Activity ID: Orbit C9 **OAPEL** TV9EUVON **SeqNo** 01-

Title EUV POWER ON, C9 OUTBOUND **Instrument** EUV

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** C9A **Calendar Date** 06/28/97 **Week** 26

Start	JEE+CDS 00001659:00:0	97-179/15:54:59.466	JEE+001/03:57:26.000
End	JEE+CDS 00001669:00:0	97-179/16:05:06.132	JEE+001/04:07:32.666
Duration	00000010:00:0	000/00:10:06.666	000/00:10:06.666

Top Label C9TV9EUVON01-

Bottom Label (EUV Power On)

Plot Key	EUV	**Type**	SCI		
CDS Bytes	1100	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

EUV POWER ON, C9 INBOUND (19.0 Rj):
Load CDS memory and start the microprocessor, using Phase 2 EUVON library sequence
Load aurora Fixed Pattern Noise Table (FPNT), using Phase 2 EUVAUR library sequence
Configure EUV for taking data, using an EUVCMD PA

Design Detail

PSID	RIM:mf	CDS PA	
384BK	0	0	COMMENT [UVS RIM 0]
	0	900	[LOAD PHASE 2 EUVON LIBRARY SEQUENCE]
	6	179	[LOAD PHASE 2 EUVAUR LIBRARY SEQUENCE]
351BA	8	21	EUVCMD [TARGET BODY JUPITER]
	8		24EUV,N,C,3,DD,C,1,18 [STARTING STEP 221, 1 SCAN/SECTOR, 24 SECTORS]

ACTIVITY ID: C9JVC9AURA01-) = 02

START TIME: 97-179/16:05:06.132

Activity ID: Orbit C9 **OAPEL** JVC9AURA **SeqNo** 01-

Title EUV AURORA MAP, C9 OUTBOUND **Instrument** EUV

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** C9A **Calendar Date** 06/28/97 **Week** 26

Start	JEE+CDS 00001669:00:0	97-179/16:05:06.132	JEE+001/04:07:32.666
End	JEE+CDS 00001910:00:0	97-179/20:08:46.799	JEE+001/08:11:13.333
Duration	00000241:00:0	000/04:03:40.667	000/04:03:40.667

Top Label C9JVC9AURA01-

Bottom Label (EUV RTS Aurora)

Plot Key	EUV	**Type**	SCI		
CDS Bytes	140	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective

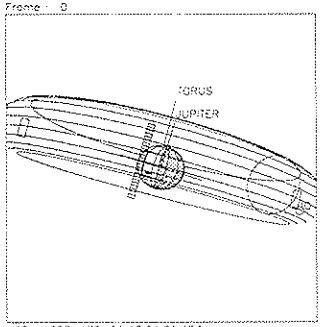
EUV JUPITER AURORA MAP 1, C9 OUTBOUND (GLL-Jup = 19.8 Rj):
From: 0.9 Rj (just inside bright limb) at cone = 90
To: 1.1 Rj (just outside dark limb)
UVFLUSH STRATEGY (17,712 bits per EUV PACKET; data rate 4.87 bps EUV):
EUV deselected; 60-RIM UVFLUSHes needed to PACKET EUV after initial DISCRD
Total bits: 4 EUV UVFLUSH PACKETs = 0.07 MB EUV
WAVELENGTHS (Angstroms):
Emission lines: EUV (H 1215)

[Last UVFLUSH combined with UVS-SWG C9IUIECLPS04 349CR PACKET UVS at 2nd OP port]

Design Detail

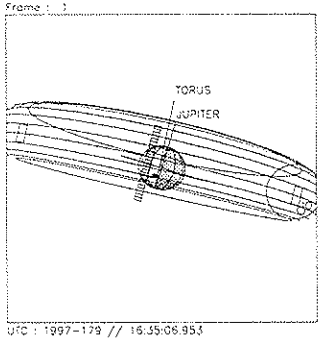
PSID	RIM:mf	CDS	PA
384BL	0	0	COMMENT [UVS RIM 0]
349MU	0:69	28	UVFLUSH [6UVRT, DISCRD, EUV]
349MV	59:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MW	119:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MX	179:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MY	239:69	28	UVFLUSH [6UVRT, PACKET, BOTH]

