

EUV POWER ON, C9 OUTBOUND

ACTIVITY ID: C9TV9EUVON01-

START TIME: 97-179/15:54:59.466

<b>Activity ID:</b>	Orbit C9	<b>OAPEL</b> TV9EUVON	<b>SeqNo</b>	01-
<b>Title</b>	EUV POWER ON, C9 OUTBOUND		<b>Instrument</b>	EUV
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b> UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b> C9A	<b>Calendar Date</b>	06/28/97 <b>Week</b> 26
<b>Start</b>	JEE+CDS 00001659:00:0	97-179/15:54:59.466	JEE+001/03:57:26.000	
<b>End</b>	JEE+CDS 00001669:00:0	97-179/16:05:06.132	JEE+001/04:07:32.666	
<b>Duration</b>	00000010:00:0	000/00:10:06.666	000/00:10:06.666	
<b>Top Label</b>	C9TV9EUVON01-			
<b>Bottom Label</b>	(EUV Power On)			
<b>Plot Key</b>	EUV	<b>Type</b>	SCI	
<b>CDS Bytes</b>	1100	<b>Report Options</b>	BOTH	<b>Scan Platform</b> No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
	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			
<b>Design Detail</b>				
<b>PSID</b>	<b>RIM:mf</b>	<b>CDS PA</b>		
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]	

<b>Activity ID:</b> Orbit C9	<b>OAPEL</b> JVC9AURA	<b>SeqNo</b> 01-
<b>Title</b>	EUVAURORA MAP, C9 OUTBOUND	<b>Instrument</b> EUV
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b> UVS
		<b>Working Group</b> MWG

<b>Time System</b> CDS	<b>Load ID</b> C9A	<b>Calendar Date</b> 06/28/97	<b>Week</b> 26
<b>Start</b>	JEE+CDS 00001669:00:0	97-179/16:05:06.132	JEE+001/04:07:32.666
<b>End</b>	JEE+CDS 00001910:00:0	97-179/20:08:46.799	JEE+001/08:11:13.333
<b>Duration</b>	00000241:00:0	000/04:03:40.667	000/04:03:40.667

<b>Top Label</b>	C9JVC9AURA01-		
<b>Bottom Label</b>	(EUV RTS Aurora)		
<b>Plot Key</b>	EUV	<b>Type</b>	SCI
<b>CDS Bytes</b>	140	<b>Report Options</b>	BOTH
		<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL
		<b>DMS</b>	No

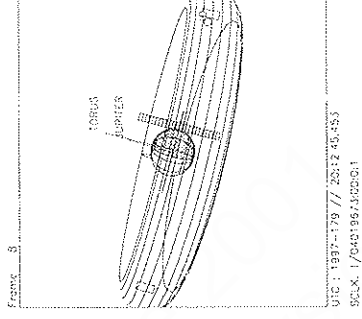
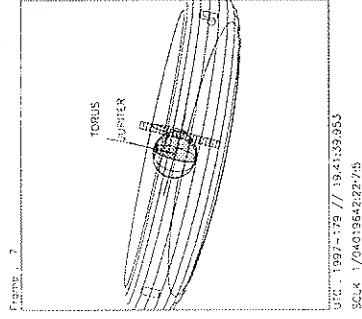
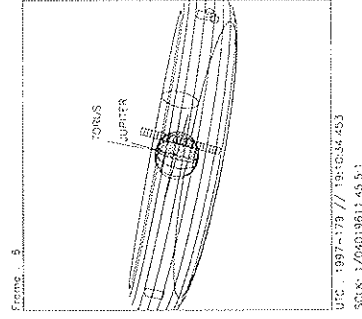
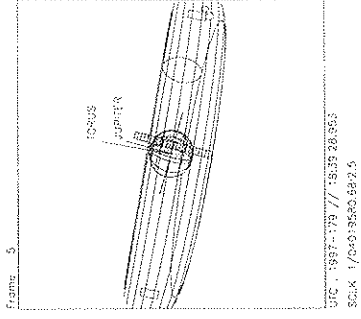
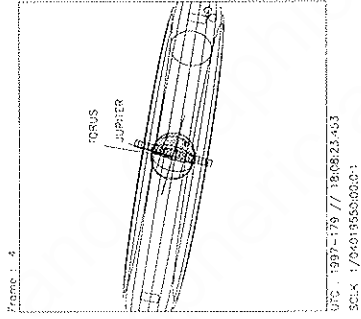
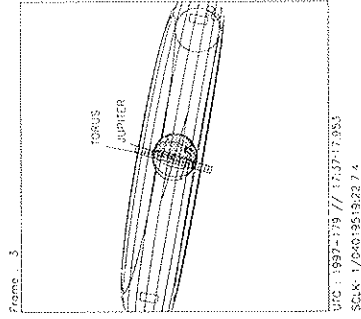
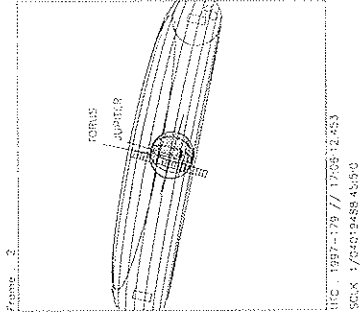
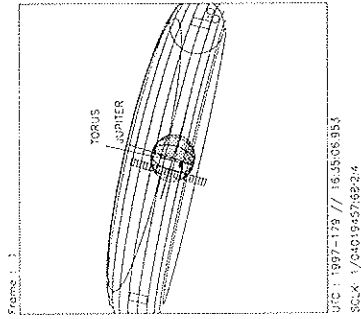
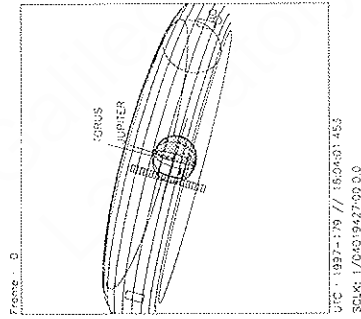
  

