

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6570 - L2 Version 2
Chandra X-Ray Center

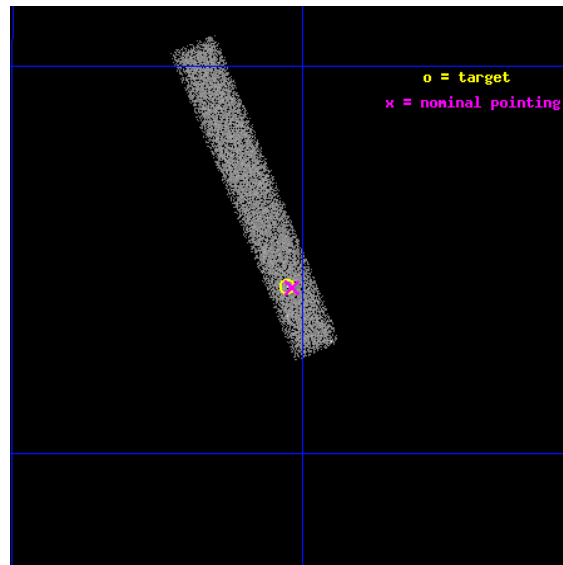
L2 Processing Date : Mar 17 2012

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1 Front

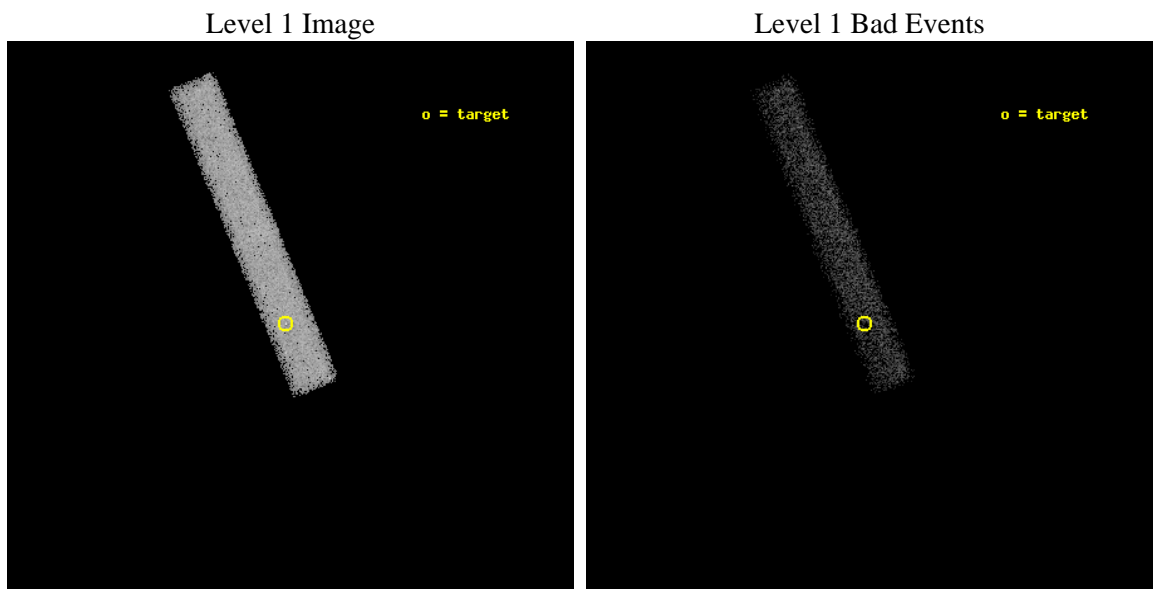
seq_num	400475	Sequence number
obs_id	6570	Observation id
title	The msec pulsar IGR J00291+5934 in quiescence	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J00291+5934	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	7.262917	Observer's specified target RA [deg]
dec_targ	59.571944	Observer's specified target Dec [deg]
ra_nom	7.2589371091479	Nominal RA [deg]
dec_nom	59.571427590375	Nominal Dec [deg]
roll_nom	247.56067644202	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27202.800405324	Sum of GTIs [s]
livetime	24671.504086091	Livetime [s]
ontime7	27202.800405324	Sum of GTIs [s]
l2events	17246	Number of level 2 events



2 OBI

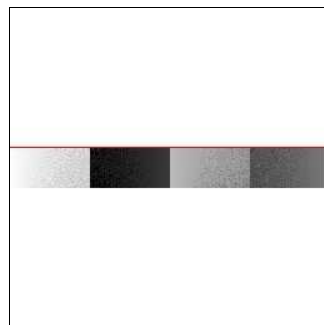
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	27019.634000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	27202.800405324	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	27202.800405324	Sum of GTIs [s]
date	2012-03-17T16:02:32	Date and time of file creation	l1events	40345	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

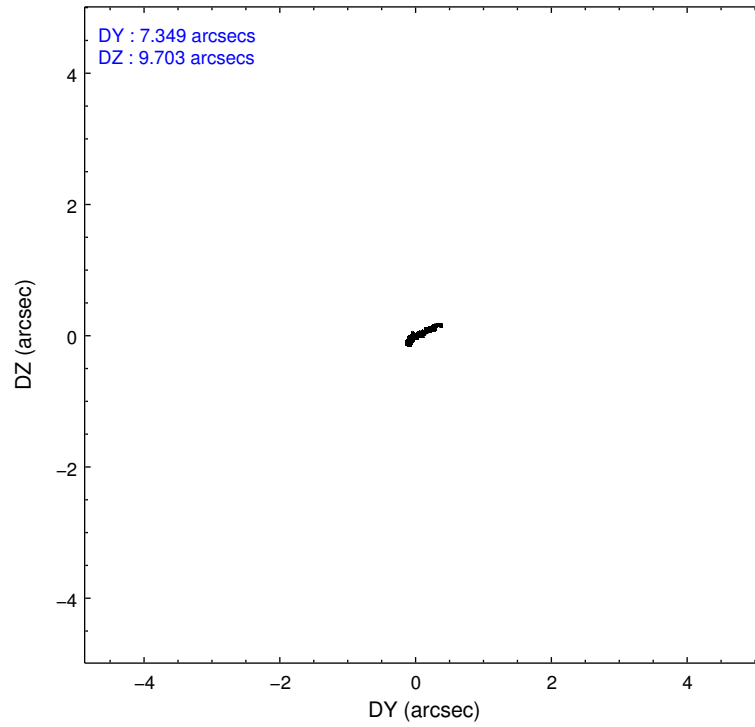
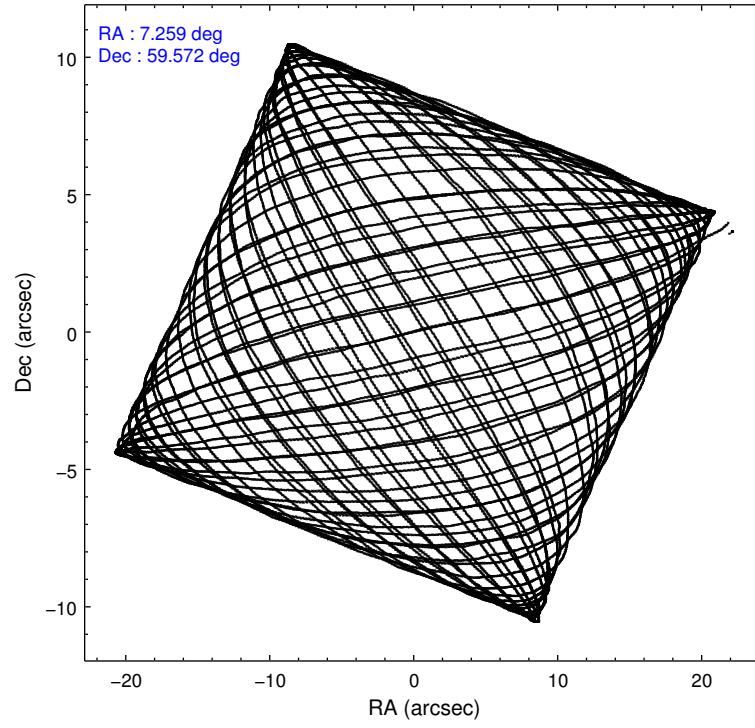
	ccd 7
level 1 events	40345
rejected events	22374
rejected %	55%

