

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4058 - L2 Version 3
Chandra X-Ray Center

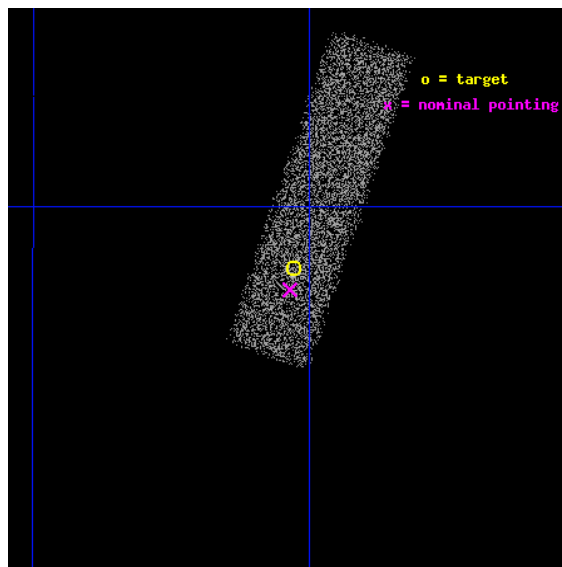
L2 Processing Date : Oct 19 2012

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1 Front

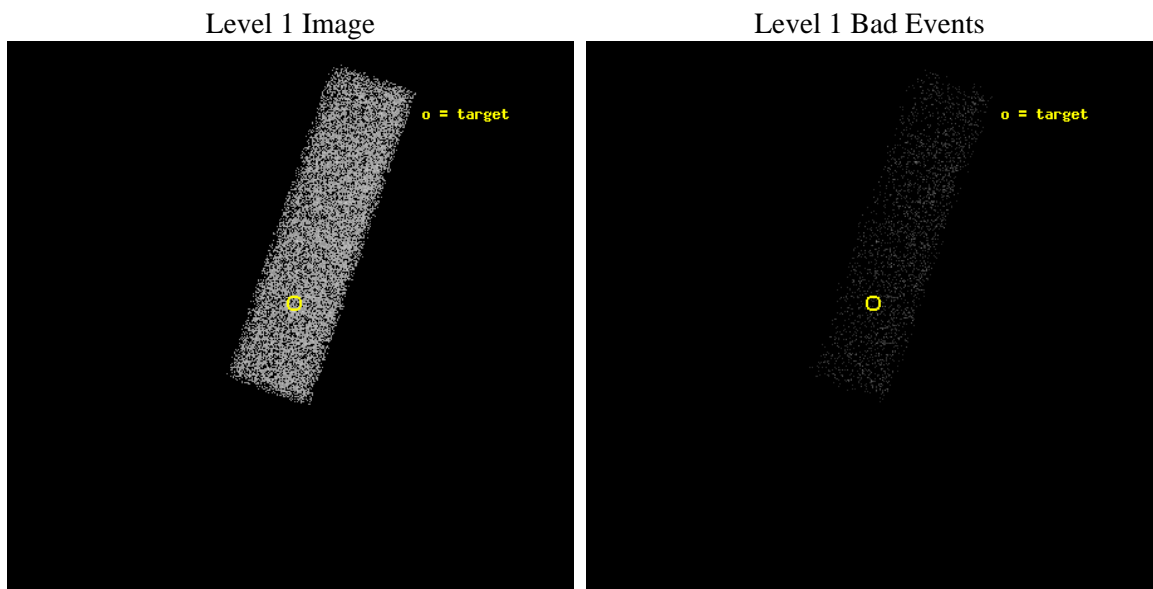
seq_num	700737	Sequence number
obs_id	4058	Observation id
title	ELUSIVE ACTIVE GALACTIC NUCLEI IN STARBURST GALAXIES	Proposal titl
observer	DR. ROBERTO MAIOLINO	Principal investigator
object	UGC2369	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	43.5075	Observer's specified target RA [deg]
dec_targ	14.973611	Observer's specified target Dec [deg]
ra_nom	43.509045421187	Nominal RA [deg]
dec_nom	14.964028214377	Nominal Dec [deg]
roll_nom	289.07033702593	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10179.200151682	Sum of GTIs [s]
livetime	9682.4884920403	Livetime [s]
ontime7	10179.200151682	Sum of GTIs [s]
l2events	9380	Number of level 2 events



2 OBI

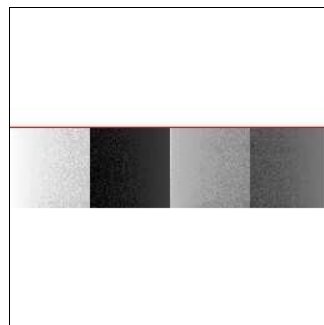
2.1 OBI

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	8.4.5	Processing system revision	ontime	10179.200151682	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	10179.200151682	Sum of GTIs [s]
date	2012-10-19T05:18:56	Date and time of file creation	l1events	22474	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

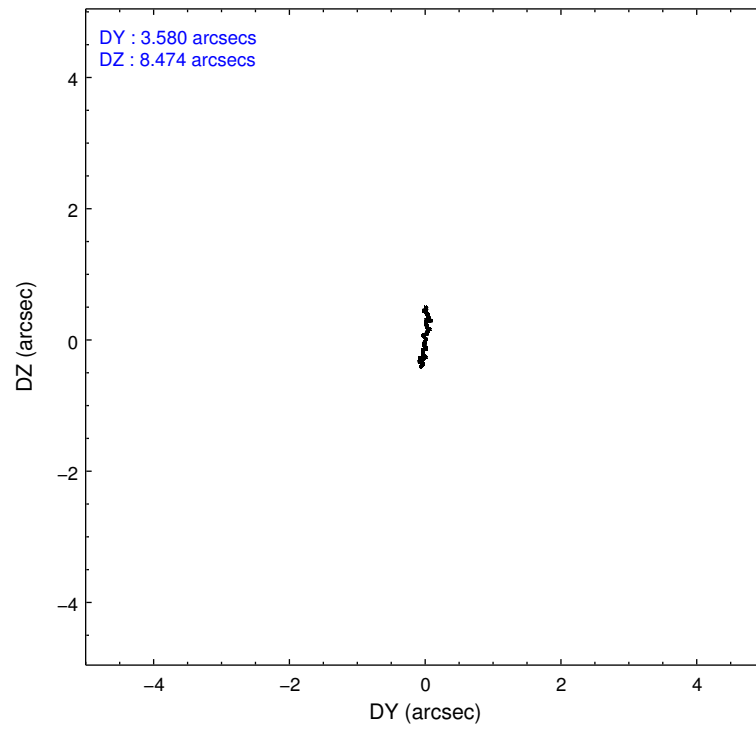
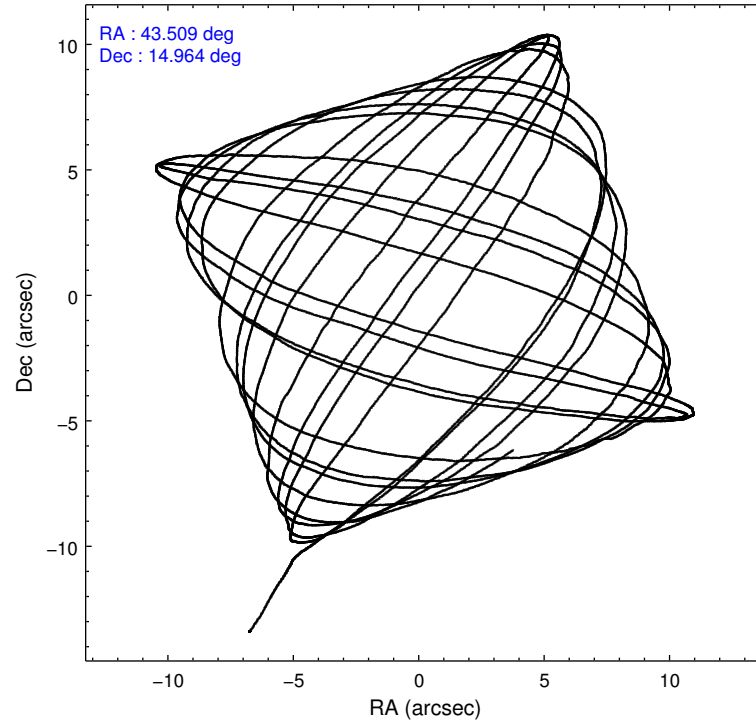
	ccd 7
level 1 events	22474
rejected events	12805
rejected %	56%