**Observation Objective**

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 C9IU1ECLPS04 349CR PACKET UVS at 2nd OP port]

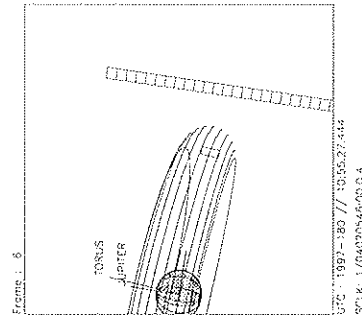
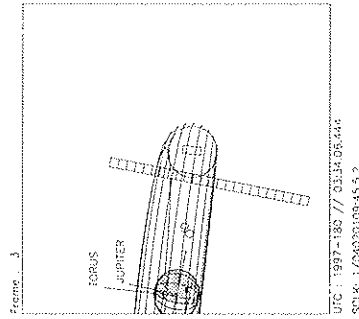
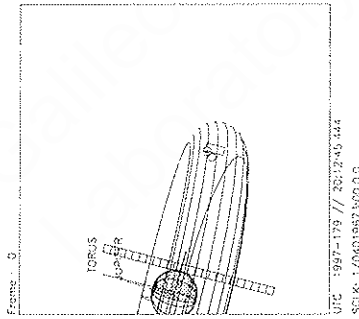
Design Detail			
PSID	RIM:mf	CDS PA	
384BL	0	0	COMMENT [UVS RIM 0]
349MU	0:69	28	UVFLUSH [6UVRT, DISCRD, EUV]
349MV	59:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MW	119:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MX	179:69	28	UVFLUSH [6UVRT, PACKET, EUV]
349MY	239:69	28	UVFLUSH [6UVRT, PACKET, BOTH]



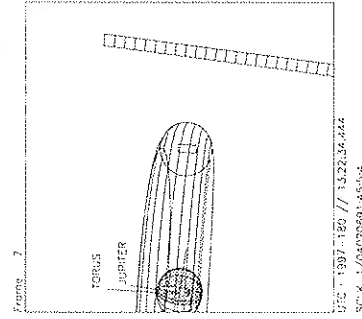
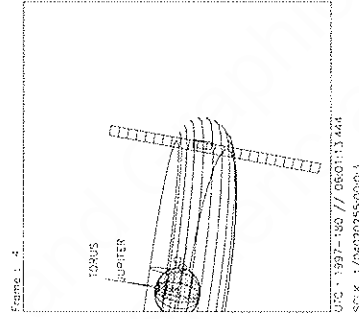
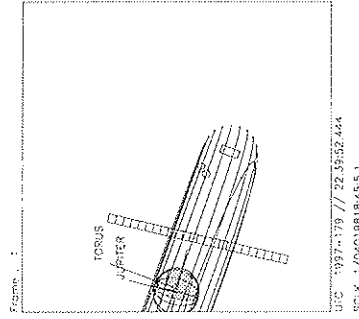
Start UTC\_TIME : 1997-179 // 16:04:01.453  
No End Time :  
Start SCLK : 1/04019427:00:0.0

