

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11301 - L2 Version 2
Chandra X-Ray Center

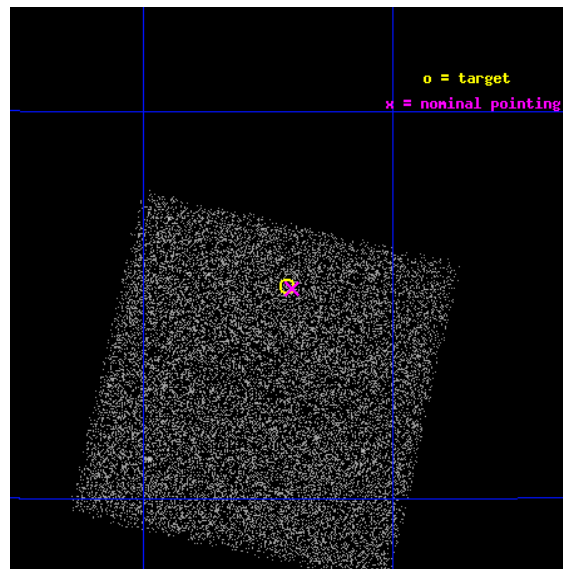
L2 Processing Date : Jun 19 2012

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1 Front

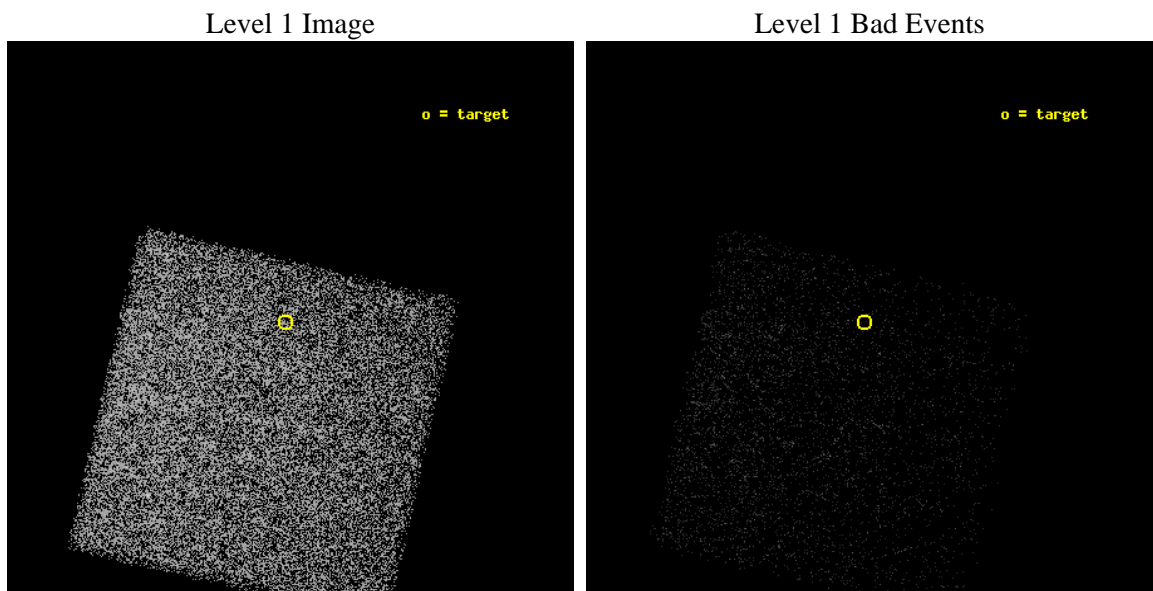
seq_num	600820	Sequence number
obs_id	11301	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	KUG 0937+298	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	145.053333	Observer's specified target RA [deg]
dec_targ	29.59175	Observer's specified target Dec [deg]
ra_nom	145.05065473116	Nominal RA [deg]
dec_nom	29.590212273841	Nominal Dec [deg]
roll_nom	102.84679744293	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5076.0	Sum of GTIs [s]
livetime	5007.497435088	Livetime [s]
ontime7	5076.0	Sum of GTIs [s]
l2events	22227	Number of level 2 events



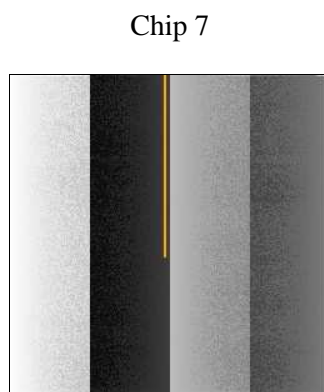
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5076.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	5076.0	Sum of GTIs [s]
date	2012-06-19T21:47:18	Date and time of file creation	l1events	50159	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	50159
rejected events	27296
rejected %	54%

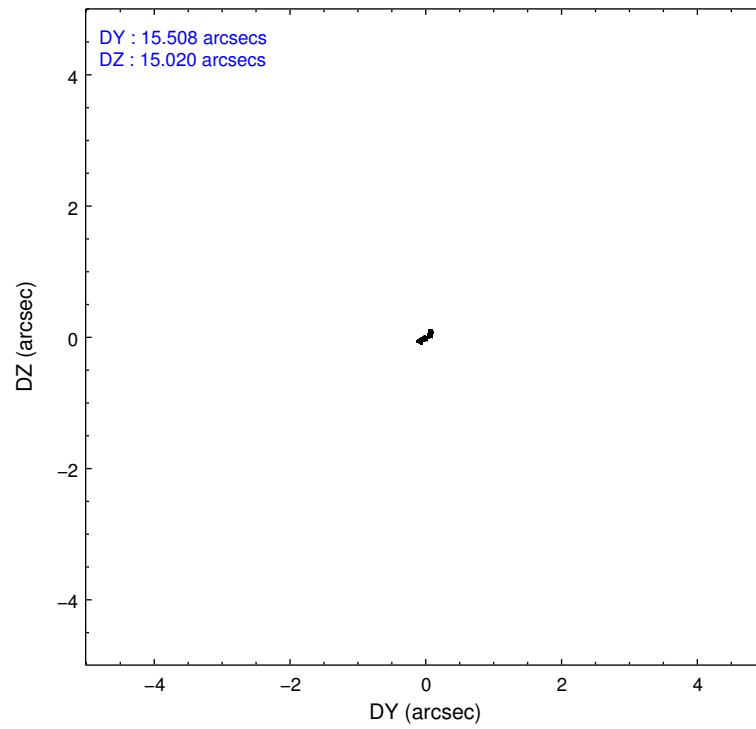
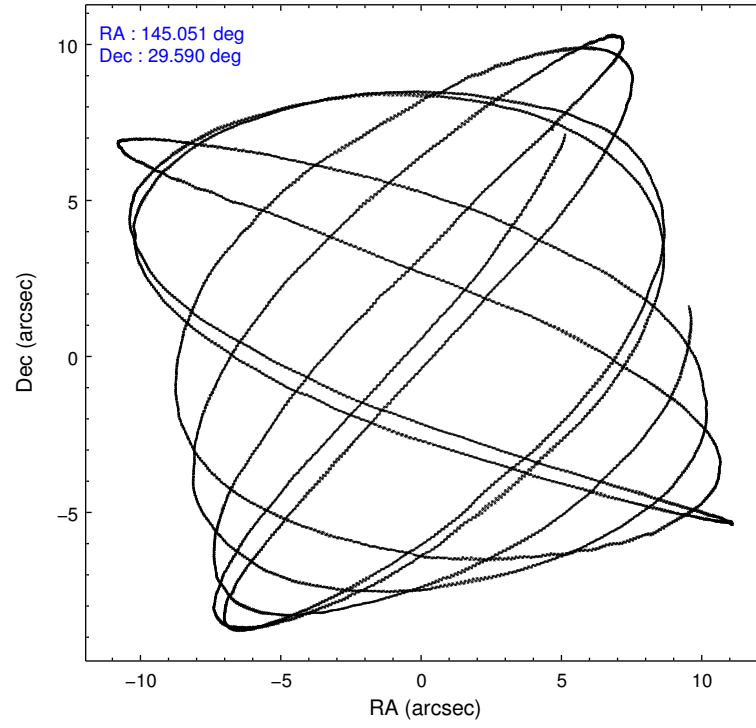
	ccd 7
grade 0 events	2118
	4%
grade 1 events	64
	0%
grade 2 events	4687
	9%
grade 3 events	2104
	4%
grade 4 events	2081
	4%
grade 5 events	5243
	10%
grade 6 events	11882
	23%
grade 7 events	21980
	43%

