

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3048 - L2 Version 3
Chandra X-Ray Center

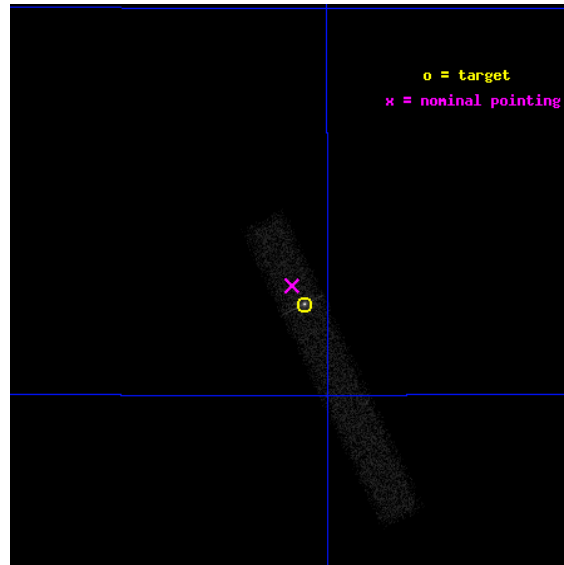
L2 Processing Date : Oct 16 2012

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1 Front

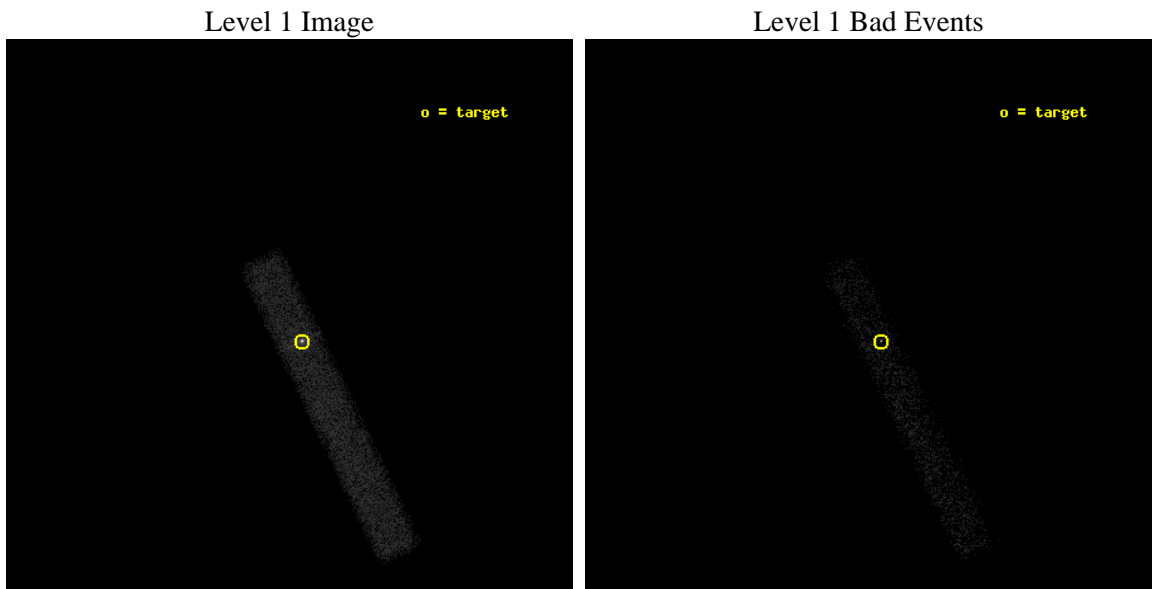
seq_num	700487	Sequence number
obs_id	3048	Observation id
title	X-RAY IMAGING OF QUASAR JETS	Proposal title
observer	Professor Alan Marscher	Principal investigator
object	0923+392	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	141.7625	Observer's specified target RA [deg]
dec_targ	39.039111	Observer's specified target Dec [deg]
ra_nom	141.7698103832	Nominal RA [deg]
dec_nom	39.046970937595	Nominal Dec [deg]
roll_nom	64.272135658912	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20550.400306195	Sum of GTIs [s]
livetime	18638.12833865	Livetime [s]
ontime7	20550.400306195	Sum of GTIs [s]
l2events	27242	Number of level 2 events



2 OBI

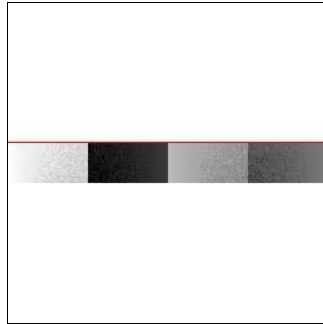
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	20000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	20550.400306195	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	20550.400306195	Sum of GTIs [s]
date	2012-10-16T23:38:19	Date and time of file creation	l1events	41460	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

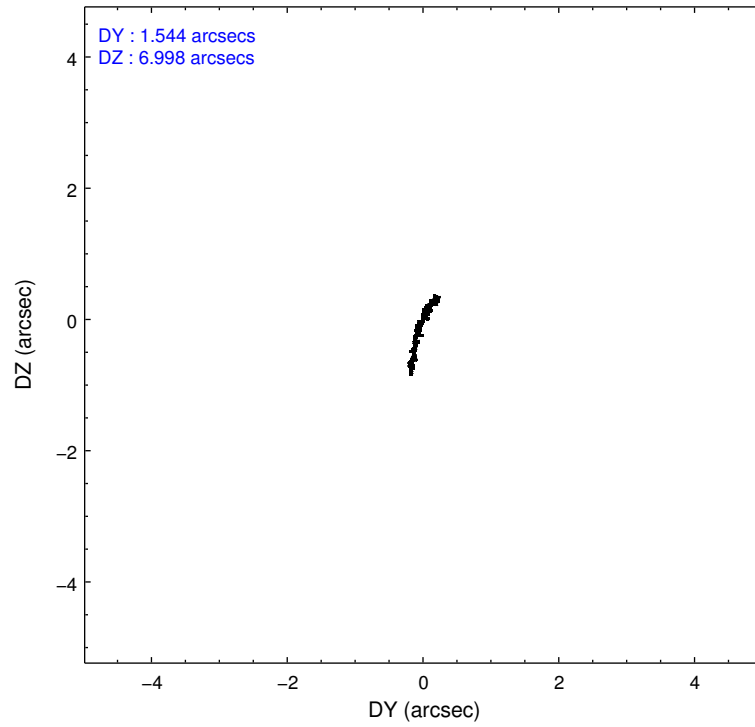
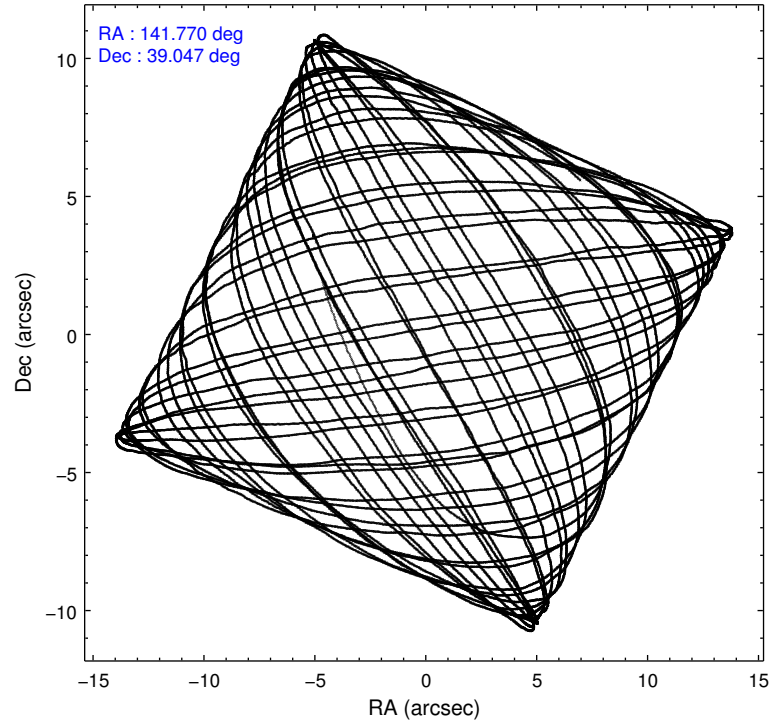
	ccd 7
level 1 events	41460
rejected events	13767
rejected %	33%