Frame : 0



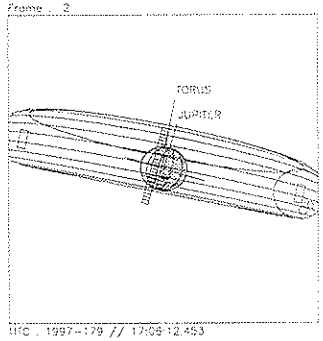
UTC : 1997-179 // 16:04:01.453
SCLK: 1/04019427:00:0:0

Frame : 1



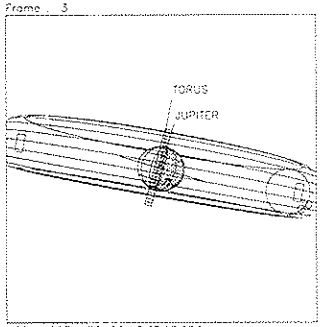
UTC : 1997-179 // 16:35:06.953
SCLK: 1/04019457:68:2:4

Frame : 2



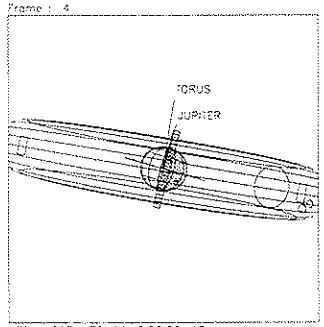
UTC : 1997-179 // 17:06:12.453
SCLK: 1/04019488:45:5:0

Frame : 3



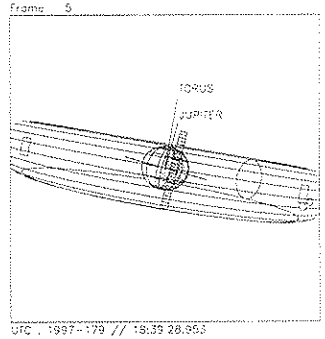
UTC : 1997-179 // 17:37:17.953
SCLK: 1/04019519:22:7:4

Frame : 4



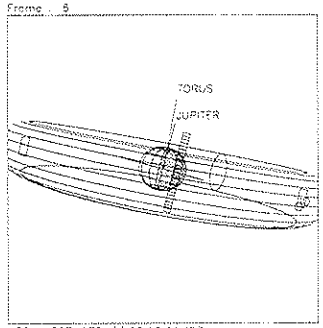
UTC : 1997-179 // 18:08:23.453
SCLK: 1/04019550:00:0:1

Frame : 5



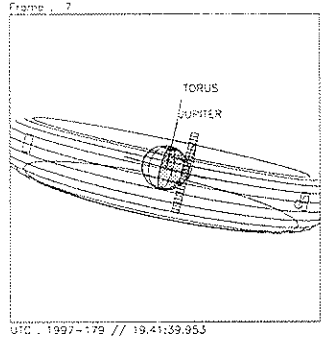
UTC : 1997-179 // 18:39:28.953
SCLK: 1/04019580:68:2:5

Frame : 6



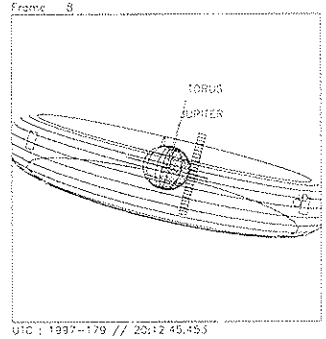
UTC : 1997-179 // 19:10:34.453
SCLK: 1/04019611:45:5:1

Frame : 7



UTC : 1997-179 // 19:41:39.953
SCLK: 1/04019642:22:7:5

Frame : 8



UTC : 1997-179 // 20:12:45.453
SCLK: 1/04019673:00:0:1

Start UTC_TIME : 1997-179 // 16:04:01.453
No End Time :
Start SCLK : 1/04019427:00:0:0

Target Body : JUPITER
Target Ra/Dec : 44.45/ 18.94 Deg
S/C to Body Center : 1356972. Km (18.980757 Rj)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.39 Deg

Activity ID: Orbit C9 **OAPEL** TVEUVTOR **SeqNo** 01-

Title EUV TORUS CONFIGURE, C9 OUTBOUND **Instrument** EUV

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** C9A **Calendar Date** 06/28/97 **Week** 26

Start	JEE+CDS 00001910:00:0	97-179/20:08:46.799	JEE+001/08:11:13.333
End	JEE+CDS 00001915:00:0	97-179/20:13:50.132	JEE+001/08:16:16.666
Duration	00000005:00:0	000/00:05:03.333	000/00:05:03.333