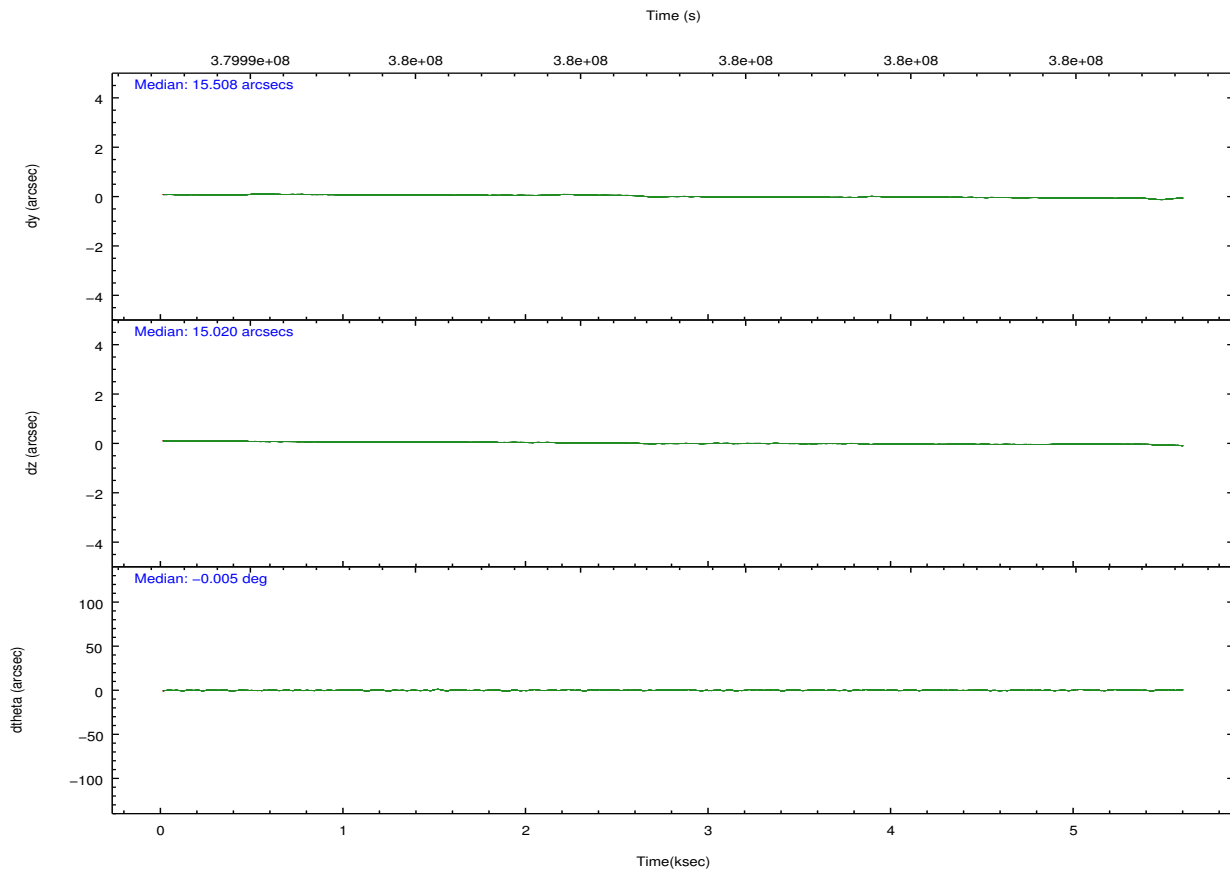
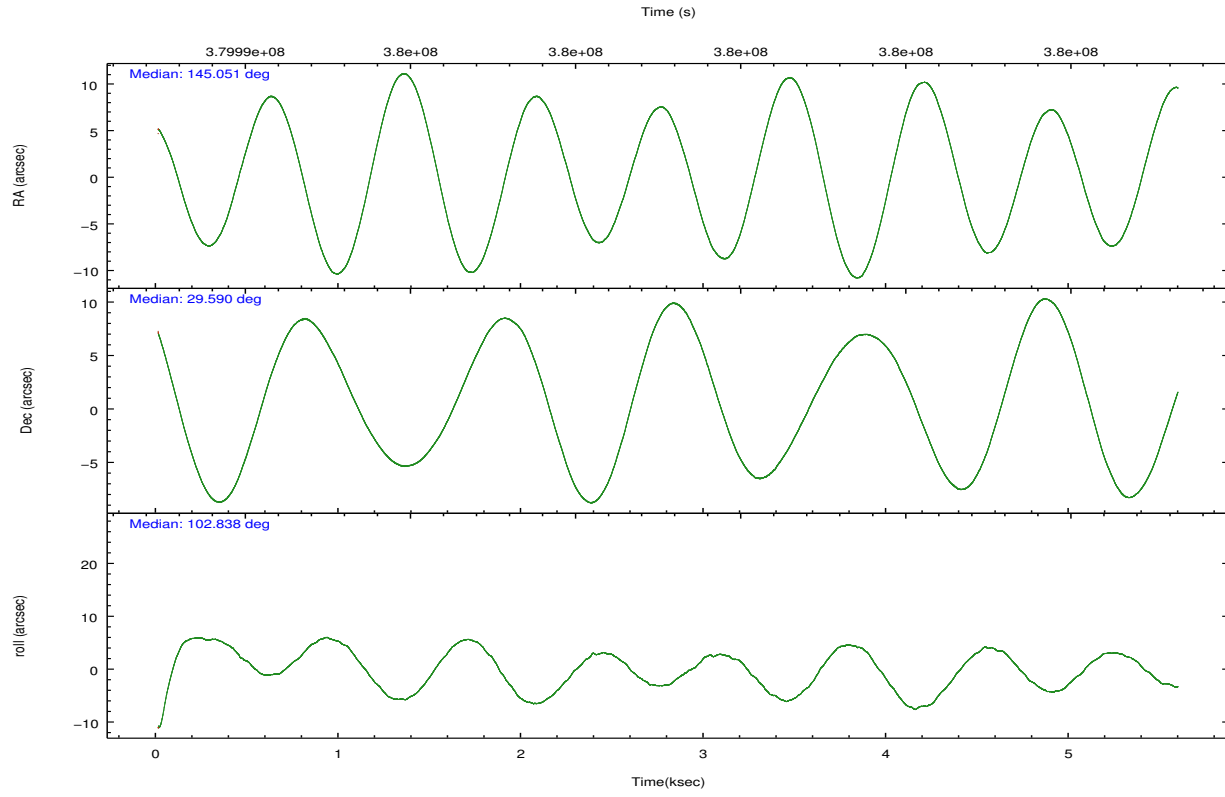
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	145.072385	145.050654731157
[deg] Pointing Dec	29.570536	29.59021227384056
[deg] Pointing Roll	102.679441	102.846797442929
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	379994361.184000	379993483.80255
Observation start date	2010-01-16T01:58:15	2010-01-16T01:44:43
[s] Observation end time (MET)	379999361.184000	379999607.15286
Observation end date	2010-01-16T03:21:35	2010-01-16T03:26:47
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	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3