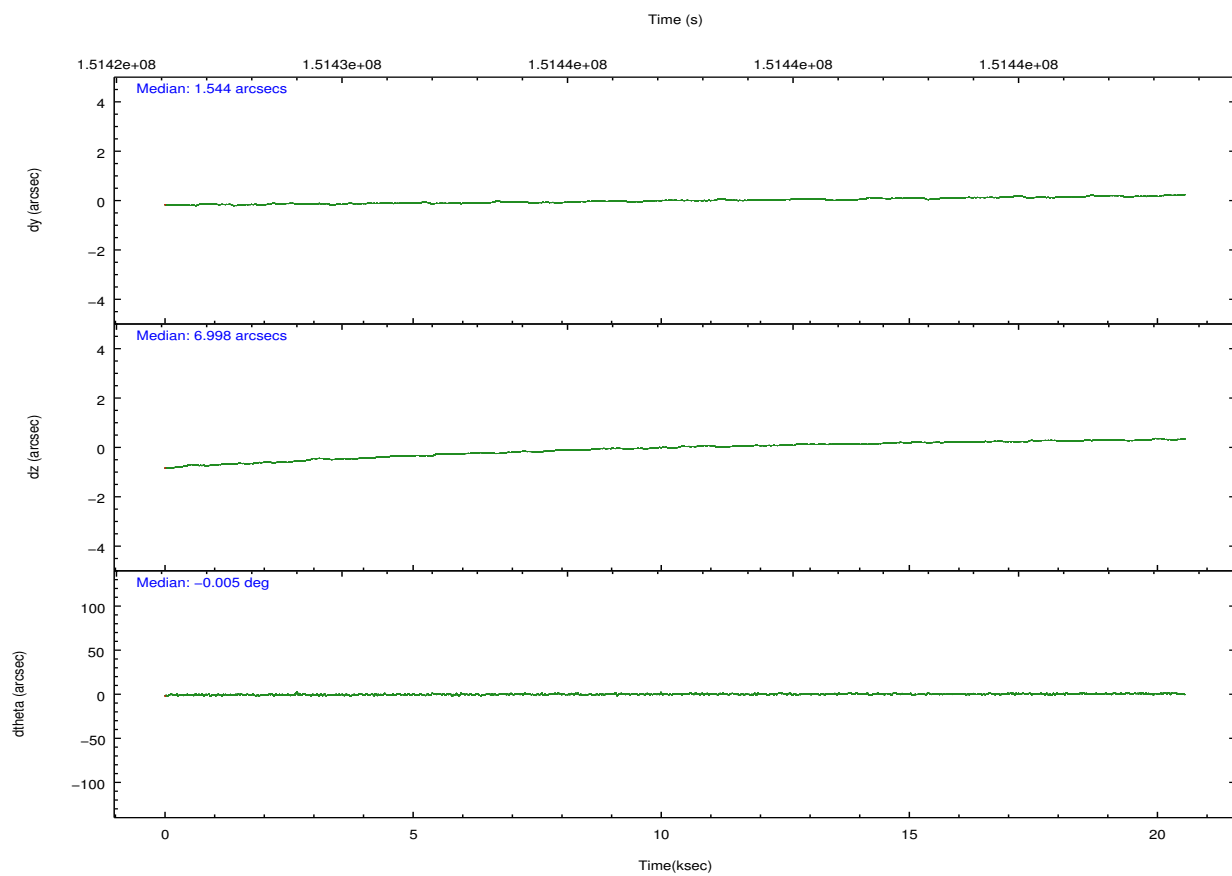
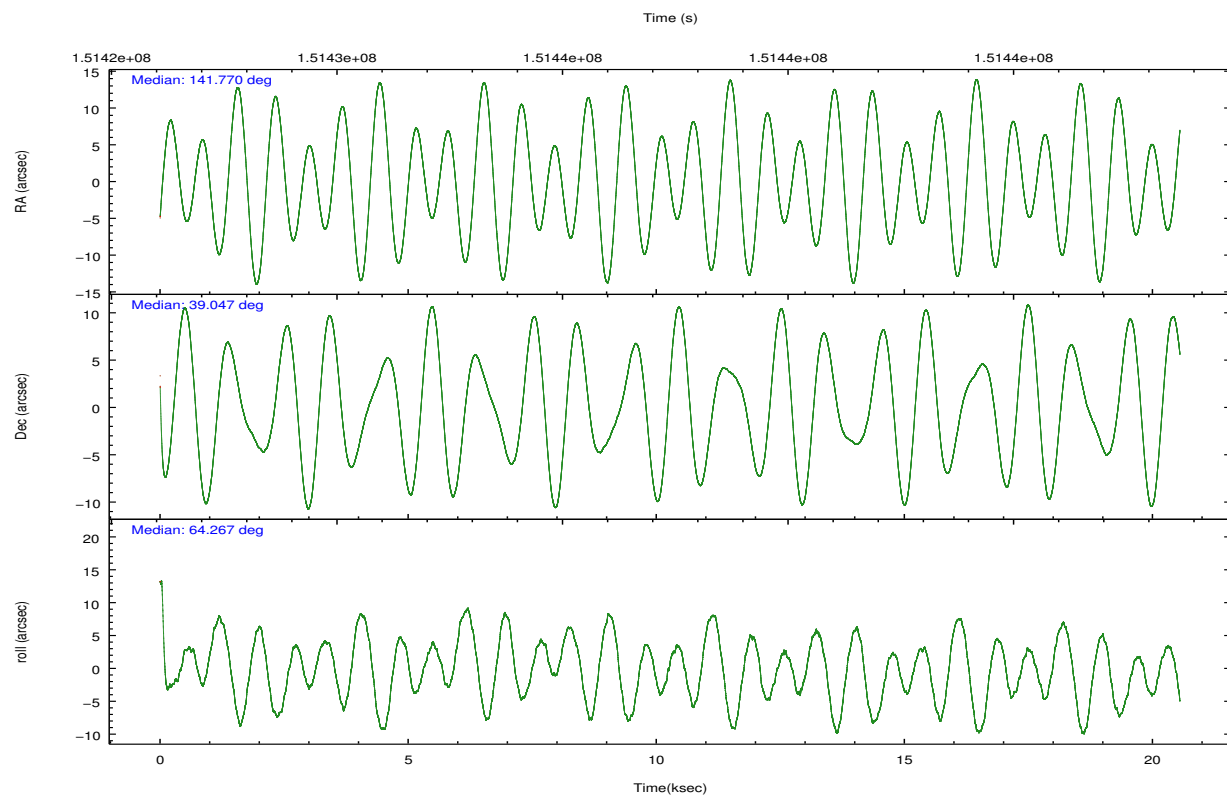
	ccd 7
grade 0 events	6349
	15%
grade 1 events	158
	0%
grade 2 events	6158
	14%
grade 3 events	3176
	7%
grade 4 events	3291
	7%
grade 5 events	2632
	6%
grade 6 events	8967
	21%
grade 7 events	10729
	25%

