Activity ID: Orbit E4 **OAPEL** JUFIXTMB **SeqNo** 01-

Title Fixed local time map **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/15/96 **Week** 50

Start	JEE-CDS 00004944:00:0	96-350/16:04:32.666	JEE-003/11:18:56.000
End	JEE-CDS 00004340:00:0	96-351/02:15:15.333	JEE-003/01:08:13.333
Duration	00000604:00:0	000/10:10:42.667	000/10:10:42.667

Top Label E4JUFIXTMB01-

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 526 **Report Options** BOTH **Scan Platform** Yes

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

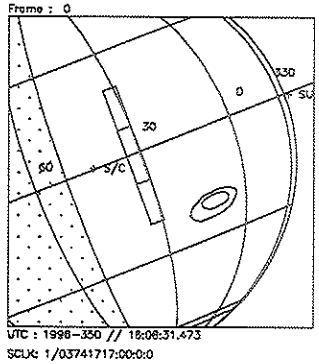
Fixed local time map for global FUV spectral coverage over 1 Jupiter rotation on brightside equatorial zone.

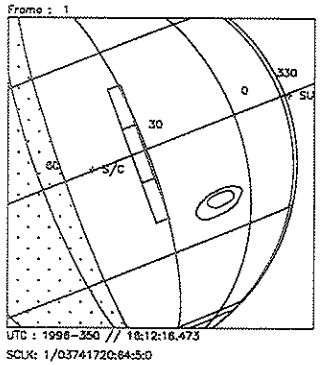
Realtime observation at 5 bps for 10.0 hours; G/G full scan. 2 RIMs F/G full scan to remove second order effects. 30 RIMs UVS OFF/FIXED every 60 RIMs for PWS. Expect RTSFMT = A (13:00 - 19:00) and RTSFMT = C (19:00 - 23:00). Distance from Jupiter = 39 Rj. Nominal s/c -Z axis is RA/Dec = 109.0/23.4

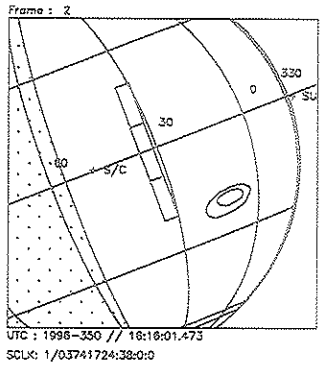
Last cn/ck = 153/300.

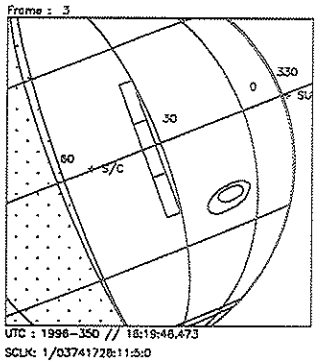
Design Detail

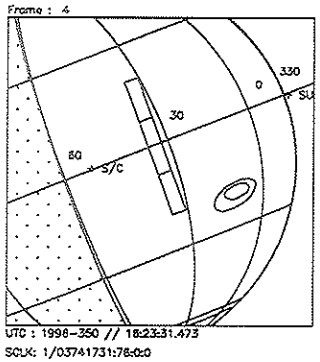
```
PSID   CDS RIM COMMAND PARAMETERS
384AA   00 000 COMMNT UVS RIM 0
 61AA   28 002+LOOPER DUR = 60 RIMS; REPEAT = 10
349AA   28 003+UVFLSH DISCRD,UVS
157AA   38 003 CMDRS  PLAN_DUR = 31 RIMS; EST_UVS_CMDS = 2
          004      1
34UVS/UVG:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,9D,00,00
          034     31
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AA   72 004 TARGET Lat/lon = 0/30 (use TMC; RA/Dec = 209.11/-13.85)
349AB   28 033+UVFLSH PACKET,UVS
349AC   28 090+UVFLSH PACKET,UVS
157AB   24 091 CMDRS  PLAN_DUR = 1 RIM; EST_UVS_CMDS = 1
          092      1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C
349AD   28 093+UVFLSH PACKET,UVS
349AE   28 123+UVFLSH DISCRD,UVS
349AF   28 153+UVFLSH PACKET,UVS
349AG   28 213+UVFLSH PACKET,UVS
349AH   28 273+UVFLSH PACKET,UVS
349AI   28 333+UVFLSH PACKET,UVS
```

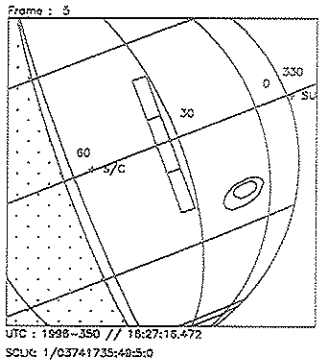


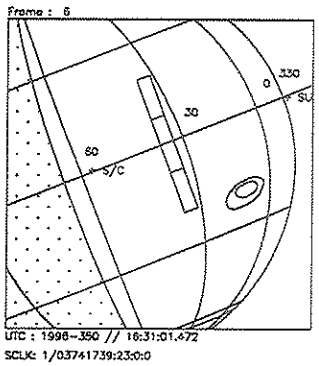


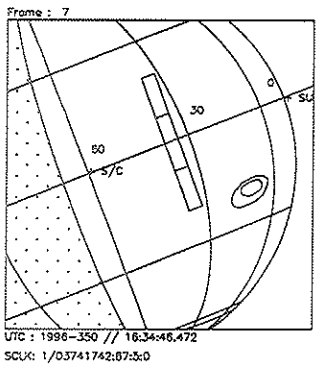


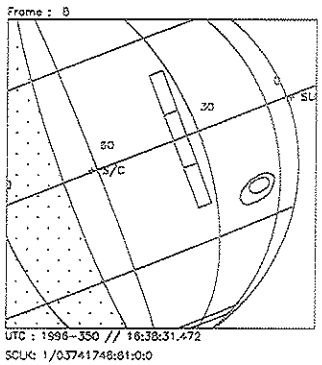












Start UTC_TIME : 1996-350 // 16:08:31.473
No End Time :
Start SCLK : 1/03741717:00:0:0

Target Body : JUPITER
Target Cone/Clock : 105.03/ 89.21 Deg
S/C to Body Center : 2735351. Km (38.260941 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUAURMAP **SeqNo** 01-

Title Auroral map **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/16/96 **Week** 51

Start	JEE-CDS 00003880:00:0	96-351/10:00:22.000	JEE-002/17:23:06.666
End	JEE-CDS 00003696:00:0	96-351/13:06:24.666	JEE-002/14:17:04.000
Duration	00000184:00:0	000/03:06:02.666	000/03:06:02.666

Top Label E4JUAURMAP01-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	357	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

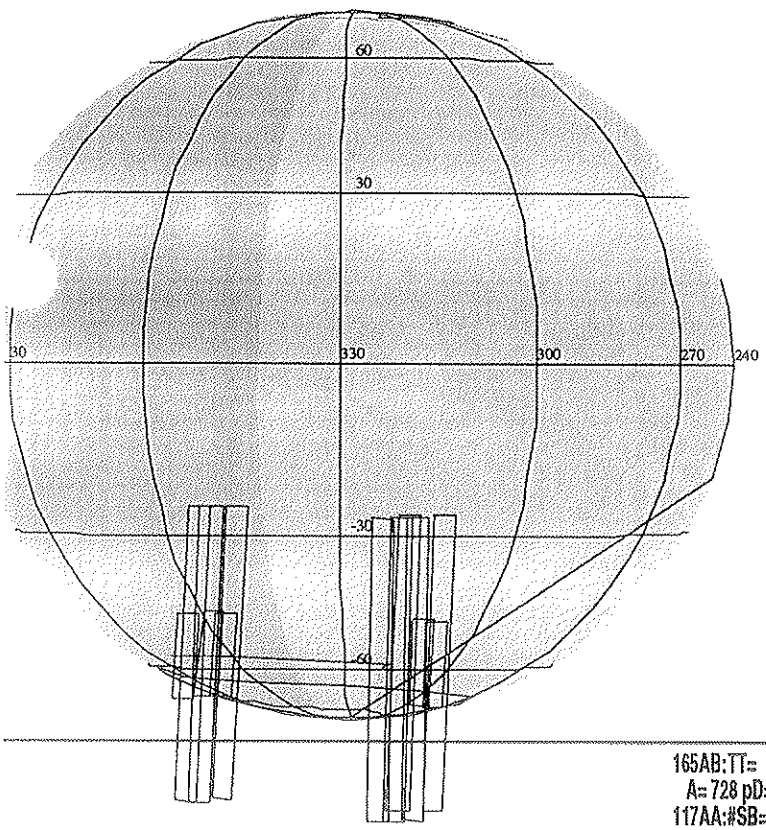
Southern auroral map of dayside - nightside asymmetry.

Realtime observation at 5 bps for 3.0 hours; G/G full-scan and 1 RIM F/G full-scan on brightside. 30 RIMs UVS OFF/FIXED every 60 RIMs for PWS. Expect RTSFMT = A for this observation. Distance from Jupiter = 32 Rj.

Last cn/ck = 153/300.

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AB   00   00  COMMNT  UVS RIM 0
 61AB   28   02+LOOPER  DUR = 60 RIMS;  REPEAT = 3
349AN   28   03+UVFLSH  DISCRD,UVS
157AC   38   03  CMDRS   PLAN_DUR = 31 RIMS;  EST_UVS_CMDS = 2
             04       1
34UVS/UVG:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,9D,00,00
             34      31
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AB   36   04  TARGET  Lat/lon = -60/320 (RA/Dec = 215.78/-17.75)
117AA   63   04  CSMOS   Lat/lon = (4 slews during brightside; 2 during darkside)
349AO   28   33+UVFLSH  PACKET,UVS
349AP   28   90+UVFLSH  PACKET,UVS
157AD   24   91  CMDRS   PLAN_DUR = 1 RIM;  EST_UVS_CMDS = 1
             92       1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C
349AQ   28   93+UVFLSH  PACKET,UVS
349AR   28  123+UVFLSH  DISCRD,UVS
349AS   28  153+UVFLSH  PACKET,UVS
```



165AB:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/5182 TC= 1(-60 320)
A= 728 pD= 182 SR=17.450 RA50=215.85 DEC50=-17.75 cone=111.99 clock= 87.65
117AA:#SB= 3 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/5182
1:#s= 4 Cs= 0.00 XCs= 0.00 Cr= 4.00 XCr= 0.00 sD= 5278 rD= 182
2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 18.00 XCr= 0.00 sD= 16 rD= 160
3:#s= 2 Cs= 0.00 XCs= 0.00 Cr= 4.00 XCr= 0.00 sD= 5278 rD= 182

ESIGN G2.0 kent :10/31/1996 10:19:24

ILE:P.E4JUAURMAP01

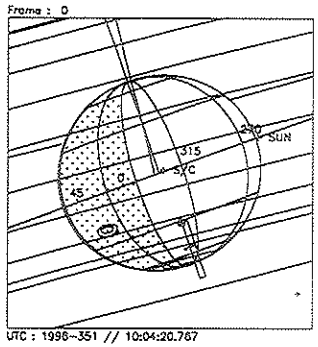
ENTRAL BODY:JUPITER III

INI:m.E4JUAURMAP01

'^ EPH:/DATA/NAVIO/T-960909-TOUR.NS

.APSIS: THINNING: :UVS 1

TART:JEE 96-354/03:23:28.666 -CDS 03876:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000



UTC : 1996-351 // 10:04:20.767
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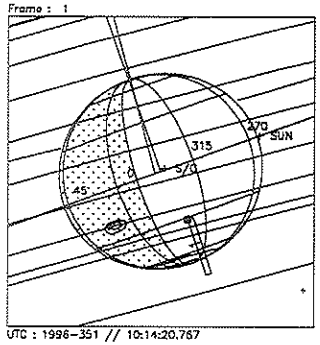

UTC : 1996-351 // 10:14:20.767
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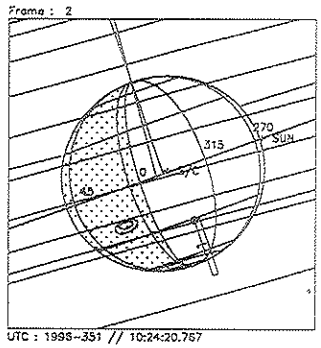

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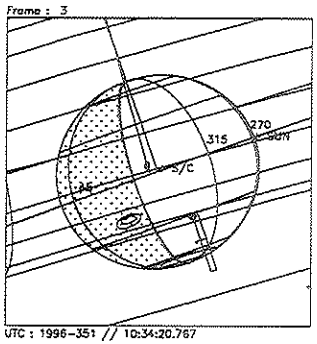

UTC : 1996-351 // 10:34:20.767
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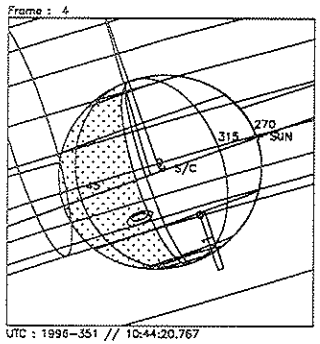
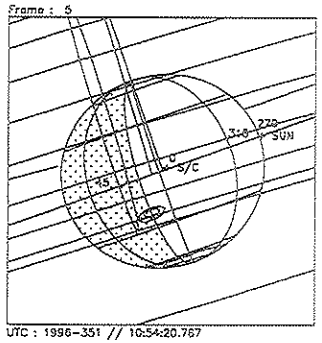
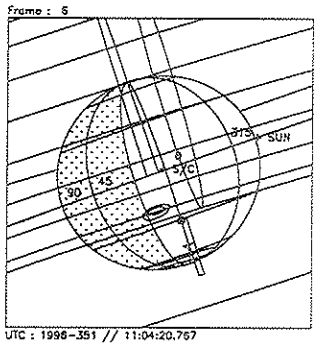


UTC : 1996-351 // 10:44:20.767
SCLK: 1/03742820:51:0:0



UTC : 1996-351 // 10:54:20.767
SCLK: 1/03742830:41:0:0



UTC : 1996-351 // 11:04:20.767
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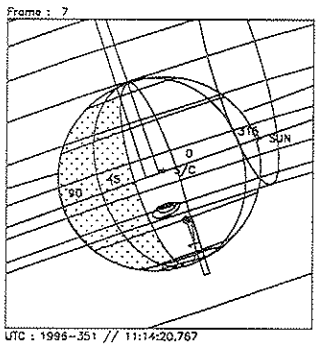

UTC : 1996-351 // 11:14:20.767
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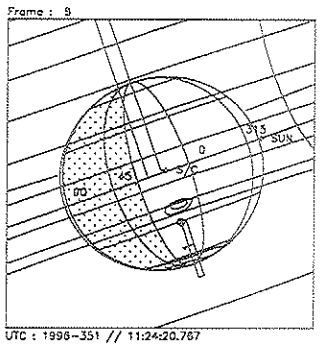
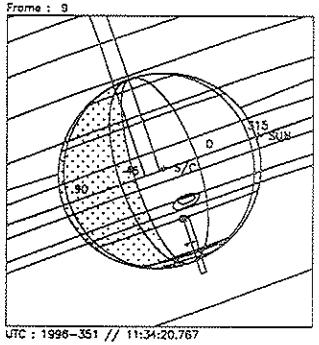


UTC : 1996-351 // 11:24:20.767
SCLK: 1/03742860:11:0:0

Start UTC_TIME : 1996-351 // 10:04:20.767
End UTC_TIME : 1996-351 // 12:36:00.761
Start SCLK : 1/03742781:00:0:0
Delta Time between FOV : 600.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 112.14/ 89.19 Deg
S/C to Body Center : 2324285. Km (32.511121 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Frame : 9



UTC : 1996-351 // 11:34:20.767
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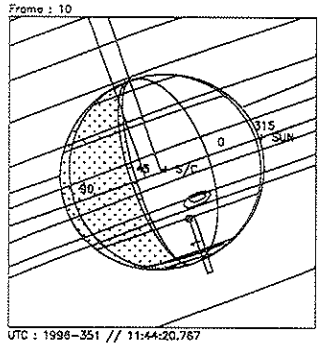
Frame : 10



UTC : 1996-351 // 11:44:20.767
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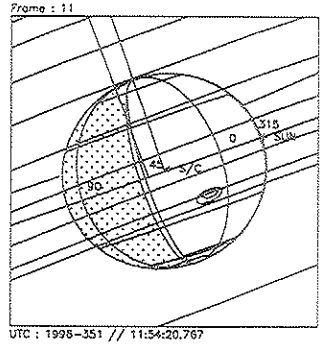
Frame : 11



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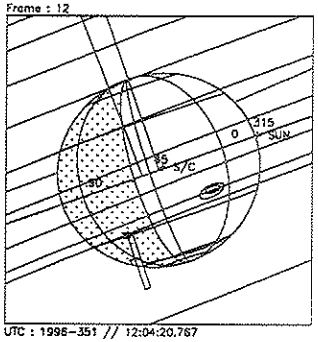
Frame : 12



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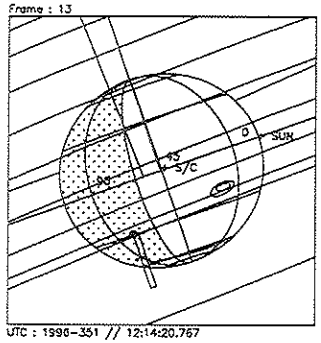
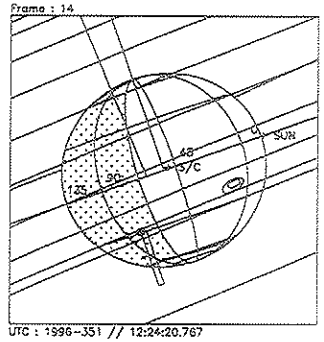
Frame : 13



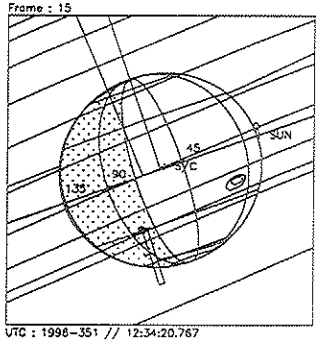
UTC : 1996-351 // 12:14:20.767
SCLK: 1/03742909:52:0:1

Frame : 14



UTC : 1996-351 // 12:24:20.767
SCLK: 1/03742919:42:0:1

Frame : 15



UTC : 1996-351 // 12:34:20.767
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Start UTC_TIME : 1996-351 // 10:04:20.767
End UTC_TIME : 1996-351 // 12:36:00.761
Start SCLK : 1/03742781:00:0:0
Delta Time between FOV : 600.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 112.86/ 89.19 Deg
S/C to Body Center : 2287844. Km (32.001405 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUFIXLON **SeqNo** 01-

Title Fixed longitude map **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/16/96 **Week** 51

Start	JEE-CDS 00003156:00:0	96-351/22:12:24.666	JEE-002/05:11:04.000
End	JEE-CDS 00002852:00:0	96-352/03:19:47.333	JEE-002/00:03:41.333
Duration	00000304:00:0	000/05:07:22.667	000/05:07:22.667

Top Label E4JUFIXLON01-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	483	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

Global mapping of equatorial H Ly-a and off planet to obtain sky background on torus region.

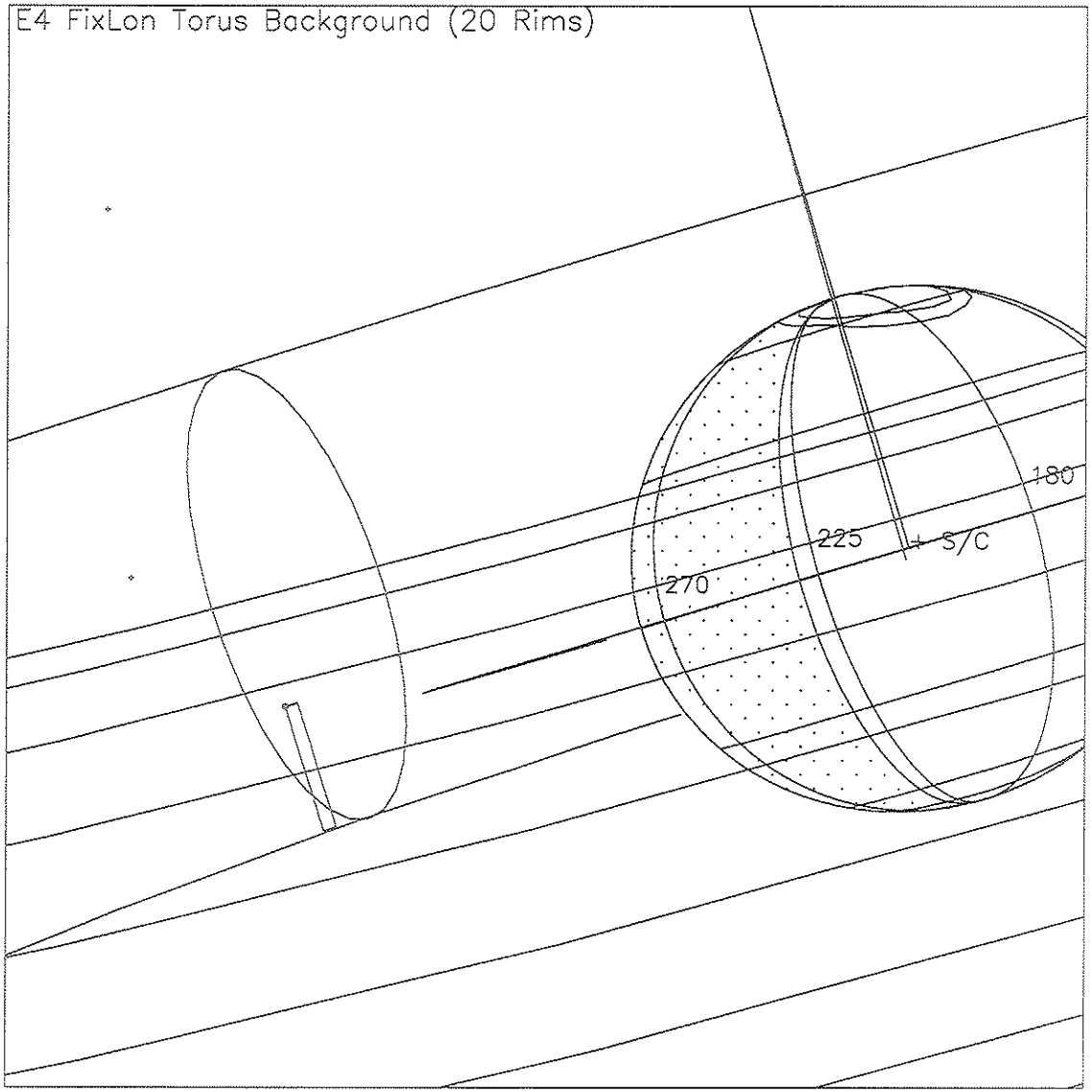
Realtime observation at 10 bps for 5.0 hours; G/G Ly-a 88 step 2 posn miniscan. 10 RIMs UVS OFF/FIXED every 30 RIMs for PWS. Expect RTSFMT = C. Distance from Jupiter = 28 Rj.

Last cn/ck = 153/300.

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AE   00   00  COMMNT UVS RIM 0
 61AC   28   02+LOOPER DUR = 30 RIMS; REPEAT = 10
349AT   28   03+UVFLSH DISCRD,UVS
157AF   38   03 CMDRS   PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2
          04       1
34UVS/UVG:DF,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,7D,00,2C
          24      21
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AJ   36   04 TARGET Lat/lon = 0/90 (sit and stare - no TMC) (RA/Dec = 224.46/-18.96)
117AB   37   04 CSMOS   Lat/lon = (9 strips on darkside)
349AU   28   23+UVFLSH PACKET,UVS (longitudes  90- 96)
349AV   28   53+UVFLSH PACKET,UVS (longitudes 109-114)
349AW   28   83+UVFLSH PACKET,UVS (longitudes 127-132)
349AX   28  113+UVFLSH PACKET,UVS (longitudes 146-151)
349AY   28  143+UVFLSH PACKET,UVS (longitudes 164-169)
349AZ   28  173+UVFLSH PACKET,UVS (longitudes 181-186)
349KA   28  203+UVFLSH PACKET,UVS (longitudes 199-204)
349KB   28  233+UVFLSH PACKET,UVS (longitudes 217-222)
349KC   28  263+UVFLSH PACKET,UVS (longitudes 234-239)
165AK   36  274 TARGET RA/Dec = 231/-21 (torus background) (sit and stare - no TMC)
```