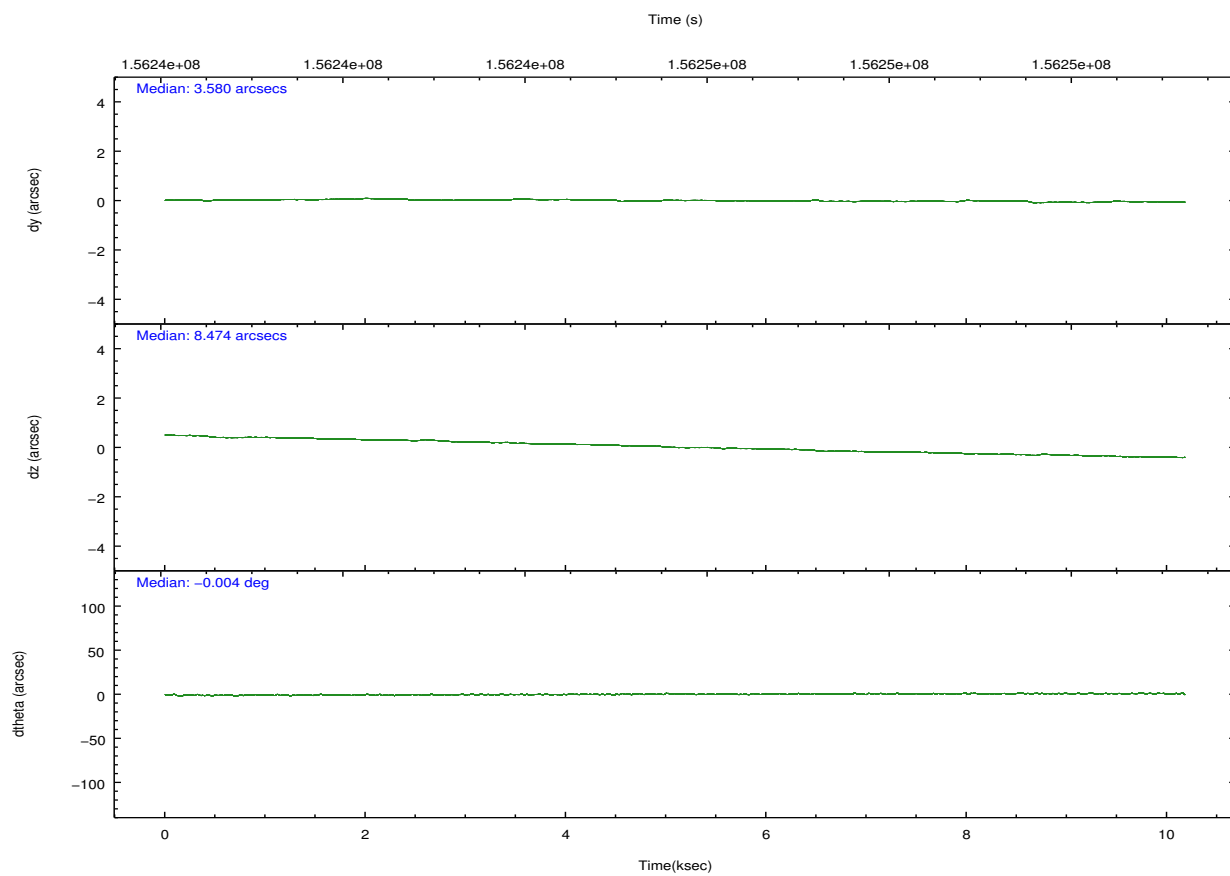
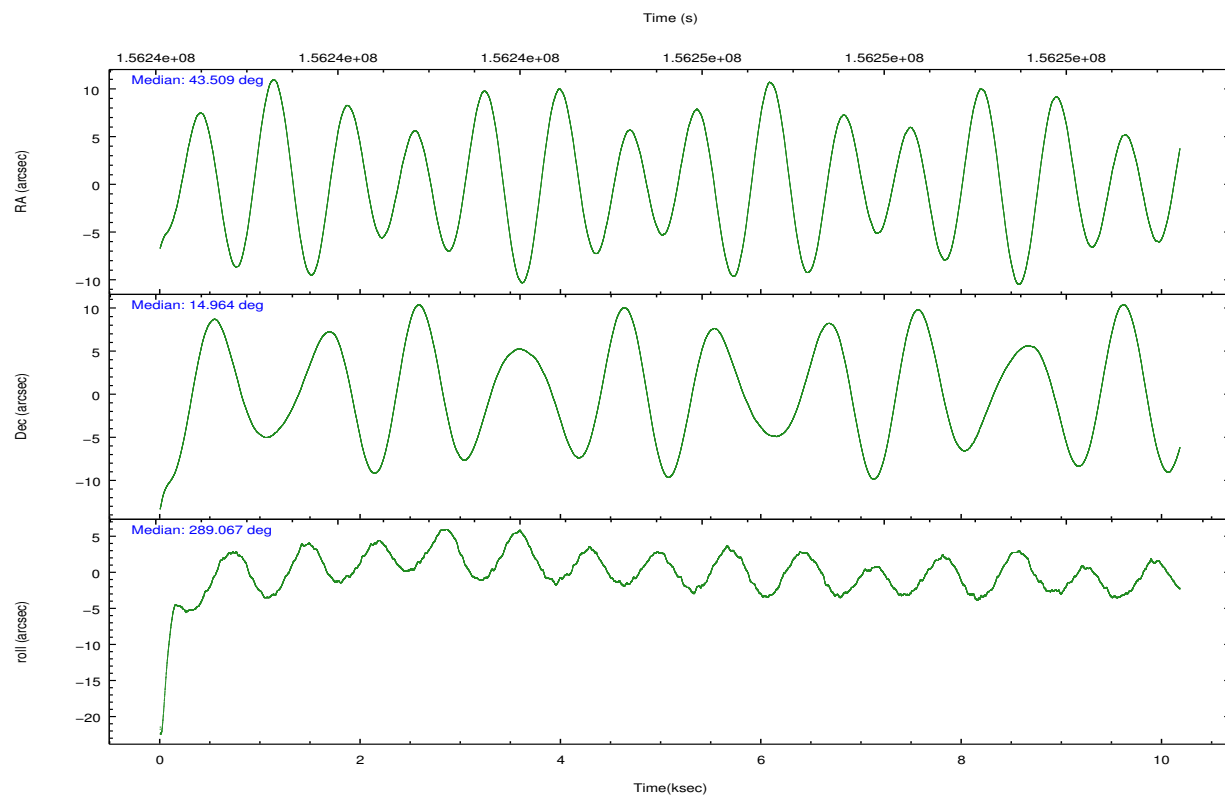
	ccd 7
grade 0 events	1067
	4%
grade 1 events	27
	0%
grade 2 events	2069
	9%
grade 3 events	1163
	5%
grade 4 events	1101
	4%
grade 5 events	2103
	9%
grade 6 events	4868
	21%
grade 7 events	10076
	44%

