

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3120 - L2 Version 3
Chandra X-Ray Center

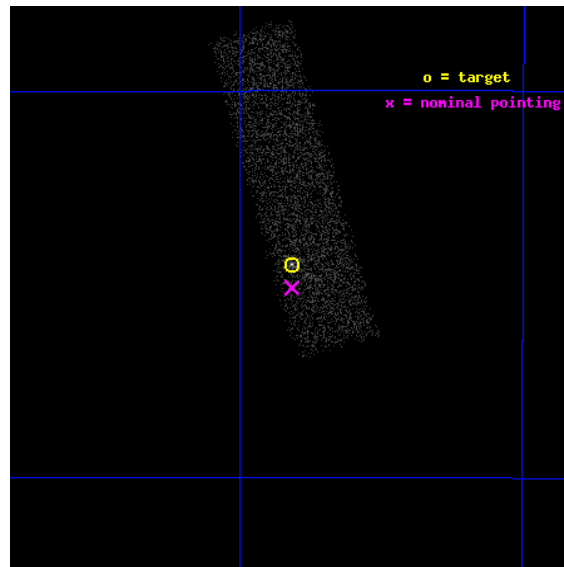
L2 Processing Date : Oct 11 2012

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1 Front

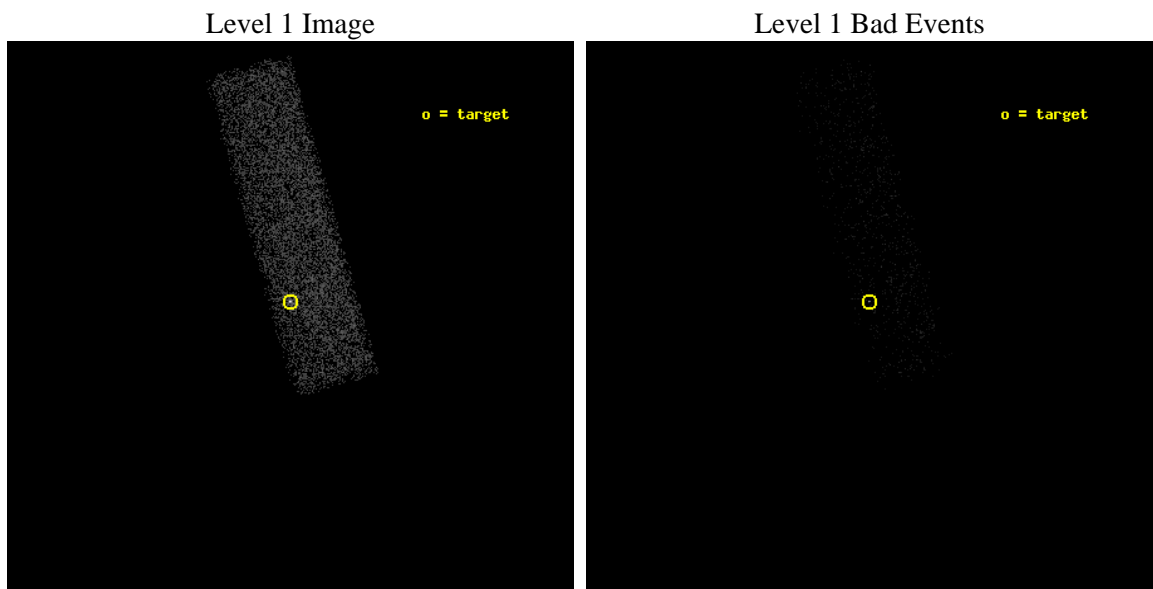
seq_num	700559	Sequence number
obs_id	3120	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	1343-601	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	206.704167	Observer's specified target RA [deg]
dec_targ	-60.408333	Observer's specified target Dec [deg]
ra_nom	206.7043114619	Nominal RA [deg]
dec_nom	-60.418213639751	Nominal Dec [deg]
roll_nom	254.11630557757	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5160.00007689	Sum of GTIs [s]
livetime	4908.2089573766	Livetime [s]
ontime7	5160.00007689	Sum of GTIs [s]
l2events	7585	Number of level 2 events



2 OBI

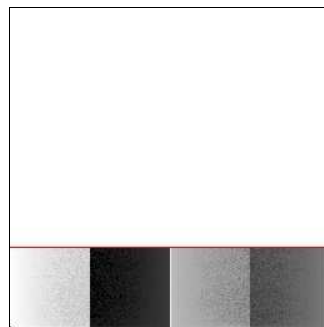
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5160.00007689	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5160.00007689	Sum of GTIs [s]
date	2012-10-11T19:30:14	Date and time of file creation	l1events	16017	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	16017
rejected events	8315
rejected %	51%

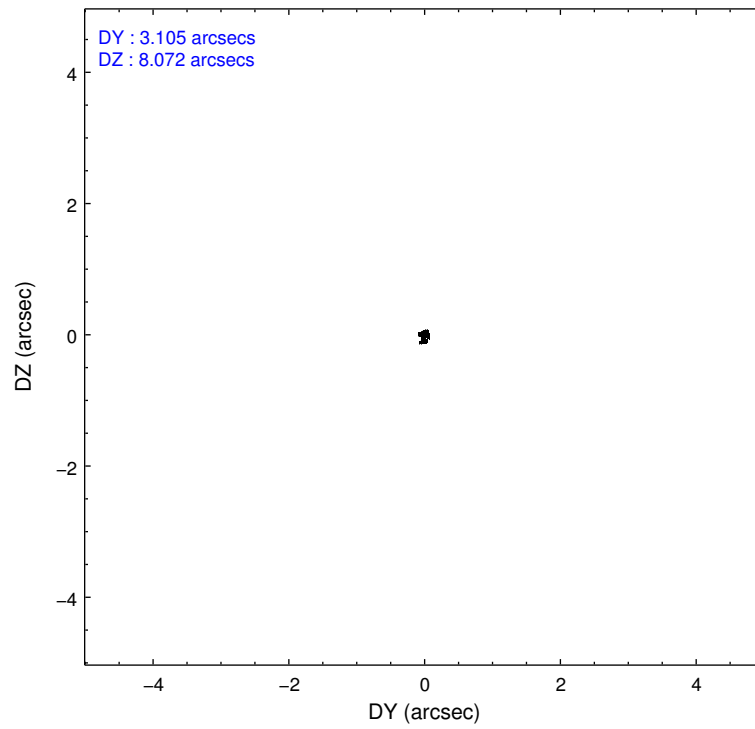
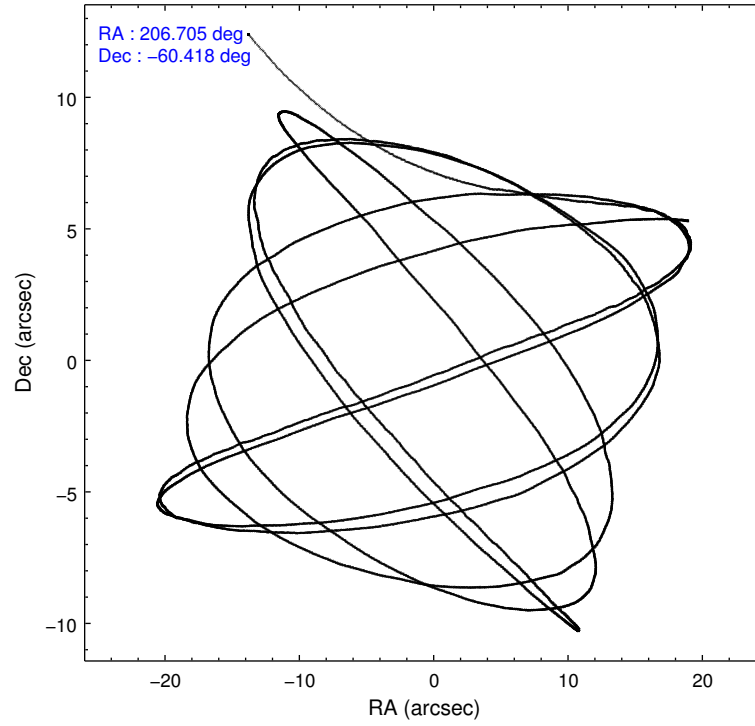
	ccd 7
grade 0 events	999
	6%
grade 1 events	15
	0%
grade 2 events	1781
	11%
grade 3 events	945
	5%
grade 4 events	929
	5%
grade 5 events	1231
	7%
grade 6 events	4106
	25%
grade 7 events	6011
	37%