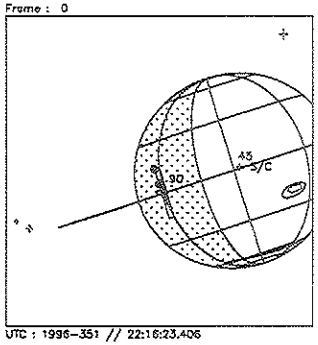
Fri Nov 1 19:10:28 1996



Start UTC_TIME : 1996-352 // 02:49:23.396
No End Time :
Start SCLK : 1/03743775:00:0:0

Target Body : JUPITER
Target Cone/Clock : 121.72/ 89.17 Deg
S/C to Body Center : 1897204. Km (26.537293 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Frame : 0



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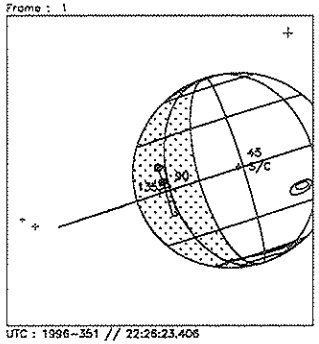
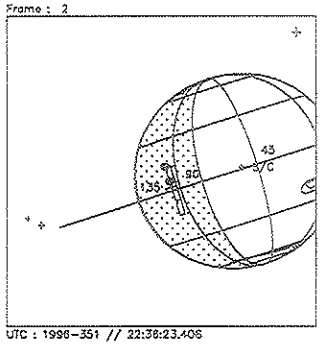
Frame : 1



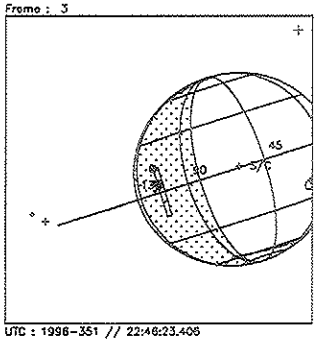
UTC : 1996-351 // 22:26:23.406
SCLK: 1/03743514:81:0:0

Frame : 2



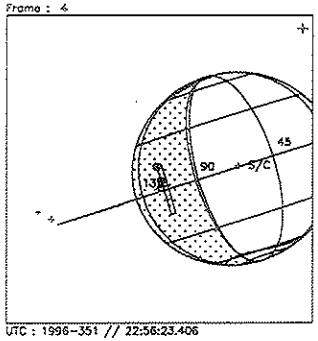
UTC : 1996-351 // 22:36:23.406
SCLK: 1/03743524:71:0:0

Frame : 3



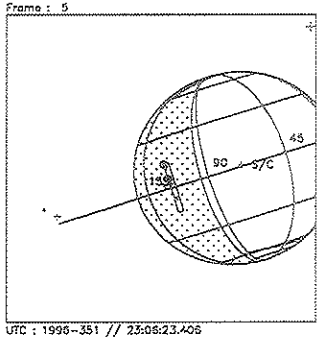
UTC : 1996-351 // 22:46:23.406
SCLK: 1/03743534:61:0:0

Frame : 4



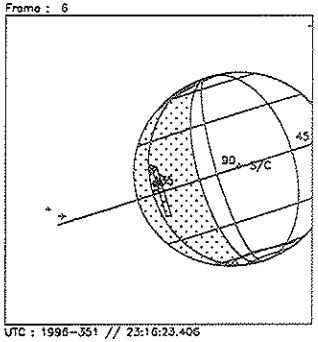
UTC : 1996-351 // 22:56:23.406
SCLK: 1/03743544:51:0:0

Frame : 5



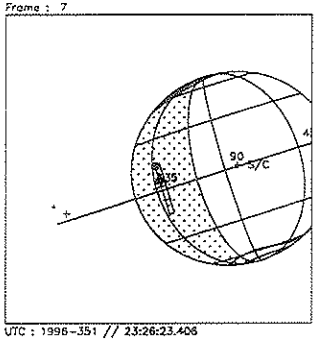
UTC : 1996-351 // 23:06:23.406
SCLK: 1/03743554:41:0:0

Frame : 6



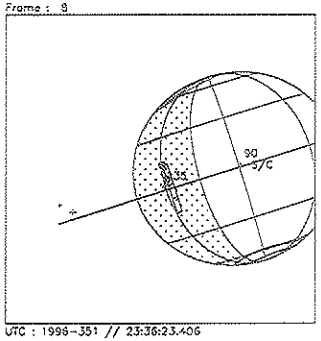
UTC : 1996-351 // 23:16:23.406
SCLK: 1/03743564:31:0:0

Frame : 7



UTC : 1996-351 // 23:26:23.406
SCLK: 1/03743574:21:0:0

Frame : 8

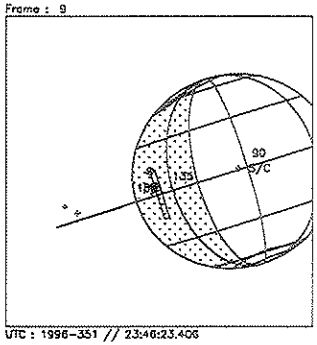


UTC : 1996-351 // 23:36:23.406
SCLK: 1/03743584:11:0:0

Start UTC_TIME : 1996-351 // 22:16:23.406
End UTC_TIME : 1996-352 // 02:39:16.730
Start SCLK : 1/03743505:00:0:0
Delta Time between FOV : 600.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

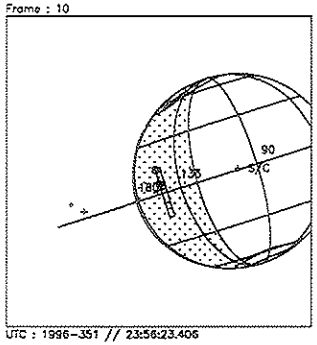
Target Body : JUPITER
Target Cone/Clock : 118.72/ 89.18 Deg
S/C to Body Center : 2017724. Km (28.223077 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Frame : 9



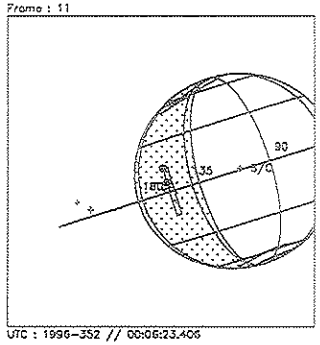
UTC : 1996-351 // 23:46:23.406
SCLK: 1/03743594:01:0:0

Frame : 10



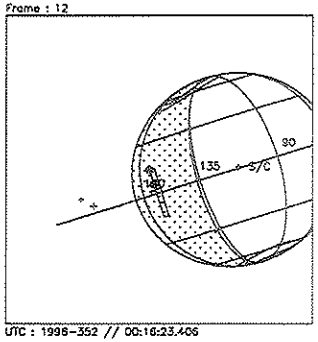
UTC : 1996-351 // 23:56:23.406
SCLK: 1/03743603:82:0:0

Frame : 11



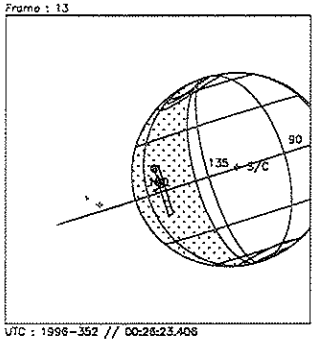
UTC : 1996-352 // 00:06:23.406
SCLK: 1/03743613:72:0:0

Frame : 12



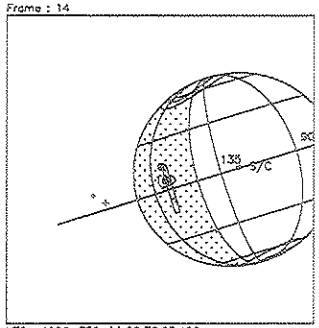
UTC : 1996-352 // 00:16:23.406
SCLK: 1/03743623:62:0:1

Frame : 13



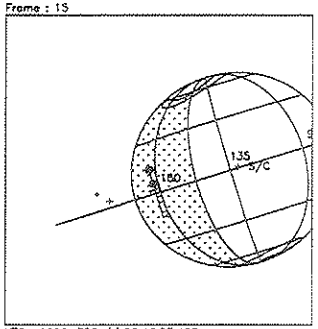
UTC : 1996-352 // 00:26:23.406
SCLK: 1/03743633:52:0:1

Frame : 14



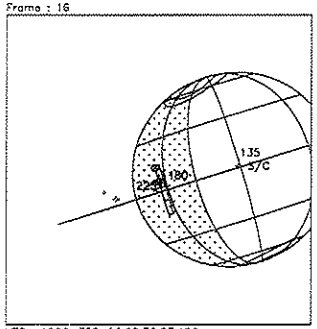
UTC : 1996-352 // 00:36:23.406
SCLK: 1/03743643:42:0:1

Frame : 15



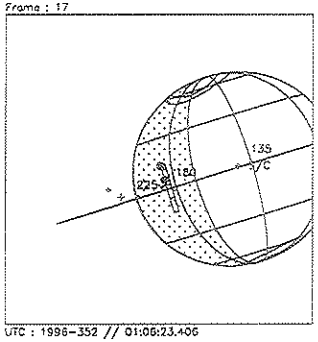
UTC : 1996-352 // 00:46:23.406
SCLK: 1/03743653:32:0:1

Frame : 16



UTC : 1996-352 // 00:56:23.406
SCLK: 1/03743663:22:0:1

Frame : 17

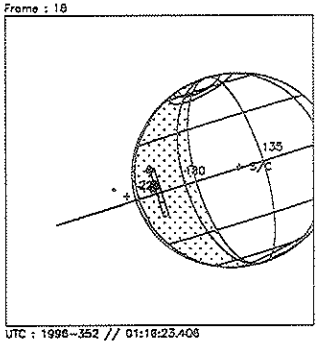


UTC : 1996-352 // 01:06:23.406
SCLK: 1/03743673:12:0:1

Start UTC_TIME : 1996-351 // 22:16:23.406
End UTC_TIME : 1996-352 // 02:39:16.730
Start SCLK : 1/03743505:00:0:0
Delta Time between FOV : 600.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