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	43.487517	43.50904542118658	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	14.981616	14.96402821437743	Subarray start row	384	385
[deg] Pointing Roll	288.919287	289.070337025933	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	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	156240744.184000	156239777.89103			
Observation start date	2002-12-14T08:11:20	2002-12-14T07:56:17			
[s] Observation end time (MET)	156250744.184000	156251527.46652			
Observation end date	2002-12-14T10:58:00	2002-12-14T11:12:07			
Read mode	TIMED	TIMED			

2.3 Aspect



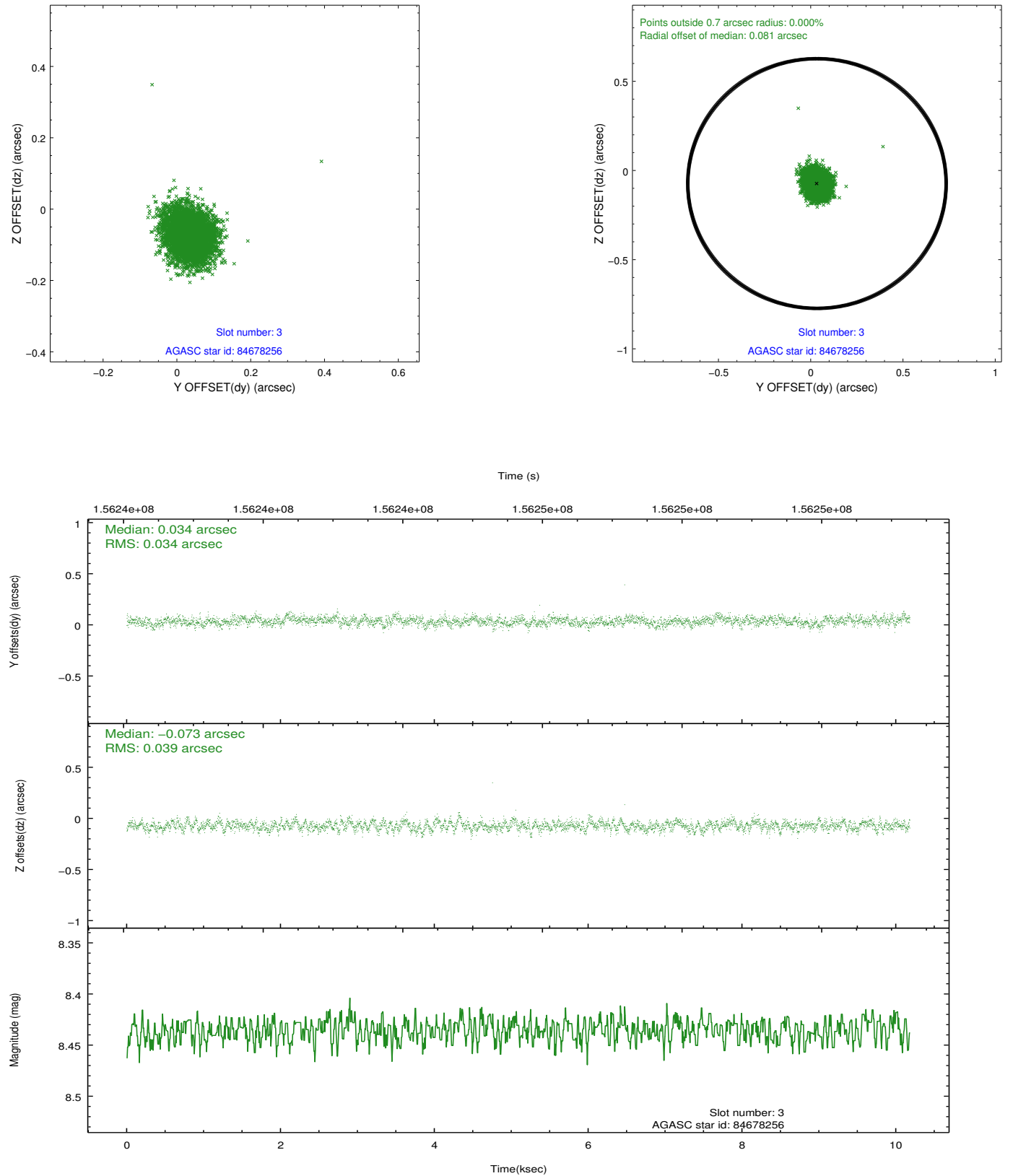


Slot Statistics

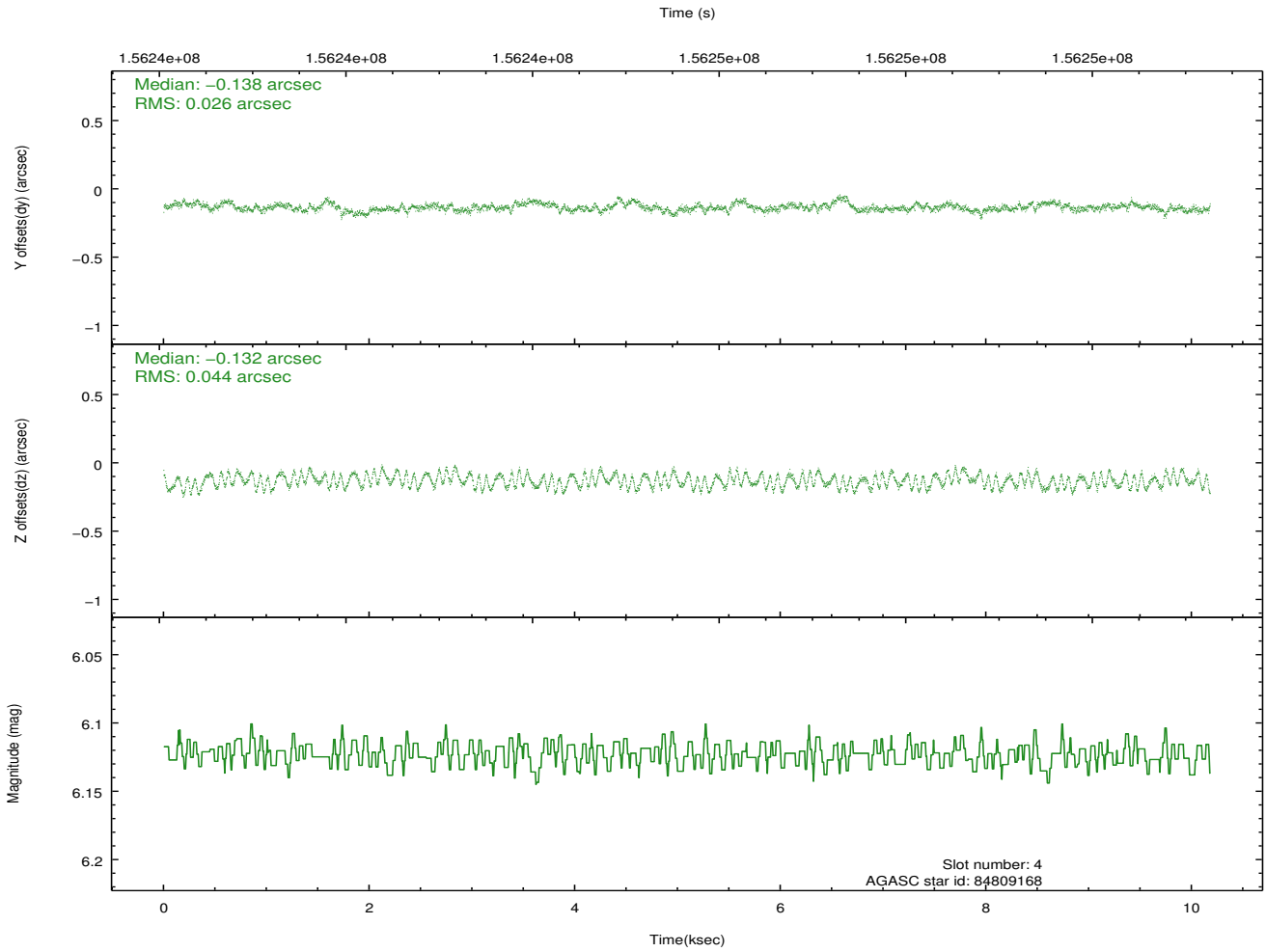
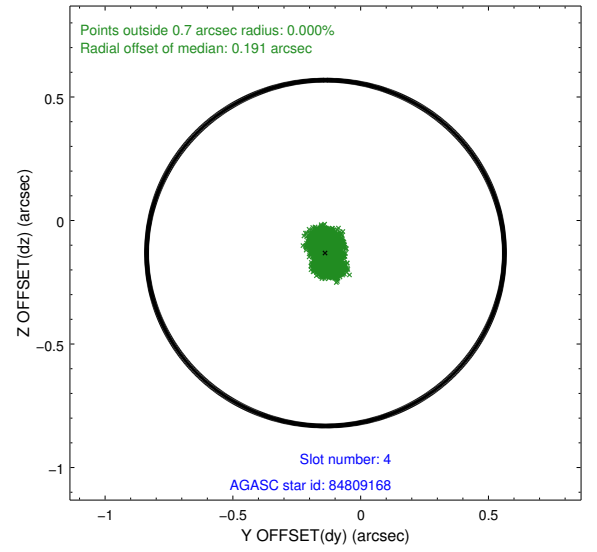
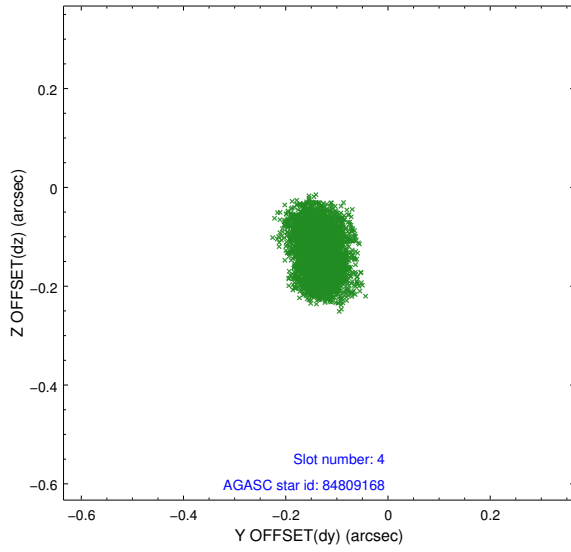
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2483	-0.007	-0.003	0.008	0.013	0.000000	0.000000	-756.25	-1729.70
1	FID	ACIS-S-4	7.20	2483	0.001	0.004	0.010	0.016	0.000000	0.000000	2156.81	178.24
2	FID	ACIS-S-5	7.24	2483	-0.025	0.007	0.007	0.012	0.000000	0.000000	-1808.44	172.52
3	GUIDE	84678256	8.44	4967	0.034	-0.073	0.054	0.089	43.101417	14.682225	584.16	-1620.67
4	GUIDE	84809168	6.12	4966	-0.138	-0.132	0.056	0.086	44.217327	14.609596	2088.38	1972.33
5	GUIDE	160439408	8.76	4963	0.008	0.101	0.067	0.109	43.574804	15.495464	-1650.17	887.22
6	GUIDE	160439864	8.97	4967	0.019	0.031	0.062	0.101	43.480700	15.427079	-1523.91	498.08
7	GUIDE	84810064	9.35	4961	0.076	0.069	0.103	0.165	43.504392	14.292611	2366.39	-747.89