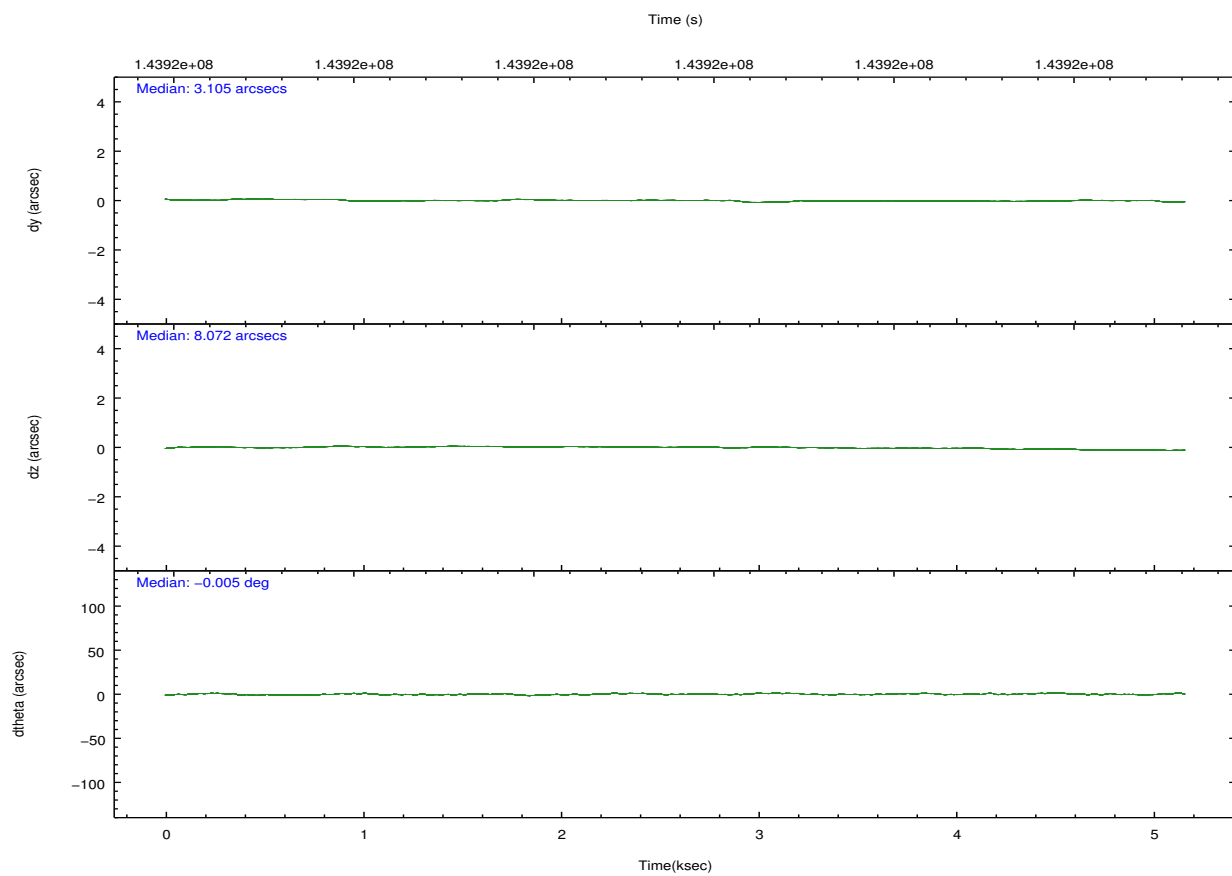
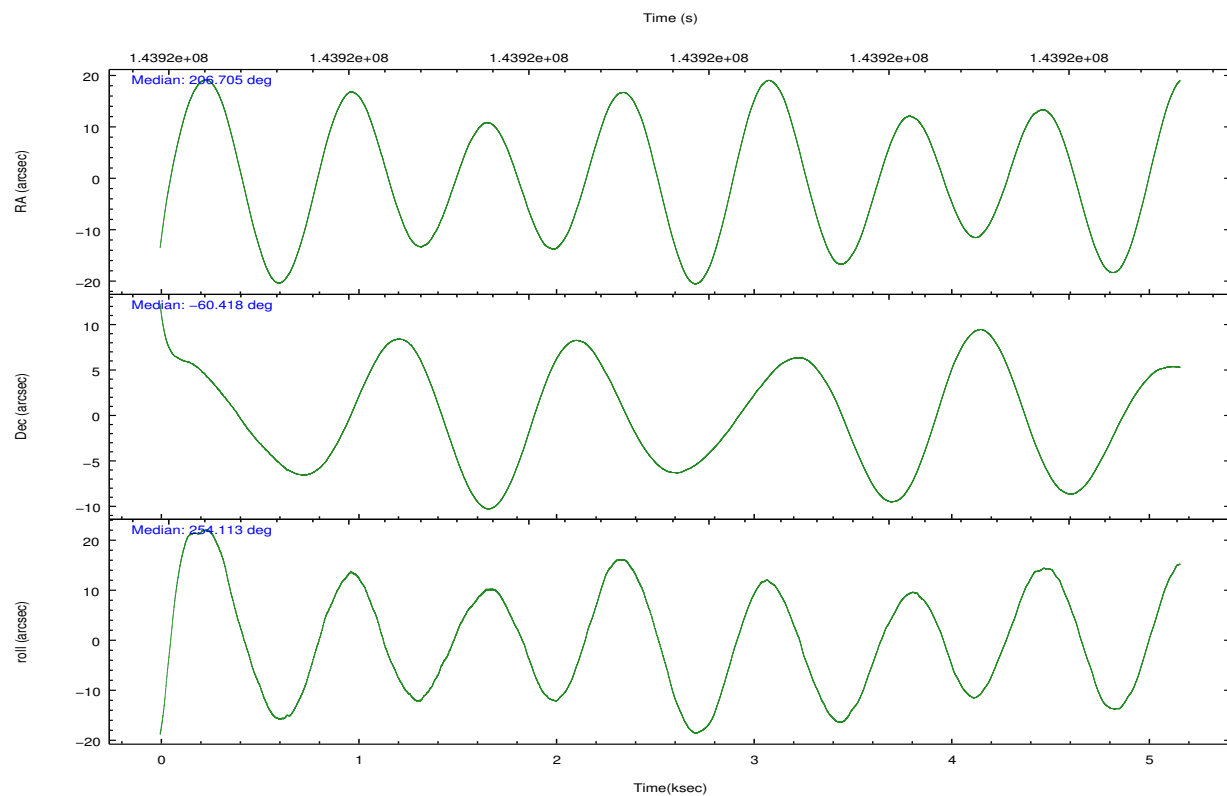
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	206.690068	206.7043114618993
[deg] Pointing Dec	-60.391947	-60.41821363975111
[deg] Pointing Roll	253.947313	254.116305577567
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-178.632523	-178.6370735452349
[mm] SIM translation stage offset	-11.5	-11.49544903777291
[s] Observation start time (MET)	143916363.184000	143915277.318
Observation start date	2002-07-24T16:44:59	2002-07-24T16:27:57
[s] Observation end time (MET)	143921363.184000	143921917.78077
Observation end date	2002-07-24T18:08:19	2002-07-24T18:18:37
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/4
Subarray start row	1	1
Subarray row count	256	256
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.8