2.3 Aspect



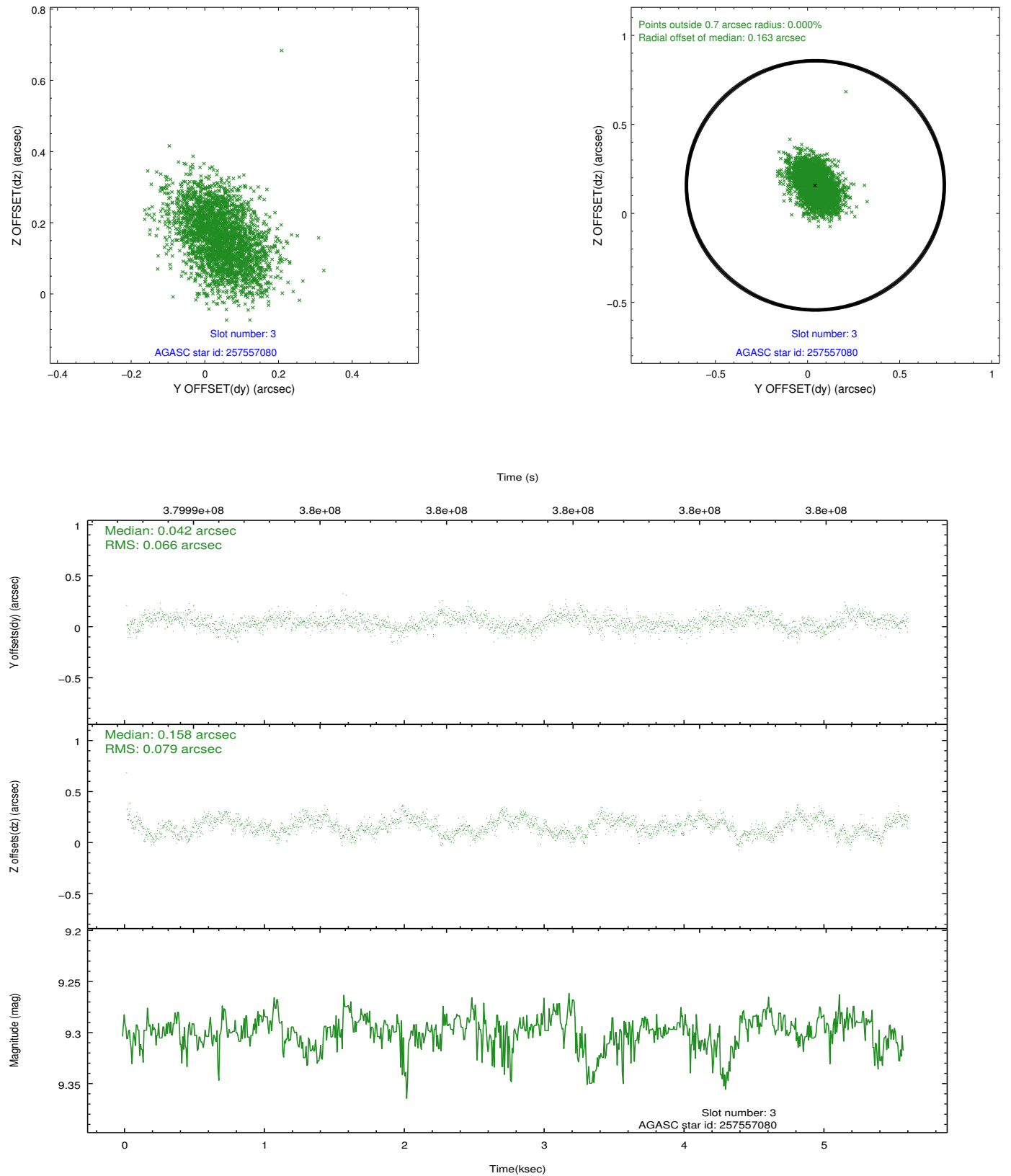


Slot Statistics

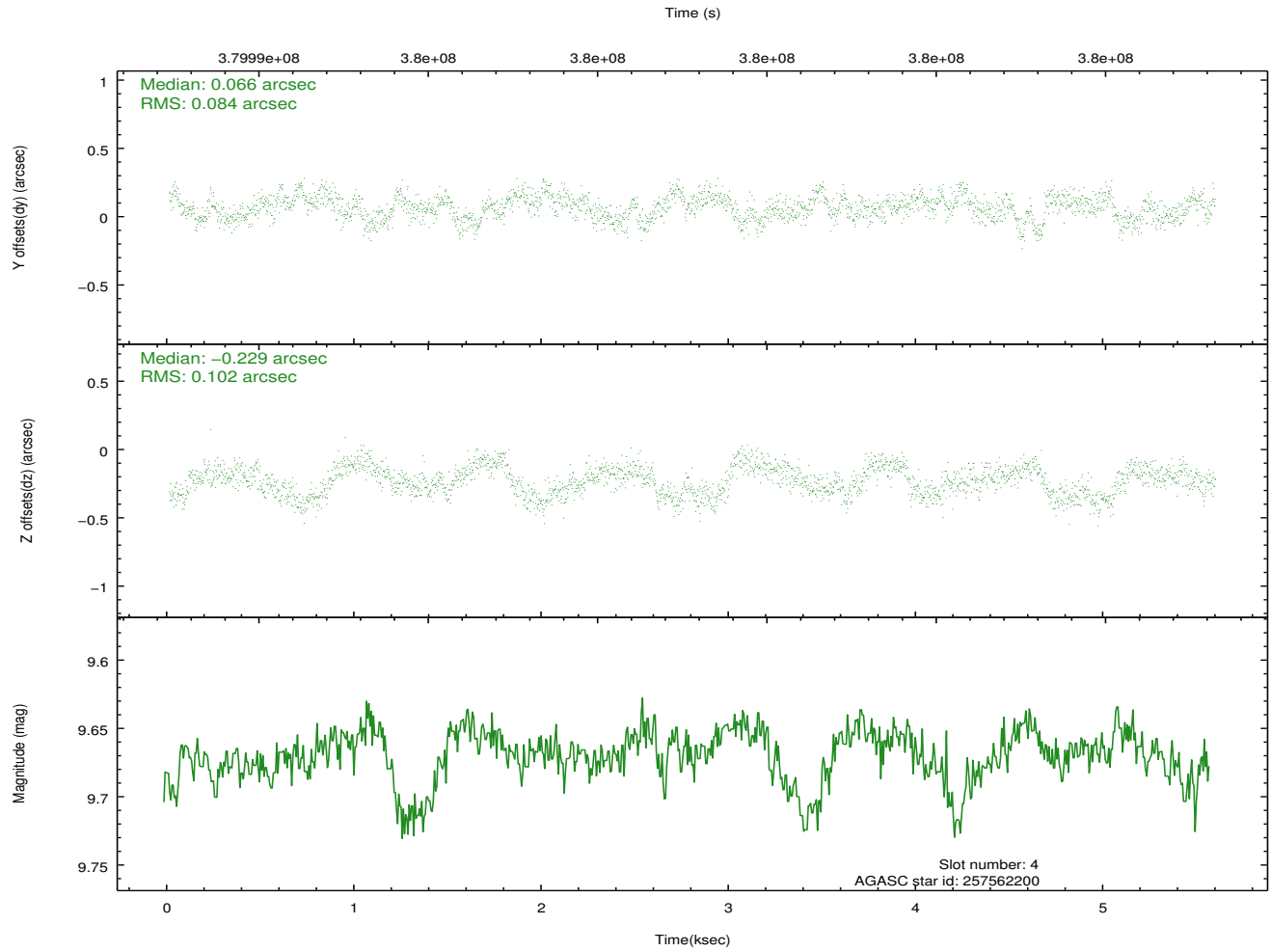
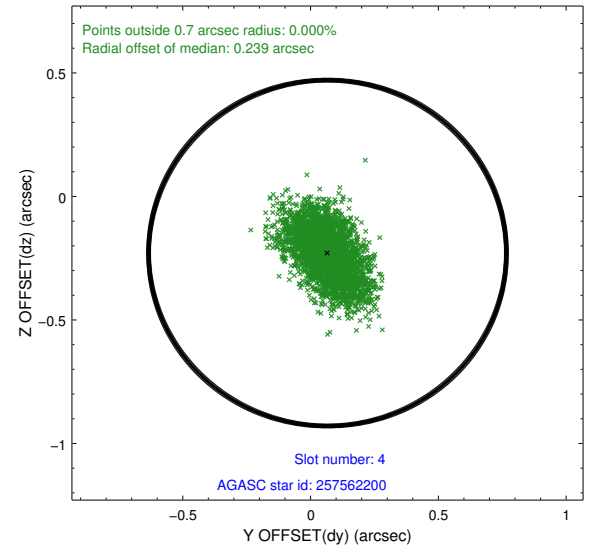
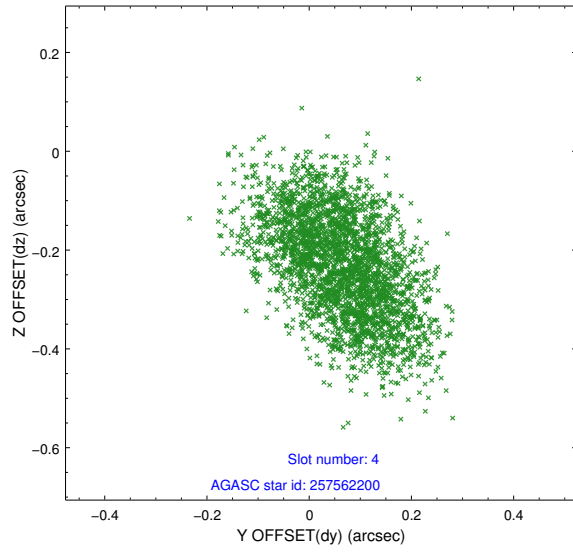
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	1363	-0.097	-0.011	0.006	0.010	0.000000	0.000000	-768.58	-1736.43
1	FID	ACIS-S-4	7.01	1363	0.173	0.050	0.005	0.010	0.000000	0.000000	2144.45	171.03
2	FID	ACIS-S-5	7.04	1363	-0.107	-0.030	0.006	0.011	0.000000	0.000000	-1820.08	165.80
3	GUIDE	257557080	9.30	2719	0.042	0.158	0.110	0.178	145.071958	29.990213	1474.94	-329.87
4	GUIDE	257562200	9.67	2724	0.066	-0.229	0.142	0.226	144.555322	29.089611	-1327.70	1965.77
5	GUIDE	257562896	8.91	2726	0.255	-0.061	0.077	0.125	144.703696	28.954712	-1906.22	1620.05
6	GUIDE	327814400	7.07	2726	-0.134	0.346	0.084	0.135	145.685673	30.111449	1485.66	-2290.66
7	GUIDE	327820224	7.86	2725	-0.225	-0.211	0.056	0.099	144.703719	30.153083	2300.51	658.32