2.4 Star Slots

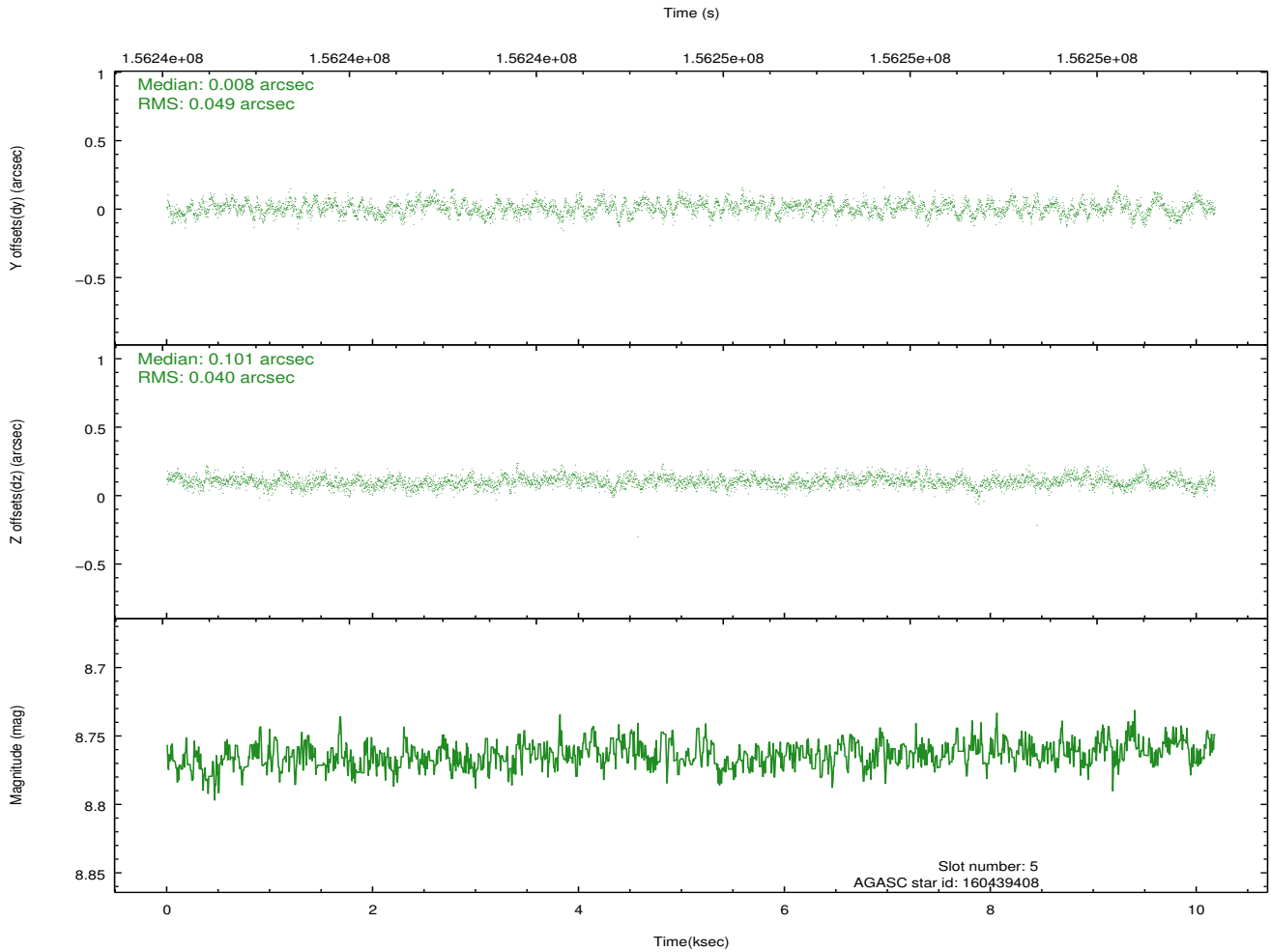
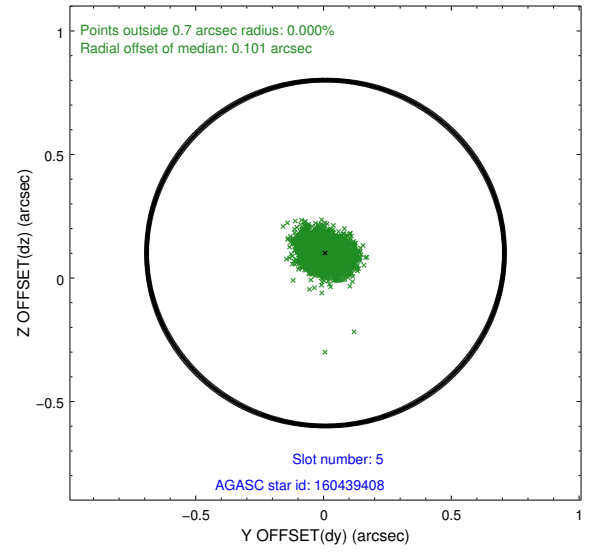
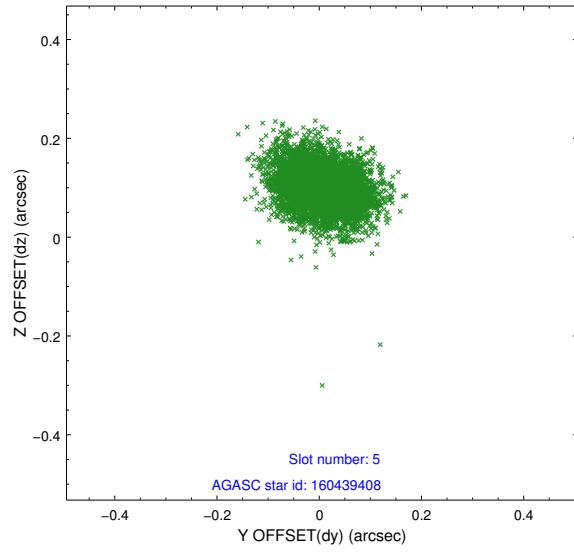
2.4.1 Slot 3