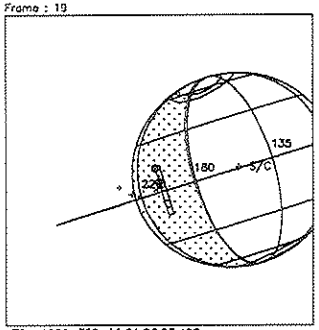
Target Body : JUPITER
Target Cone/Clock : 119.67/ 89.17 Deg
S/C to Body Center : 1978377. Km (27.672706 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Frame : 18



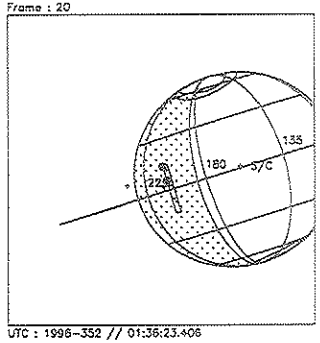
UTC : 1996-352 // 01:16:23.406
SCLK: 1/03743883:02:0:1

Frame : 19



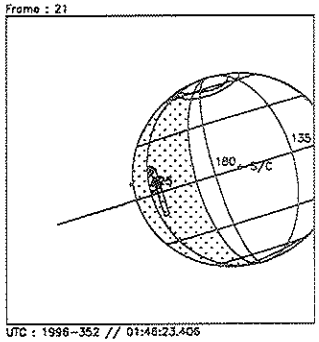
UTC : 1996-352 // 01:26:23.406
SCLK: 1/03743892:83:0:1

Frame : 20



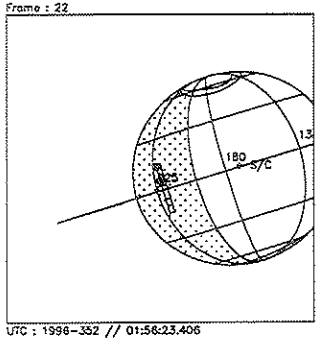
UTC : 1996-352 // 01:36:23.406
SCLK: 1/03743702:73:0:1

Frame : 21



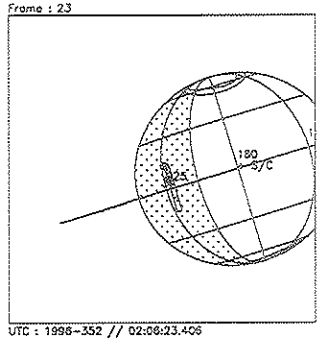
UTC : 1996-352 // 01:46:23.406
SCLK: 1/03743712:63:0:1

Frame : 22



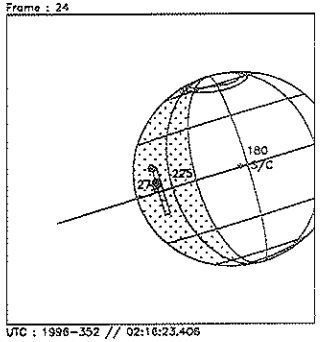
UTC : 1996-352 // 01:56:23.406
SCLK: 1/03743722:53:0:1

Frame : 23



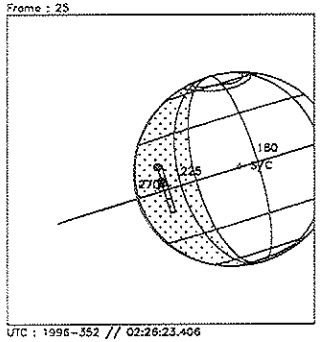
UTC : 1996-352 // 02:06:23.406
SCLK: 1/03743732:43:0:1

Frame : 24



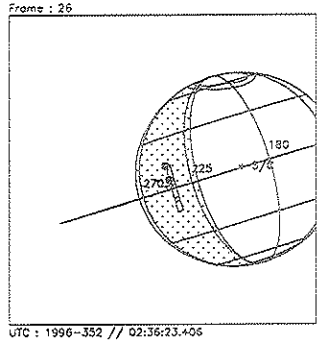
UTC : 1996-352 // 02:16:23.406
SCLK: 1/03743742:33:0:1

Frame : 25



UTC : 1996-352 // 02:26:23.406
SCLK: 1/03743752:23:0:1

Frame : 26



UTC : 1996-352 // 02:36:23.406
SCLK: 1/03743762:13:0:1

Start UTC_TIME : 1996-351 // 22:16:23.406
End UTC_TIME : 1996-352 // 02:39:16.730
Start SCLK : 1/03743505:00:0:0
Delta Time between FOV : 600.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 120.66/ 89.17 Deg
S/C to Body Center : 1938653. Km (27.117057 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUBFRDMP **SeqNo** 04-

Title FEATURE TRACK BUFFER DUMP **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System UTC **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000674:05:0	96-352/15:30:45.466	JFC-000/11:21:33.267
End	JFC-CDS 00000671:79:0	96-352/15:32:58.133	JFC-000/11:19:20.600
Duration	00000002:17:0	000/00:02:12.667	000/00:02:12.667

Top Label E4JUBFRDMP04-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	28	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	Yes

Observation Objective

AWG feature track buffer dump to tape for benefit of FPSG.

[NOTE: MWG moveable.]

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384___  00  00 COMMNT UVS RIM 0
411AD   28  00 BFRDUMP PAUSE_PB = FALSE, SLEW_DMS = FALSE, RESUME_PB = FALSE
```

Activity ID: Orbit E4 OAPEL JUFTKR1E SeqNo 11-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000633:00:0	96-352/16:12:16.733	JFC-000/10:40:02.000
End	JFC-CDS 00000627:00:0	96-352/16:18:20.733	JFC-000/10:33:58.000
Duration	00000006:00:0	000/00:06:04.000	000/00:06:04.000

Top Label E4JUFTKR1E11-

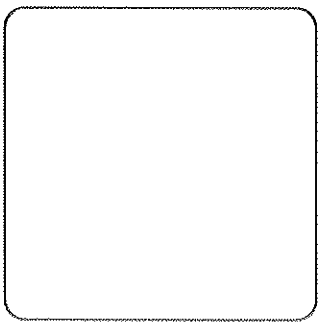
Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 243 **Report Options** BOTH **Scan Platform** No

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective



AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 1, follows 4 color SSI (E4JSHOTSPT01) 1x4.

Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 21 Rj.

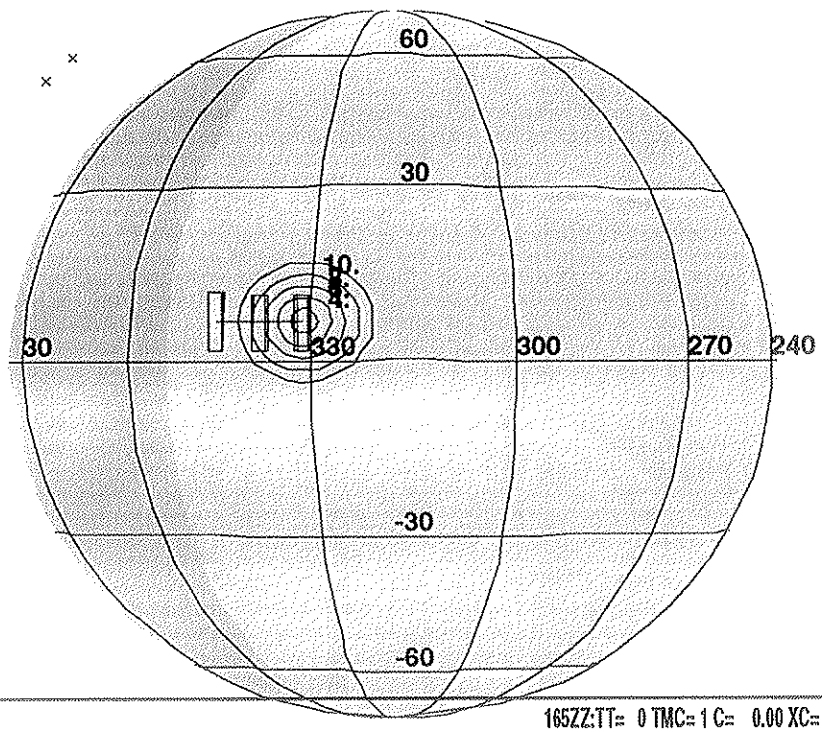
Last cn/ck = TBD.

(4)	(3)	(2)	(1)	SSI
6.6/344	6.5/335	6.5/327	6.4/318	

(1)	(2)	(3)	UVS
6.6/344	6.5/338	6.4/331	

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AF   00   00 COMMNT UVS RIM 0
165IA   00 -03 TARGET Lat/Lon = 6.5/331 (RA/Dec = 142.06/-29.03)
118IA   00 -03 SMOS    (starting RA/Dec = 238.16/-21.96)
349KE   28 -02+UVFLSH DISCRD,UVS
157AG   94 -01 CMDRS   PLAN_DUR = 47 RIMS; EST_UVS_CMDS = 6
           00      1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
           06      7
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
           16      17
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
           22      23
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
           25      26
34UVS/UVG:E3,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,1A,8E,00,00
           45      46
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
117AC   37   00 CSMOS   3 repositions; 1 subcsmos (-5.7 mrad cone_del_R)
349KF   28   00+UVFLSH PACKET,UVS (1)
349KG   28   02+UVFLSH PACKET,UVS (2)
```



165ZZ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0052 TC= 1(6.6 344)
A= 182 pD= 182 SR=17.450 RA50=239.50 DEC50=-22.19 cone=134.58 clock= 89.52
117AC:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/0598
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= -5.70 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/21/1996 23:59:27

ILE:P.E4JUFTKR1E11

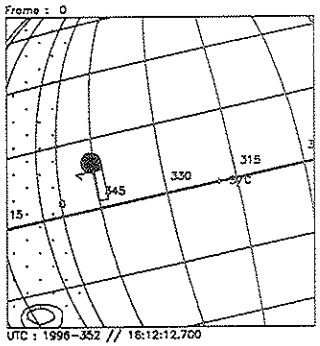
ENTRAL BODY:JUPITER III

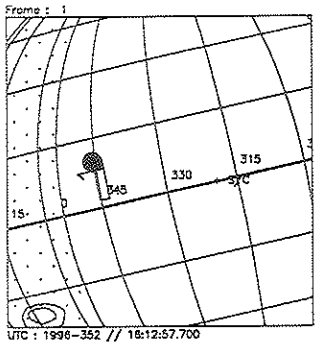
INI:m.E4JUFTKR1E11

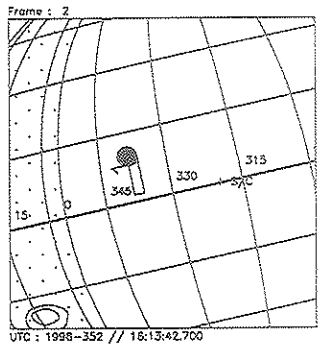
EPH:/DATA/NAVIO/T-960909-TOUR.NS

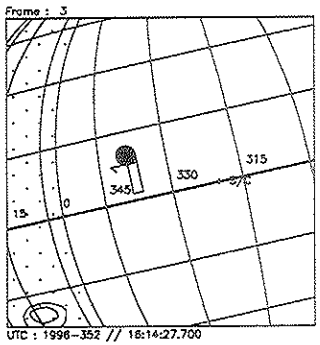
APSIS: THINNING: :UVS 1

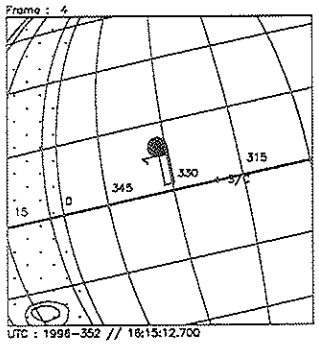
TART:JFC 96-353/02:52:18.733 -CDS 636:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

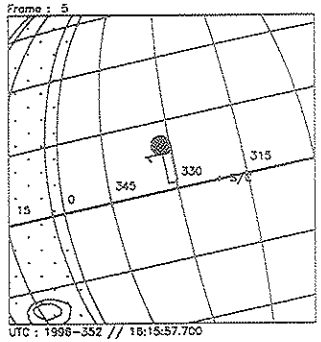


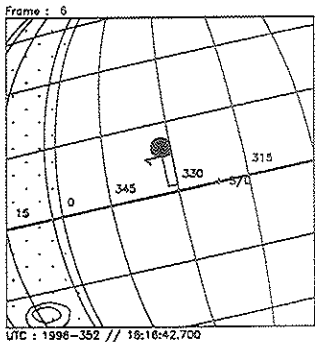


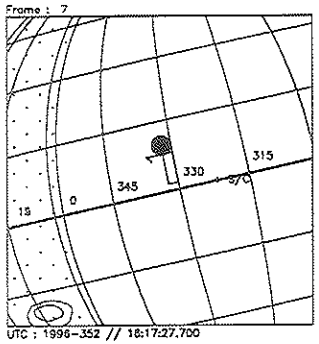


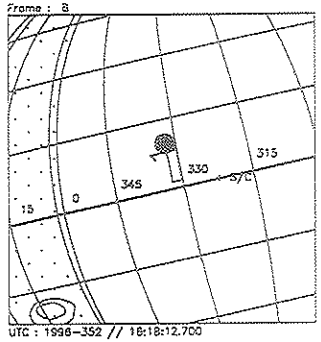












Start UTC_TIME : 1996-352 // 16:12:12.700
End UTC_TIME : 1996-352 // 16:18:16.700
Start SCLK : 1/03744569:00:0:0
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 133.41/ 89.13 Deg
S/C to Body Center : 1522354. Km (21.294045 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 OAPEL JUFTKR1E SeqNo 12-

Title HOT SPOT FEATURE TRACK Instrument UVS

Requestor UVS-AWG/W. KENT TOBISKA Team UVS Working Group AWG

Time System CDS Load ID E4A Calendar Date 12/17/96 Week 51

Start	JFC-CDS 00000617:00:0	96-352/16:28:27.400	JFC-000/10:23:51.333
End	JFC-CDS 00000611:00:0	96-352/16:34:31.400	JFC-000/10:17:47.333
Duration	00000006:00:0	000/00:06:04.000	000/00:06:04.000

Top Label E4JUFTKR1E12-

Bottom Label realtime

Plot Key UVS Type SCI

CDS Bytes 121 Report Options BOTH Scan Platform No

CDS Source OAP Spin State DUAL DMS No

Observation Objective

AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 1, follows 2 color SSI (E4JSHOTSPS01) 1x3.

Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 21 Rj.

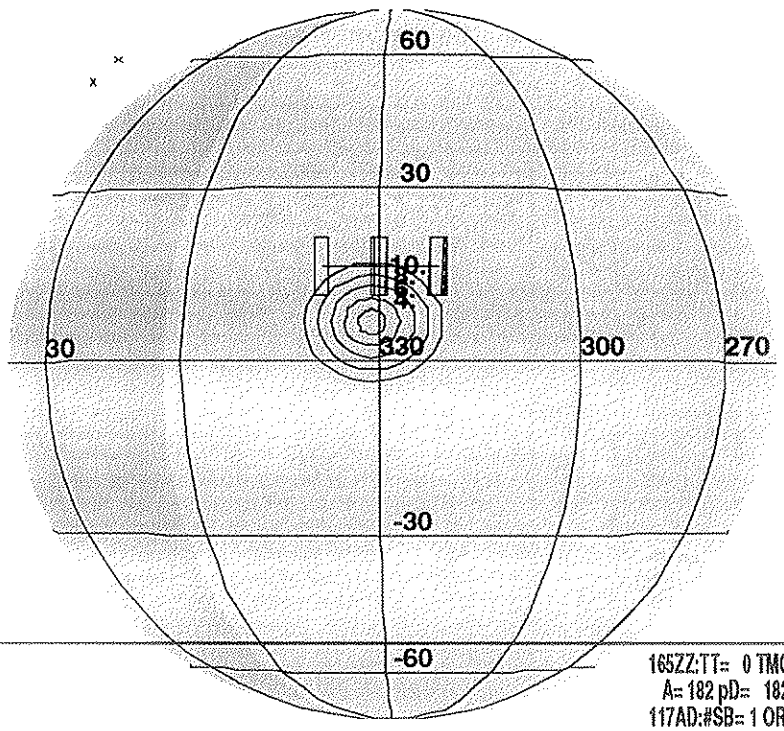
Last cn/ck = TBD.