2.4 Star Slots

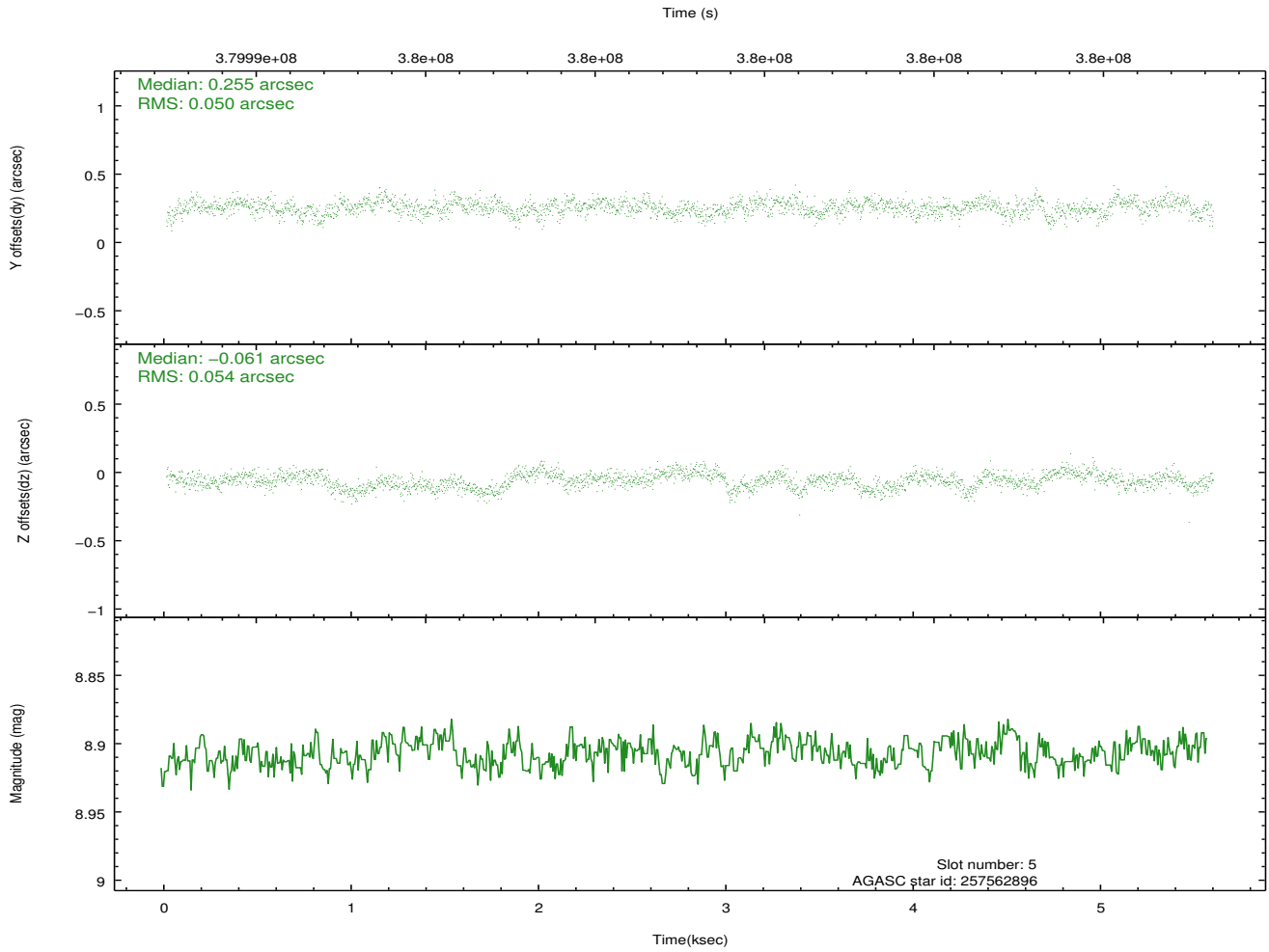
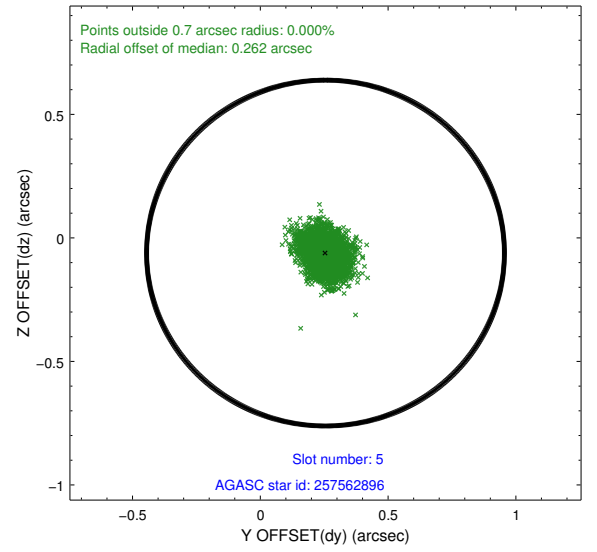
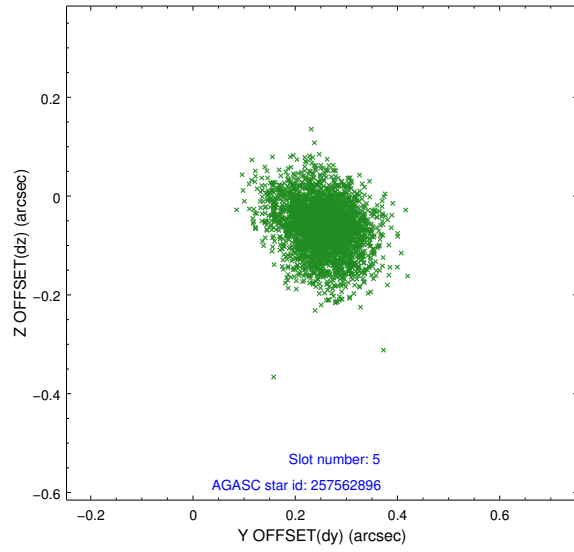
2.4.1 Slot 3