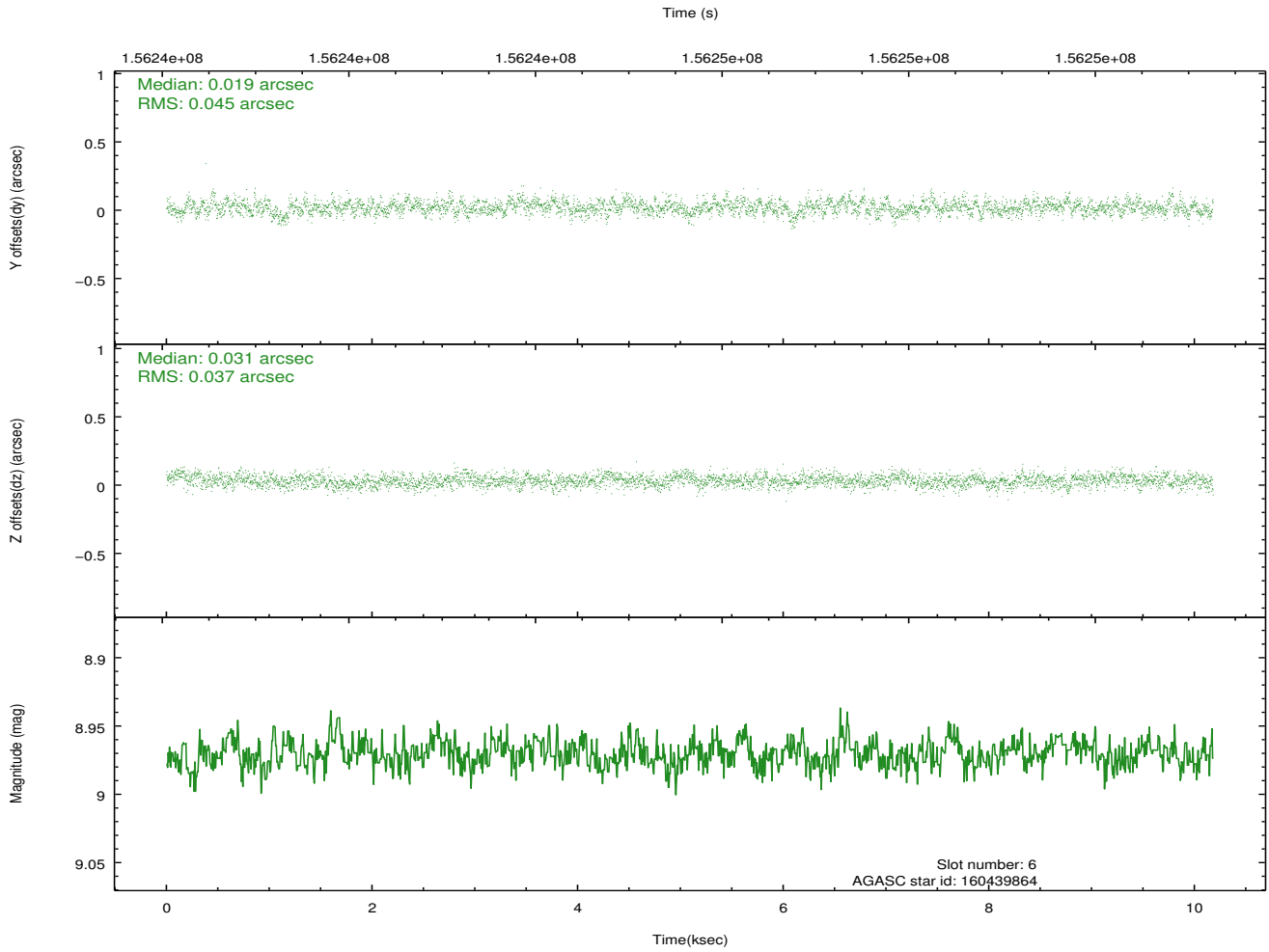
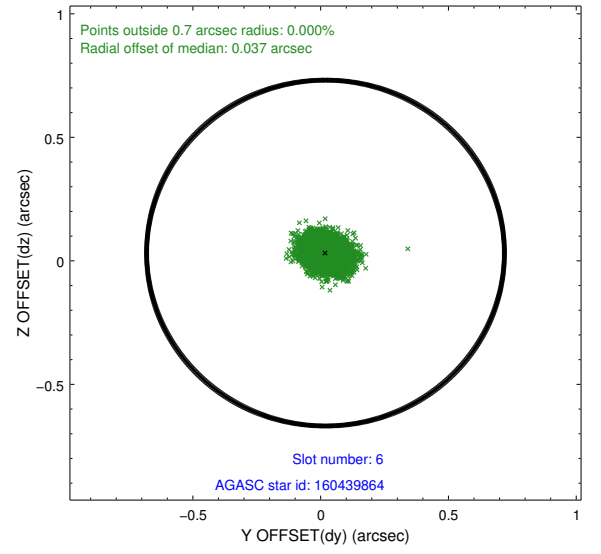
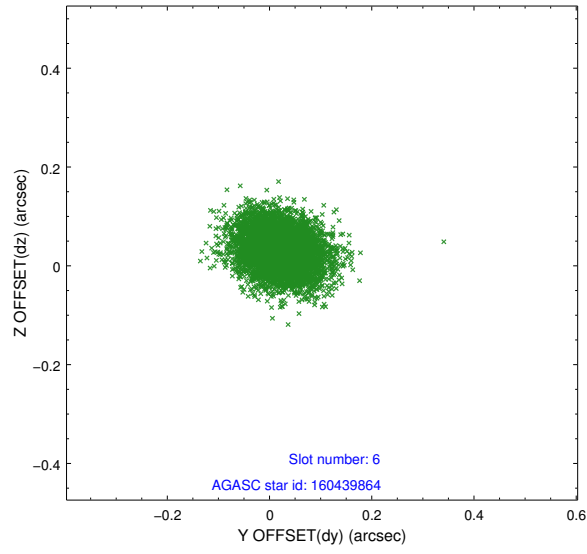
2.4.2 Slot 4