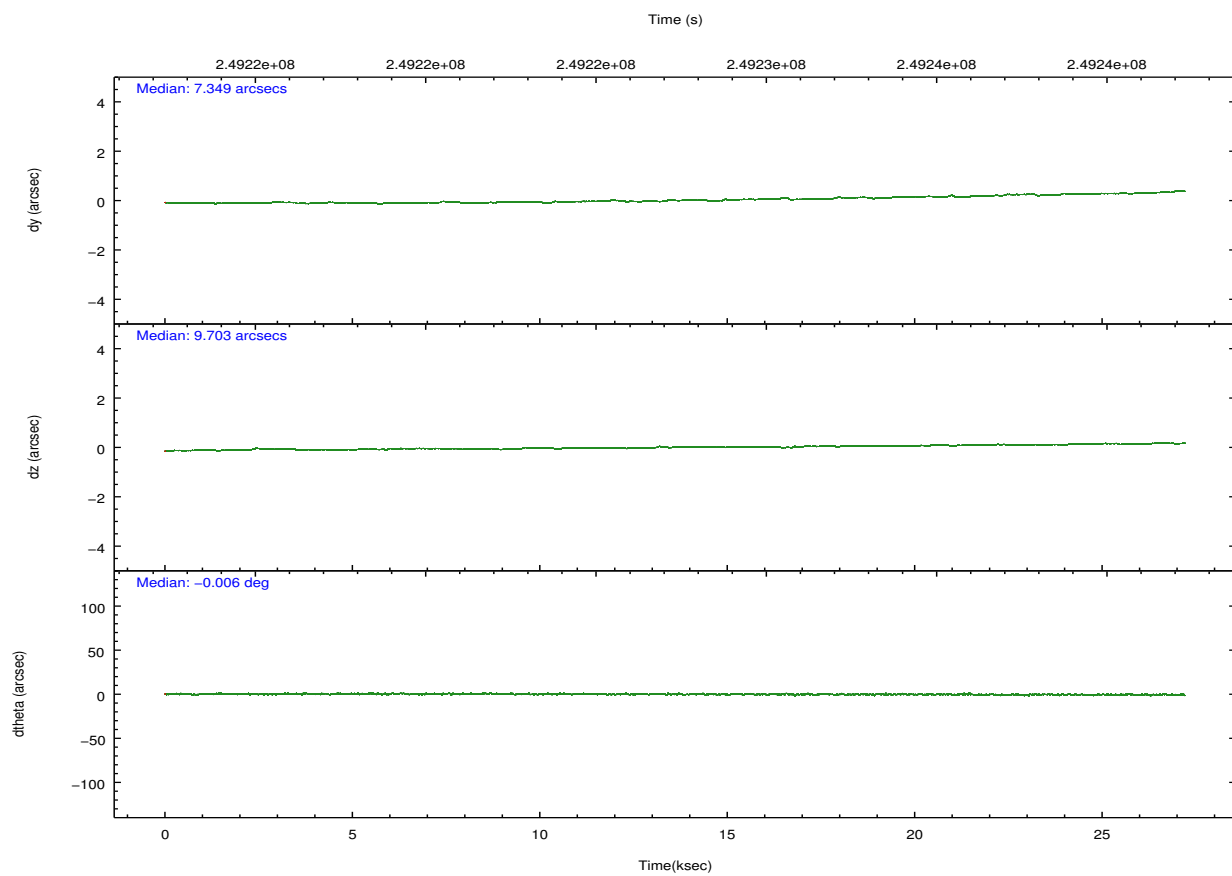
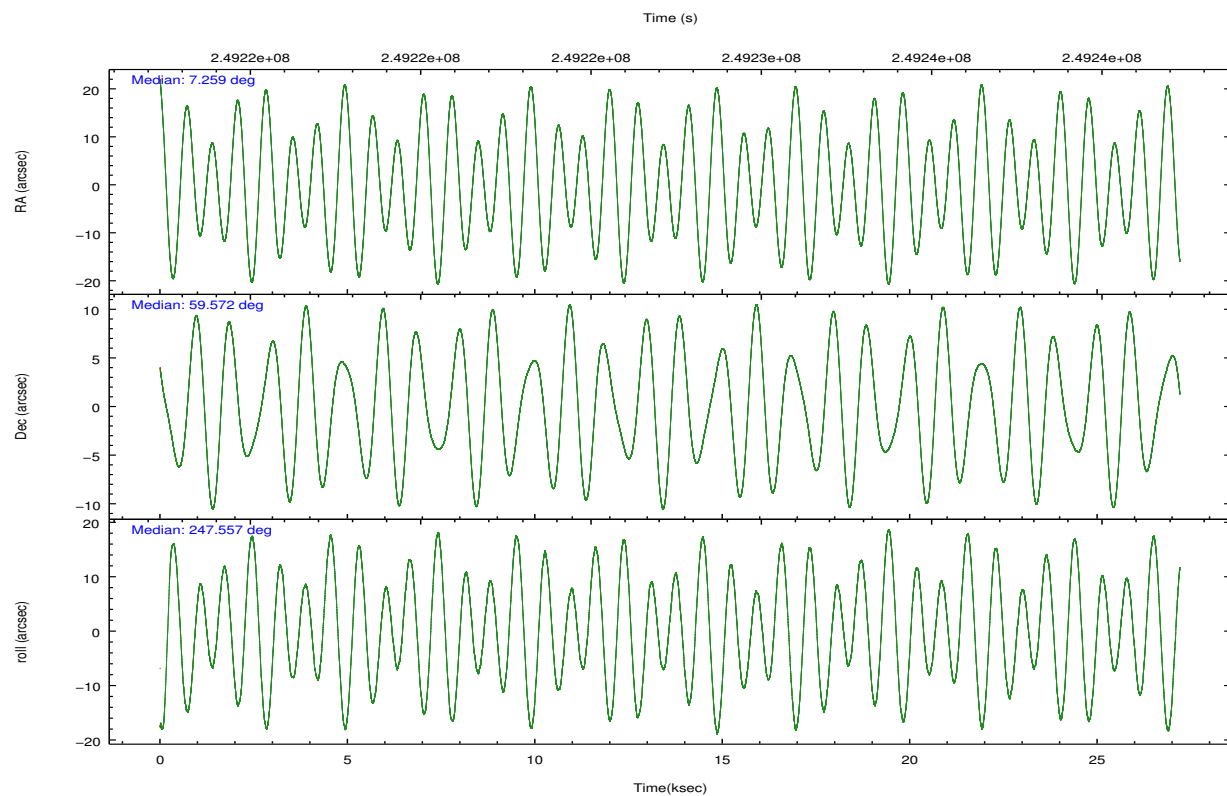
	ccd 7
grade 0 events	1806
	4%
grade 1 events	51
	0%
grade 2 events	3403
	8%
grade 3 events	2307
	5%
grade 4 events	2315
	5%
grade 5 events	3746
	9%
grade 6 events	8460
	20%
grade 7 events	18257
	45%