Top Label C9TVEUVTOR01-

Bottom Label (EUV Torus Configure)

Plot Key	EUV	**Type**	SCI		
CDS Bytes	228	**Report Options**	BOTH	**Scan Platform**	No
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

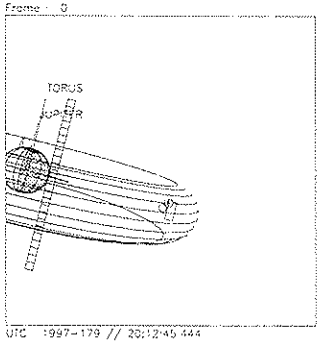
Observation Objective

EUV TORUS CONFIGURE, C9 INBOUND (20.7 Rj):
  Load torus Fixed Pattern Noise Table (FPNT), using Phase 2 EUVTOR library sequence
  Configure EUV for taking data, using an EUVCMD PA
  Issue a UVFLUSH command to DISCRD EUV, clearing data taken with the aurora FPNT

Design Detail

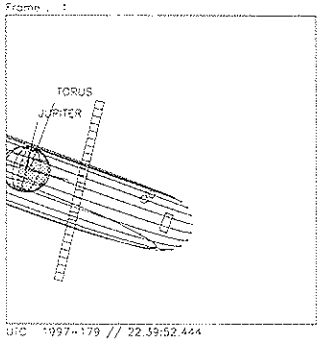
PSID	RIM:mf	CDS	PA
384BM	0	0	COMMENT [UVS RIM 0]
	1	179	[LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]
351BB	3	21	EUVCMD [TARGET BODY TORUS]
	3		24EUV,N,C,3,D9,C,2,18 [STARTING STEP 217, 2 SCANS/SECTOR, 24 SECTORS]
349MZ	4:69	28	UVFLUSH [6UVRT, DISCRD, EUV]

Frame : 0



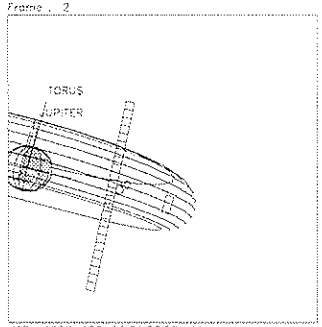
UTC : 1997-179 // 20:12:45.444
SCLK: 1/04019673:00:0.0

Frame : 1



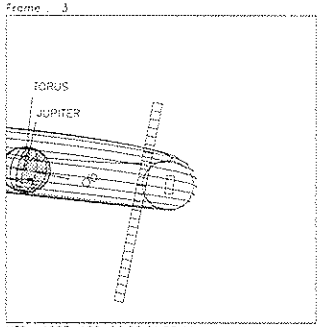
UTC : 1997-179 // 22:39:52.444
SCLK: 1/04019818:45:5.1

Frame : 2



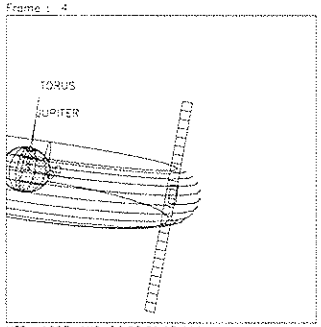
UTC : 1997-180 // 01:06:59.444
SCLK: 1/04019964:00:0.1

Frame : 3



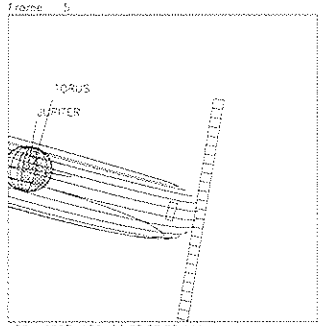
UTC : 1997-180 // 03:34:06.444
SCLK: 1/04020109:45:5.2

Frame : 4



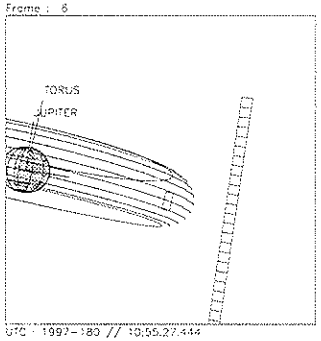
UTC : 1997-180 // 06:01:13.444
SCLK: 1/04020255:00:0.3