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	141.772873	141.7698103831956	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	39.019833	39.0469709375953	Subarray start row	449	449
[deg] Pointing Roll	64.113574	64.27213565891151	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	151427658.184000	151426514.01569			
Observation start date	2002-10-19T15:13:14	2002-10-19T14:55:14			
[s] Observation end time (MET)	151447658.184000	151448291.16659			
Observation end date	2002-10-19T20:46:34	2002-10-19T20:58:11			
Read mode	TIMED	TIMED			

2.3 Aspect



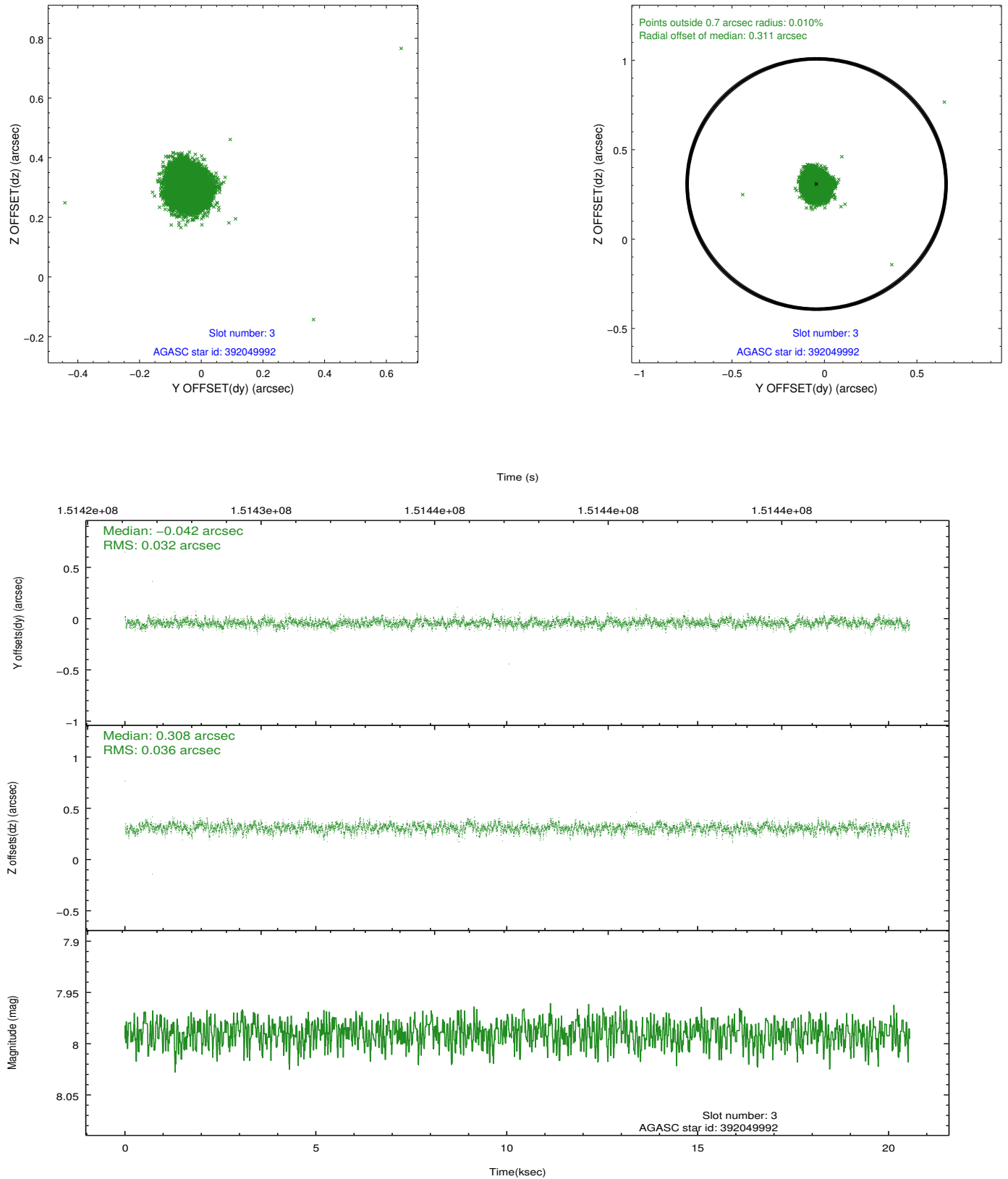


Slot Statistics

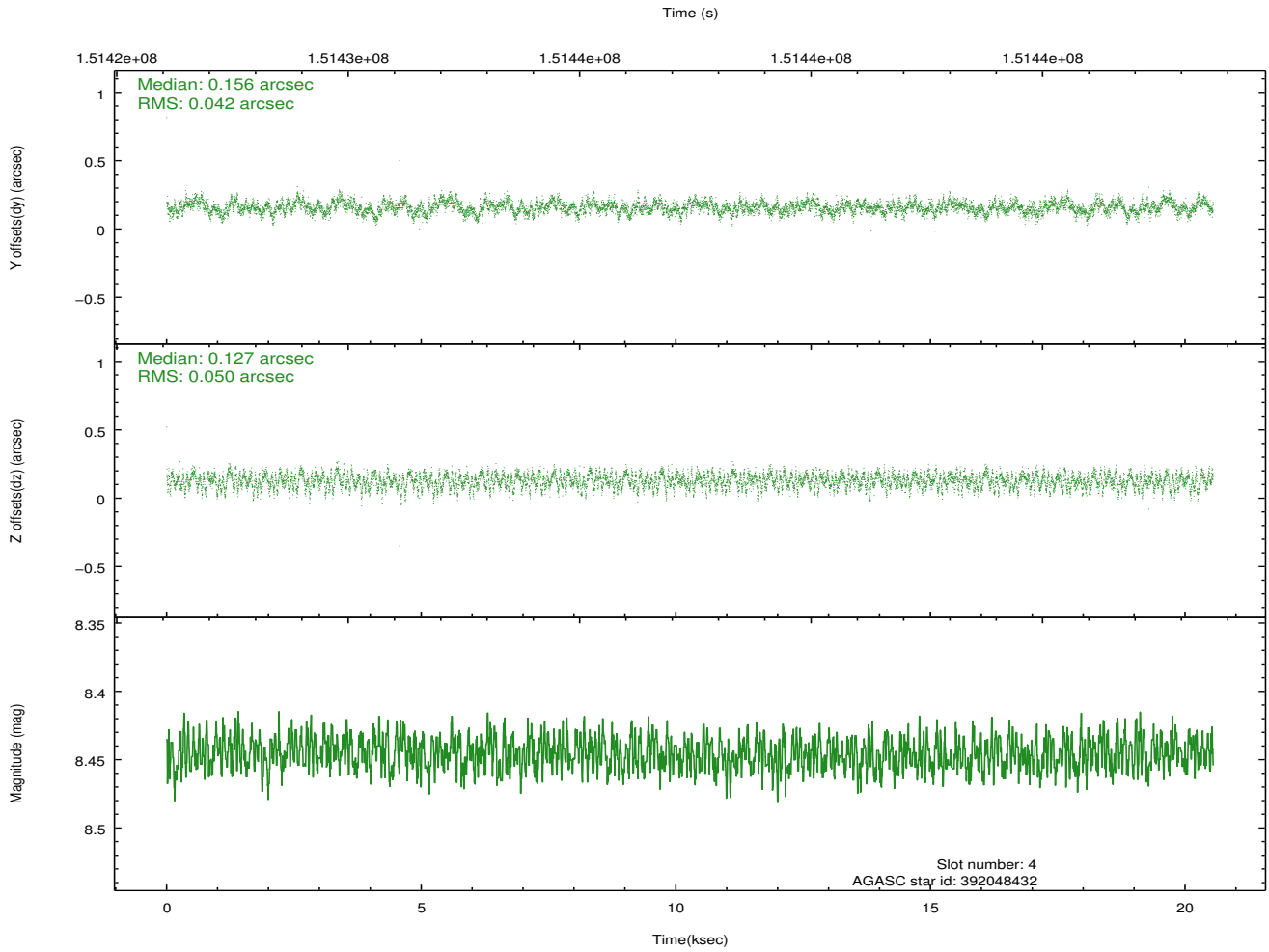
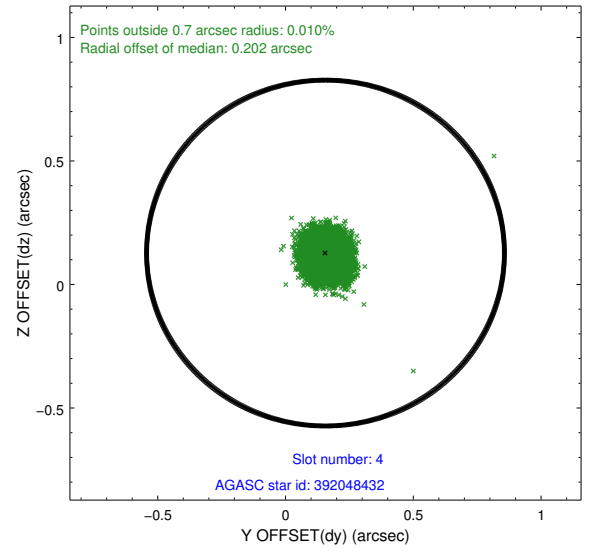
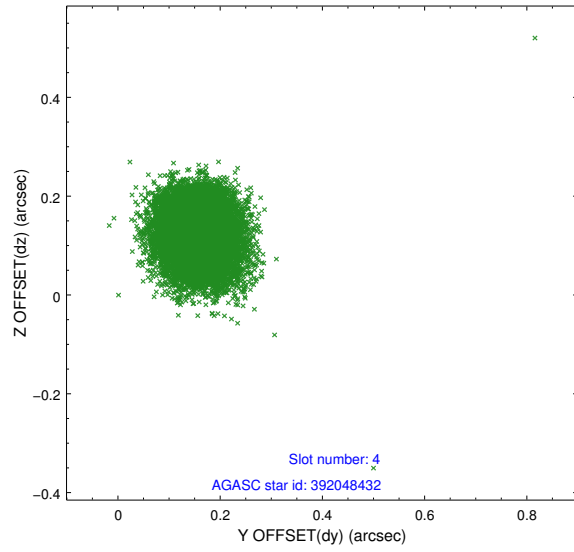
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	5013	0.054	0.010	0.010	0.015	0.000000	0.000000	941.95	-1723.64
1	FID	ACIS-S-3	7.36	5013	-0.105	-0.048	0.008	0.012	0.000000	0.000000	59.19	-1857.48
2	FID	ACIS-S-4	7.20	5012	0.029	0.045	0.006	0.011	0.000000	0.000000	2159.24	180.35
3	GUIDE	392049992	7.99	10026	-0.042	0.308	0.050	0.082	142.526905	38.921829	611.76	-2049.59
4	GUIDE	392048432	8.45	10023	0.156	0.127	0.070	0.109	142.198530	38.650046	-673.18	-1656.43
5	GUIDE	392037200	8.69	10024	-0.231	-0.334	0.064	0.103	141.402447	39.690921	1726.14	1978.95
6	GUIDE	392047888	9.49	10019	0.338	0.139	0.097	0.157	141.415694	38.615406	-1747.04	269.64
7	GUIDE	392038216	9.55	10010	-0.218	-0.237	0.096	0.155	141.225578	39.688613	1506.81	2417.55