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	7.251116	7.258937109147871	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	59.598385	59.57142759037544	Subarray start row	449	449
[deg] Pointing Roll	247.410795	247.5606764420206	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)	249213903.184000	249213048.12821			
Observation start date	2005-11-24T10:03:59	2005-11-24T09:50:48			
[s] Observation end time (MET)	249240923.184000	249241149.01701			
Observation end date	2005-11-24T17:34:19	2005-11-24T17:39:09			
Read mode	TIMED	TIMED			

2.3 Aspect



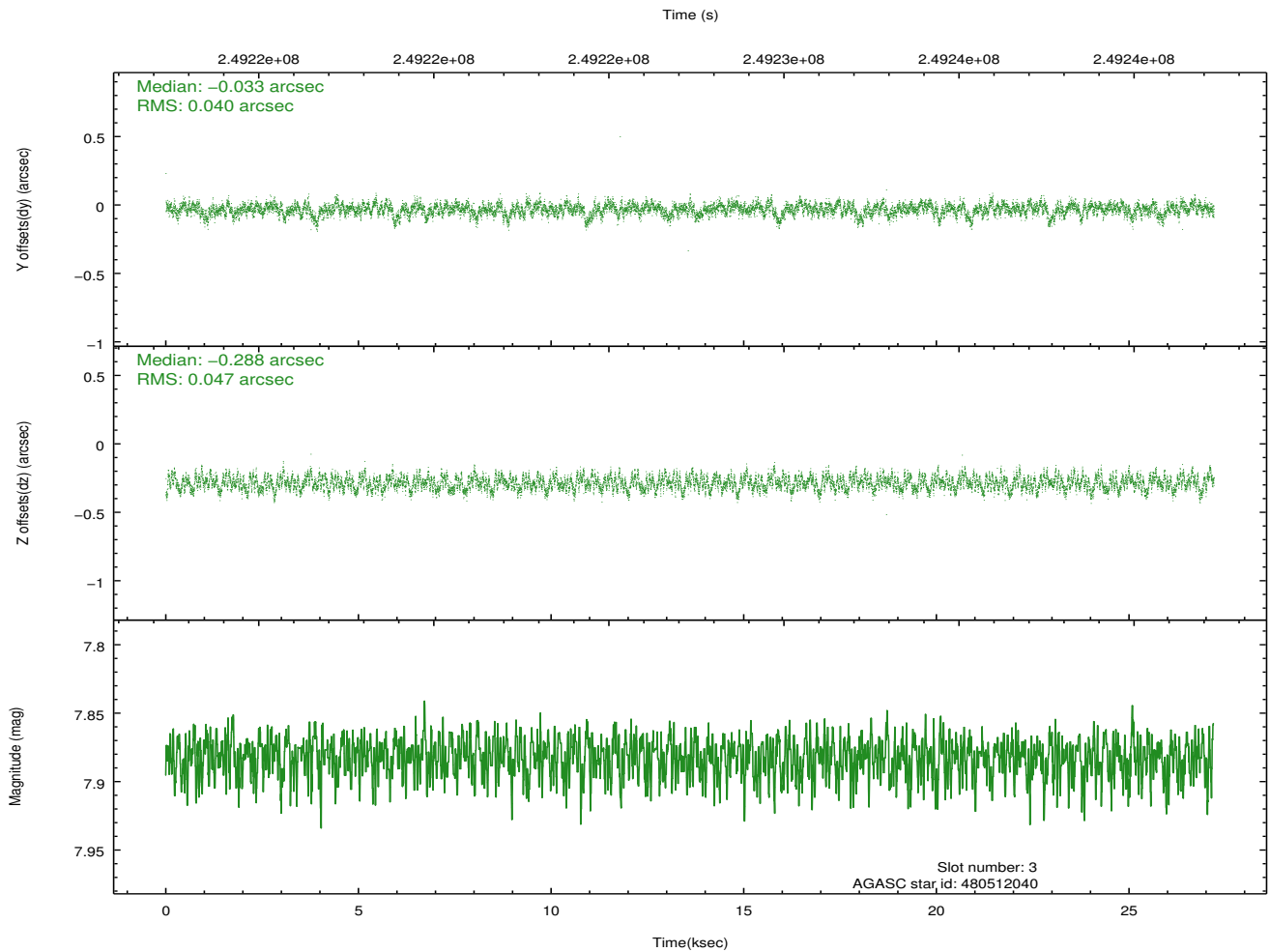
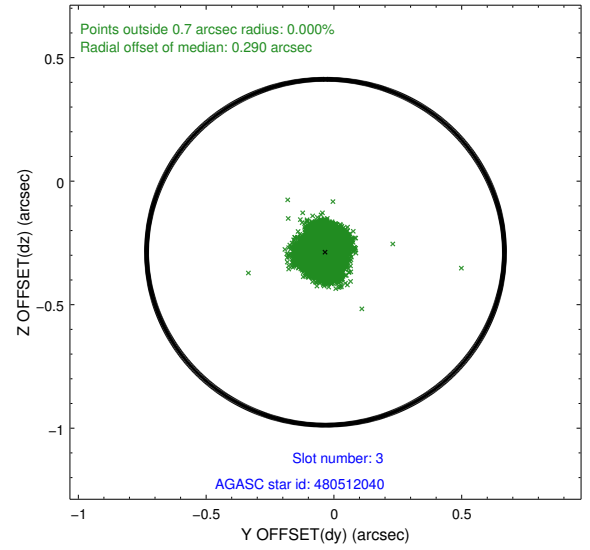
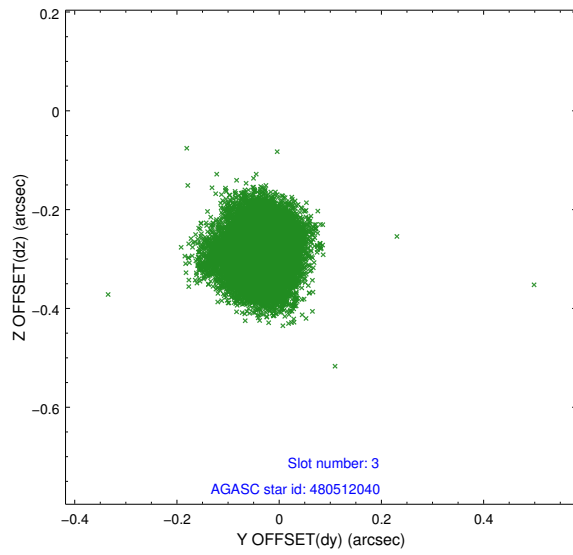