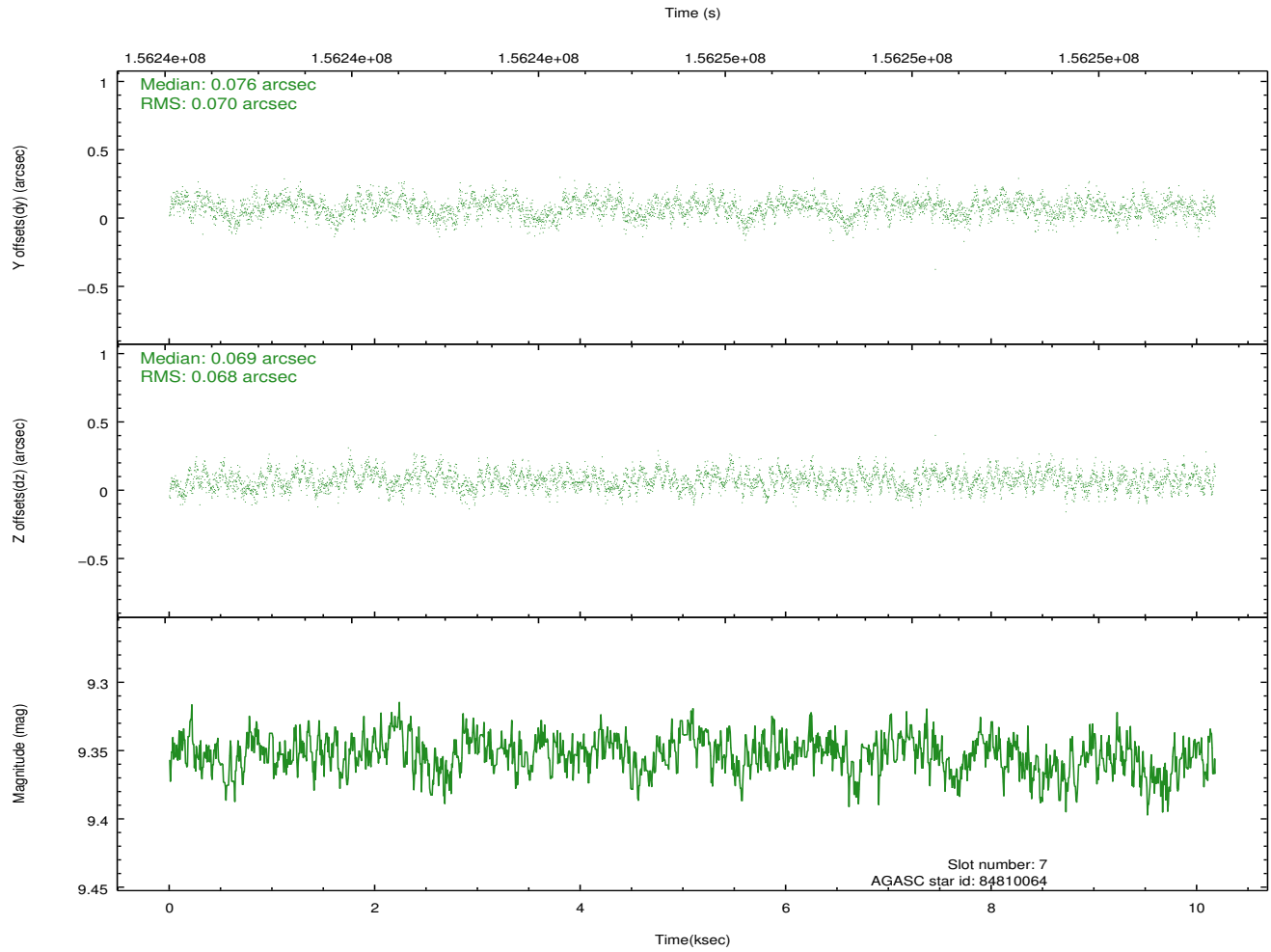
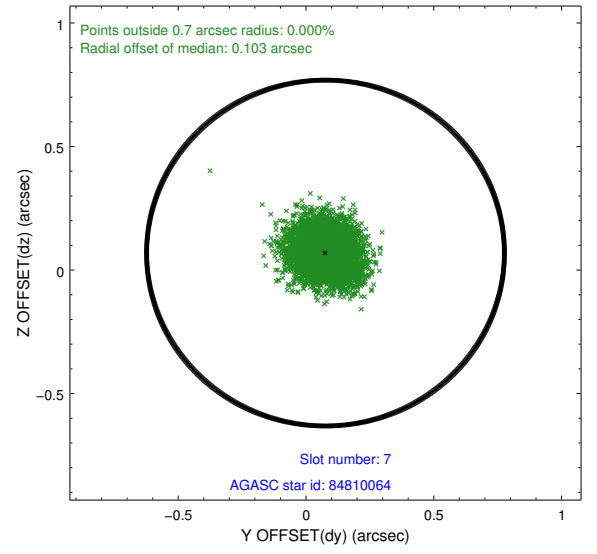
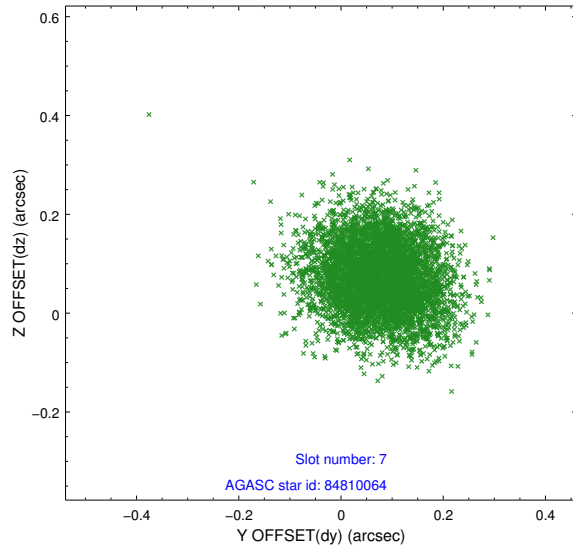
2.4.3 Slot 5