2.3 Aspect



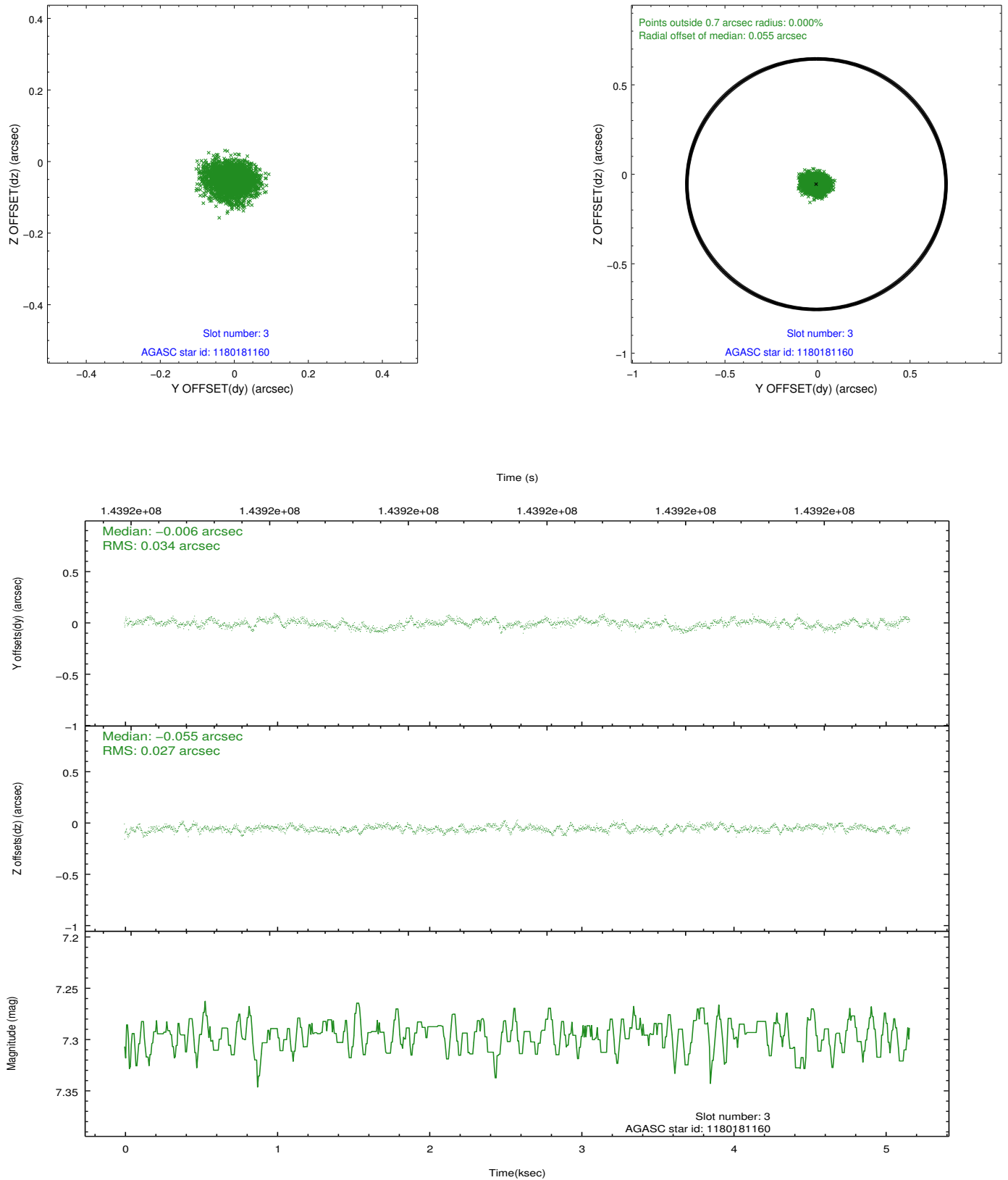


Slot Statistics

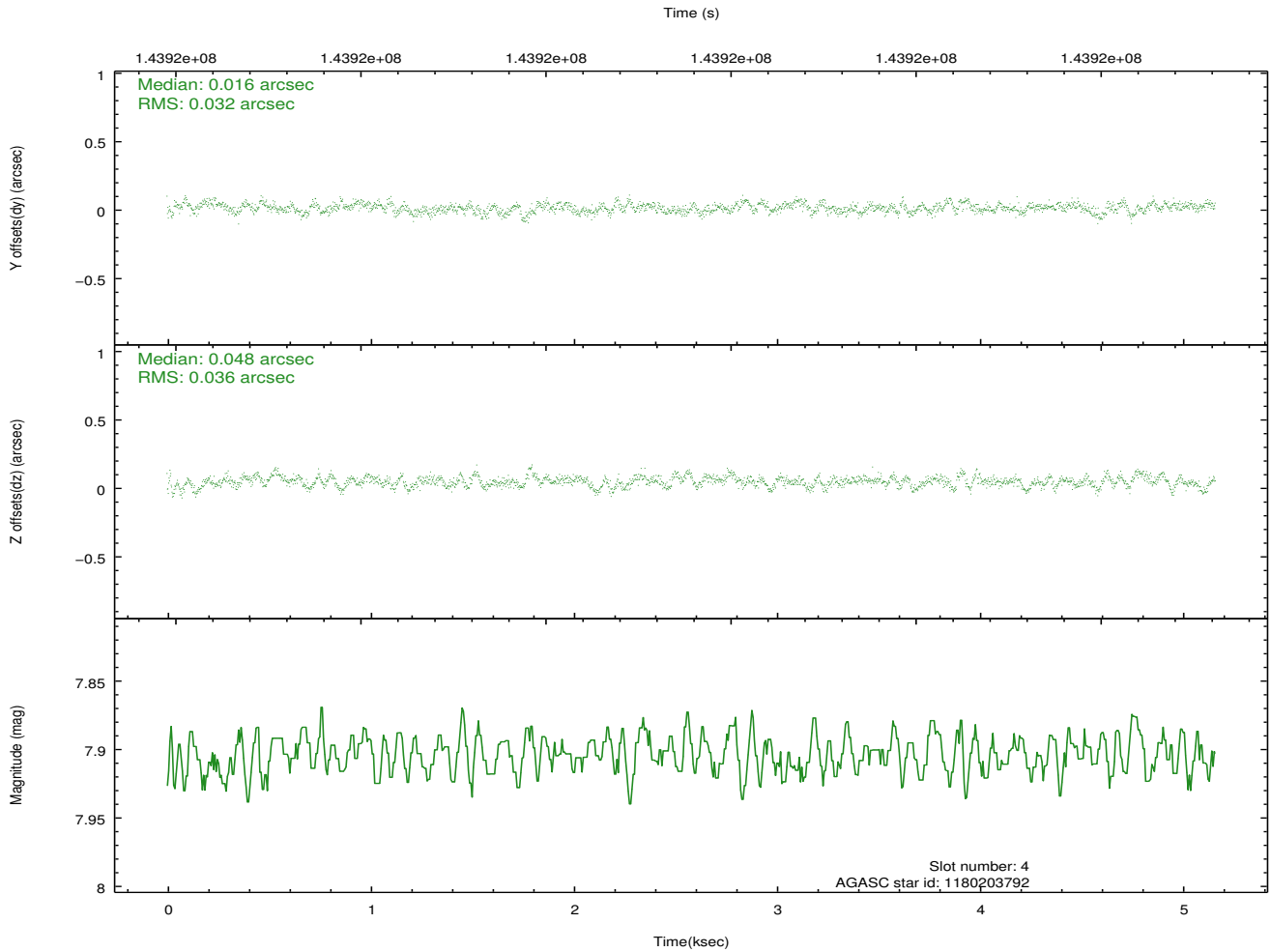
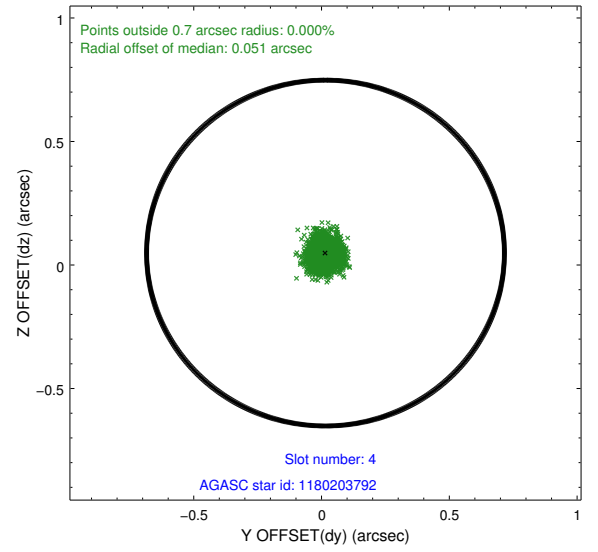
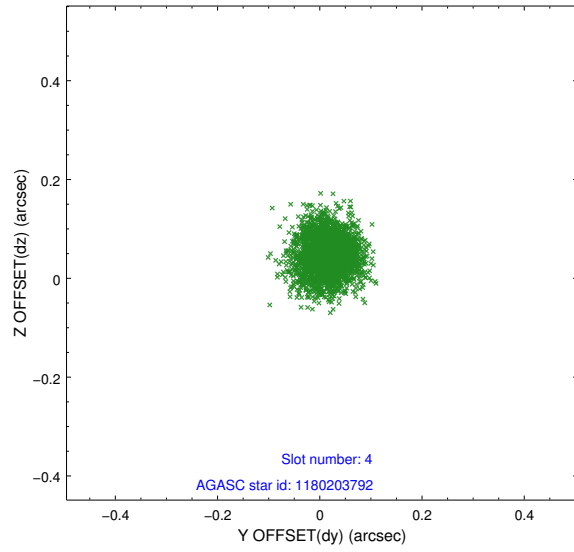
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.08	1259	-0.079	-0.316	0.009	0.015	0.000000	0.000000	-754.92	-1966.23
1	FID	ACIS-S-4	7.16	1259	-0.003	0.122	0.013	0.022	0.000000	0.000000	2157.85	-58.65
2	FID	ACIS-S-5	7.22	1259	0.051	0.201	0.009	0.016	0.000000	0.000000	-1806.17	-63.67
3	GUIDE	1180181160	7.29	2519	-0.006	-0.055	0.046	0.075	207.035630	-60.809031	1278.26	998.03
4	GUIDE	1180203792	7.90	2518	0.016	0.048	0.052	0.084	207.312530	-60.752552	951.87	1412.31
5	GUIDE	1180181872	7.94	2519	-0.089	0.039	0.053	0.084	208.024079	-60.001169	-1990.83	1924.86
6	GUIDE	1180176976	8.49	2513	-0.125	-0.014	0.068	0.109	206.506529	-60.027679	-1167.72	-679.81
7	GUIDE	1180182952	9.64	2513	0.202	-0.021	0.101	0.181	206.292498	-60.832927	1721.91	-231.68