Slot Statistics

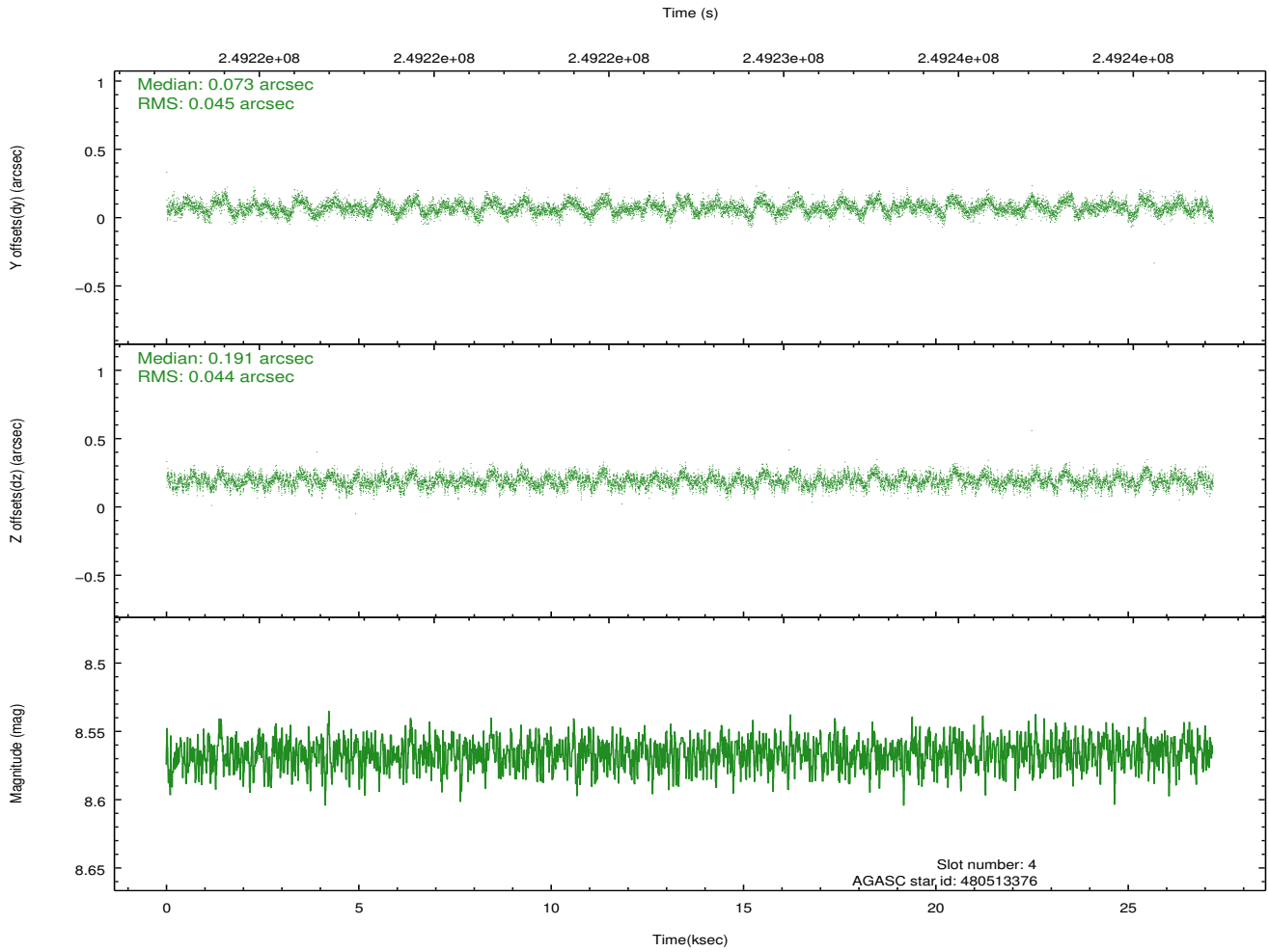
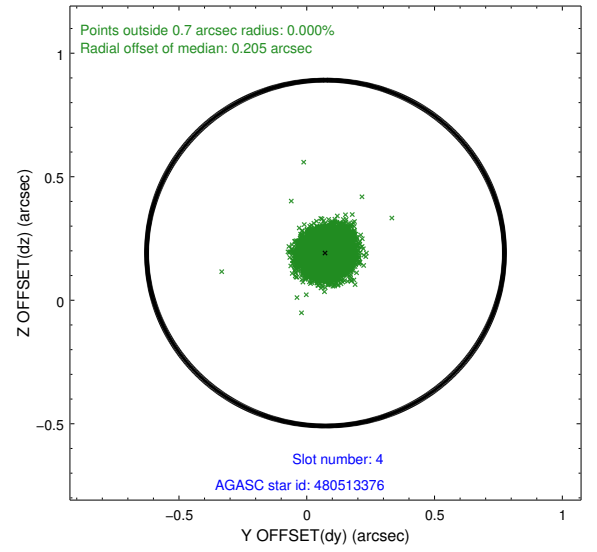
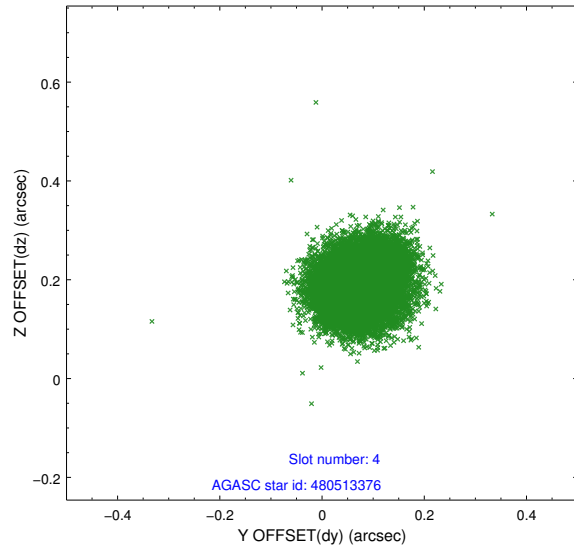
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	6636	0.042	-0.029	0.009	0.015	0.000000	0.000000	935.93	-1726.55
1	FID	ACIS-S-5	7.24	6636	-0.082	0.031	0.009	0.016	0.000000	0.000000	-1813.14	170.96
2	FID	ACIS-S-6	7.36	6636	0.019	0.010	0.010	0.017	0.000000	0.000000	401.35	815.01
3	GUIDE	480512040	7.88	13270	-0.033	-0.288	0.067	0.104	7.309429	59.469475	387.80	276.51
4	GUIDE	480513376	8.57	13267	0.073	0.191	0.068	0.107	7.508901	59.105688	1454.18	1121.29
5	GUIDE	526280320	8.99	13259	0.096	0.025	0.138	0.214	6.438381	60.009492	-812.25	-1922.10
6	GUIDE	526273864	8.95	13266	-0.069	-0.049	0.095	0.146	6.758235	60.402814	-2340.81	-1922.58
7	GUIDE	526276608	8.60	13264	-0.087	0.127	0.069	0.110	7.524994	60.151139	-2026.55	-311.75