2.4.4 Slot 6

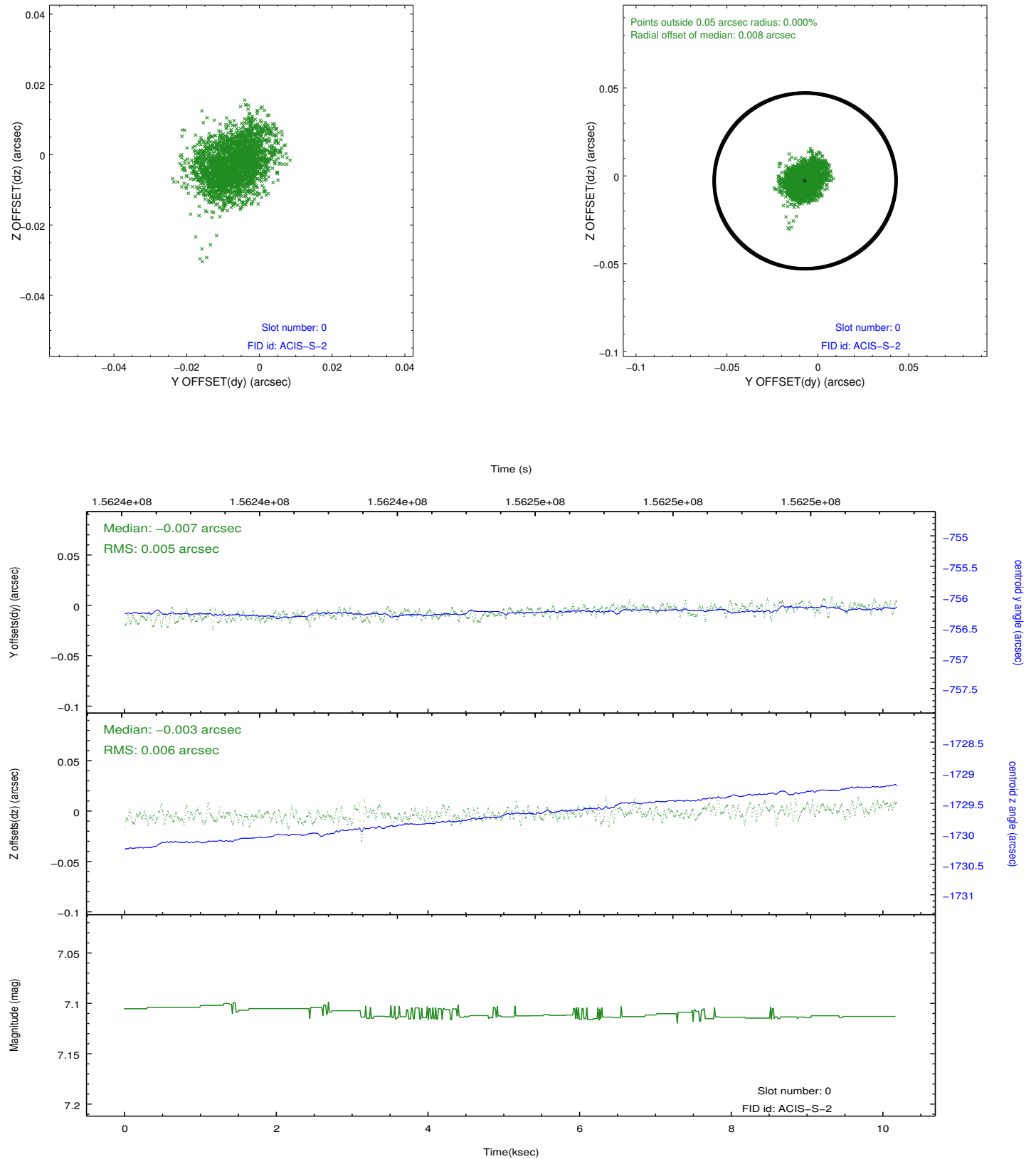


2.4.5 Slot 7

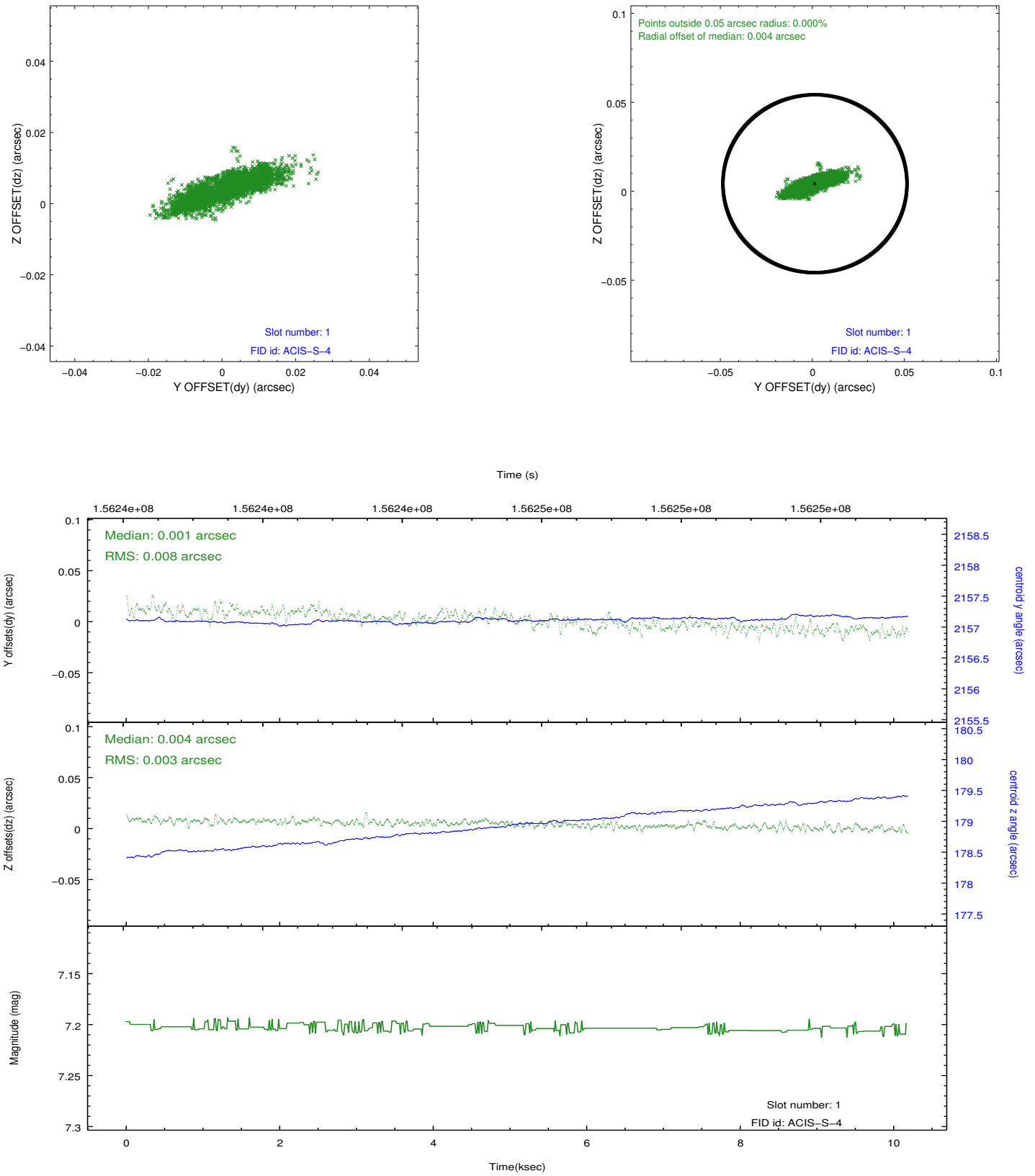


2.5 FID Slots

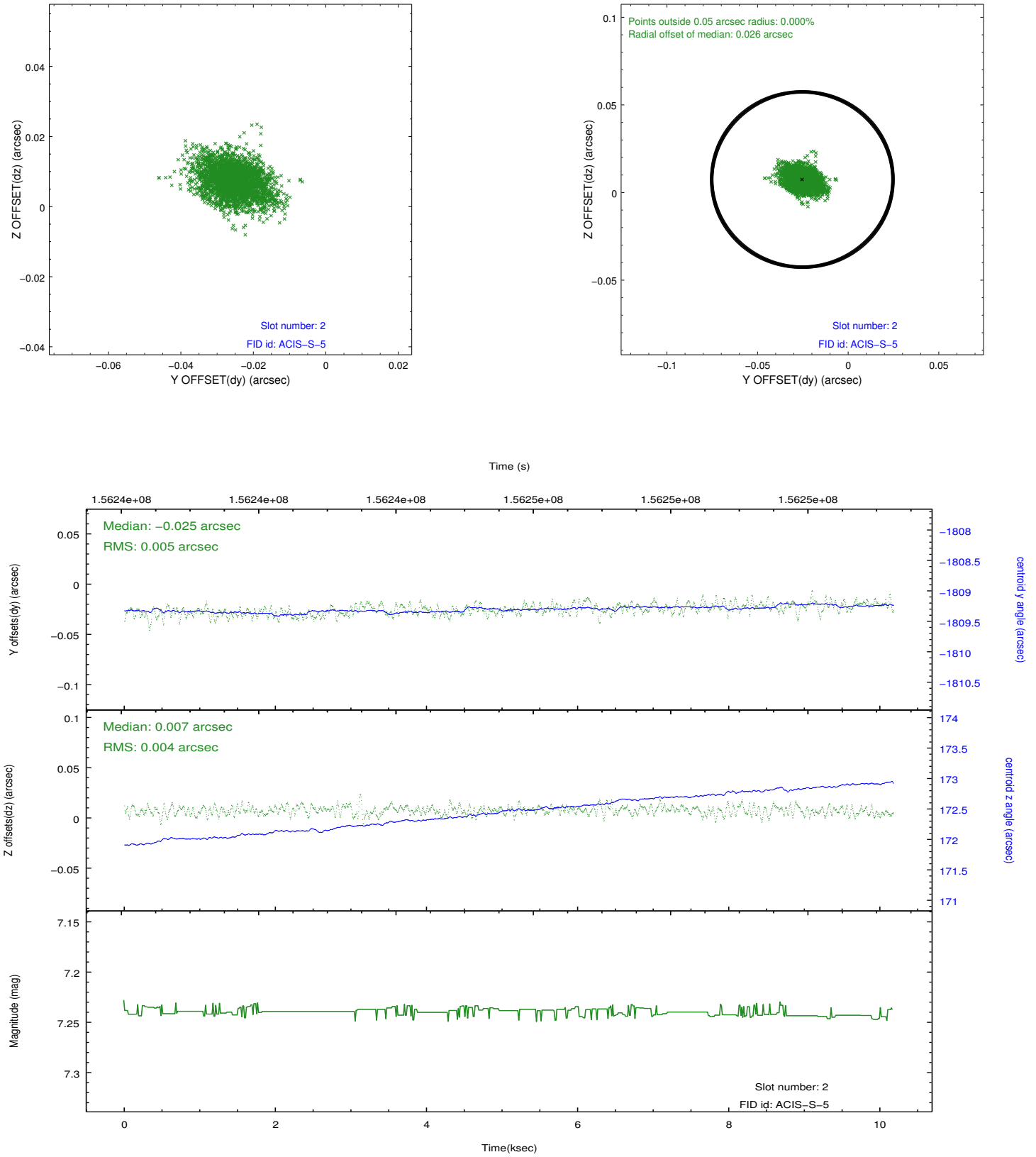
2.5.1 Slot 0



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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.179

A.2 Comments