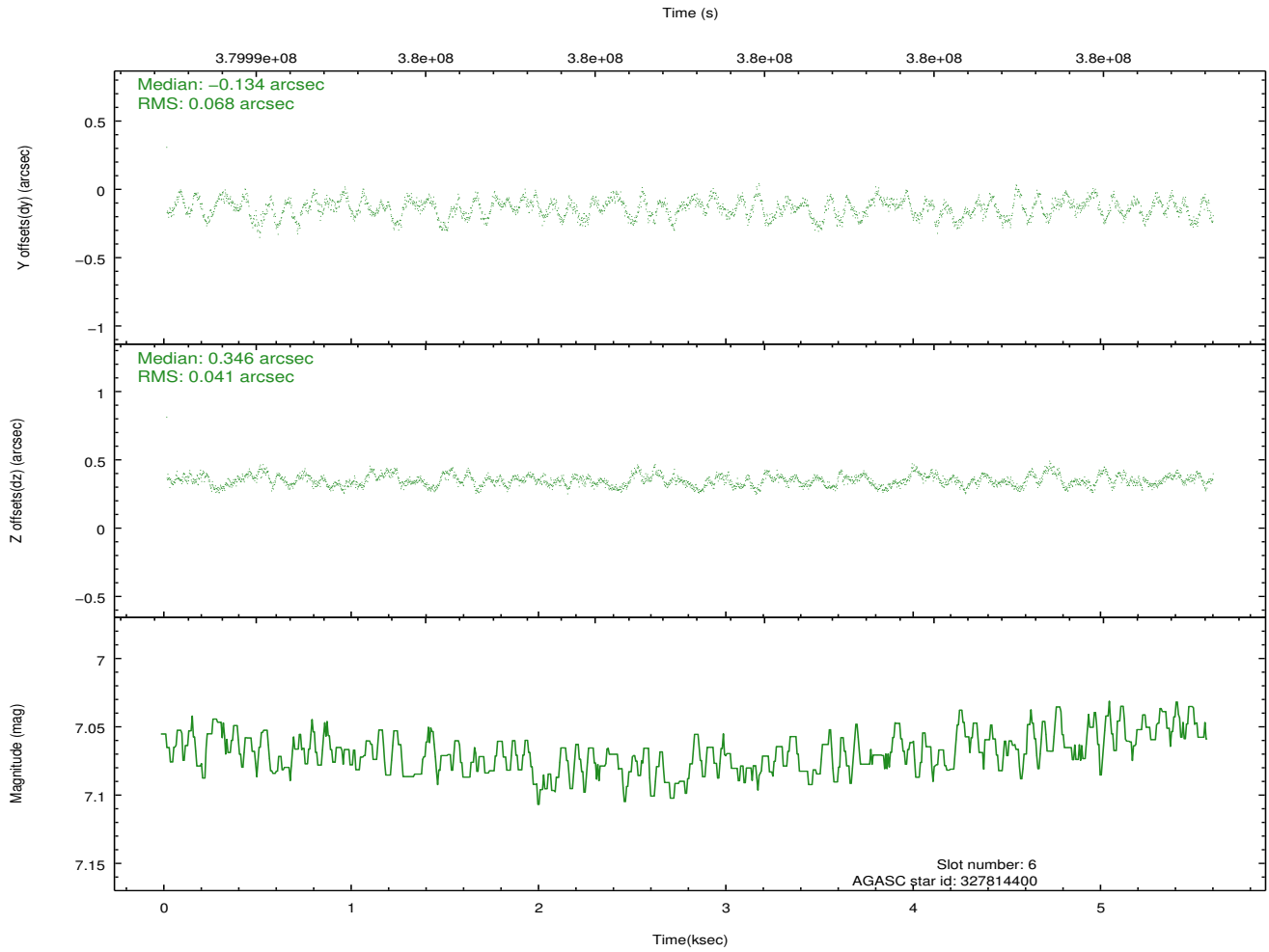
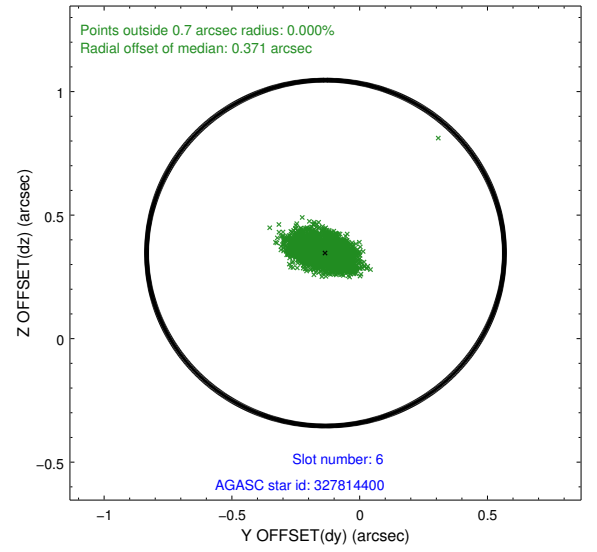
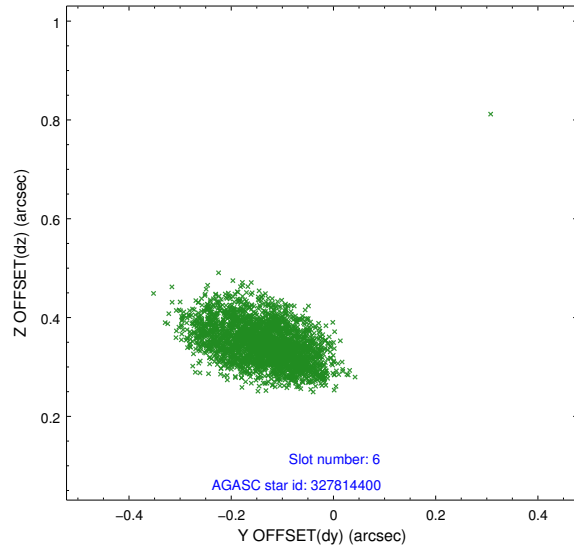
2.4.2 Slot 4