2.4 Star Slots

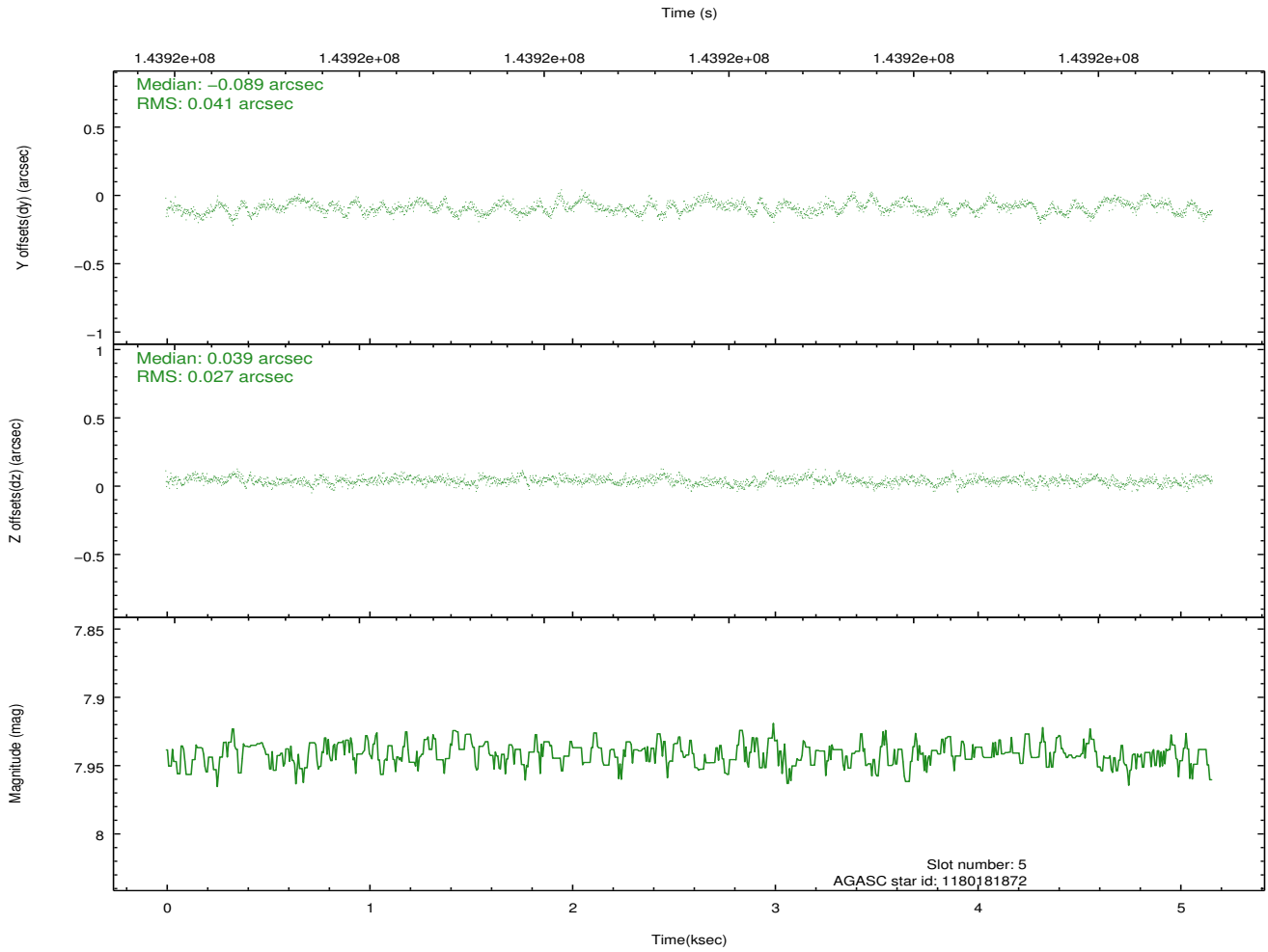
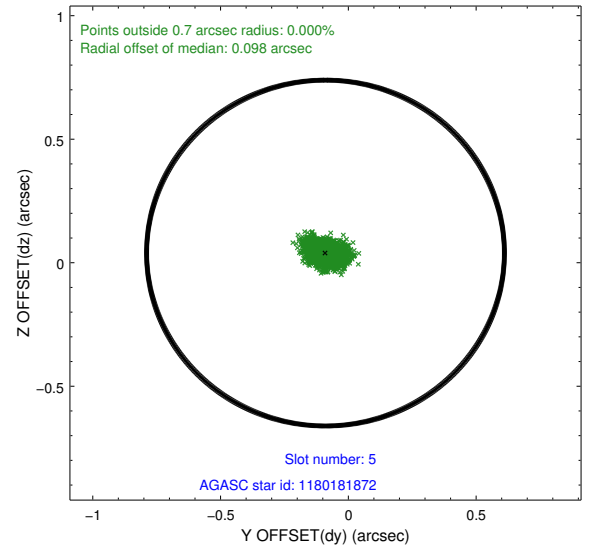
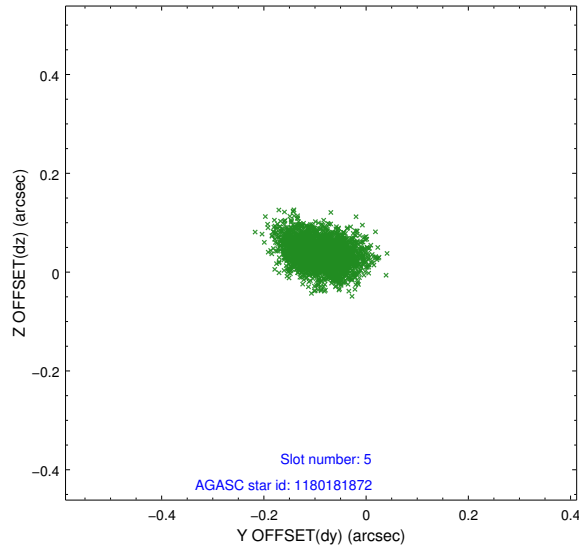
2.4.1 Slot 3