(3)	(2)	(1)	SSI
16/339	16/330	16/321	

(1)	(2)	(3)	UVS
16/338	16/330	16/321	

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AG   00   00  COMMNT  UVS RIM 0
165IB   00  -02  TARGET  Lat/lon = 16/321 (RA/Dec = 115.35/-6.63)
118IB   00  -02  SMOS     (starting RA/Dec = 238.56/-21.62)
117AD   37   00  CSMOS    3 repositions; 1 subcsmos (-7.41 mrad cone_del_R)
349KJ   28   00+UVFLSH  PACKET,UVS  (4)
349KK   28   02+UVFLSH  PACKET,UVS  (5)
349KL   28   04+UVFLSH  PACKET,UVS  (6)
```



165ZZ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/3146 TC= 1(16 338)
A= 182 pD= 182 SR=17.450 RA50=239.13 DEC50=-21.70 cone=134.14 clock= 90.09
117AD:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/3510
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= -7.40 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/22/1996 0:13:46

ILE:P.E4JUFTKR1E12

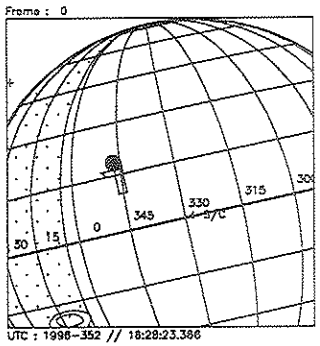
ENTRAL BODY:JUPITER III

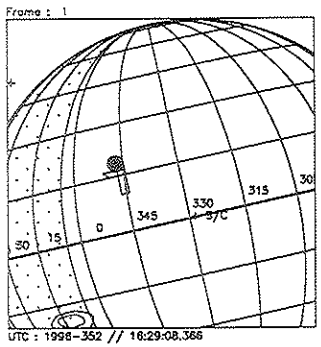
INI:m.E4JUFTKR1E12

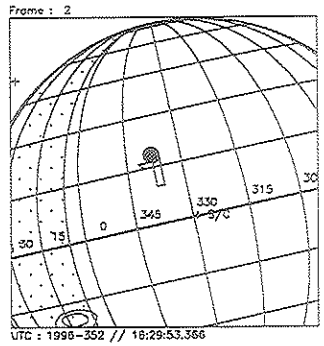
/^ SPH:/DATA/NAVIO/T-960909-TOUR.NS

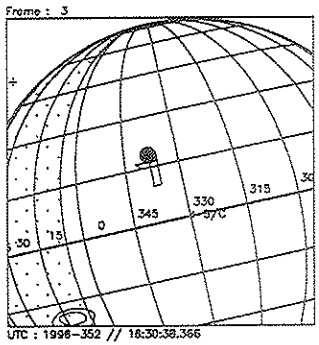
.APSIS: THINNING: :UVS 1

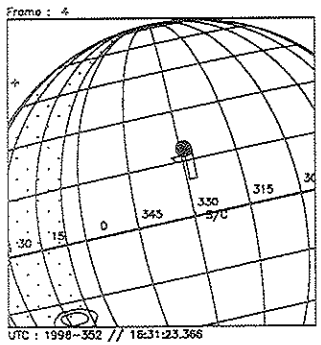
TART:JFC 96-353/02:52:18.733 -CDS 619:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

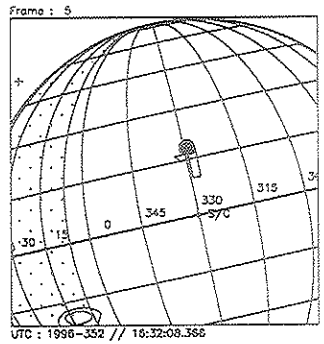


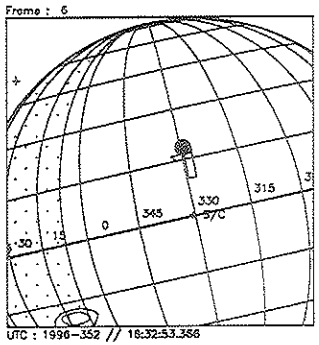


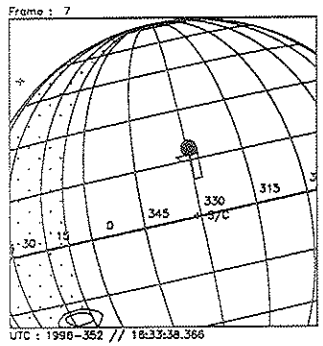


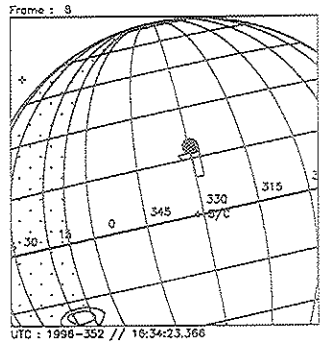












Start UTC_TIME : 1996-352 // 16:28:23.366
End UTC_TIME : 1996-352 // 16:34:27.366
Start SCLK : 1/03744585:00:0:0
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Ra/Dec : 238.52/-22.29 Deg
S/C to Body Center : 1514494. Km (21.184111 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID:	Orbit E4	OAPEL JUFTKR1E	SeqNo 13-
Title	HOT SPOT FEATURE TRACK		**Instrument** UVS
Requestor	UVS-AWG/W. KENT TOBISKA	**Team** UVS	**Working Group** AWG

Time System	CDS	**Load ID**	E4A	**Calendar Date** 12/17/96	Week 51

Start	JFC-CDS 00000608:00:0	96-352/16:37:33.400	JFC-000/10:14:45.333
End	JFC-CDS 00000599:00:0	96-352/16:46:39.400	JFC-000/10:05:39.333
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	E4JUFTKR1E13-				
Bottom Label	realtime				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	64	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

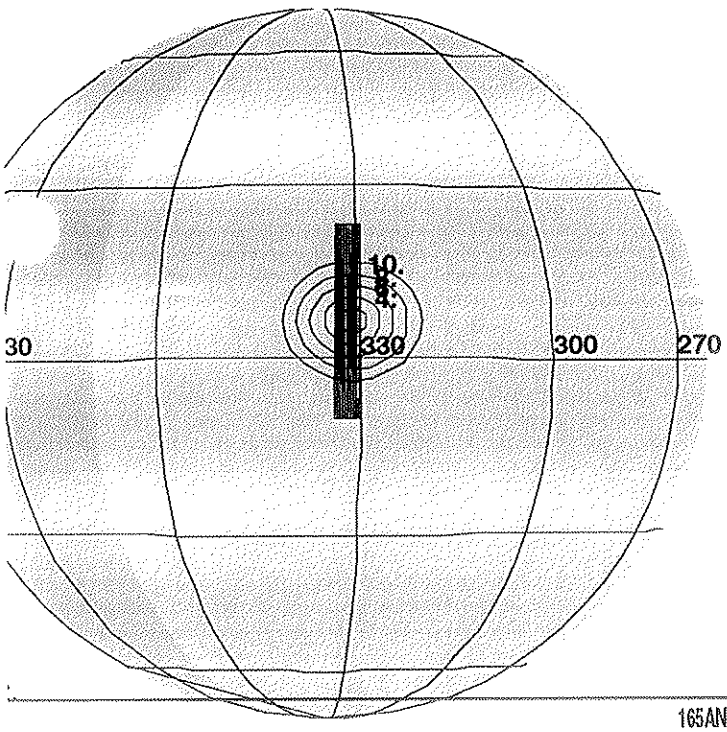
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 1, independent UVS observation.

Realtime observation; G/G mini scan on hot spot set up by observations preceeding this one. Distance from Jupiter = 21 Rj.

Last cn/ck = TBD.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AH   00  00 COMMNT UVS RIM 0
165AN   36  01 TARGET Lat/lon = 6.5/331 (RA/Dec = 238.49/-22.02)
349KM   28  08+UVFLSH PACKET,UVS (7)
```



165AN:TT= 0 TMC=1 C= 0.00 XC= 0.00 BS=0/5330 TC=1(6.5 331)
A=182 pD= 182 SR=17.450 RA50=238.56 DEC50=-22.00 cone=133.69 clock=89.54

ESIGN G2.0 kent :10/22/1996 0:16:14

ILE:P.E4JUFTKR1E13

ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E13

PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS: THINNING: :UVS 1

TART:JFC 96-353/02:52:18.733 -CDS 607:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

Activity ID:	**Orbit** E4	**OAPEL** JUFTKR1E		**SeqNo** 14-	
Title	HOT SPOT FEATURE TRACK			**Instrument**	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	**Team**	UVS	**Working Group**	AWG

Time System	CDS	**Load ID**	E4A	**Calendar Date**	12/17/96 Week 51

Start	JFC-CDS 00000599:00:0	96-352/16:46:39.400	JFC-000/10:05:39.333
End	JFC-CDS 00000588:00:0	96-352/16:57:46.733	JFC-000/09:54:32.000
Duration	00000011:00:0	000/00:11:07.333	000/00:11:07.333

Top Label	E4JUFTKR1E14-				
Bottom Label	realtime				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	64	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

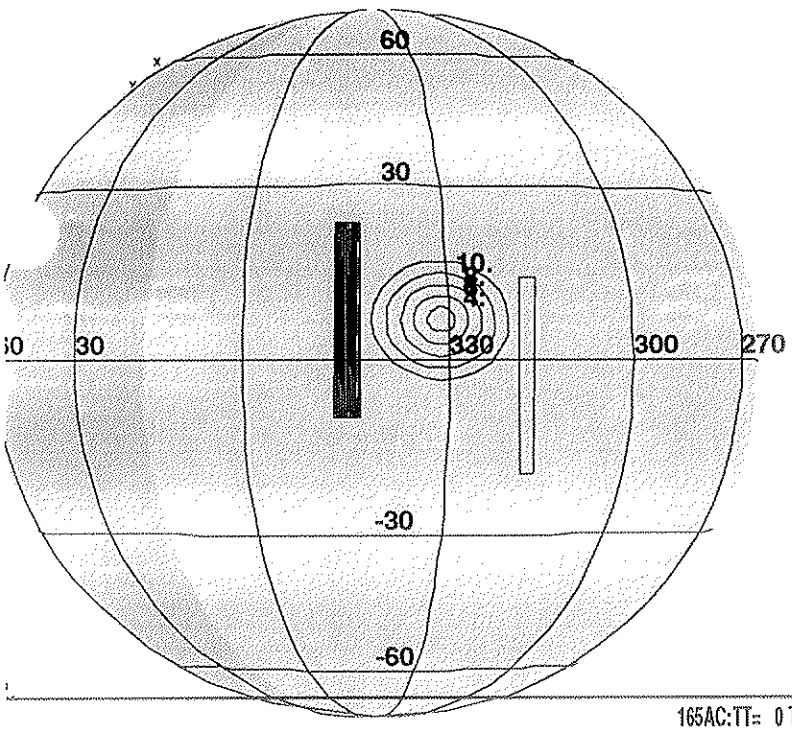
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 1, independent UVS observation.

Realtime observation; G/G mini scan off hot spot set up by observations preceeding this one. Distance from Jupiter = 21 Rj.

Last cn/ck = 133/89.

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AI   00   00  COMMNT  UVS RIM 0
165AC   36   01  TARGET  Lat/lon=6.5/331; cone_off=11.0 mrad (RA/Dec=239.06/-22.12)
349KQ   28   09+UVFLSH  PACKET,UVS (8)
```



165AC:TT= 0 TMC= 1 C= 11.00 XC= 0.00 BS= 0/6968 TC= 1(6.5 331)
A= 182 pD= 182 SR=17.450 RA50=239.13 DEC50=-22.11 cone=134.23 clock= 89.54

ESIGN G2.0 kent :10/22/1996 0:24:40

ILE:P.E4JUFTKR1E14

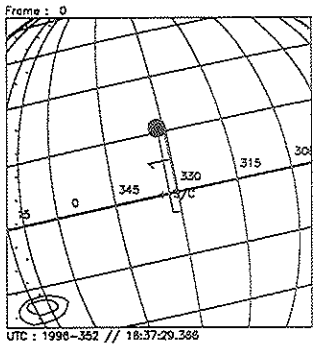
ENTRAL BODY:JUPITER III

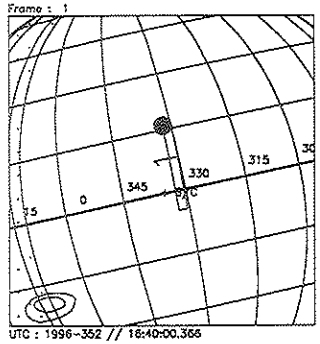
INI:m.E4JUFTKR1E14

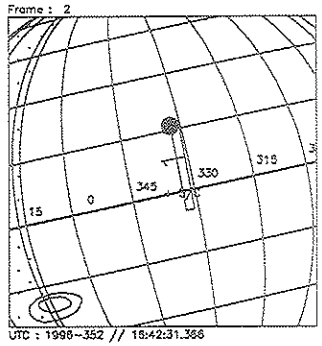
/C EPH:/DATA/NAVIO/T-960909-TOUR.NS

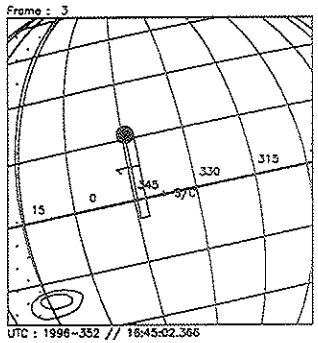
. APSIS: THINNING: :UVS 1

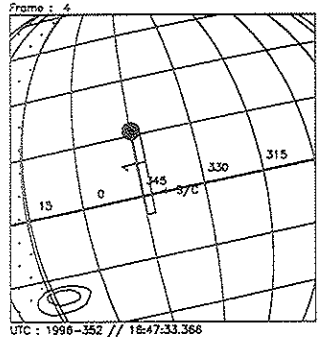
TART:JFC 96-353/02:52:18.733 -CDS 598:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

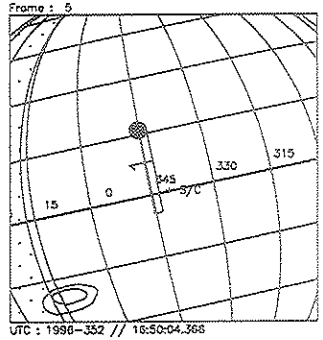


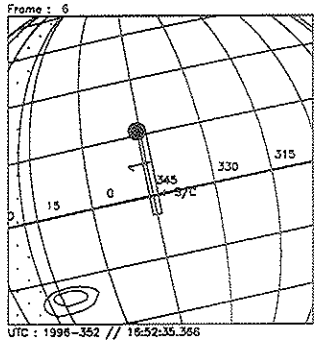


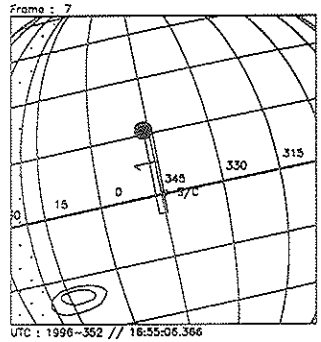


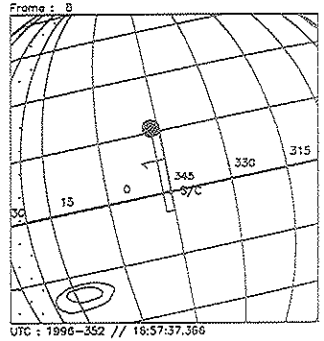












Start UTC_TIME : 1996-352 // 16:37:29.366
End UTC_TIME : 1996-352 // 16:57:42.698
Start SCLK : 1/03744594:00:0:0
Delta Time between FOV : 151.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Ra/Dec : 238.69/-22.33 Deg
S/C to Body Center : 1510069. Km (21.122204 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 OAPEL JUFTKR1E SeqNo 21-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000570:00:0	96-352/17:15:58.733	JFC-000/09:36:20.000
End	JFC-CDS 00000562:00:0	96-352/17:24:04.067	JFC-000/09:28:14.666
Duration	00000008:00:0	000/00:08:05.334	000/00:08:05.334

Top Label E4JUFTKR1E21-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	243	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 2, follows 4 color SSI (E4JSHOTSPT02) 1x4.

Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 20 Rj.

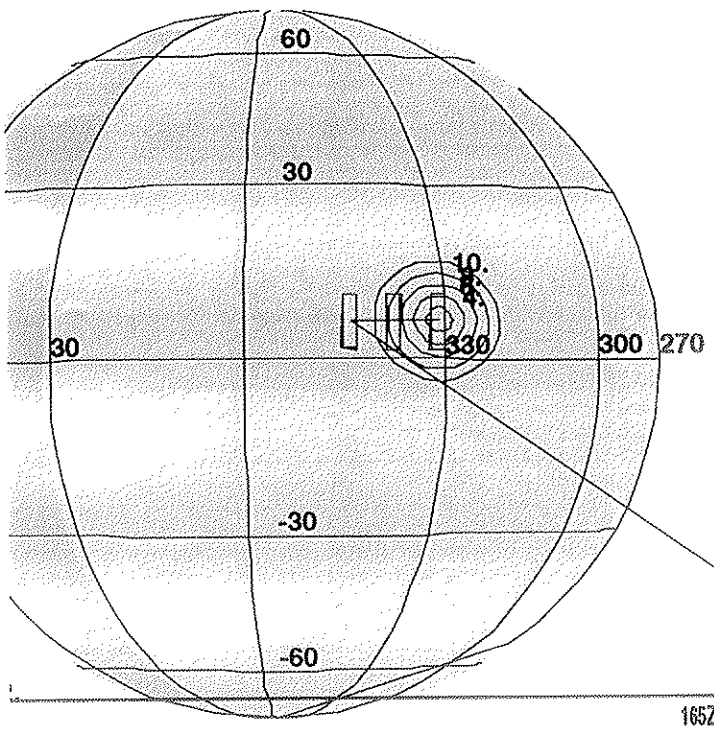
Last cn/ck = TBD.

(4)	(3)	(2)	(1)	SSI
6.5/344	6.5/335	6.5/326	6.5/316	

(1)	(2)	(3)	UVS
6.5/344	6.4/338	6.4/331	

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AJ   00  00 COMMNT UVS RIM 0
165ID   00 -03 TARGET Lat/lon = 6.5/331 (RA/Dec = 142.22/-28.92)
118ID   00 -03 SMOS    (starting RA/Dec = 237.58/-21.83)
349KR   28 -02+UVFLSH DISCRD,UVS
157AH   94 -01 CMDRS   PLAN_DUR = 41 RIMS; EST_UVS_CMDS = 6
           00      1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
           06      7
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
           10      11
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
           16      17
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
           19      20
34UVS/UVG:E3,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,1A,8E,00,00
           39      40
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
117AF  37   00 CSMOS  3 repositions; 1 subcsmos (-5.7 mrad cone_del_R)
349KS  28   00+UVFLSH PACKET,UVS (1)
349KT  28   02+UVFLSH PACKET,UVS (2)
```



