



- Main
- Observations
- Requests
- Deliveries
- Transfer
- Help
- Logout

View Library

Display

Request

[Crit Diff](#)

Relationships

[Deliveries](#)

[Prime/Rider](#)

Export

[XML](#)

[Summary-Text](#)

[APF](#)

Comments

[View](#)

[Add](#)

Page

[Legend](#)

[Help](#)

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

Request Header [Description](#) [Observations](#) [Files](#) [Steps](#)

ID:	RSS_235TI_BISTATOUT001_PRIME		
Title:	RSS Bistatic Obs of Titan T119 (egress)	Revision:	4
Rev Created:	13 Oct 2015, 13:13, by Marouf, Essam A.	Priority:	1
Updated:	13 Oct 2015, 13:29, by Marouf, Essam A.	Comments:	0
Start Time:	2016-127T17:21:37 GMT (LUB_E235_TITAN_T119 +000T00:27:00)		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T01:43:00		
End Time:	2016-127T19:04:37 GMT (LUB_E235_TITAN_T119 +000T02:10:00)		
Change:	Removed offsets to pickup attitude		
Change Justification:	- Thanks, Rudy! - Rudy Boehmer email on 10/13/2015 - Rudy Boehmer email on 7/15/2015 & 7/16/2015 - TOST email on 4/27/15		
Visibility:	Public		
SPASS Type:	Prime		
Group Filter:	TOST		
Contact Info:			
Description:	Egress bistatic surface scattering observation at three radio wavelengths to determine the physical properties of Titan's surface, including reflectivity, dielectric constant, and roughness.		

Request Description [Header](#) [Observations](#) [Files](#) [Steps](#)

Pointing Information			
Pointing:	HGA Ka band boresight to track specular point on Titan's surface. IVD input.		
Agreement:	Egress bistatic surface scattering observation		
Primary Pointing:	XBAND to Titan		
Secondary Pointing:	PIC		
Custom Period Information			
PickUp Primary Pointing:	XBAND to Earth		
PickUp Secondary Pointing:	NEG_X to Titan_SC_RAM		
HandOff Primary Pointing:	NEG_Y to Titan		
HandOff Secondary Pointing:	NEG_X to Sun		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS3/RCS	Telem Mode:	-
Power (watts):	81.1	Est CDS Words:	200
Rate Multiplier:		APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0 x 10 ⁶ bits

Frames:	Bits Per Frame:		
Team			
Consumables:			
IEB Text:			
Apgen Fields			
Activity Type:	RSS Activity		
<u>Attributes</u>	<u>Parameters</u>		
Legend:	RSS	CDSWords:	200
Duration:	000T01:43:00	Power:	81.1
Color:	Khaki	SSRDataClass:	Normal
Pattern:	0 - Solid Color		
Description:	see above		
Green items are request fields shown here for clarity			
Support and Other Descriptive Information			
Liens:			
Waivers:			
RTC:			
FSW Loads:			
ITL Request:			
Special DSN Requirements:	<ol style="list-style-type: none"> 1) Support of at least one 70 m station at X and S band 2) Support of at least one 34 m station at X and Ka band. 3) Support by more than one complex if elevation angle falls below 30 degrees 		
Special Requirements:	<ol style="list-style-type: none"> 1) Thermal stabilisation of the RFIS bay completed by experiment start. 2) Deadband should be set to (0.5, 0.5, 2.0). 3) Number of steps for the walking deadband should be set to 3. 		
Support Imaging Required:			
Document References:			
As Flown:			
SASF Fields			
Processor:			
Key:			
Workgroup:			
Status:			
Upper Label:			
Lower Label:			
Edit Group:			
Request State:			

Associated Observations

[Header](#) [Description](#) [Files](#) [Steps](#)

Last Updated	Observation	Rev	Cmts

Associated External Files

[Header](#) [Description](#) [Observations](#) [Steps](#)

File Name	Relative Path	Last Modified	File Size
RSS_235TI_BISTATOUT001_PRIME.sfof	SIP_XXM/s94/PSIV/sfof/	07 Mar 2016, 18:47	45kb
RSS_235TI_BISTATOUT001_PRIME.xfr	SIP_XXM/s94/PSIV/ck/	07 Mar 2016, 18:37	1294kb
RSS_235TI_BISTATOUT001_PRIME.xfr	SIP_XXM/s94/port1/ck/	17 Nov 2015, 19:29	1293kb
RSS_235TI_BISTATOUT001_PRIME.sfof	SIP_XXM/s94/port1/sfof/	17 Nov 2015, 19:28	45kb

Steps

[Header](#) [Description](#) [Observations](#) [Files](#)

Type	Label	Name	Offset	Off-Type