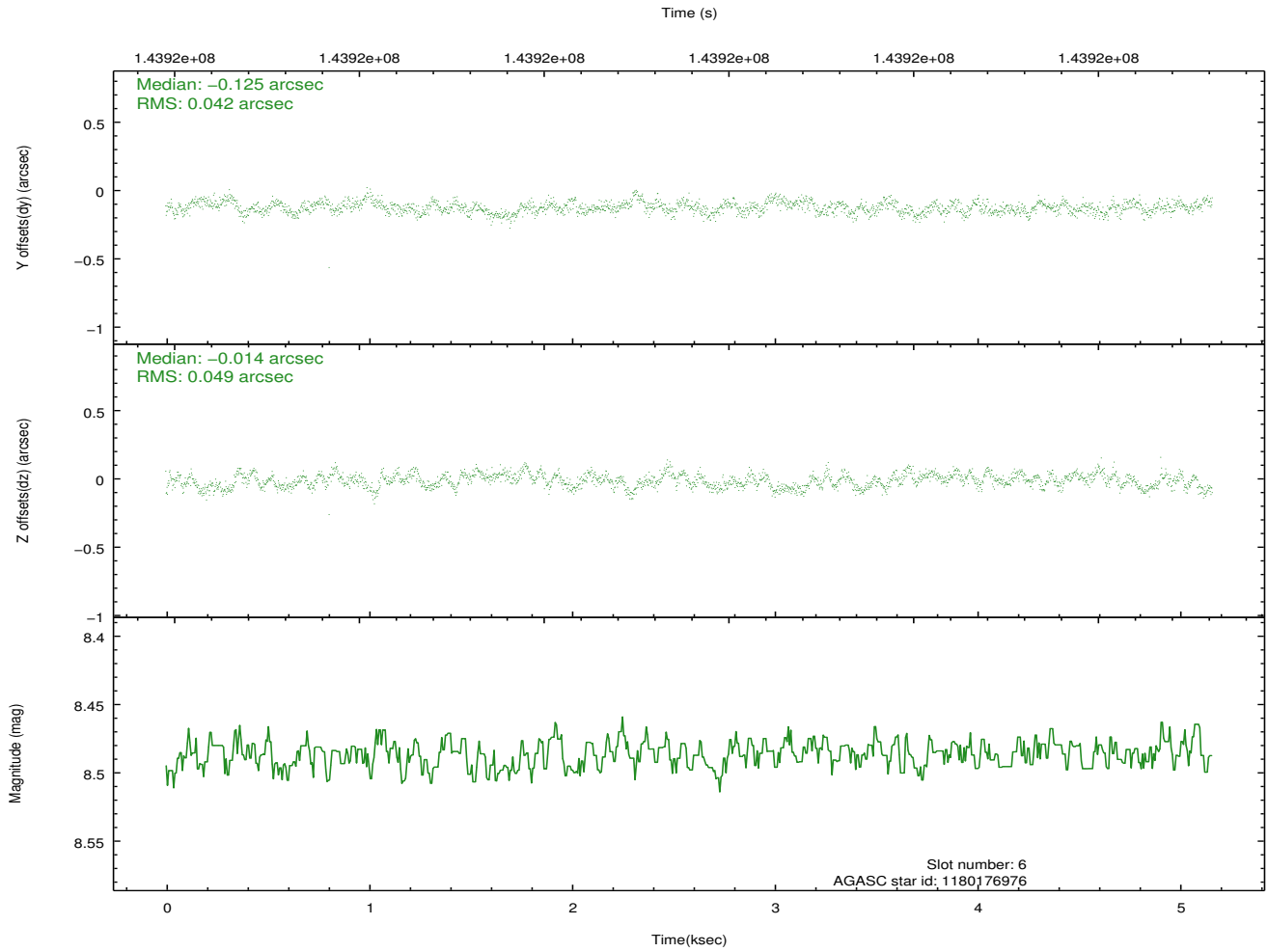
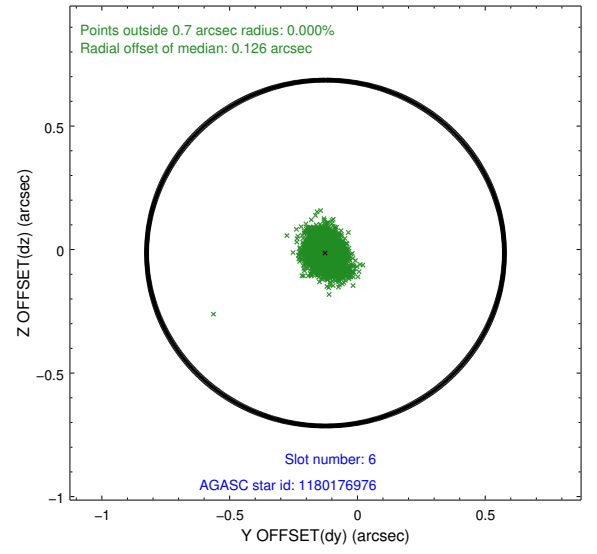
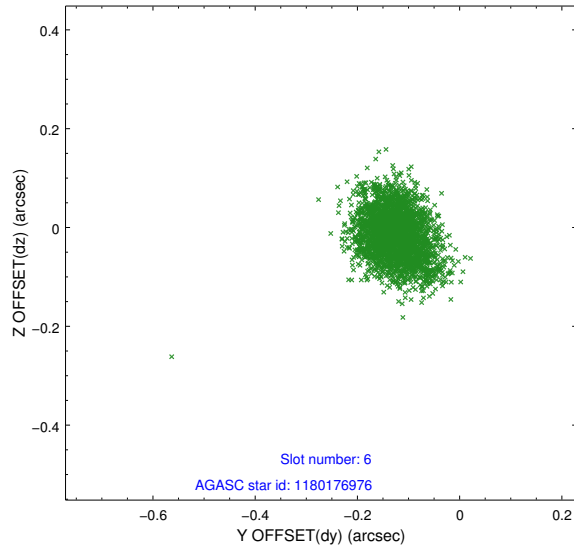
2.4.2 Slot 4