Target Body : JUPITER  
Target Ra/Dec : 44.45 / 18.94 Deg  
S/C to Body Center : 1556972. Km ( 18.980757 R<sub>J</sub> )  
Z-axis Pointing ( Rc / Dec ) : 142.40 / 14.39 Deg

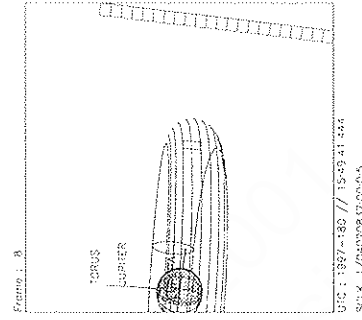
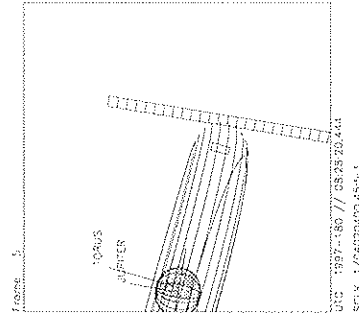
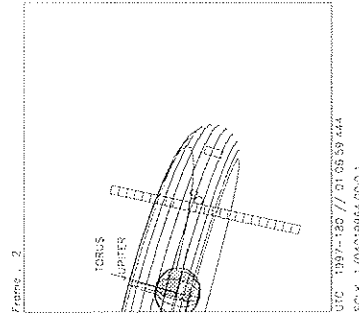
<b>Activity ID:</b>	Orbit C9	<b>OAPEL</b>	TVEUVTOR	<b>SeqNo</b>	01-
<b>Title</b>	EUV TORUS CONFIGURE, C9 OUTBOUND			<b>Instrument</b>	EUV
<b>Requestor</b>	UVS-MWGS.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	C9A	<b>Calendar Date</b>	06/28/97
				<b>Week</b>	26
<b>Start</b>	JEE+CDS 00001910:00:0		97-179/20:08:46.799		JEE+001/08:11:13.333
<b>End</b>	JEE+CDS 00001915:00:0		97-179/20:13:50.132		JEE+001/08:16:16.666
<b>Duration</b>	00000005:00:0		000/00:05:03.333		000/00:05:03.333
<b>Top Label</b>	C9TVEUVTOR01-				
<b>Bottom Label</b>	(EUV Torus Configure)				
<b>Plot Key</b>	EUV	<b>Type</b>	SCI		
<b>CDS Bytes</b>	228	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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				
<b>Design Detail</b>					
<b>PSID</b>	<b>RIM:mf</b>	<b>CDS</b>	<b>PA</b>		
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]		



Start UTC\_TIME : 1997 - 179 // 20:12:45.444  
No End Time :  
Start SCLK : /0401967300:0:0  
Delta Time between FOV : 8827.000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)



Target Body : JUPITER  
Target Ro/Dec : 50.30 / 20.57 Deg  
S/C to Body Center : 1477585 Km ( 20.667632 RJ )  
Z-axis Pointing ( Ro / Dec ) : 142.41 / 14.39 Deg



<b>Activity ID:</b> Orbit C9		OAPEL, TUC9MANS		<b>SeqNo</b> 04-	
<b>Title</b>	UVS/EUV MIDNIGHT ANSA MAP 4, C9 OUTBOUND			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS		<b>Team</b> UVS	<b>Working Group</b> MWG	
<b>Time System</b> CDS	<b>Load ID</b> C9A	<b>Calendar Date</b> 06/29/97	<b>Week</b> 26		
<b>Start</b>	JEE+CDS 00002175:00:0	97-180/00:36:43.466	JEE+001/12:39:10.000		
<b>End</b>	JEE+CDS 00003079:00:0	97-180/15:50:46.132	JEE+002/03:53:12.666		
<b>Duration</b>	00000904:00:0	000/15:14:02.666	000/15:14:02.666		
<b>Top Label</b>	C9TUC9MANS04-				
<b>Bottom Label</b>	(UVS/EUV RTS Torus)				
<b>Plot Key</b> UVS	<b>Type</b>	SCI			
<b>CDS Bytes</b> 616	<b>Report Options</b>	BOTH		<b>Scan Platform</b>	Yes
<b>CDS Source</b> OAP	<b>Spin State</b>	DUAL		<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>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</p> </div>					
<b>Design Detail</b>					
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]		