2.4 Star Slots

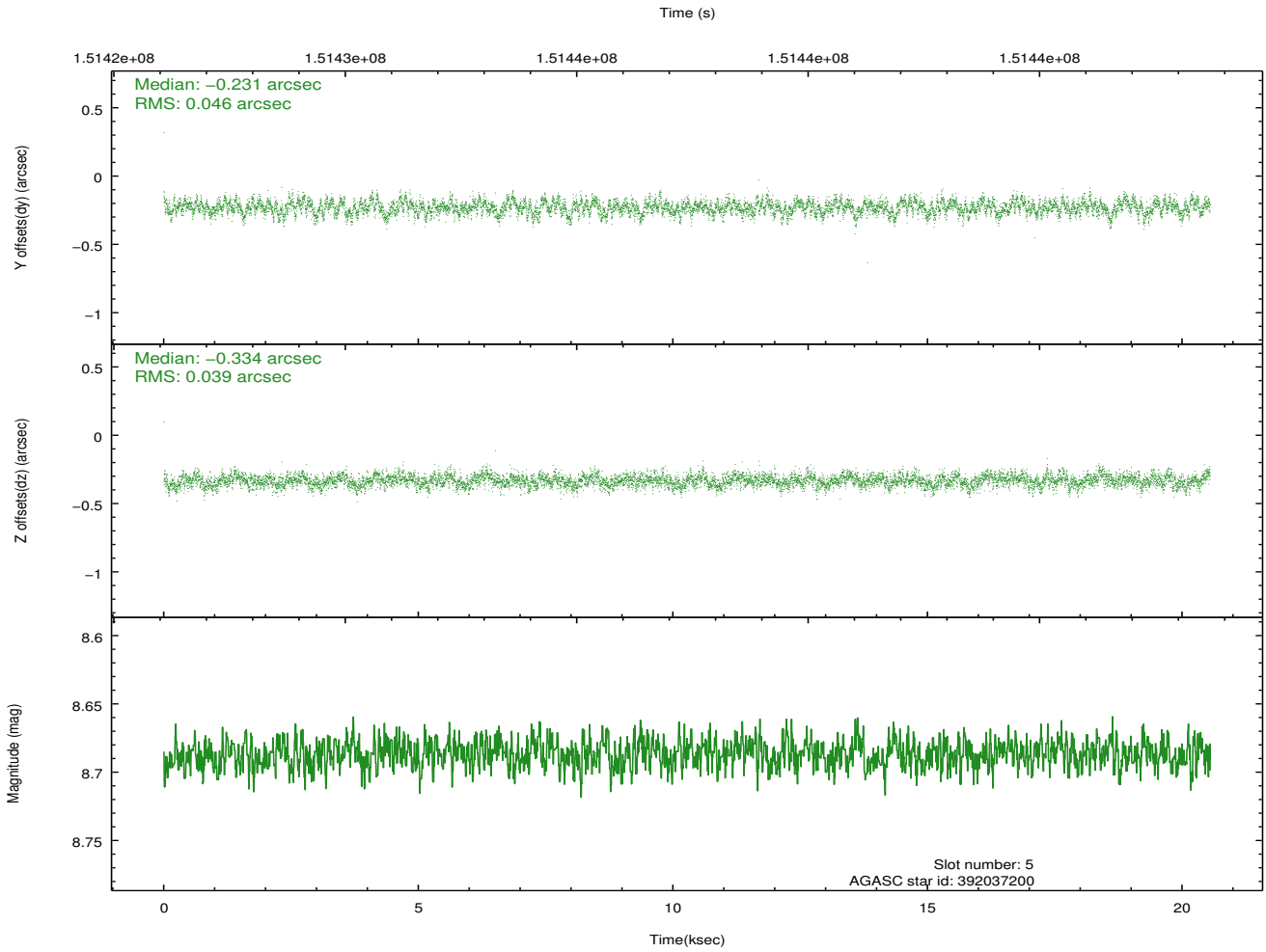
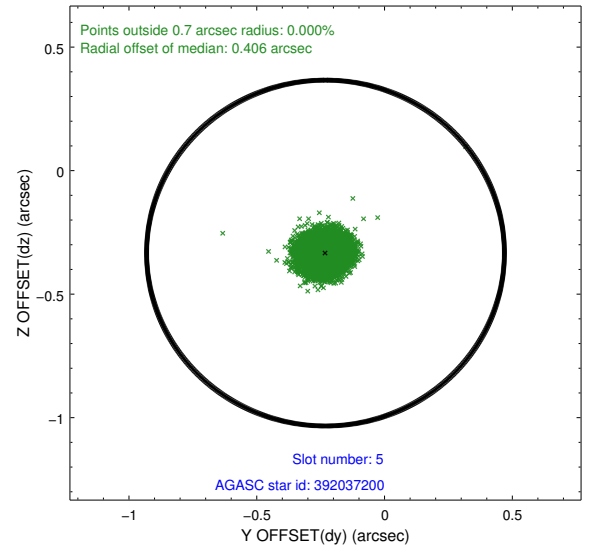
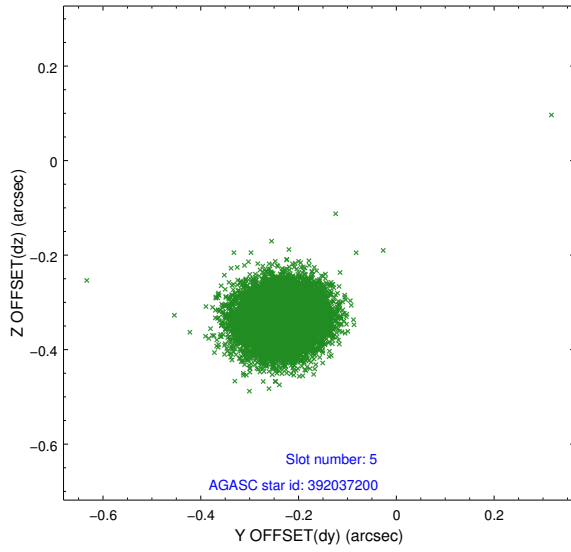
2.4.1 Slot 3



