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This request revision is contained in a delivery and is frozen. Changes must be saved as a new revision.

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ID:	RSS_273SA_GRAVITY001_PIE		
Title:	RSS Saturn Gravity Field Experiment	Revision:	1
Rev Created:	17 Dec 2014, 16:28, by Anabtawi, Aseel	Priority:	1
Updated:	18 Dec 2014, 16:27, by Anabtawi, Aseel	Comments:	0
Start Time:	2017-128T18:16:39 GMT (E273_Per1 -000T12:00:00)		
Pre Start	000T00:00:00		
Tolerance:			
Post Start	000T00:00:00		
Tolerance:			
Duration:	001T00:00:00		
End Time:	2017-129T18:16:39 GMT (E273_Per1 +000T12:00:00)		
Change:	New entry		
Change Justification:			
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SWG		
Contact Info:			
Description:	Experiment to determine Saturn's gravity field and infer constraints on its internal structure.		

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Pointing Information			
Pointing:	Primary axis = X-BAND to earth, rolling about XBAND for MAG		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:			
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSSK	Telem Mode:	-
Power (watts):	81.1	Est CDS Words:	200
Rate Multiplier:	0	APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0 x 10 ⁶ bits
Frames:	0	Bits Per Frame:	0
Team			
Consumables:			
IEB Text:			
Apgen Fields			
Activity Type:	RSS Activity		
Attributes	Parameters		
Legend:	RSS	CDSWords:	200
Duration:	001T00:00:00	Power:	81.1
Color:	Khaki	SSRDataClass:	Normal
Pattern:	3 - Narrow Right Diagonal Lines		
Description:	see above		

Green items are request fields shown here for clarity

Support and Other Descriptive Information

Liens:	None
Waivers:	None
RTC:	None
FSW Loads:	No flight software.
ITL Request:	None.
Special DSN Requirements:	DSN stations with Ka-band downlink capability. ESA stations support may be required as well.
Special Requirements:	<ol style="list-style-type: none"> 1. Thermal stabilization of the RFIS bay 2. Attitude control on reaction wheels 3. No biases (thruster firing) 4. Rolling about XBAND to Earth for MAG (+/- 5 hours)
Support Imaging Required:	None
Document References:	None
As Flown:	

SASF Fields

Processor:	SEQ
Key:	RSS
Workgroup:	MSS_SEQGEN
Status:	
Upper Label:	
Lower Label:	
Edit Group:	
Request State:	

Associated Observations

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Last Updated	Observation	Rev	Cmts

Associated External Files

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File Name	Relative Path	Last Modified	File Size
RSS_273SA_GRAVITY001_PIE_PLUS.xfr	SIP_XXM/proximal/ckernel/	04 Jun 2015, 17:01	14846kb
RSS_273SA_GRAVITY001_PIE_MINUS.xfr	SIP_XXM/proximal/ckernel/	04 Jun 2015, 17:01	14846kb
RSS_273SA_GRAVITY001_PIE_MINUS.sfof	SIP_XXM/proximal/shortform/	04 Jun 2015, 16:54	342kb
RSS_273SA_GRAVITY001_PIE_PLUS.sfof	SIP_XXM/proximal/shortform/	04 Jun 2015, 16:54	341kb
RSS_273SA_GRAVITY001_PIE.sfof	SIP_XXM/proximal/shortform/	11 May 2015, 14:38	342kb
RSS_273SA_GRAVITY001_PIE.xfr	SIP_XXM/proximal/ckernel/	11 May 2015, 14:35	14846kb
RSS_273SA_GRAVITY001_PIE_150407.xfr	SIP_XXM/proximal/ckernel/	07 Apr 2015, 16:37	14850kb

Steps

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Type	Label	Name	Offset	Off-Type