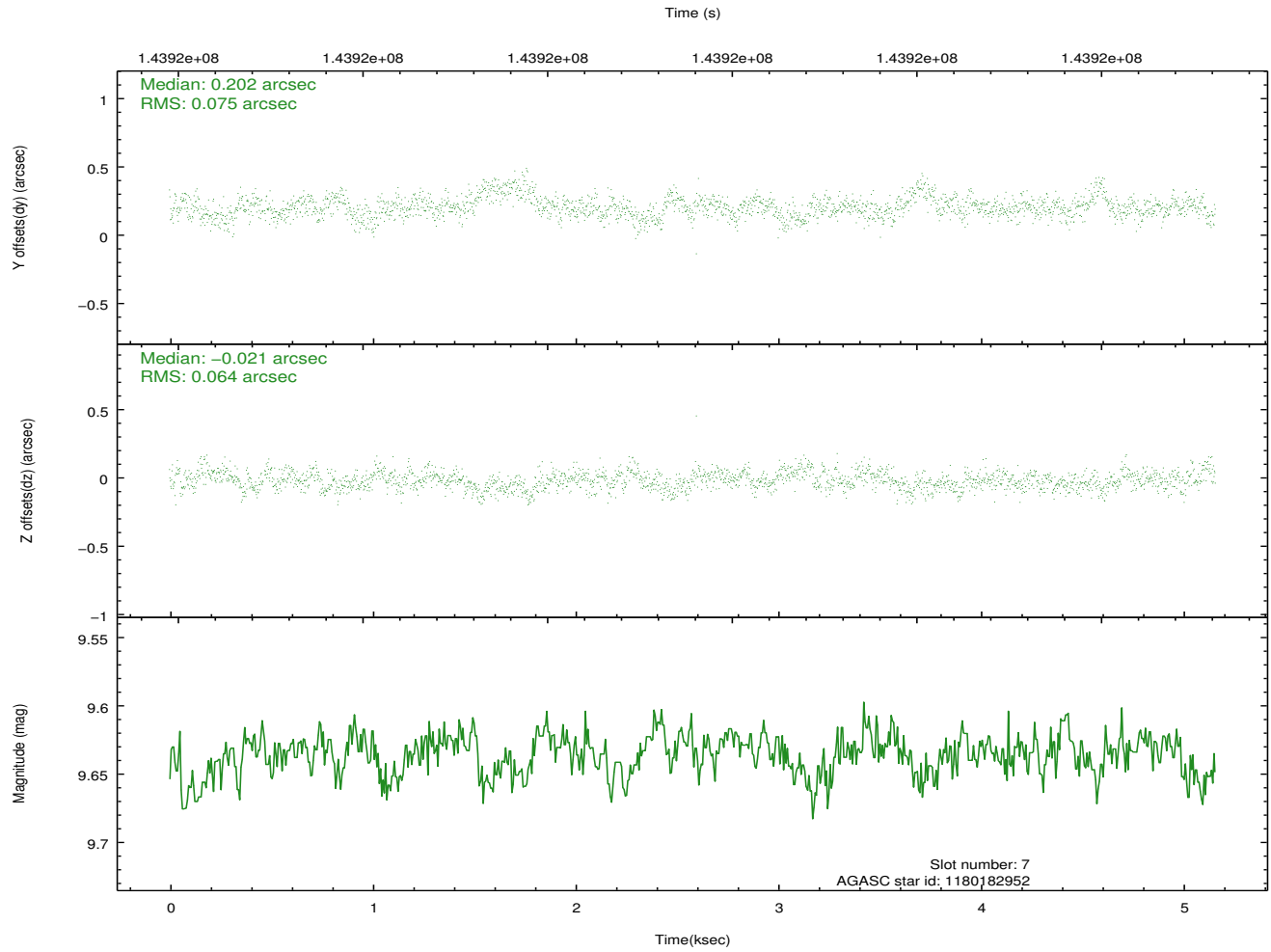
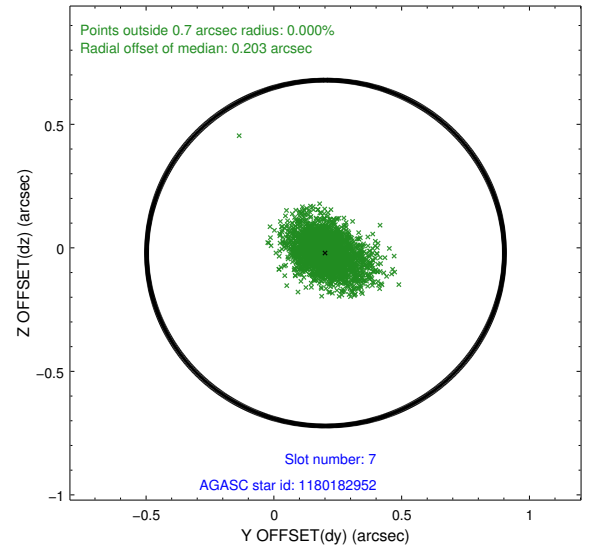
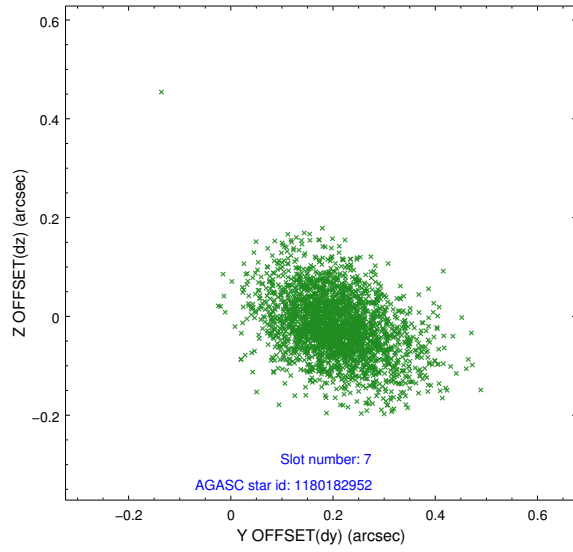
2.4.3 Slot 5