165ZZ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/1518 TC= 1(6.5 344)
A= 182 pD= 182 SR=17.450 RA50=238.87 DEC50=-22.05 cone=133.98 clock= 89.55
117AF:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/2064
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= -5.70 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/31/1996 13:51:24

ILE:P.E4JUFTKR1E21

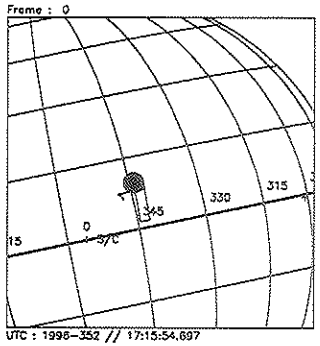
ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E21

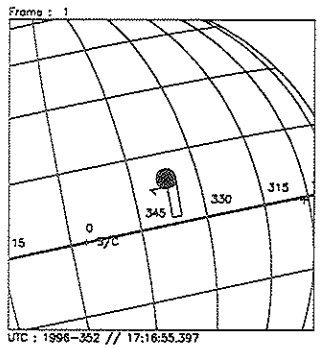
'- :PH:/DATA/NAVIO/T-960909-TOUR.NS

- .APSIS: THINNING: :UVS 1

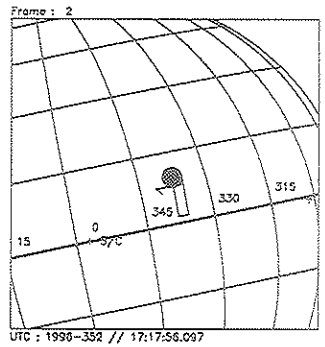
TART:JFC 96-353/02:52:18.733 -CDS 573:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000



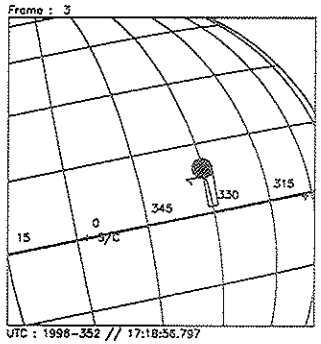
UTC : 1996-352 // 17:15:54.697
SCLK: 1/03744632:00:0:0



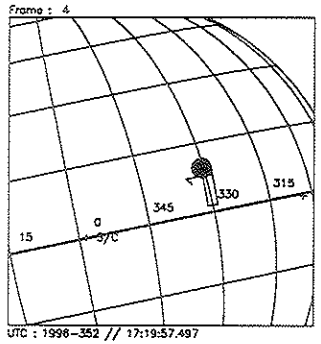
UTC : 1996-352 // 17:16:55.397
SCLK: 1/03744633:00:0:4



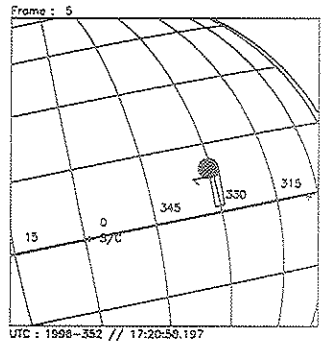
UTC : 1996-352 // 17:17:56.097
SCLK: 1/03744634:00:1:0



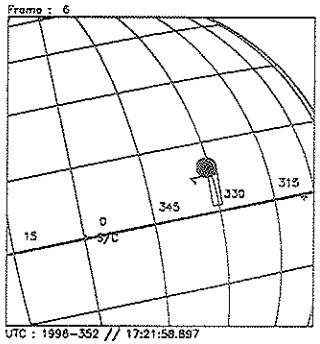
UTC : 1998-352 // 17:18:56.797
SCLK: 1/03744635:00:1:4



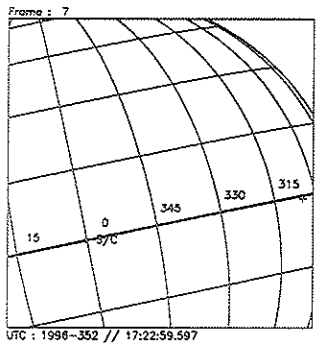
UTC : 1998-352 // 17:19:57.497
SCLK: 1/03744638:00:2:0



UTC : 1998-352 // 17:20:58.197
SCLK: 1/03744637:00:2:4



UTC : 1998-352 // 17:21:58.897
SCLK: 1/03744638:00:3:0



UTC : 1998-352 // 17:22:59.597
SCLK: 1/03744639:00:3:4

Start UTC_TIME : 1996-352 // 17:15:54.697
End UTC_TIME : 1996-352 // 17:24:00.031
Start SCLK : 1/03744632:00:0:0
Delta Time between FOV : 60.70000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 134.60/ 89.13 Deg
S/C to Body Center : 1491343. Km (20.860277 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUFTKR1E **SeqNo** 22-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000560:00:0	96-352/17:26:05.400	JFC-000/09:26:13.333
End	JFC-CDS 00000554:00:0	96-352/17:32:09.400	JFC-000/09:20:09.333
Duration	00000006:00:0	000/00:06:04.000	000/00:06:04.000

Top Label E4JUFTKR1E22-

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 121 **Report Options** BOTH **Scan Platform** No

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 2, follows 2 color SSI (E4JSHOTSPS02) 1x3.

Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 20 Rj.

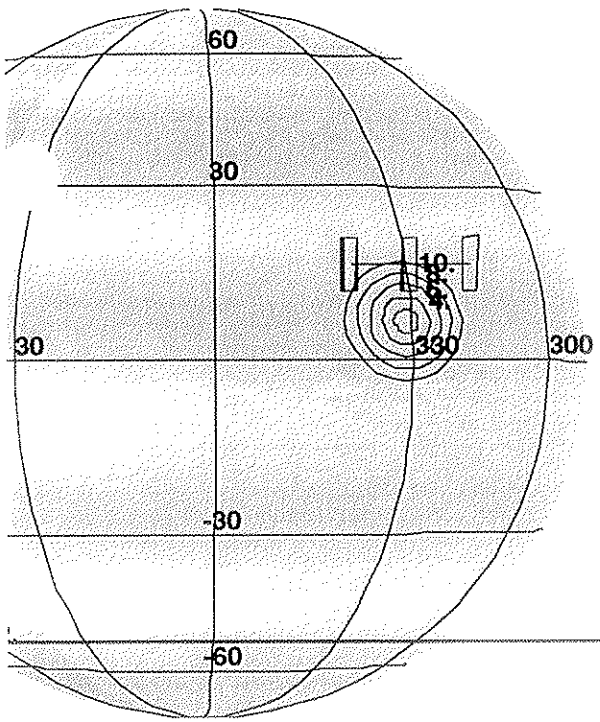
Last cn/ck = TBD.

(3)	(2)	(1)	SSI
16/339	16/330	16/319	

(1)	(2)	(3)	UVS
16/339	16/329	16/317	

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AK   00   00 COMMNT UVS RIM 0
165IE   00 -02 TARGET Lat/lon = 16/319 (RA/Dec = 115.41/-6.61)
118IE   00 -02 SMOS    (starting RA/Dec = 237.98/-21.48)
117AG   37   00 CSMOS   3 repositions; 1 subcsmos (-7.4 mrad cone_del_R)
349KW   28   00+UVFLSH PACKET,UVS (4)
349KX   28   02+UVFLSH PACKET,UVS (5)
349KY   28   04+UVFLSH PACKET,UVS (6)
```



165ZZ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/3520 TC= 1(16 339)
A= 182 pD= 182 SR=17.450 RA50=238.64 DEC50=-21.59 cone=133.67 clock= 90.12
117AG:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/3084
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= -7.40 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/22/1996 0:42:19

ILE:P.E4JUFTKR1E22

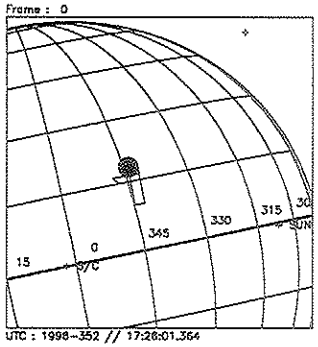
ENTRAL BODY:JUPITER III

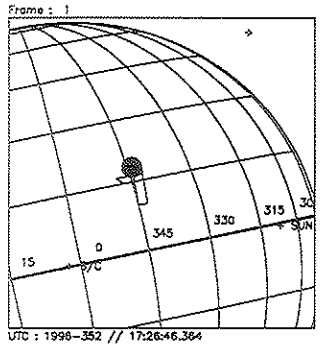
INI:m.E4JUFTKR1E22

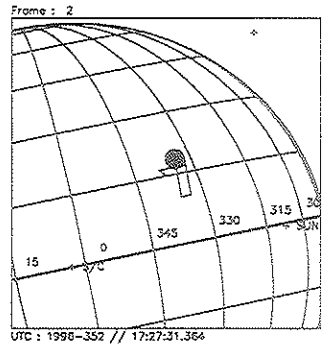
'' ''PH:/DATA/NAVIO/T-960909-TOUR.NS

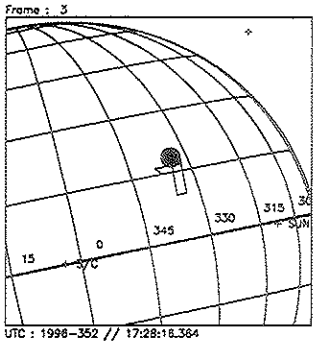
.. .APSIS: THINNING: :UVS 1

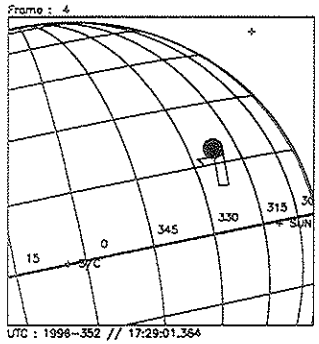
TART:JFC 96-353/02:52:18.733 -CDS 562:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

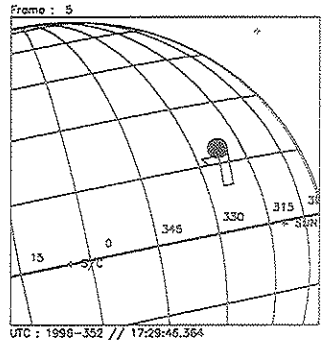


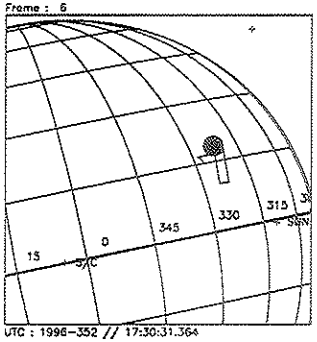


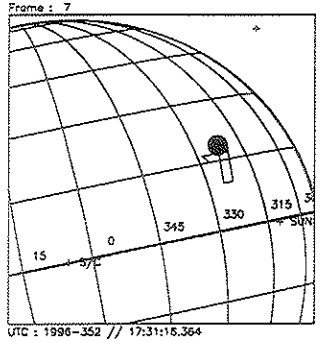


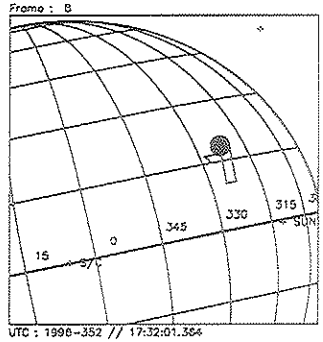












Start UTC_TIME : 1996-352 // 17:26:01.364
End UTC_TIME : 1996-352 // 17:32:05.364
Start SCLK : 1/03744642:00:0:0
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 134.79/ 89.13 Deg
S/C to Body Center : 1486405. Km (20.791206 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 OAPEL JUFTKR1E SeqNo 23-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 Week 51

Start	JFC-CDS 00000551:00:0	96-352/17:35:11.400	JFC-000/09:17:07.333
End	JFC-CDS 00000542:00:0	96-352/17:44:17.400	JFC-000/09:08:01.333
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label E4JUFTKR1E23-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	64	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

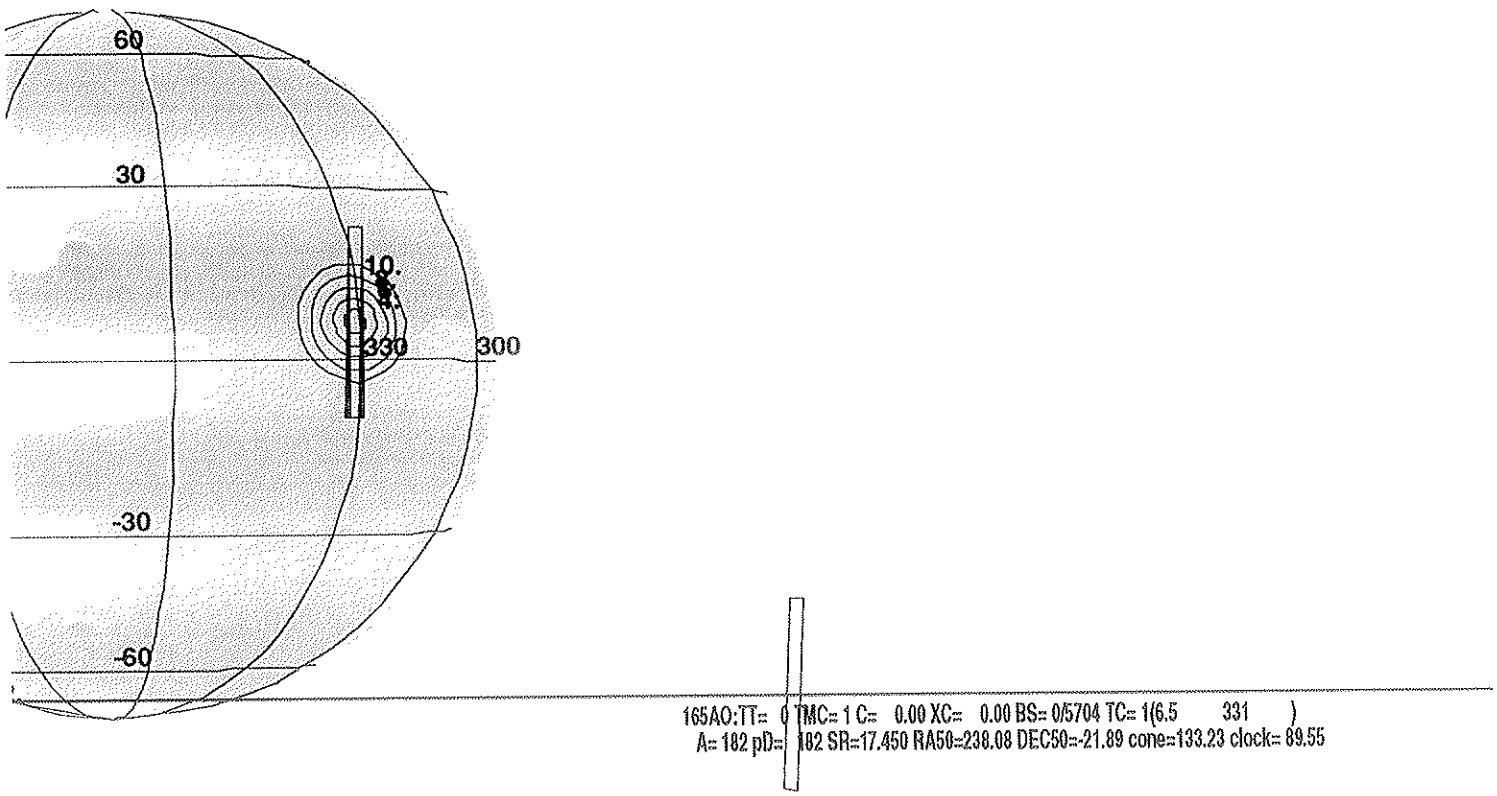
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 2, independent UVS observation.

Realtime observation; G/G mini scan on hot spot set up by observations preceeding this one. Distance from Jupiter = 20 Rj.

Last cn/ck = TBD.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AL   00   00 COMMNT UVS RIM 0
165AO   36   01 TARGET Lat/lon = 6.5/331 (RA/Dec = 238.01/-21.91)
349KZ   28   08+UVFLSH PACKET,UVS (7)
```



ESIGN G2.0 kent :10/22/1996 0:45:45

ILE:P.E4JUFTKR1E23

ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E23

/C EPH:/DATA/NAVIO/T-960909-TOUR.NS

. .APSIS: THINNING: :UVS 1

TART:JFC 96-353/02:52:18.733 -CDS 550:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

Activity ID: Orbit E4 **OAPEL** JUFTKR1E **SeqNo** 24-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000542:00:0	96-352/17:44:17.400	JFC-000/09:08:01.333
End	JFC-CDS 00000531:00:0	96-352/17:55:24.733	JFC-000/08:56:54.000
Duration	00000011:00:0	000/00:11:07.333	000/00:11:07.333

Top Label E4JUFTKR1E24-

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 64 **Report Options** BOTH **Scan Platform** Yes

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

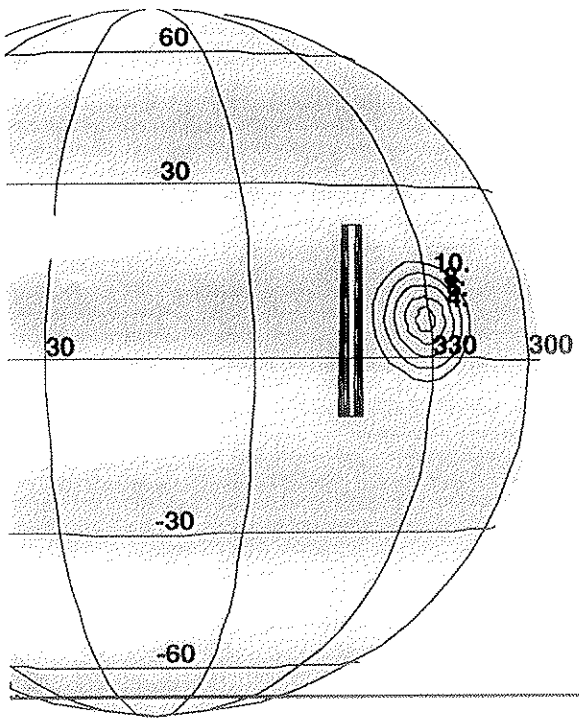
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 2, independent UVS observation.