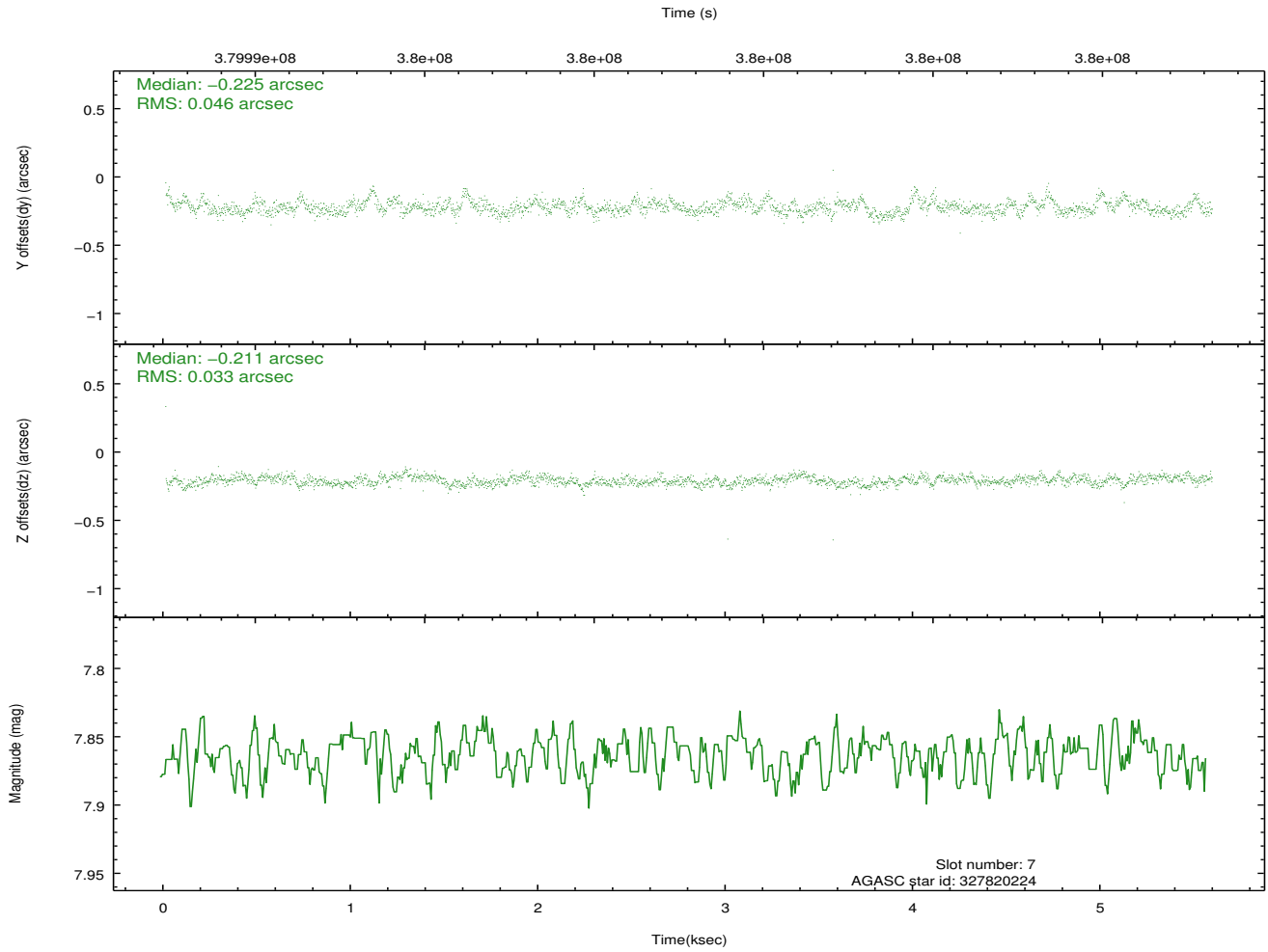
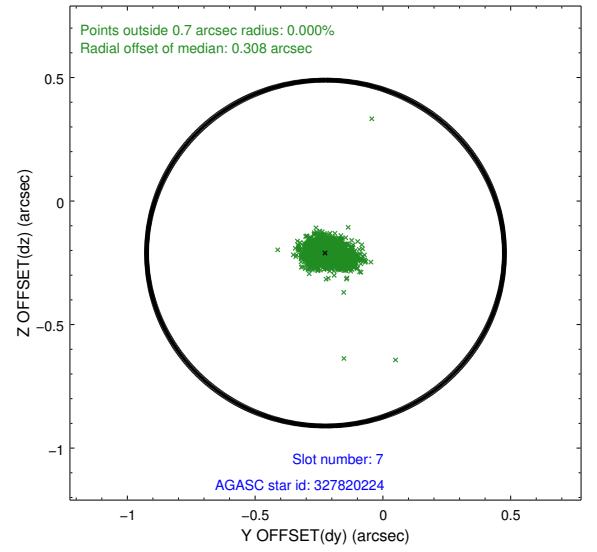
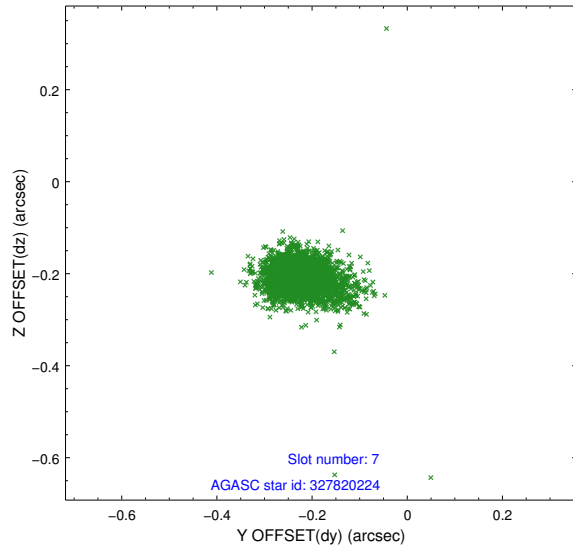
2.4.3 Slot 5