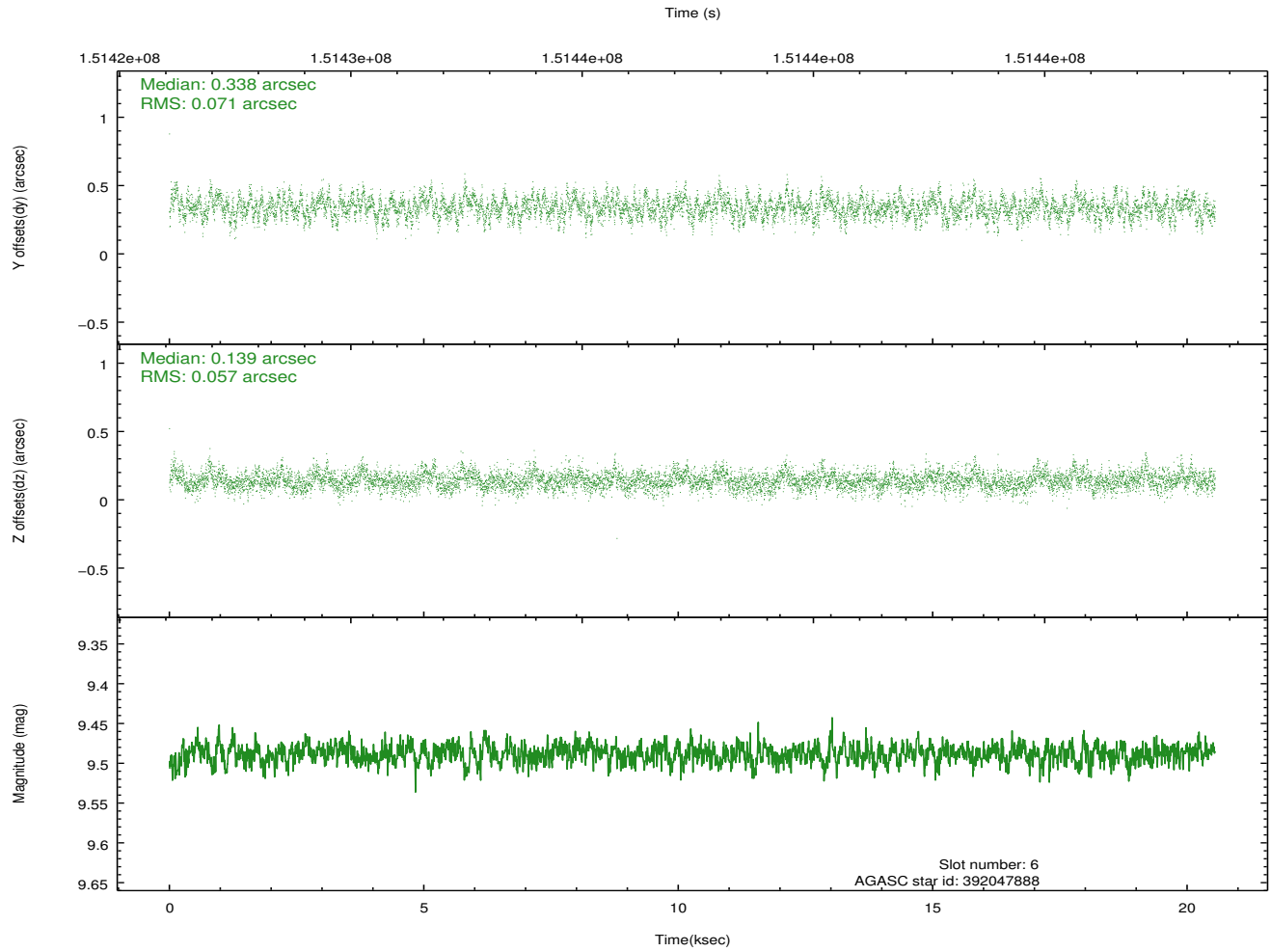
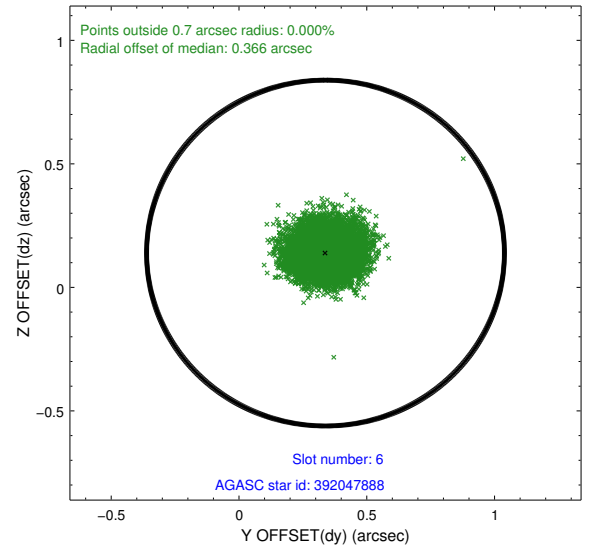
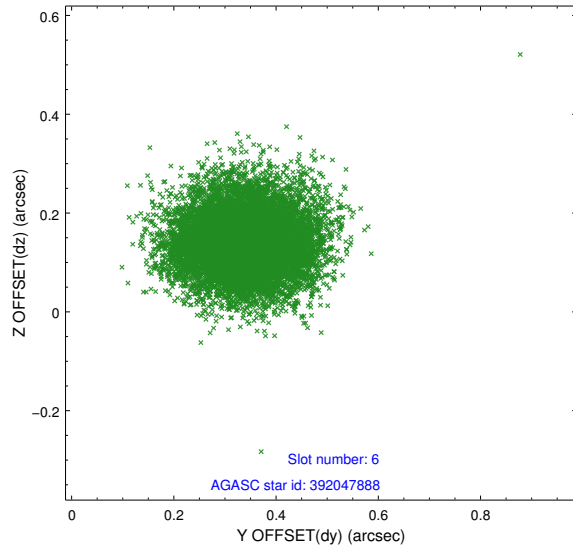
2.4.2 Slot 4