Realtime observation; G/G mini scan off hot spot set up by observations preceeding this one. Distance from Jupiter = 20 Rj.

Last cn/ck = 133/89.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AM   00   00 COMMNT UVS RIM 0
165AD   36   01 TARGET Lat/lon=6.5/331; cone_off=9.0 mrad (RA/Dec=238.52/-22.01)
349LD   28   09+UVFLSH PACKET,UVS (8)
```



165AD:TT= 0 TMC= 1 C= 9.00 XC= 0.00 BS= 0/7342 TC= 1(6.5 331)
A= 70 pD= 182 SR=17.450 RA50=238.59 DEC50=-21.99 cone=133.72 clock= 89.55

ESIGN G2.0 kent :10/22/1996 0:53:12

ILE:P.E4JUFTKR1E24

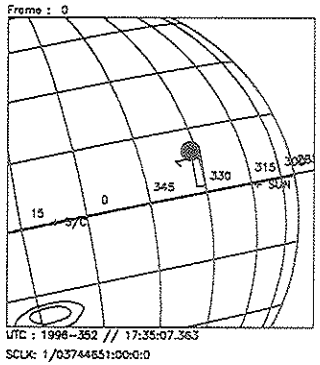
ENTRAL BODY:JUPITER III

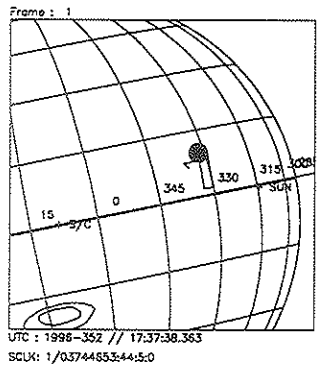
INI:m.E4JUFTKR1E24

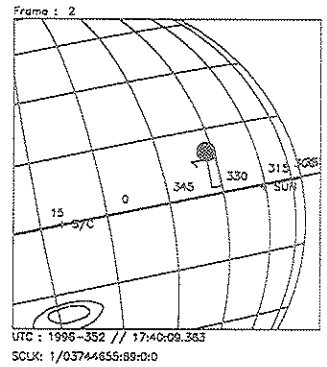
/C PH:/DATA/NAVIO/T-960909-TOUR.NS

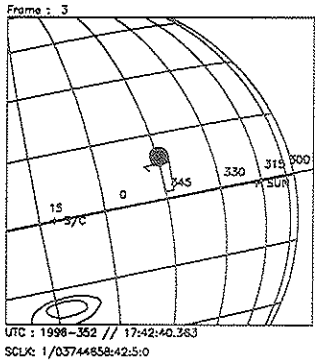
. APSIS: THINNING: :UVS 1

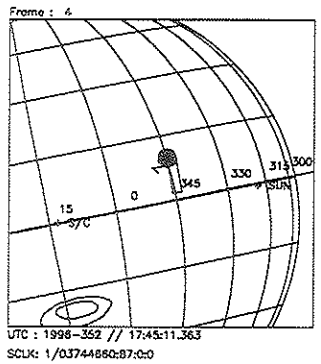
TART:JFC 96-353/02:52:18.733 -CDS 541:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

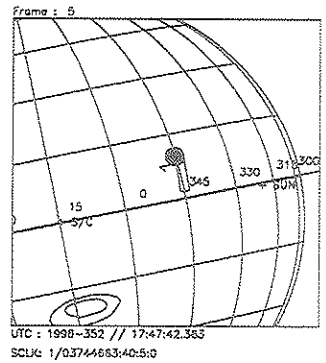


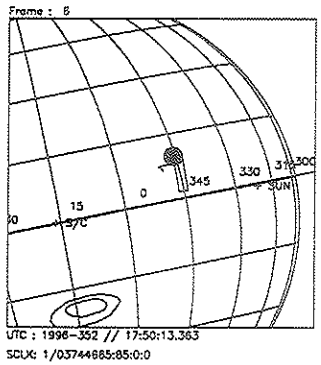


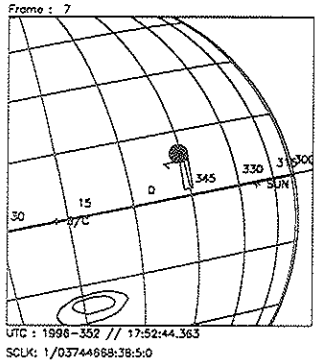


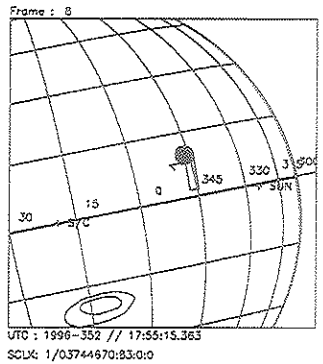












Start UTC_TIME : 1996-352 // 17:35:07.363
End UTC_TIME : 1996-352 // 17:55:20.696
Start SCLK : 1/03744651:00:0:0
Delta Time between FOV : 151.0000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 134.96/ 89.13 Deg
S/C to Body Center : 1481957. Km (20.728991 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUFTKR1E **SeqNo** 31-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

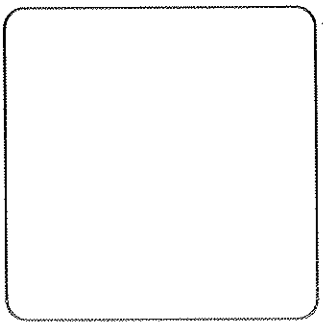
Start	JFC-CDS 00000525:00:0	96-352/18:01:28.733	JFC-000/08:50:50.000
End	JFC-CDS 00000515:00:0	96-352/18:11:35.400	JFC-000/08:40:43.333
Duration	00000010:00:0	000/00:10:06.667	000/00:10:06.667

Top Label E4JUFTKR1E31-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	237	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective



AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 3, preceeds 4 color SSI (E4JSHOTSPT03) 1x3.

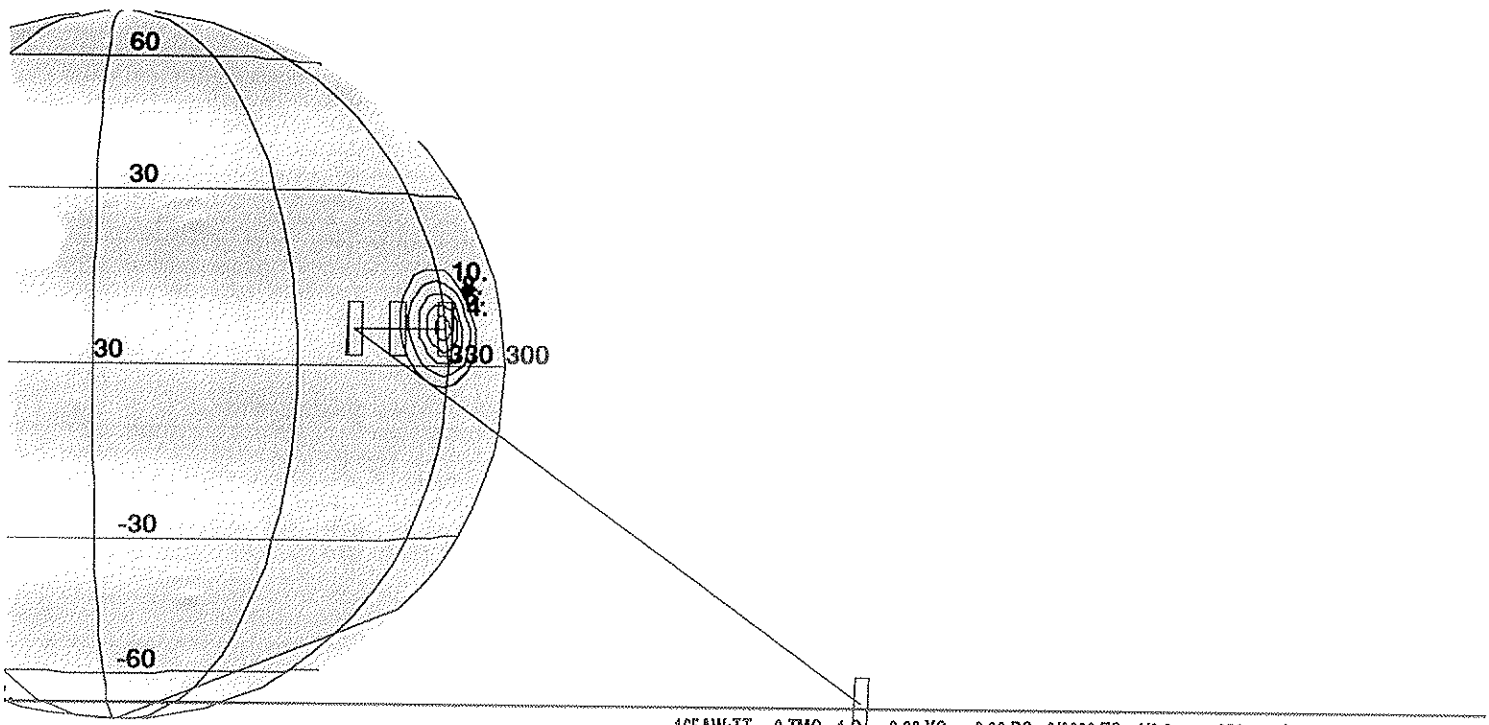
Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 20 Rj.

Last cn/ck = TBD.

	(3)	(2)	(1)	
SSI	6.3/01.6	6.4/350	6.5/331	
UVS	6.3/350	6.3/341	6.3/331	

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AN   00   00 COMMNT UVS RIM 0
349LE   28   02+UVFLSH DISCRD,UVS
157AI   52   03 CMDRS  PLAN_DUR = 23 RIMS; EST_UVS_CMDS = 3
             04      1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
             14      11
34UVS/UVG:E3,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,1A,8E,00,00
             25      22
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AW   36   04 TARGET Lat/lon = 6.3/350 (RA/Dec = 238.66/-22.04)
117AI   37   04 CSMOS  3 repositions; 1 subcsmos (-5.5 mrad cone_del_R)
349LF   28   04+UVFLSH PACKET,UVS (1)
349LG   28   06+UVFLSH PACKET,UVS (2)
349LH   28   08+UVFLSH PACKET,UVS (3)
```



165AW:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0982 TC= 1(6.3 350)
A= 728 pD= 182 SR=17.450 RA50=238.73 DEC50=-22.03 cone=133.85 clock= 89.55
117AI:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/0982
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= -5.50 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/22/1996 1: 8:43

LE:P.E4JUFTKR1E31

ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E31

PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS: THINNING: :UVS 1

TART:JFC 96-353/02:52:18.733 -CDS 521:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

Activity ID: Orbit E4 **OAPEL** JUFTKR1E **SeqNo** 32-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000515:00:0	96-352/18:11:35.400	JFC-000/08:40:43.333
End	JFC-CDS 00000511:00:0	96-352/18:15:38.067	JFC-000/08:36:40.666
Duration	00000004:00:0	000/00:04:02.667	000/00:04:02.667

Top Label E4JUFTKR1E32-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	129	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 3, preceeds 2 color SSI (E4JSHOTSPS03) 1x2.

Realtime observation; full F/F scan for two observations and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 20 Rj.

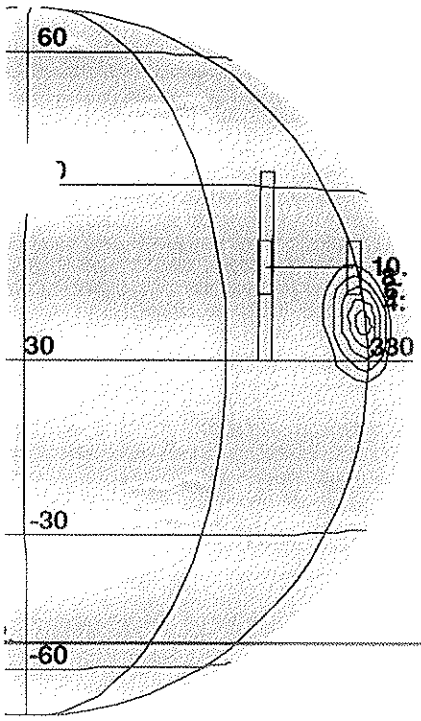
Last cn/ck = TBD.

(2)	(1)	SSI
16/351	16/331	

(2)	(1)	UVS
16/351	16/331	

Design Detail

PSID	CDS	RIM	COMMAND PARAMETERS
384AO	00	00	COMMNT UVS RIM 0
165AF	36	00	TARGET Lat/lon = 16/331 (RA/Dec = 238.19/-21.53)
117AJ	37	00	CSMOS 2 repositions; 1 subcsmos (11.0 mrad cone_del_R)
349LI	28	00+	UVFLSH PACKET,UVS (4)
349LJ	28	02+	UVFLSH PACKET,UVS (5)



165AF:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2074 TC= 1(16 331)
A= 70 pD= 182 SR=17.450 RA50=238.26 DEC50=-21.51 cone=133.31 clock= 90.12
117AJ:#SB= 1 OR= 1.000 RR=12.000 BM=F RC= 1 BS= 0/2074
1:#s= 2 Cs= 0.00 XCs= 0.00 Cr= 11.00 XCr= 0.00 sD= 272 rD= 92

ESIGN G2.0 kent :10/22/1996 1:34: 2

ILE:P.E4JUFTKR1E32

ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E32

/C PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS: THINNING: :UVS 1

TART:JFC 96-353/02:52:18.733 -CDS 515:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

Activity ID: Orbit E4 OAPEL JUFTKR1E SeqNo 33-

Title HOT SPOT FEATURE TRACK Instrument UVS

Requestor UVS-AWG/W. KENT TOBISKA Team UVS Working Group AWG

Time System CDS Load ID E4A Calendar Date 12/17/96 Week 51

Start	JFC-CDS 00000511:00:0	96-352/18:15:38.067	JFC-000/08:36:40.666
End	JFC-CDS 00000506:00:0	96-352/18:20:41.400	JFC-000/08:31:37.333
Duration	00000005:00:0	000/00:05:03.333	000/00:05:03.333

Top Label E4JUFTKR1E33-

Bottom Label realtime

Plot Key	UVS	Type	SCI		
CDS Bytes	64	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

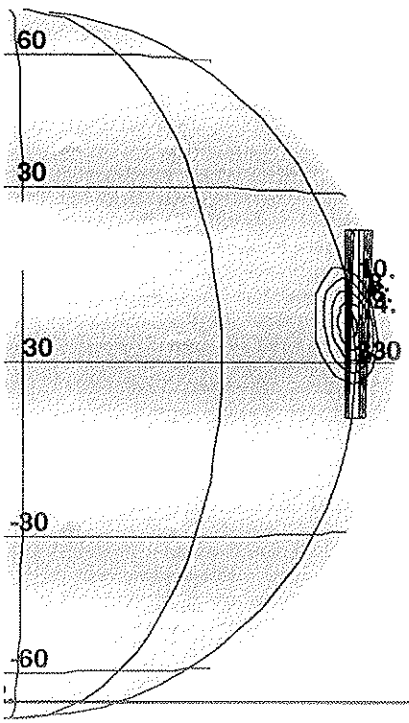
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 3, independent UVS observation.