2.4 Star Slots

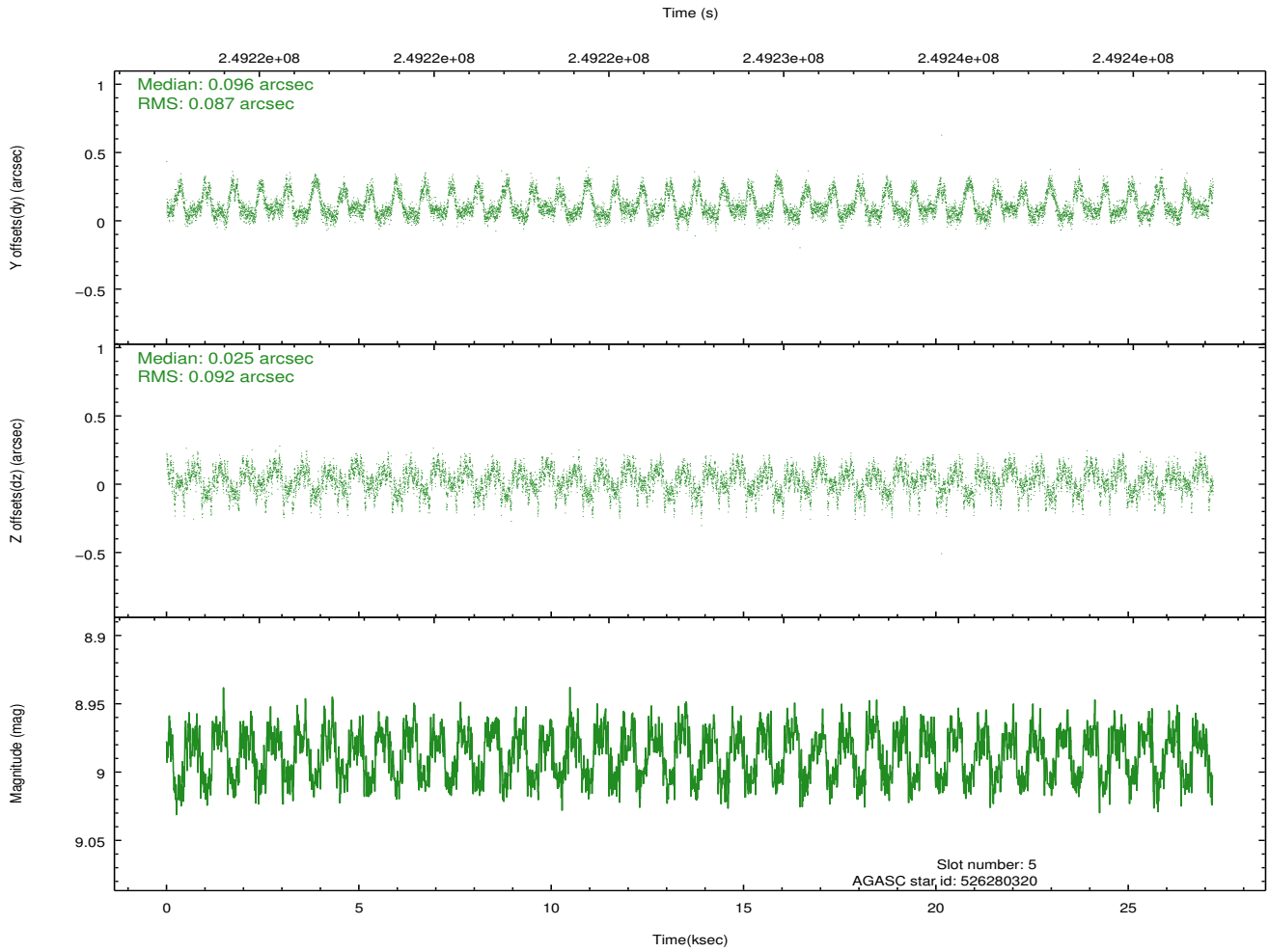
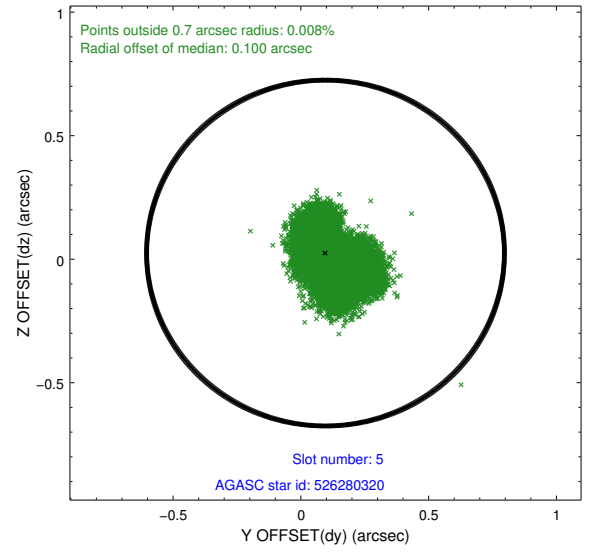
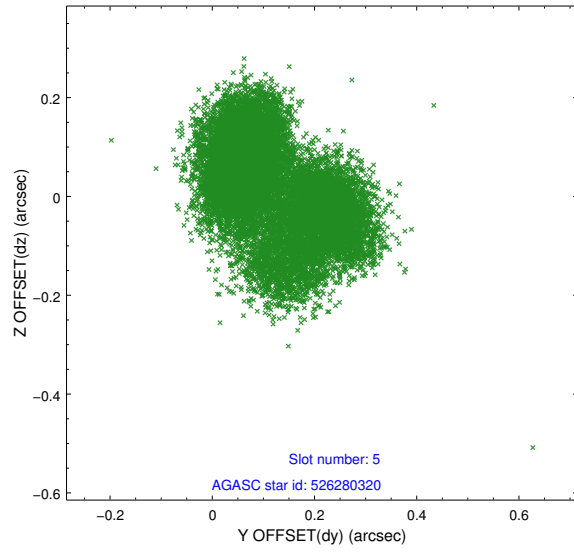
2.4.1 Slot 3