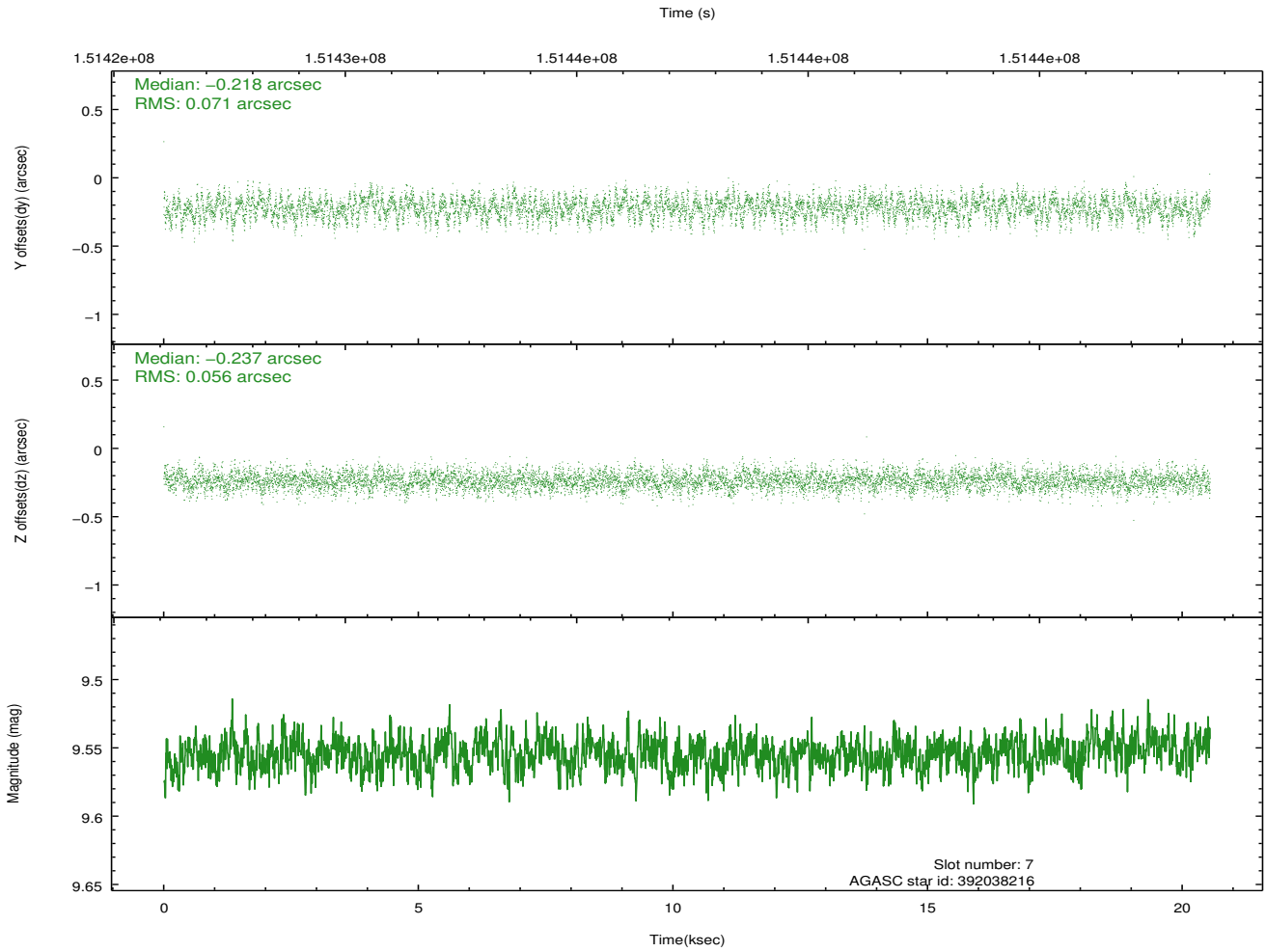
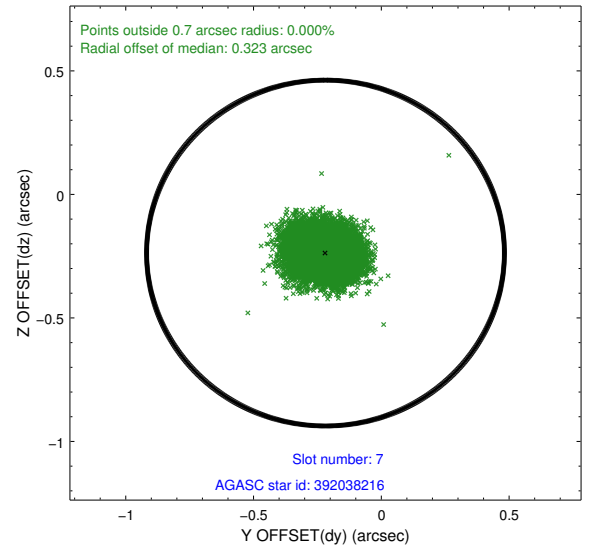
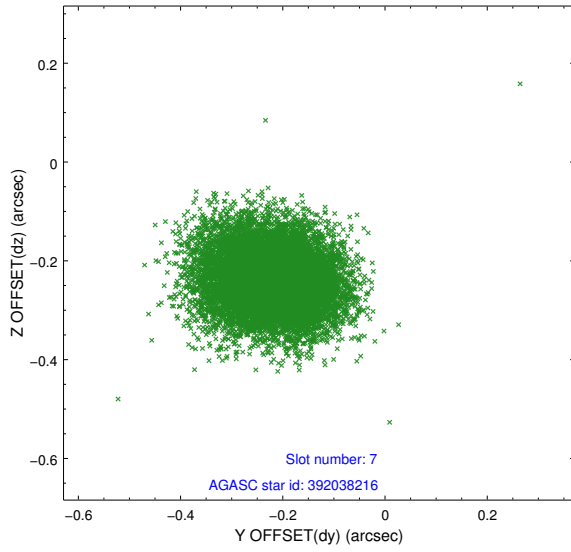
2.4.3 Slot 5