Frame : 5



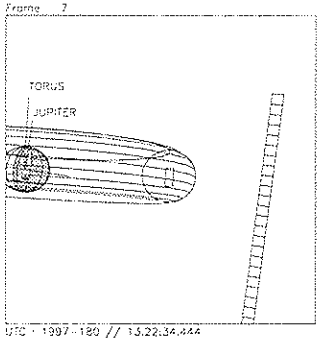
UTC : 1997-180 // 08:28:20.444
SCLK: 1/04020400:45:0.4

Frame : 6



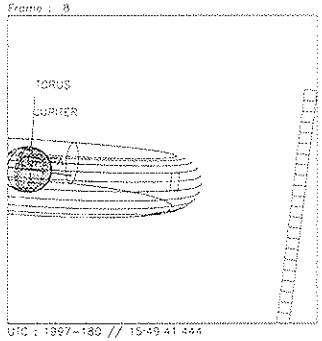
UTC : 1997-180 // 10:55:27.444
SCLK: 1/04020546:00:0.4

Frame : 7



UTC : 1997-180 // 13:22:34.444
SCLK: 1/04020691:45:0.4

Frame : 8



UTC : 1997-180 // 15:49:41.444
SCLK: 1/04020837:00:0.5

Start UTC_TIME : 1997-179 // 20:12:45.444
No End Time :
Start SCLK : 1/04019673:00:0:0
Delta Time between FOV : 8827.000
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Ra/Dec : 50.30/ 20.57 Deg
S/C to Body Center : 1477585. Km (20.667832 Rj)
Z-axis Pointing (Ra / Dec) : 142.41 / 14.39 Deg

Activity ID: Orbit C9 **OAPEL** TUC9MANS **SeqNo** 04-

Title UVS/EUV MIDNIGHT ANSA MAP 4, C9 OUTBOUND **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** C9A **Calendar Date** 06/29/97 **Week** 26

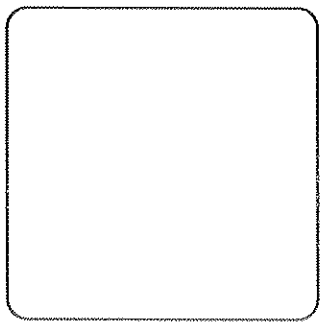
Start	JEE+CDS 00002175:00:0	97-180/00:36:43.466	JEE+001/12:39:10.000
End	JEE+CDS 00003079:00:0	97-180/15:50:46.132	JEE+002/03:53:12.666
Duration	00000904:00:0	000/15:14:02.666	000/15:14:02.666

Top Label C9TUC9MANS04-

Bottom Label (UVS/EUV RTS Torus)

Plot Key	UVS	**Type**	SCI		
CDS Bytes	616	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	OAP	**Spin State**	DUAL	**DMS**	No

Observation Objective



UVS/EUV IO TORUS MIDNIGHT ANSA MAP 4, C9 OUTBOUND (GLL-Jup = 25.5 Rj):
From: 3.25 Rj (inside ribbon) at cone = 90 (torus ribbon at 5.76 Rj, Sys III W Long 94)
To: 10.28 Rj (outside ribbon) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 4.87 bps UVS or EUV):
UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET BOTH, after initial UVFLUSHes
Total bits: 15 UVS + 16 EUV UVFLUSH PACKETs = 0.27 MB UVS + 0.28 MB EUV = 0.55 MB
WAVELENGTHS (Angstroms):
Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)
2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],
G 1239.8-1272.1 (CTR 1256.7, STEP

Design Detail

PSID	RIM:mf	CDS	PA
384BN	0	0	COMMENT [UVS RIM 0]
61BC	1	37	LOOPER [LOOP PERIOD 120, NUM LOOPS 7]
349NA	2:69	28	UVFLUSH [6UVRT, PACKET, EUV]
157BM	3	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
349NB	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BK	4	27	TARGET [CONE 90.00, CLOCK 276.00, POSITION SLEW ALLOCATION 4]
	4		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349NC	62:69	196	UVFLUSH (28*7) [6UVRT, PACKET, BOTH]
	64		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349ND	122:69	196	UVFLUSH (28*7) [6UVRT, PACKET, BOTH]
...NP			... [REPEAT 6 ADDITIONAL TIMES]
157BN	843	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
	844		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349NQ	902:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	904		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]