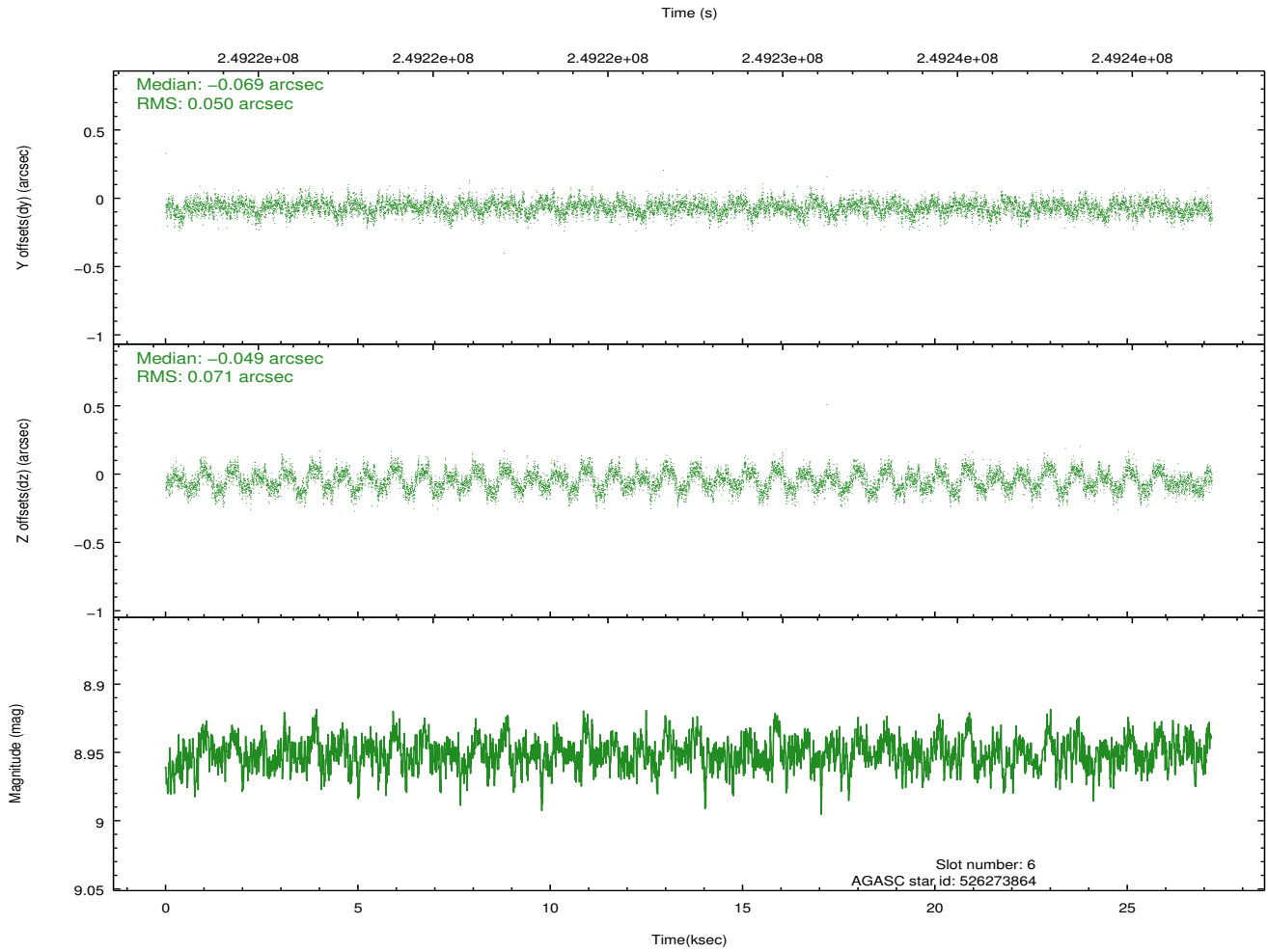
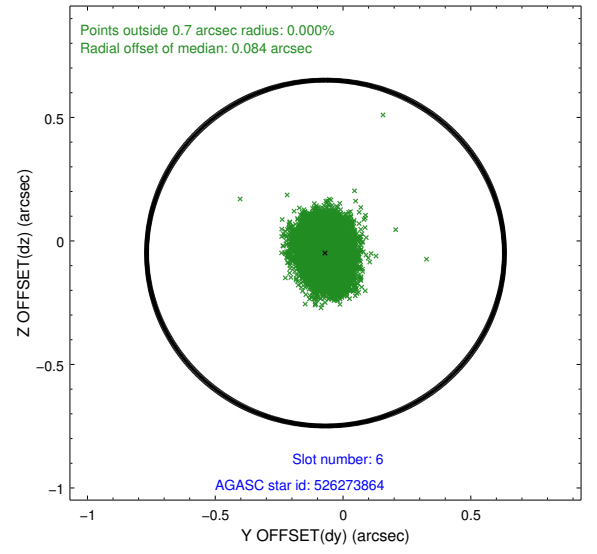
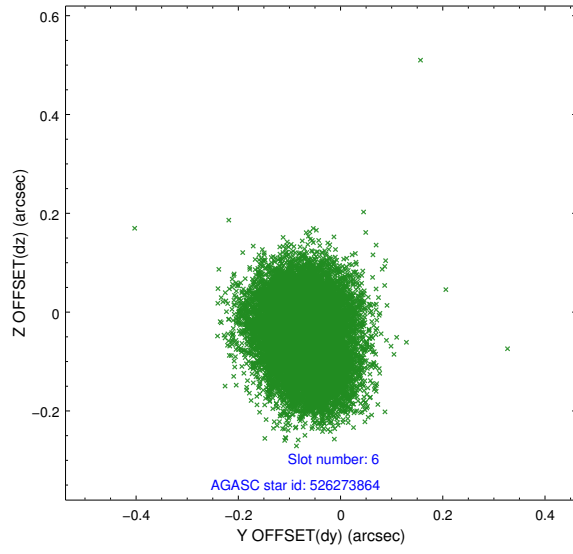
2.4.2 Slot 4