2.4.4 Slot 6

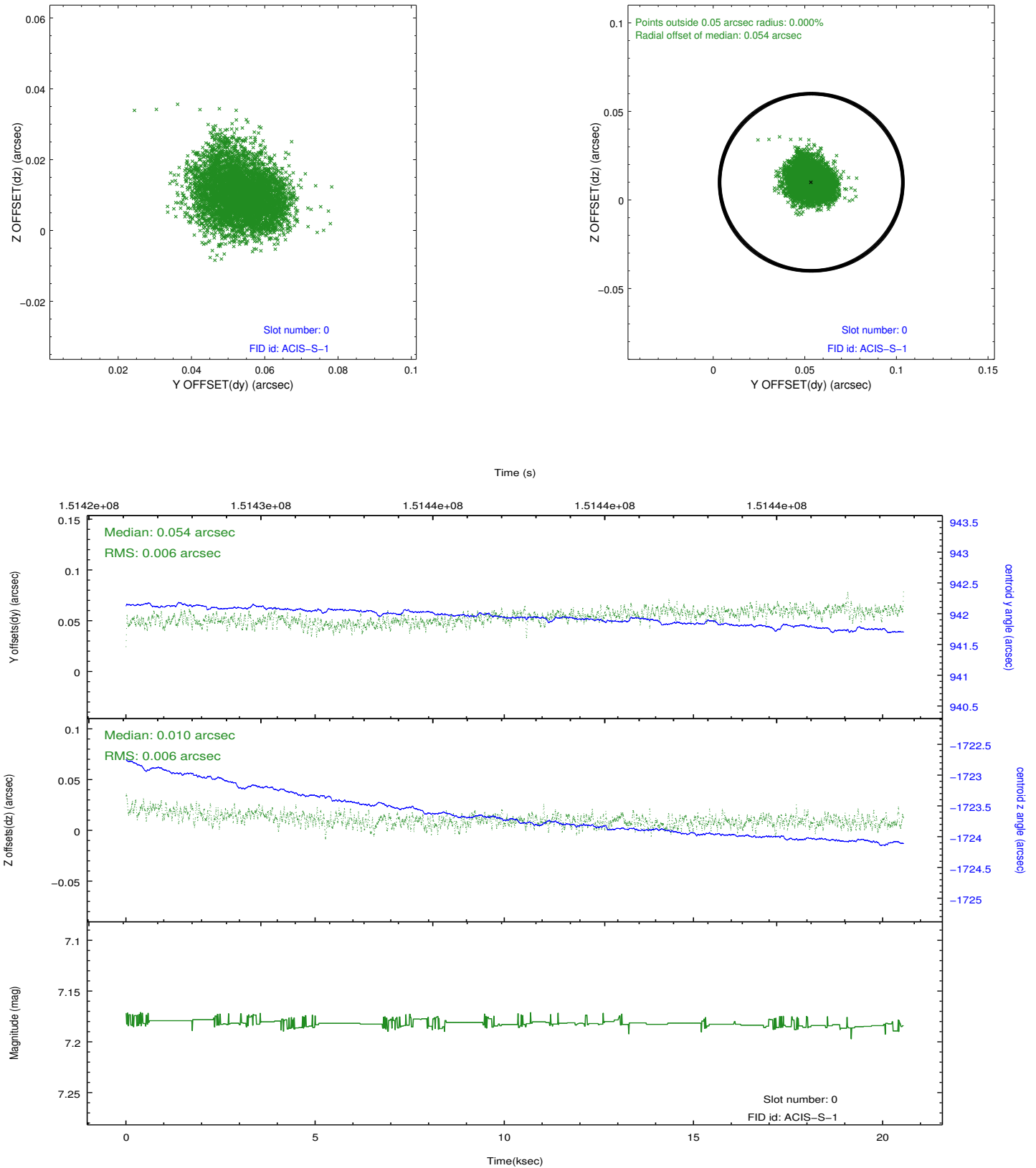


2.4.5 Slot 7

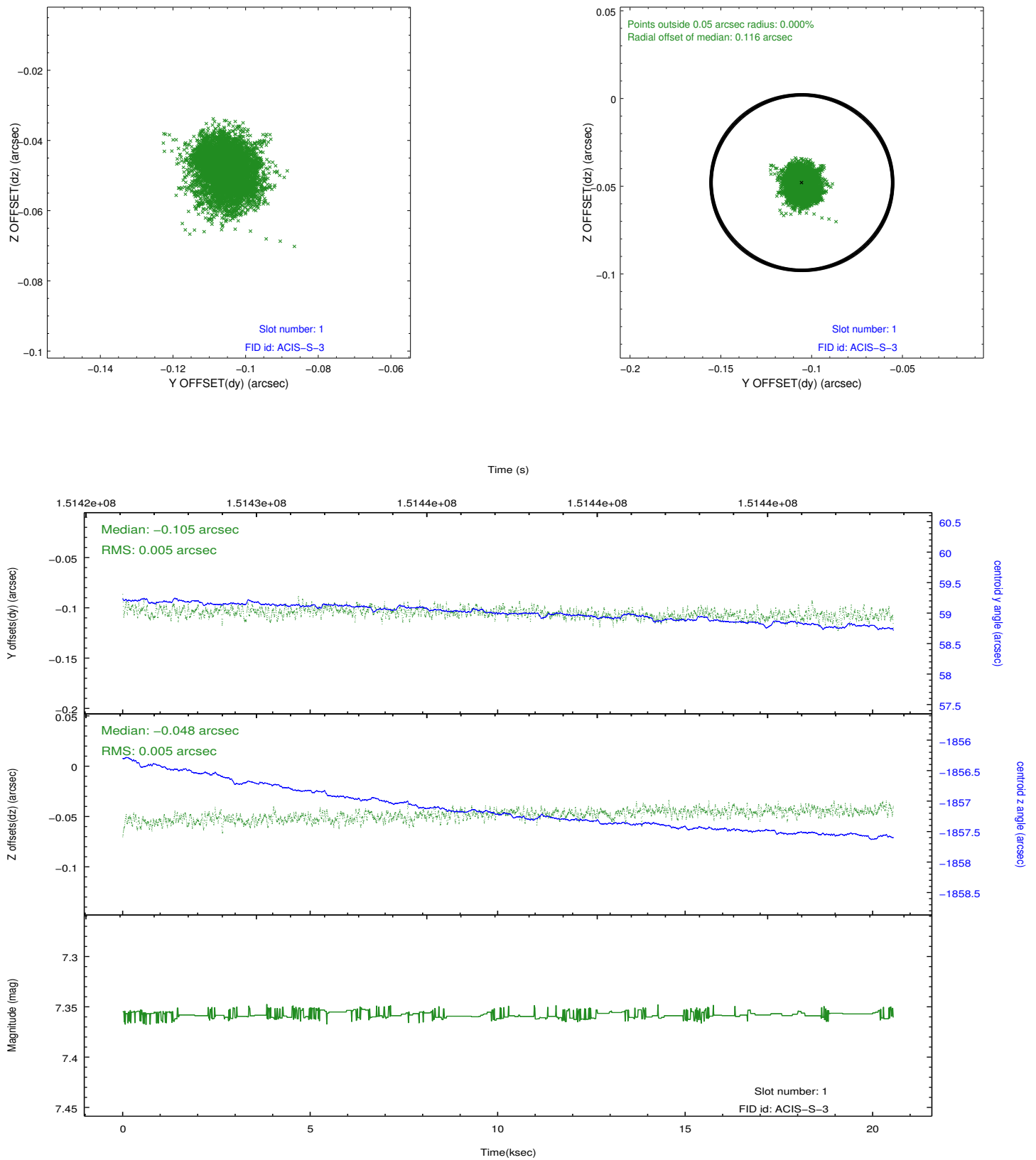


