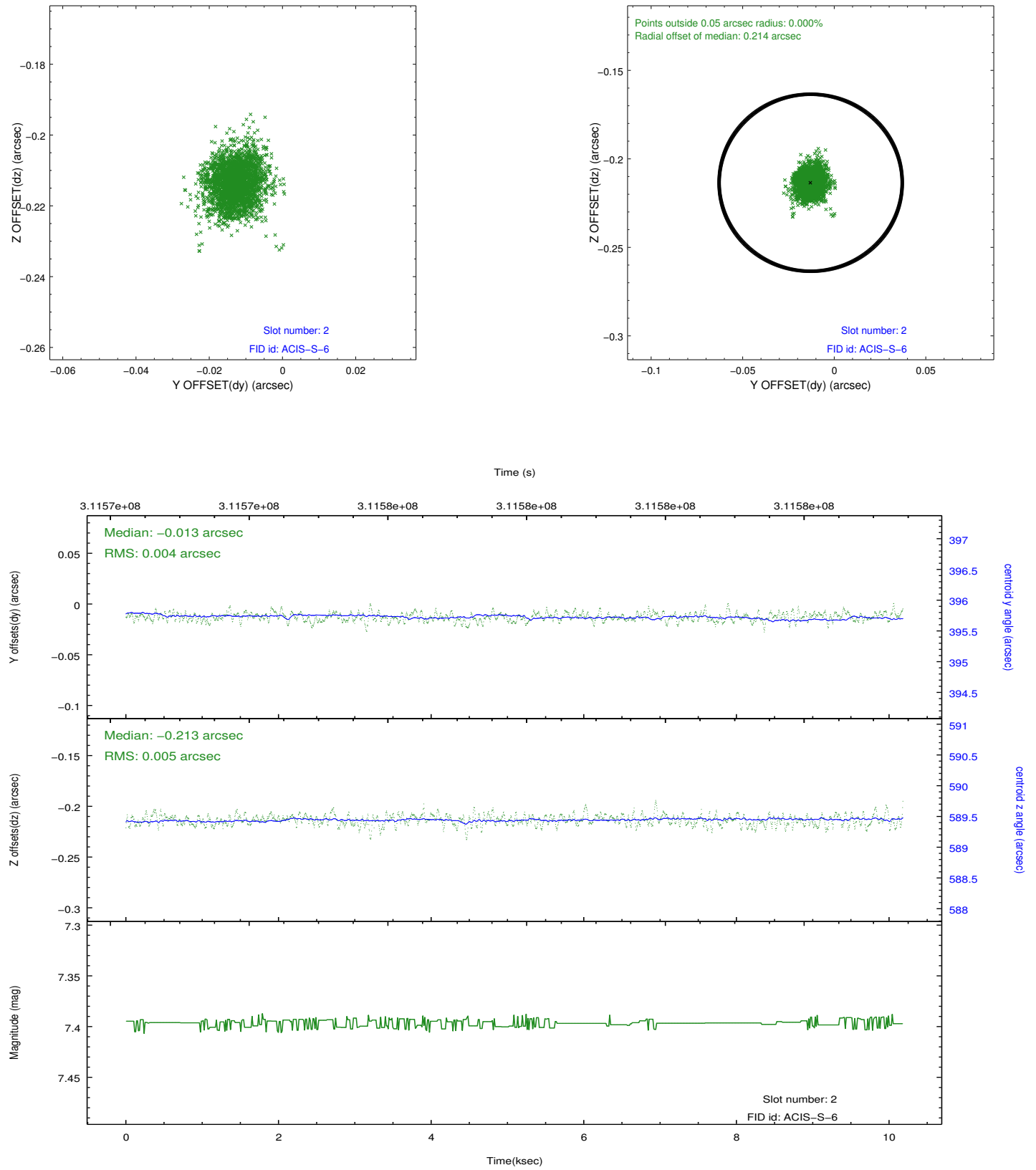
2.5.1 Slot 0



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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1815993

A.2 Comments

Roll preference met.