2.4.4 Slot 6

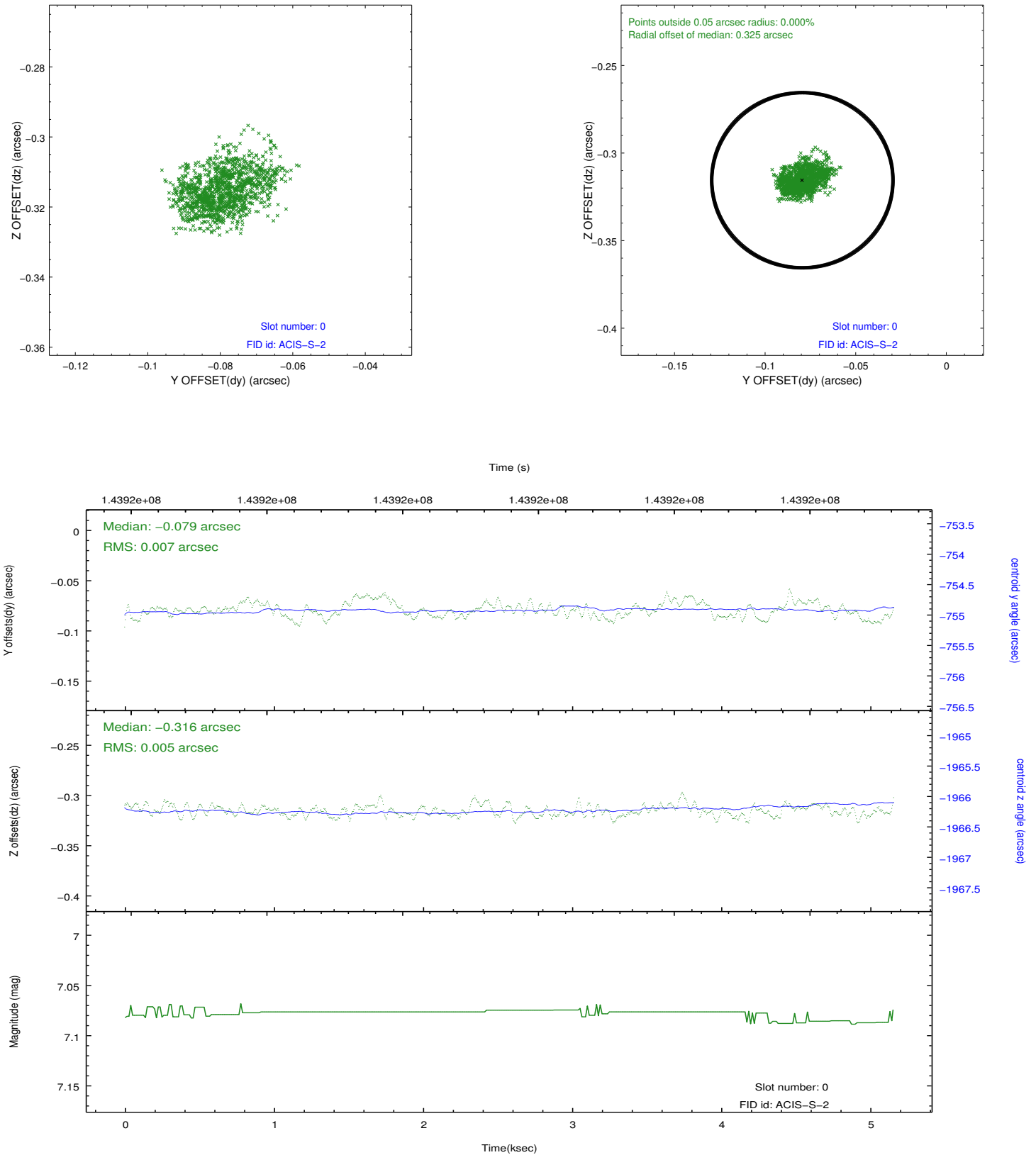


2.4.5 Slot 7

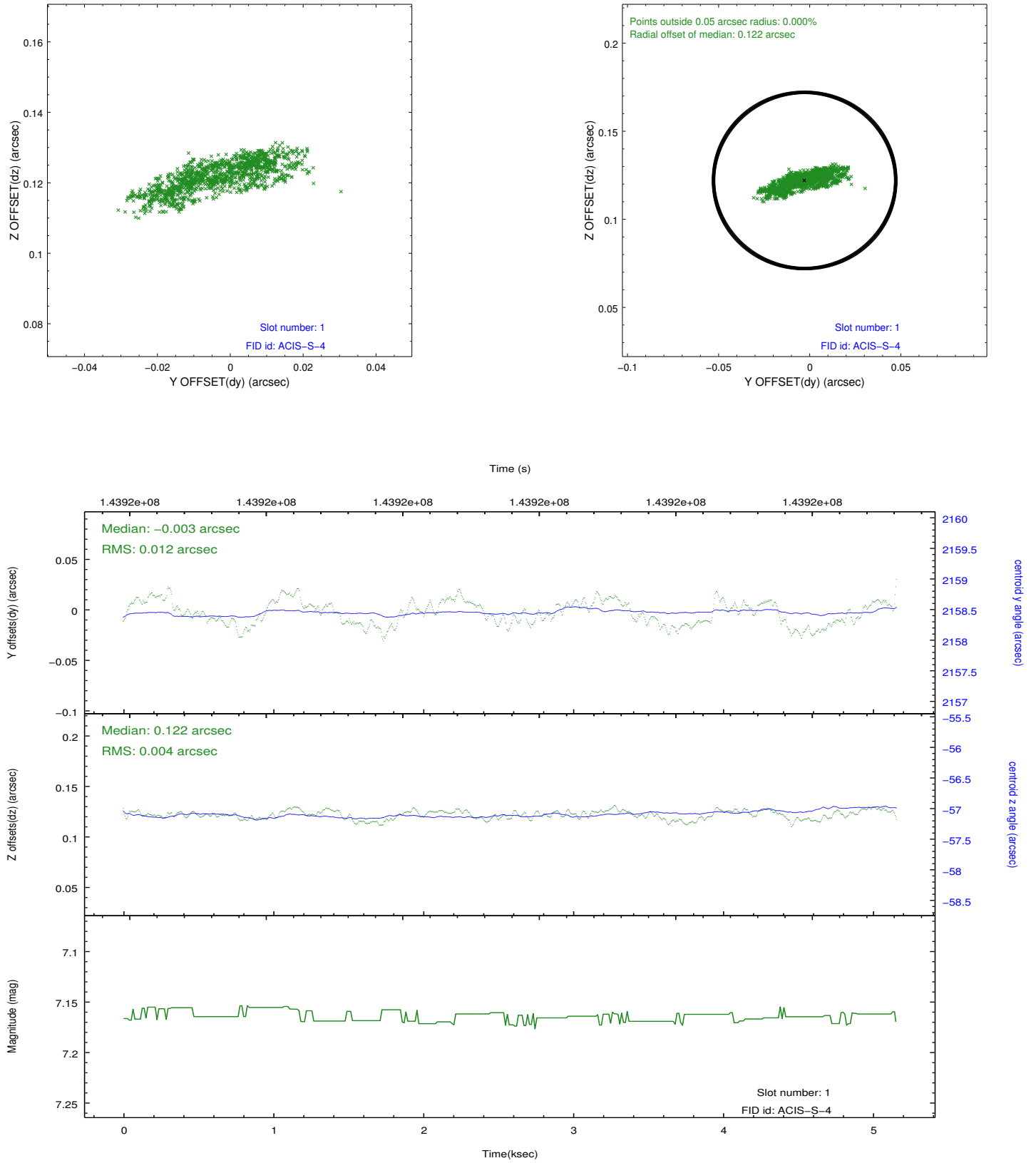


2.5 FID Slots

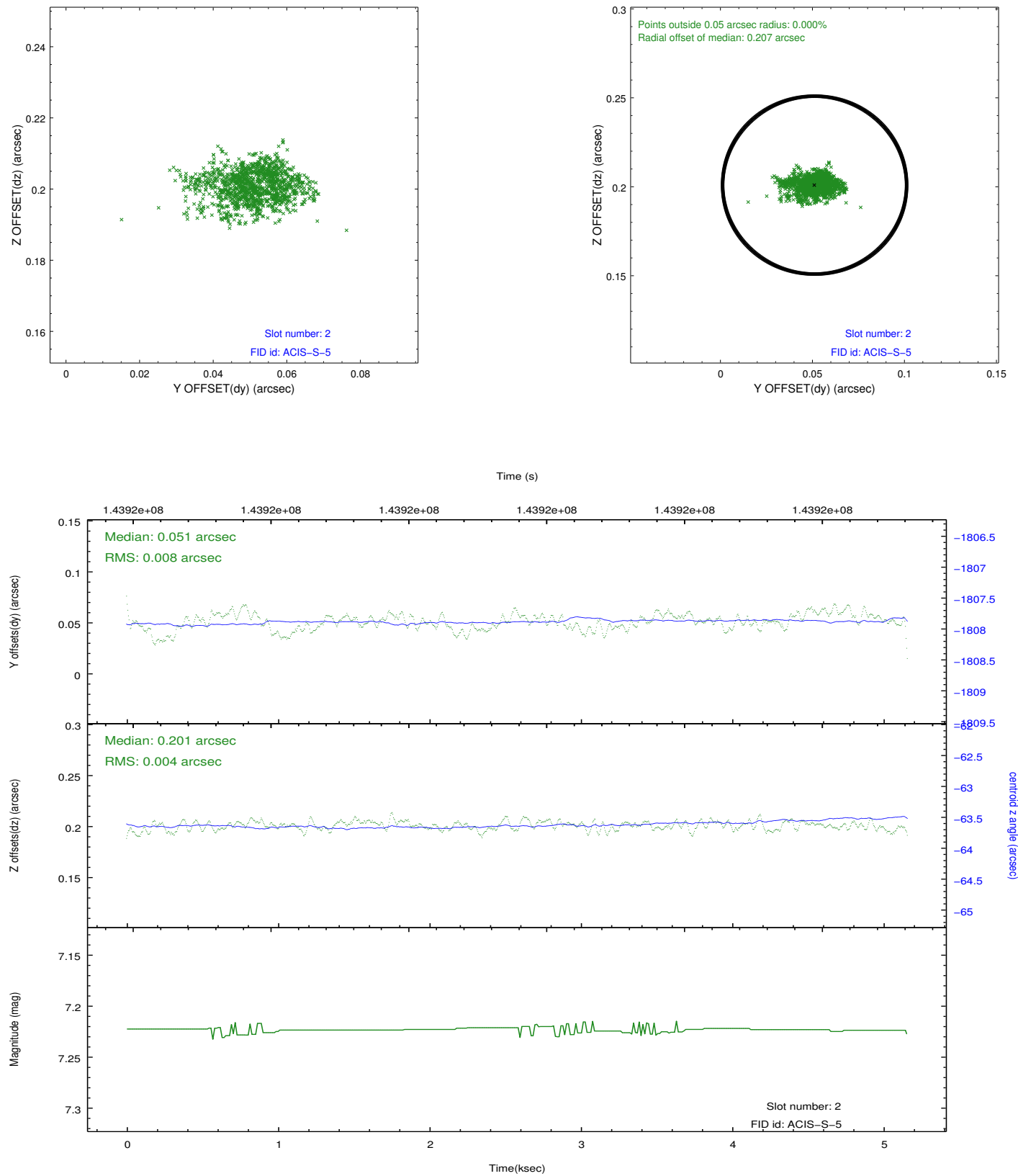
2.5.1 Slot 0



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)	2012.10.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.16

A.2 Comments