2.5 FID Slots

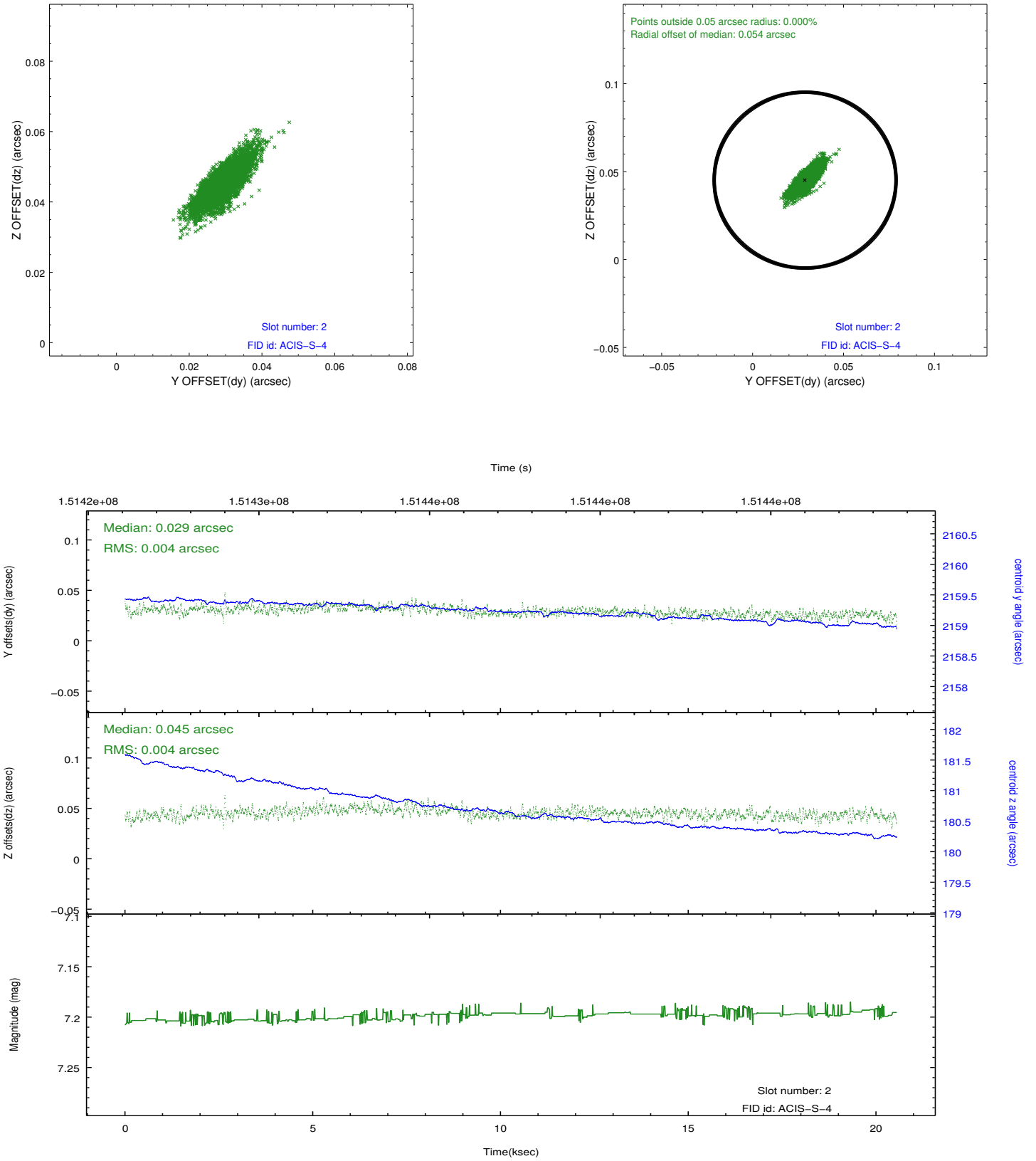
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.55

A.2 Comments