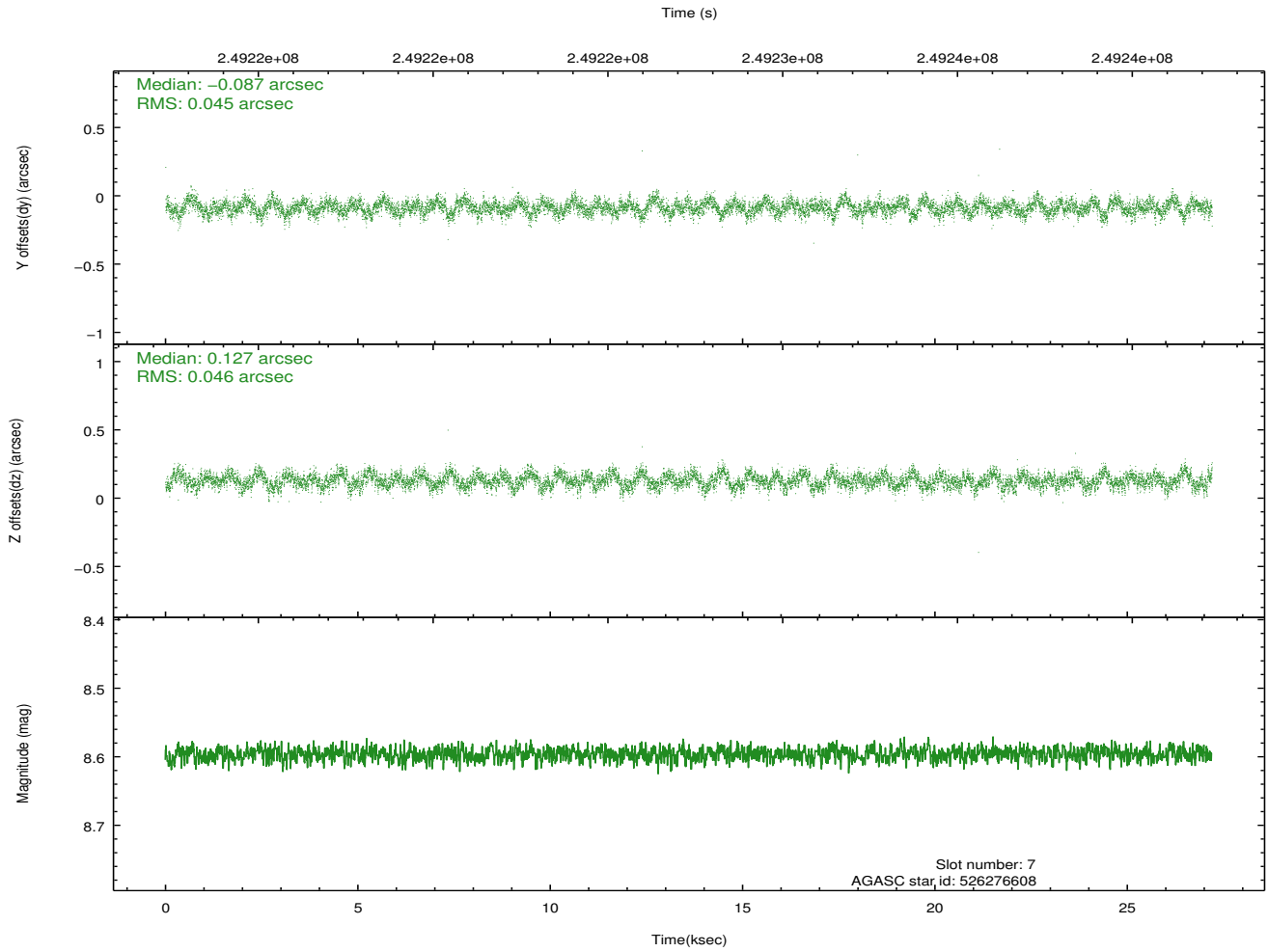
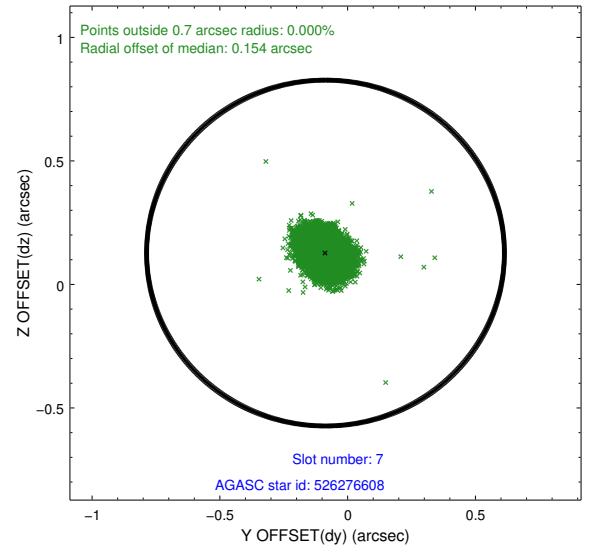
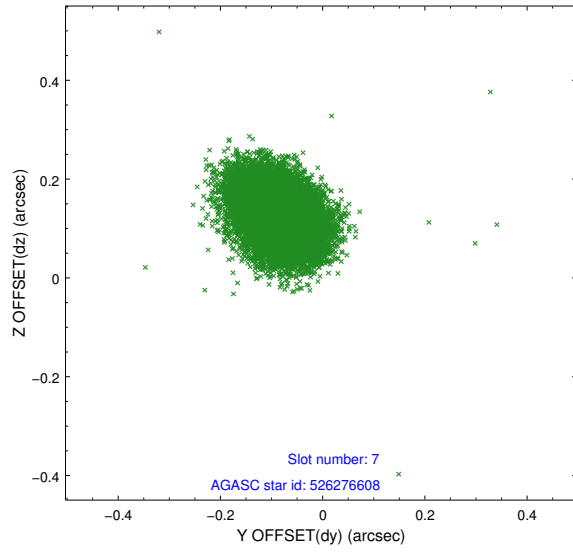
2.4.3 Slot 5