2.4.4 Slot 6

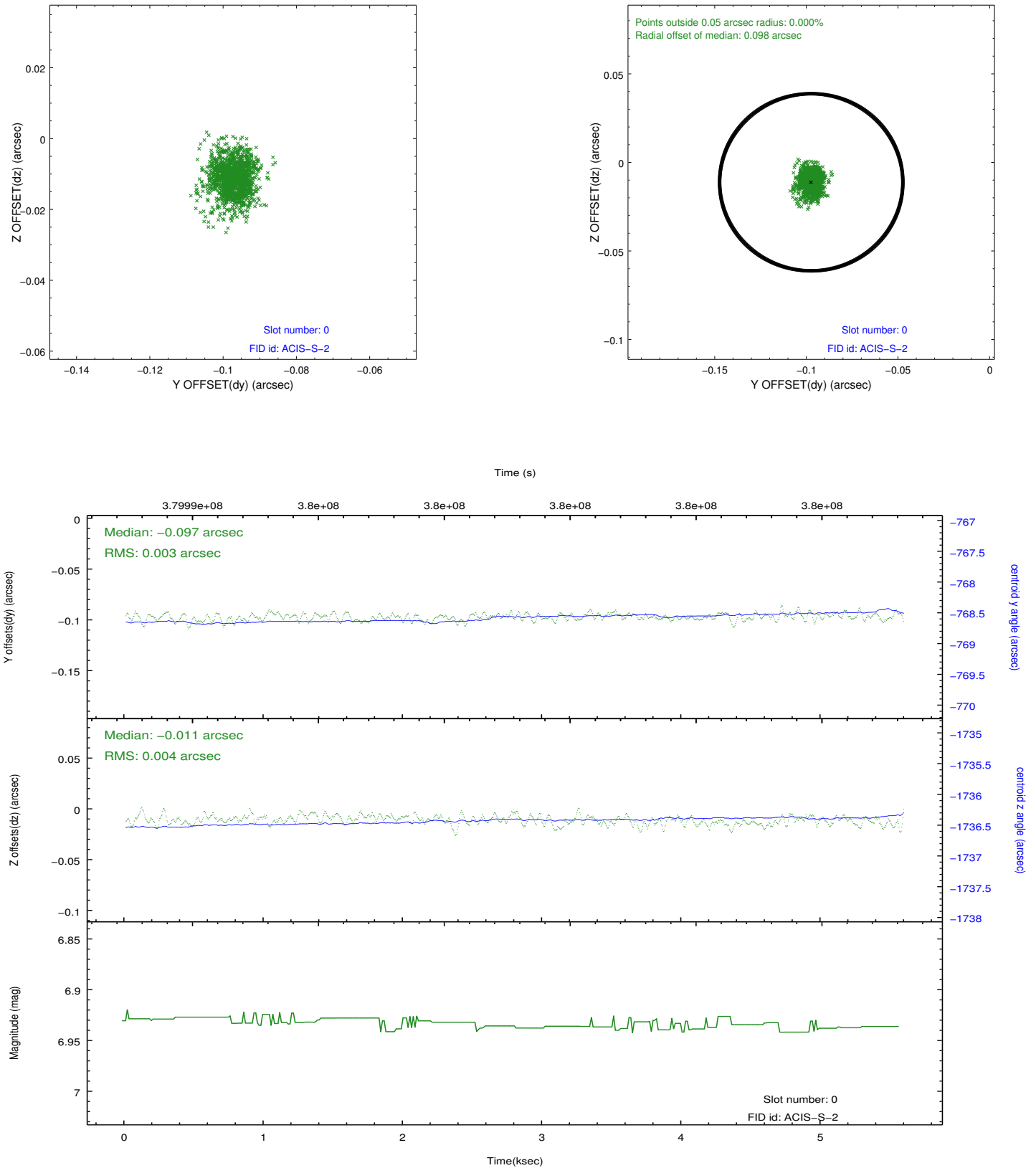


2.4.5 Slot 7

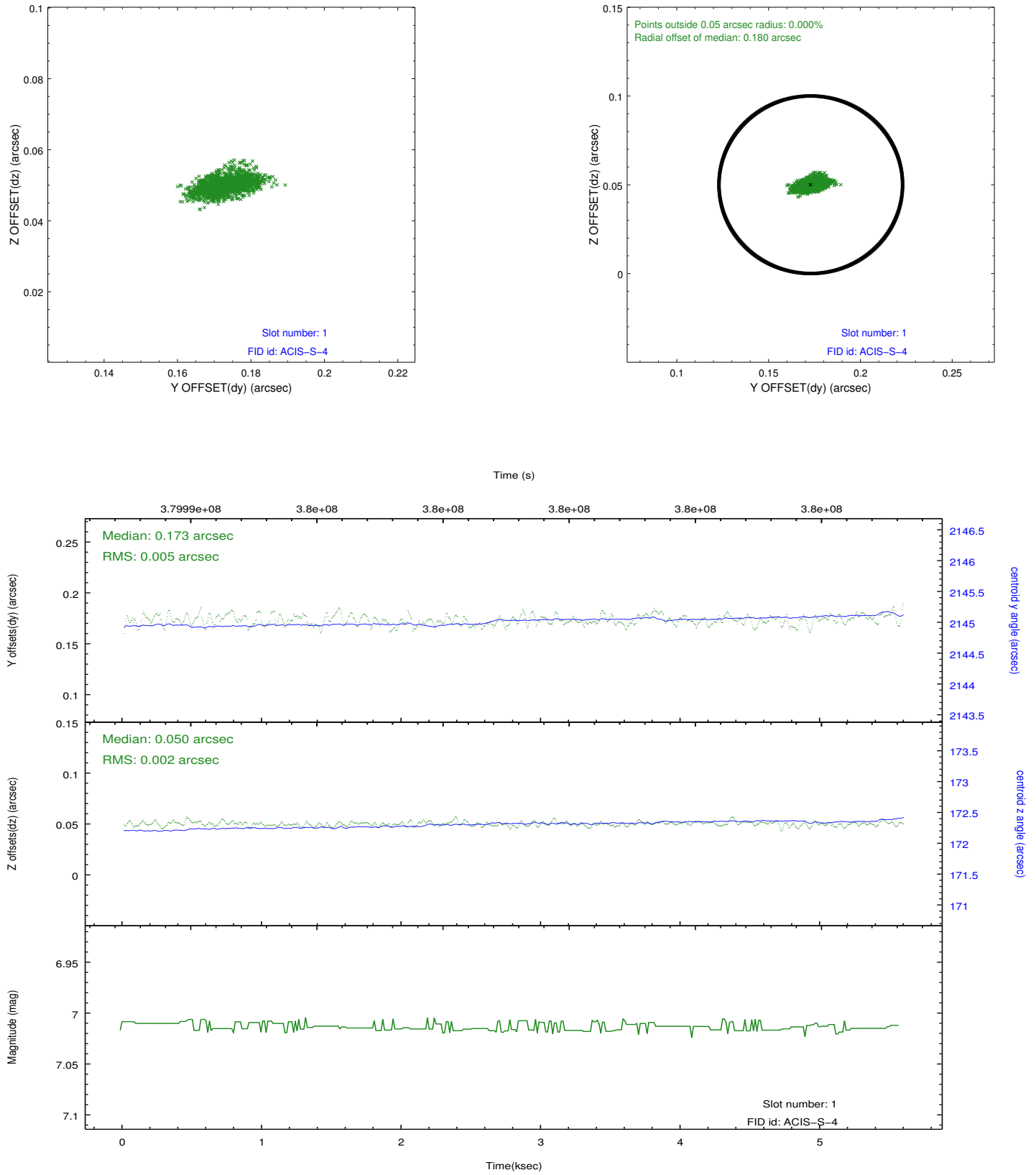


2.5 FID Slots