Realtime observation; G/G mini scan on hot spot set up by observations preceeding this one. Distance from Jupiter = 20 Rj.

Last cn/ck = TBD.

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AP   00   00  COMMNT  UVS RIM 0
165AP   36   00  TARGET  Lat/lon = 6.5/331 (RA/Dec = 238.04/-21.91)
349LK   28   04+UVFLSH  PACKET,UVS (6)
```



165AP:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2802 TC= 1(6.5 331)
A= 90 pD= 182 SR=17.450 RA50=238.11 DEC50=-21.90 cone=133.26 clock= 89.55

ESIGN G2.0 kent :10/22/1996 1:36:55

ILE:P.E4JUFTKR1E33

ENTRAL BODY:JUPITER III

INI:m.E4JUFTKR1E33

PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS: THINNING: :UVS 1

TART:JFC 96-353/02:52:18.733 -CDS 511:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

Activity ID: Orbit E4 **OAPEL** JUFTKR1E **SeqNo** 34-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/17/96 **Week** 51

Start	JFC-CDS 00000506:00:0	96-352/18:20:41.400	JFC-000/08:31:37.333
End	JFC-CDS 00000500:00:0	96-352/18:26:45.400	JFC-000/08:25:33.333
Duration	00000006:00:0	000/00:06:04.000	000/00:06:04.000

Top Label E4JUFTKR1E34-

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 64 **Report Options** BOTH **Scan Platform** Yes

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

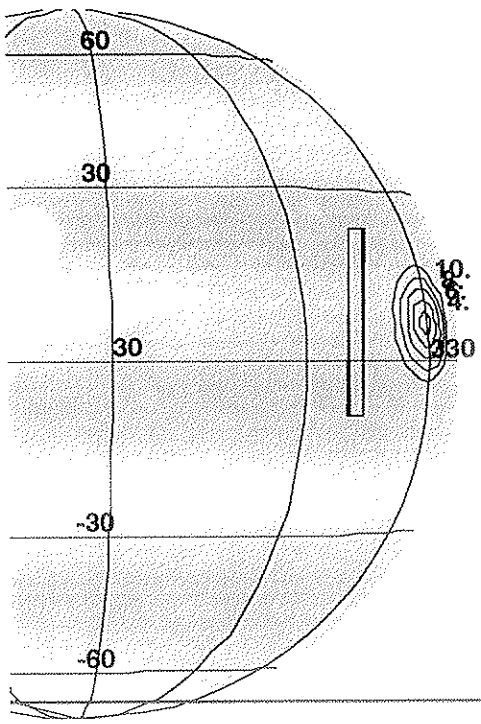
AWG hot spot (6.5/337 lat/lon) feature track (JFC epoch), rotation 1, solar phase angle 55 deg, emission angle 3, independent UVS observation.

Realtime observation; G/G mini scan off hot spot set up by observations preceeding this one. Distance from Jupiter = 20 Rj.

Last cn/ck = 133/89.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AQ   00   00 COMMNT UVS RIM 0
165AE   36   01 TARGET Lat/lon=6.5/331; cone_off=9.0 mrad (RA/Dec=238.63/-22.03)
349LM   28   04+UVFLSH PACKET,UVS (7)
```



165AE:TT= 0 TMC= 1 C= 9.00 XC= 0.00 BS= 0/3894 TC= 1(6.5 331)
A= 70 pD= 182 SR=17.450 RA50=238.70 DEC50=-22.01 cone=133.81 clock= 89.55

ESIGN G2.0 kent :10/22/1996 1:46:59

ILE:P.E4JUFTKR1E34

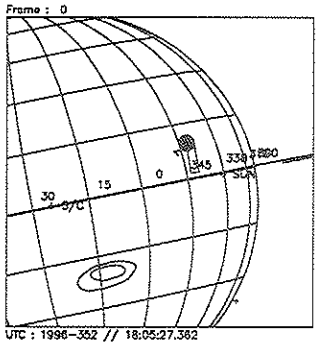
ENTRAL BODY:JUPITER III

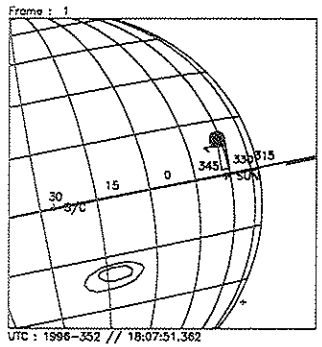
INI:m.E4JUFTKR1E34

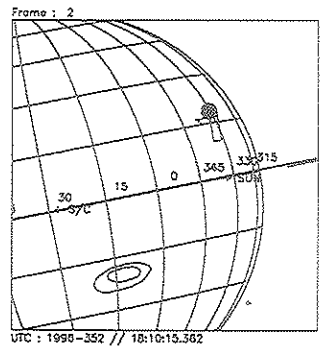
/C EPH:/DATA/NAVIO/T-960909-TOUR.NS

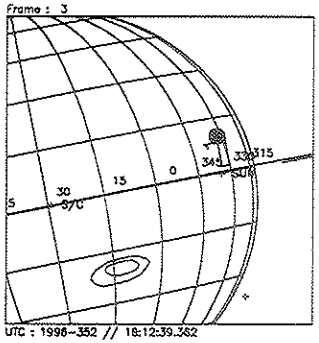
. APSIS: THINNING: :UVS 1

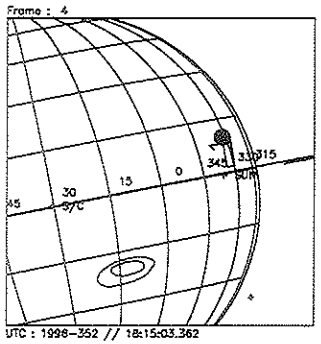
TART:JFC 96-353/02:52:18.733 -CDS 505:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

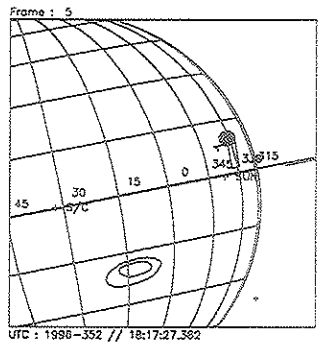


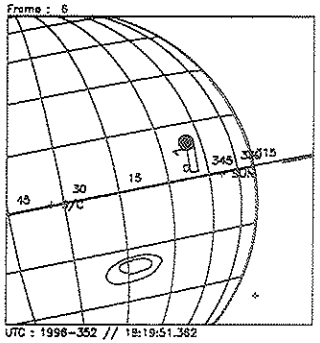


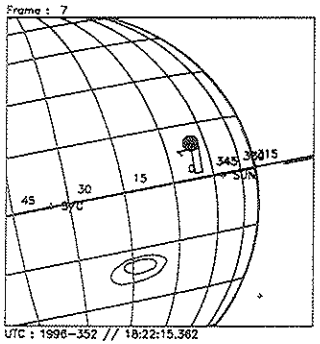


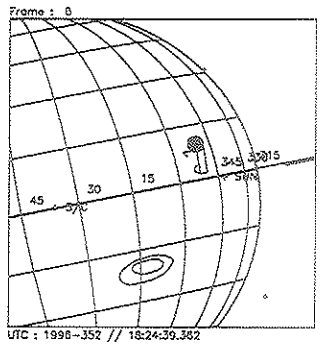












Start UTC_TIME : 1996-352 // 18:05:27.362
End UTC_TIME : 1996-352 // 18:26:41.362
Start SCLK : 1/03744681:00:0:0
Delta Time between FOV : 144.0000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 135.55/ 89.13 Deg
S/C to Body Center : 1467106. Km (20.521264 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4 **OAPEL** JUFTKH1E **SeqNo** 11+

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/20/96 **Week** 51

Start	JHP+CDS 00003094:00:0	96-355/06:30:21.399	JHP+002/04:08:22.666
End	JHP+CDS 00003110:00:0	96-355/06:46:32.066	JHP+002/04:24:33.333
Duration	00000016:00:0	000/00:16:10.667	000/00:16:10.667

Top Label E4JUFTKH1E11+

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 136 **Report Options** BOTH **Scan Platform** No

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

AWG hot spot (4/304 lat/lon) feature track (JHP epoch), rotation 1, high solar phase angle 148 deg, emission angle 1, ridealong with 2 color SSI (E4JS148PHA03) 1x1.

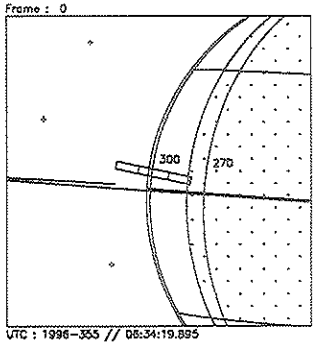
Realtime observation; on crescent full F/F scan (1 RIM) and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 18 Rj. New s/c -Z axis is RA/Dec = 191.5/6.5

Last cn/ck = TBD.

Design Detail

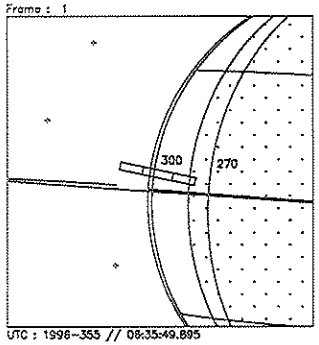
```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AS   00   00 COMMNT UVS RIM 0
349LN   28   02+UVFLSH DISCRD,UVS
157AJ   52   03 CMDRS   PLAN_DUR = 14 RIMS; EST_UVS_CMDS = 3
          04       1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
          06       3
34UVS/UVG:E3,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,1A,8E,00,00
          16      13
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165JC   00   04 TARGET Lat/lon = 4/298 (RA/Dec = 82.49/25.22)
349LO   28   04+UVFLSH PACKET,UVS
349LP   28   15+UVFLSH PACKET,UVS
```

Frame : 0



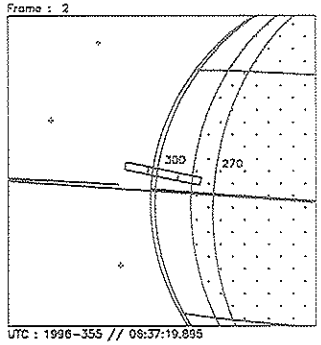
UTC : 1996-355 // 06:34:19.895
SCLK: 1/03748270:00:0:0

Frame : 1



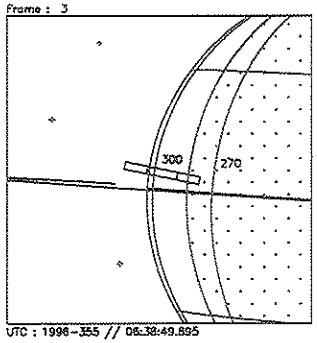
UTC : 1996-355 // 06:35:49.895
SCLK: 1/03748271:44:0:0

Frame : 2



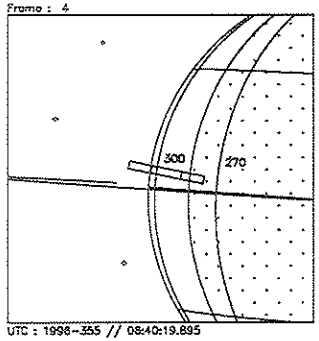
UTC : 1996-355 // 06:37:19.895
SCLK: 1/03748272:88:0:0

Frame : 3



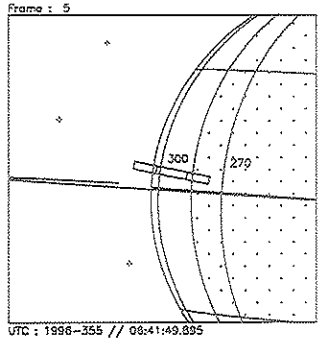
UTC : 1996-355 // 06:38:49.895
SCLK: 1/03748274:41:0:0

Frame : 4



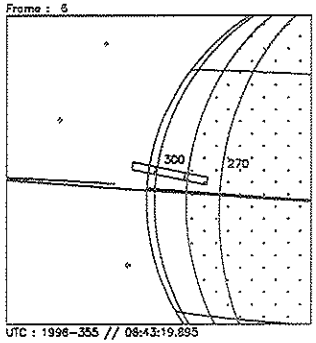
UTC : 1996-355 // 06:40:19.895
SCLK: 1/03748275:85:0:0

Frame : 5



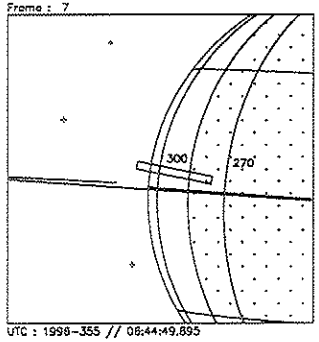
UTC : 1996-355 // 06:41:49.895
SCLK: 1/03748277:38:0:0

Frame : 6



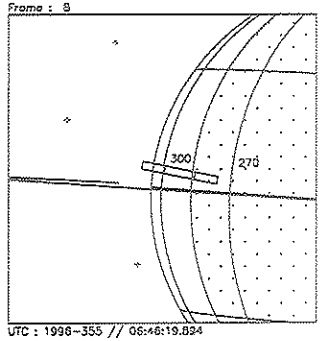
UTC : 1996-355 // 06:43:19.895
SCLK: 1/03748278:82:0:0

Frame : 7



UTC : 1996-355 // 06:44:49.895
SCLK: 1/03748280:35:0:0

Frame : 8



UTC : 1996-355 // 06:46:19.894
SCLK: 1/03748281:79:0:0

Start UTC_TIME : 1996-355 // 06:34:19.895
No End Time :
Start SCLK : 1/03748270:00:0:0

Target Body : JUPITER
Target Cone/Clock : 107.23/279.05 Deg
S/C to Body Center : 1280913. Km (17.916876 Rj)
Z-axis Pointing (Ra / Dec) : 191.50 / 6.50 Deg

Activity ID: Orbit E4 OAPEL JUFTKH1E SeqNo 12-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/20/96 **Week** 51

Start	JHP+CDS 00003133:00:0	96-355/07:09:47.399	JHP+002/04:47:48.666
End	JHP+CDS 00003146:00:0	96-355/07:22:56.066	JHP+002/05:00:57.333
Duration	00000013:00:0	000/00:13:08.667	000/00:13:08.667

Top Label E4JUFTKH1E12-

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 172 **Report Options** BOTH **Scan Platform** Yes

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

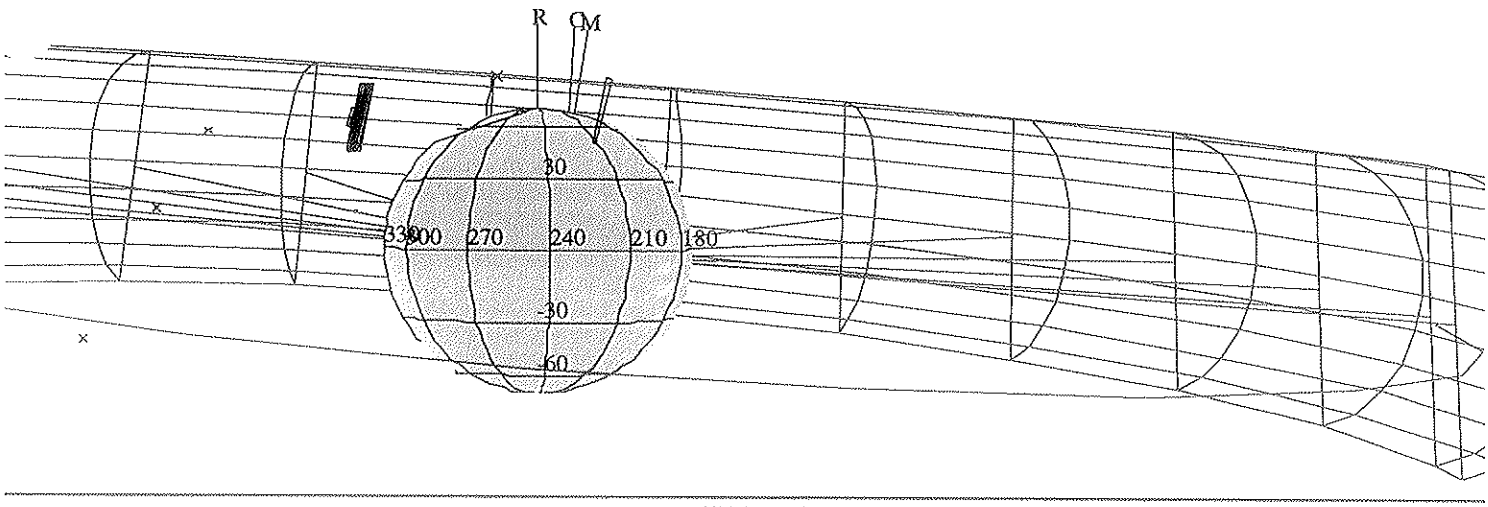
AWG hot spot (4/304 lat/lon) feature track (JHP epoch), rotation 1, high solar phase angle 148 deg, emission angle 1, independent UVS observation.