2.4.4 Slot 6

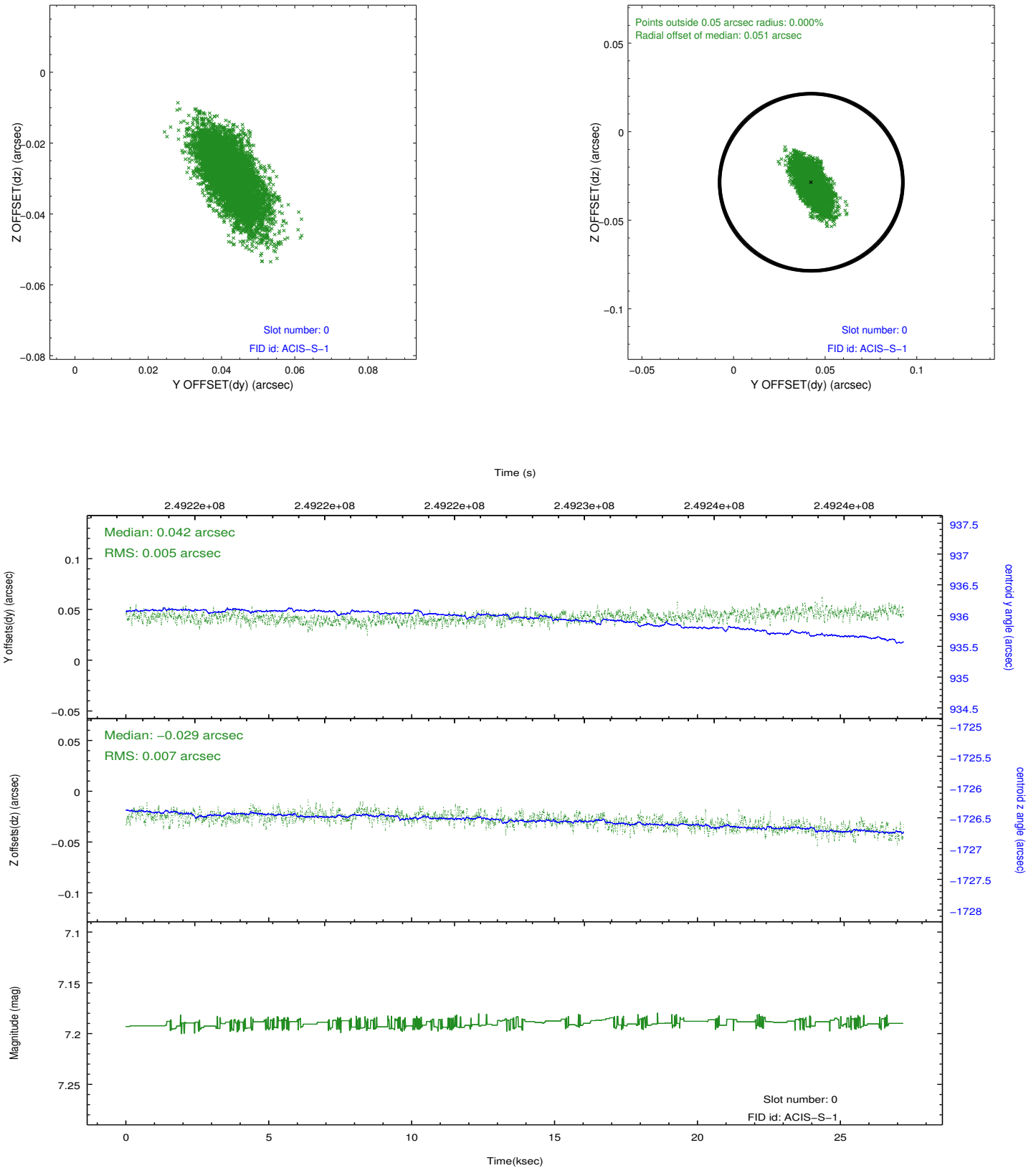


2.4.5 Slot 7

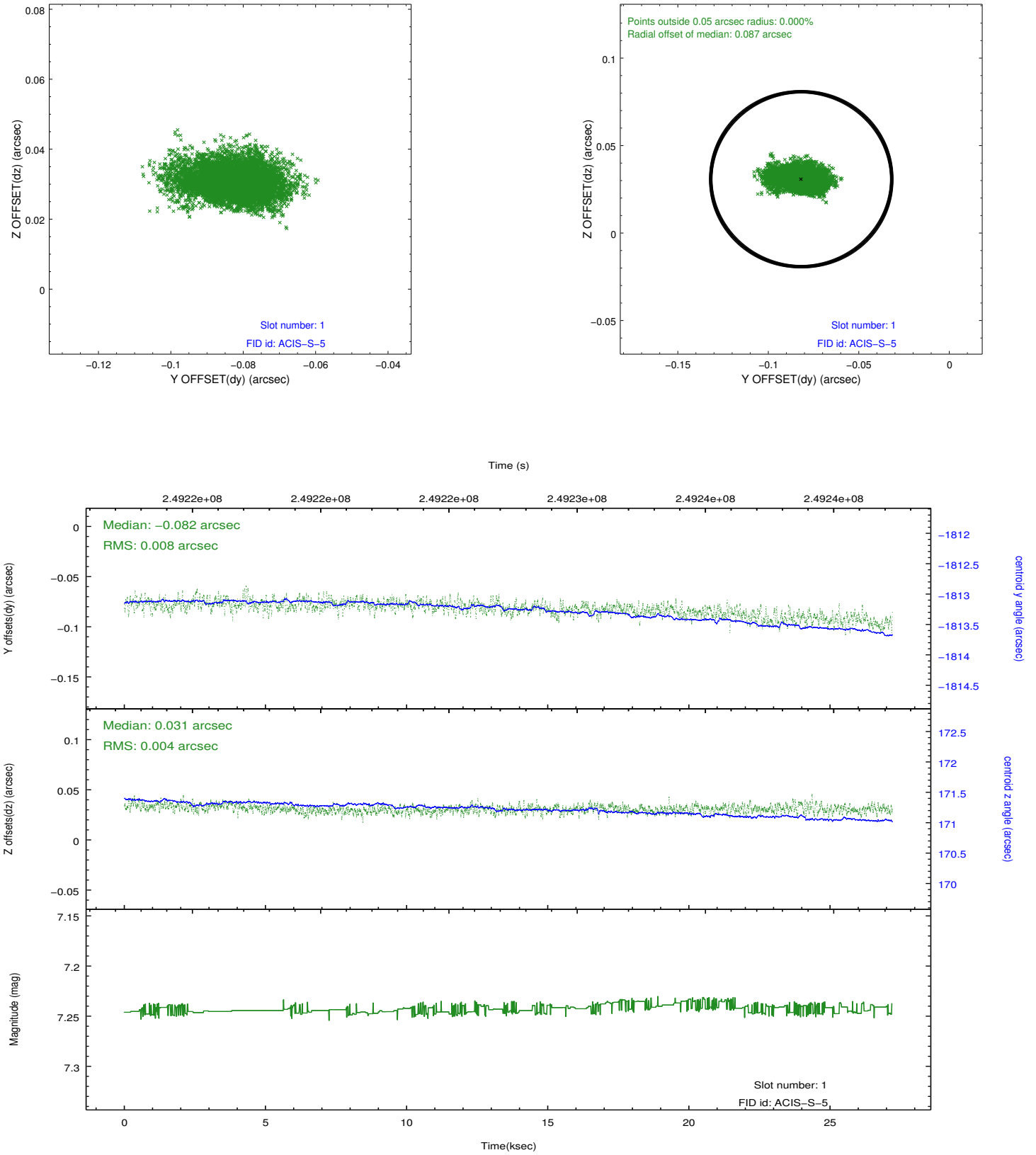


2.5 FID Slots

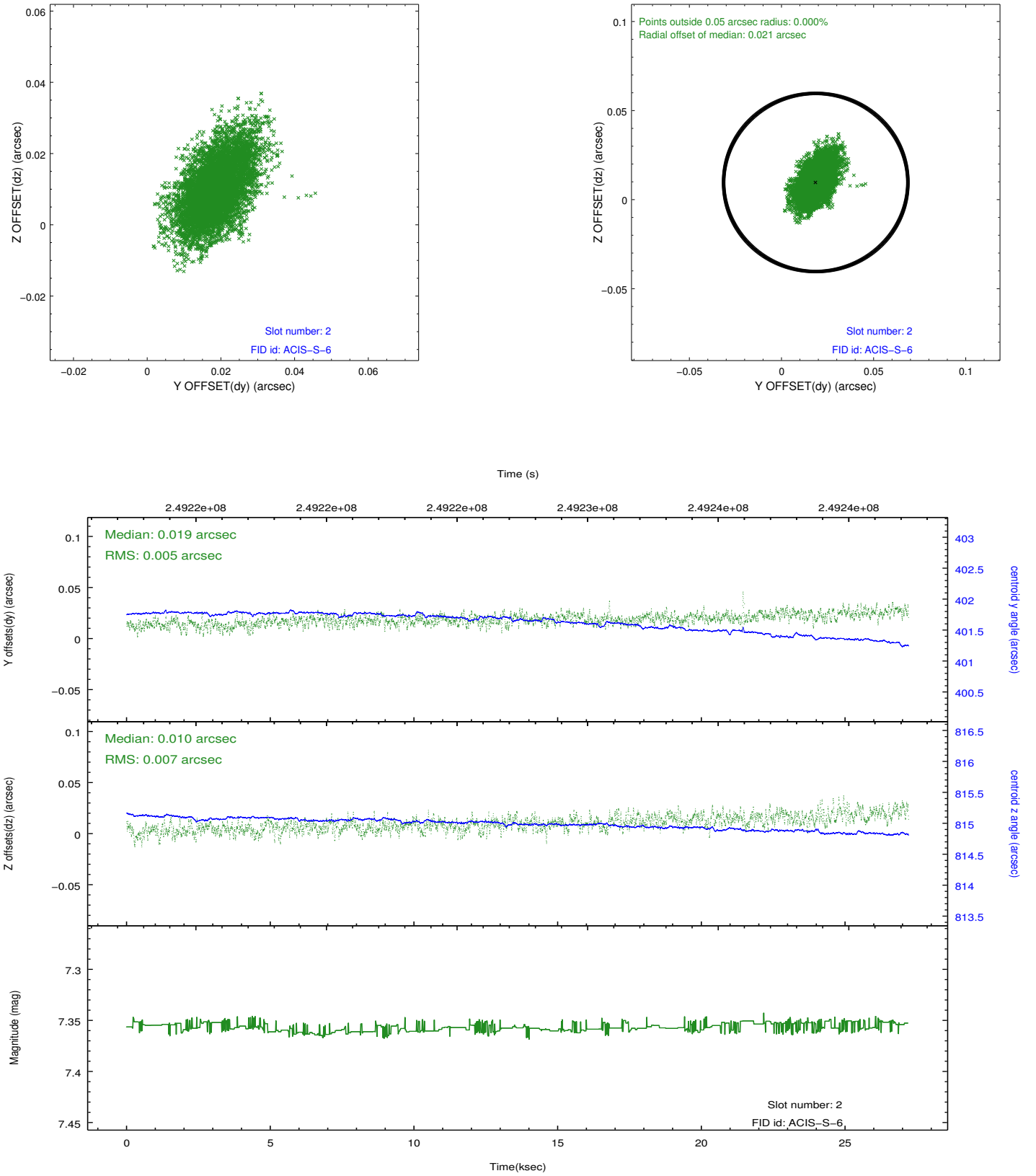
2.5.1 Slot 0



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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.2028

A.2 Comments