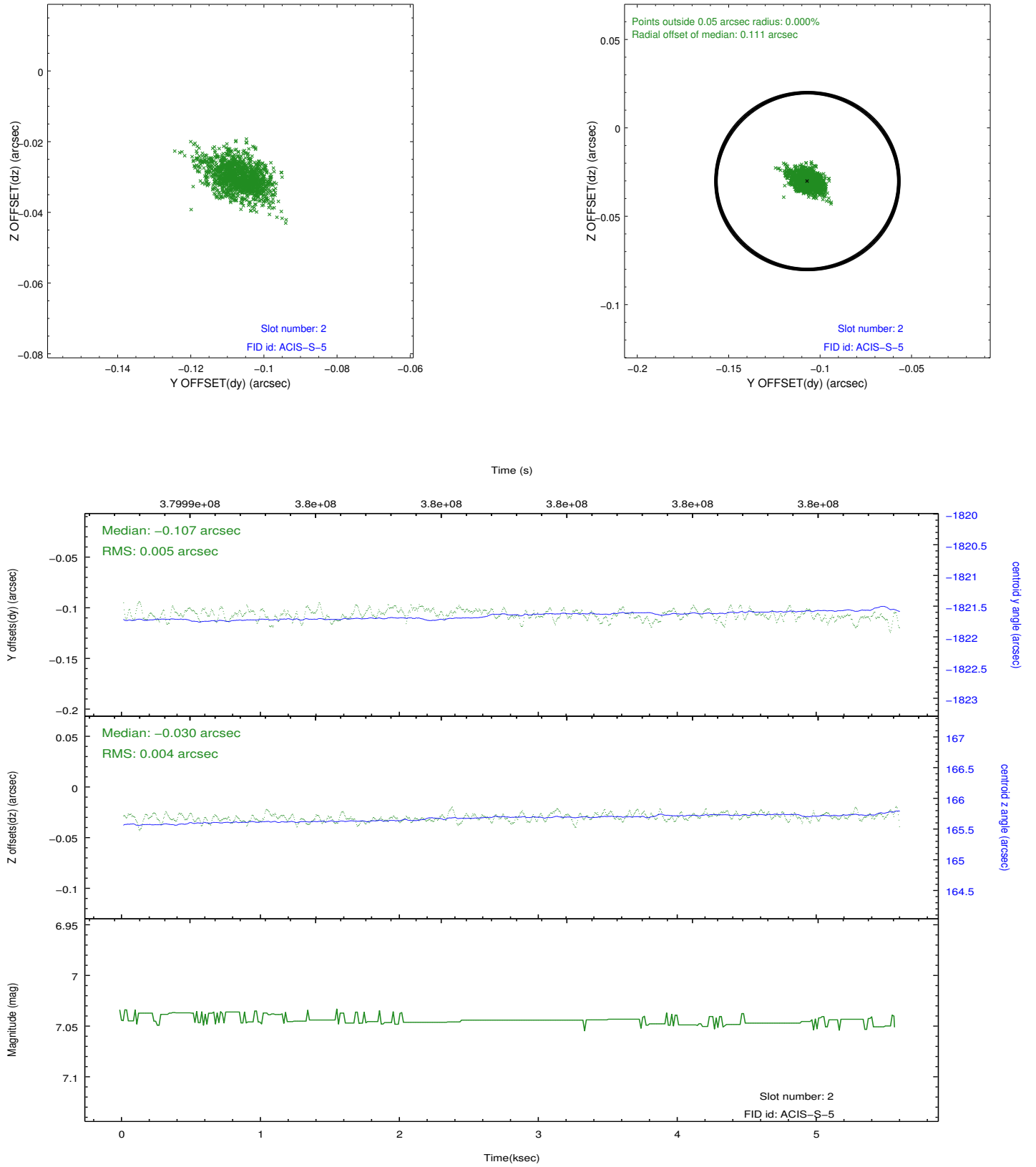
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.076

A.2 Comments

Joint proposal with HST.