Realtime observation; full F/F scan (1 RIM) and full G/G scan (8 RIMs) off planet. Distance from Jupiter = 1.8 Rj.

Last cn/ck = 104.13/275.53.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AT   00   00 COMMNT UVS RIM 0
349LQ   28   00+UVFLSH DISCRD,UVS
157AK   52   01 CMDRS   PLAN_DUR = 13 RIMS; EST_UVS_CMDS = 3
             02       1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
             04       3
34UVS/UVG:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,9D,00,00
             13      12
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AU   36   02 TARGET RA/Dec = 84.23/27.80 (no TMC)
349LR   28   02+UVFLSH PACKET,UVS
349LS   28   11+UVFLSH PACKET,UVS
```



165AU:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0914 TC=15(27.80 84.23)
A= 182 pD= 182 SR=17.450 RA50= 84.23 DEC50= 27.80 cone=102.01 clock=277.34

ESIGN G2.0 kent :10/22/1996 14: 7: 7

ILE:P.E4JUFTKH1E12

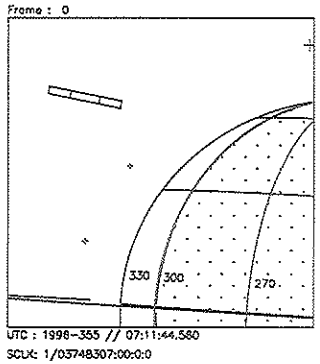
ENTRAL BODY:JUPITER III

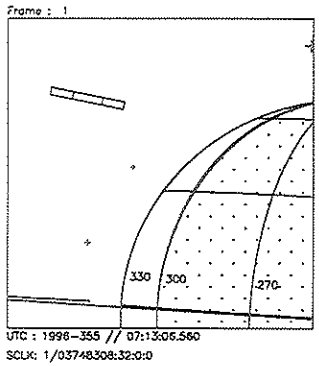
INI:m.E4JUFTKH1E12

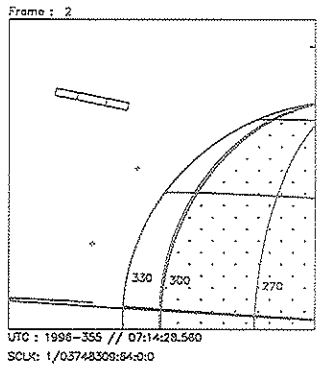
EPH:/DATA/NAVIO/T-960909-TOUR.NS

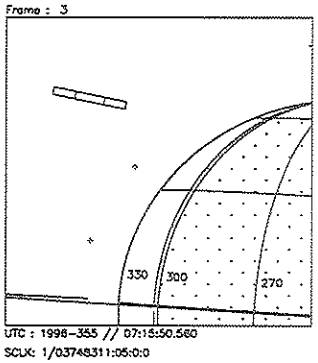
APSIS: THINNING: :UVS 1

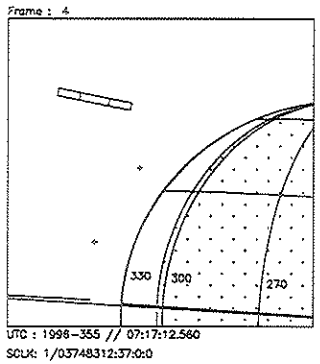
TART:JHP 96-353/02:21:58.733 +CDS 3135:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 0.400

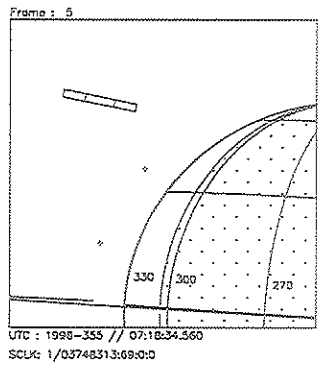


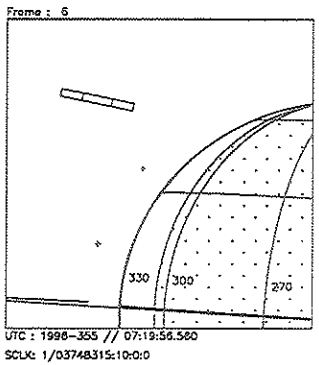


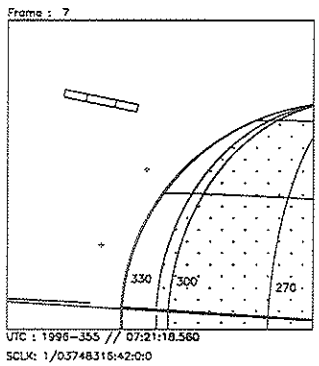


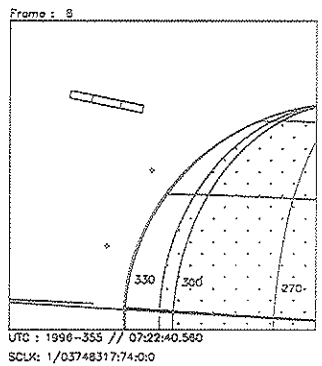












Start UTC_TIME : 1996-355 // 07:11:44.560
No End Time :
Start SCLK : 1/03748307:00:0:0

Target Body : JUPITER
Target Cone/Clock : 106.32/279.26 Deg
S/C to Body Center : 129901:. Km (18.170141 Rj)
Z-axis Pointing (Ra / Dec) : 191.50 / 6.50 Deg

Activity ID: Orbit E4 OAPEL JUFTKH1E SeqNo 21+

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/20/96 **Week** 51

Start	JSP-CDS 00000039:00:0	96-355/16:10:43.933	JSP-000/00:39:26.000
End	JSP-CDS 00000023:00:0	96-355/16:26:54.600	JSP-000/00:23:15.333
Duration	00000016:00:0	000/00:16:10.667	000/00:16:10.667

Top Label E4JUFTKH1E21+

Bottom Label realtime

Plot Key UVS **Type** SCI

CDS Bytes 136 **Report Options** BOTH **Scan Platform** No

CDS Source OAP **Spin State** DUAL **DMS** No

Observation Objective

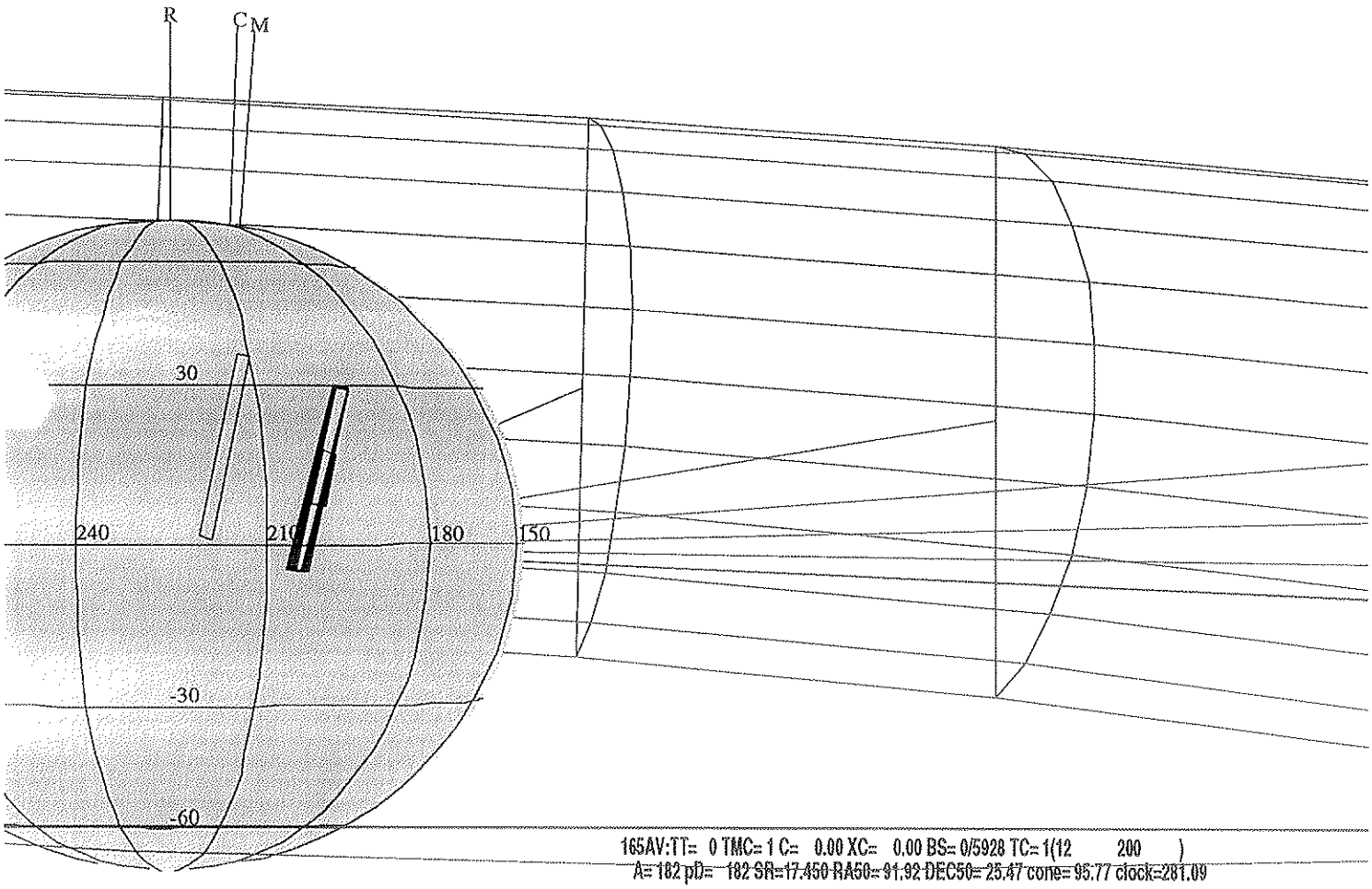
AWG hot spot (3/282 lat/lon) feature track (JSP epoch), rotation 2, high solar phase angle 160 deg, emission angle 1, ridealong with 2 color SSI (E4JS160PHA03) 1x1.

Realtime observation; on crescent full F/F scan (1 RIM) and 176 step G/G miniscan covering 1496-1755 A hydrocarbons for two observations. Distance from Jupiter = 22 Rj.

Last cn/ck = TBD.

Design Detail

```
PSID   CDS  RIM  COMMAND  PARAMETERS
384AU   00   00  COMMNT UVS RIM 0
349LT   28   02+UVFLSH  DISCRD,UVS
157AL   52   03  CMDRS   PLAN_DUR = 14 RIMS; EST_UVS_CMDS = 3
             04       1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
             06       3
34UVS/UVG:E3,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,1A,8E,00,00
             16      13
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165JG   00   04  TARGET  Lat/lon = 3/276  (RA/Dec = 95.20/25.03)
349LU   28   04+UVFLSH  PACKET,UVS
349LV   28   15+UVFLSH  PACKET,UVS
```



ESIGN G2.0 kent :10/22/1996 14:14:24

ILE:P.E4JUFTKH1E22

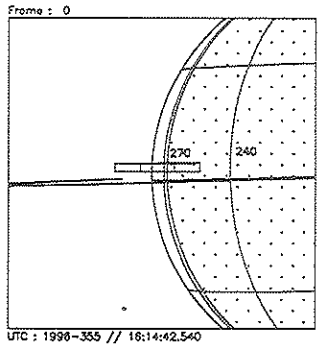
ENTRAL BODY:JUPITER III

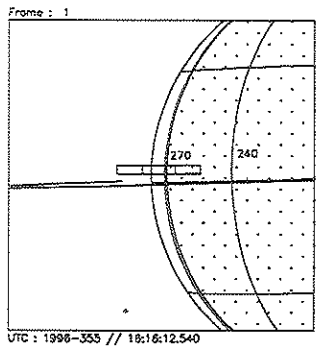
INI:m.E4JUFTKH1E22

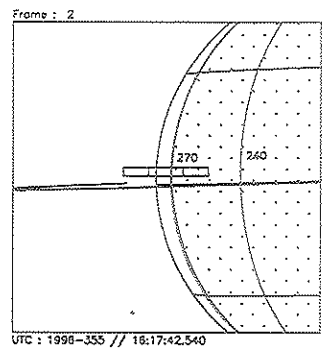
EPH:/DATA/NAVIO/T-960909-TOUR.NS

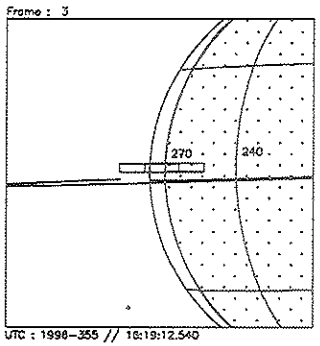
APSIS: THINNING: :UVS 1

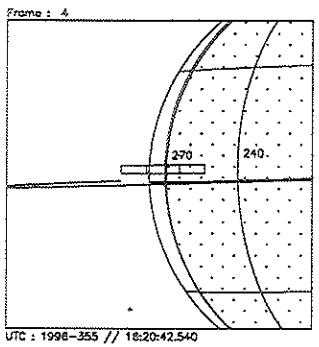
TART:JSP 96-355/16:50:09.933 +CDS 05:00:0 BODY PLOT TIME:TARGET-TIME D= 182 S= 1.000

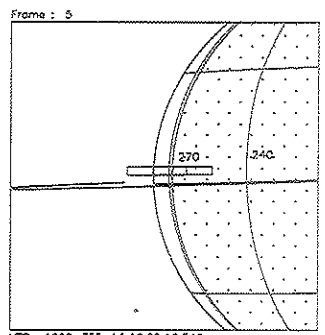


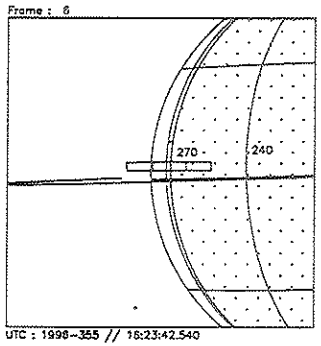


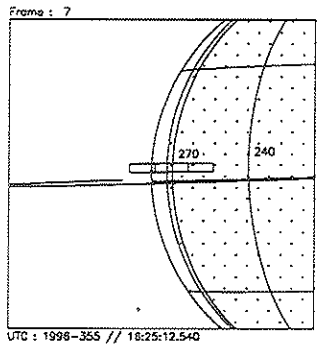


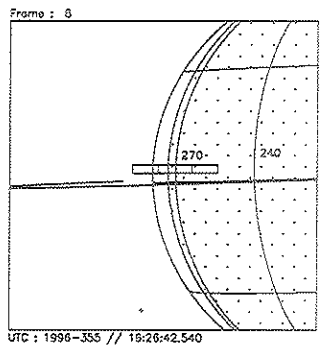












Start UTC_TIME : 1996-355 // 16:14:42.540
No End Time :
Start SCLK : 1/03748844:00:0:0

Target Body : JUPITER
Target Cone/Clock : 95.42/281.65 Deg
S/C to Body Center : 1555731. Km (21.760907 Rj)
Z-axis Pointing (Ra / Dec) : 191.50 / 6.50 Deg

Activity ID: Orbit E4 **OAPEL** JUFTKH1E **SeqNo** 22-

Title HOT SPOT FEATURE TRACK **Instrument** UVS

Requestor UVS-AWG/W. KENT TOBISKA **Team** UVS **Working Group** AWG

Time System CDS **Load ID** E4A **Calendar Date** 12/20/96 **Week** 51

Start	JSP+CDS 00000003:00:0	96-355/16:53:11.933	JSP+000/00:03:02.000
End	JSP+CDS 00000016:00:0	96-355/17:06:20.599	JSP+000/00:16:10.666
Duration	00000013:00:0	000/00:13:08.666	000/00:13:08.666

Top Label E4JUFTKH1E22-

Bottom Label realtime

Plot Key	UVS	**Type**	SCI		
CDS Bytes	172	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

AWG hot spot (3/282 lat/lon) feature track (JSP epoch), rotation 2, high solar phase angle 160 deg, emission angle 1, independent UVS observation.

Realtime observation; full F/F scan (1 RIM) and full G/G scan (8 RIMs) on planet background. Distance from Jupiter = 22 Rj.

Last cn/ck = 92.88/282.03.

Design Detail

```
PSID   CDS RIM COMMAND PARAMETERS
384AV   00   00 COMMNT UVS RIM 0
349LW   28   00+UVFLSH DISCRD,UVS
157AM   52   01 CMDRS  PLAN_DUR = 13 RIMS; EST_UVS_CMDS = 3
             02       1
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00
             04       3
34UVS/UVG:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,9D,00,00
             13       12
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
165AV   36   02 TARGET Lat/lon = 12/200 (no TMC) (RA/Dec = 91.88/25.48)
349LX   28   02+UVFLSH PACKET,UVS
349LY   28   11+UVFLSH PACKET,UVS
```