Component   G   B   Power   Power   Comments   Commen	X-Band Data N2 Downlink RF Power Budgets - Main Line						
Transmitted Power @ Transmitter port	Component		Power	Power	Power [dBm]	Comments	
Connector Saver#2							
Foreitical Saver #2   -0.1   -1.2   39.9   39.8   39.8   7   Previously   39.9   39.8   47.8   MCJ08BD, G from cable characterization.	Transmitted Power @ Transmitter port	-	-	40,0	N/A		
Connector Saver #3	Connector Saver #2	-0,1	40,0	39,9	-		
DSN Filter	RF Cable W10	-1,2	39,9	38,8	47,8	MCJ088D, G from cable characterization.	
SV Microwave 95077. Attenuation corresponds to other SV Microwave 95077 measured previously 95078 measured previously 95	Connector Saver #3	-0,1	38,8	38,7		· · · · · · · · · · · · · · · · · · ·	
Solid   Soli	DSN Filter	-0,6	38,7	38,1	-	Attenuation corresponds to EM filter measured previously	
Input Power @ CEGSE port	Connector Saver #4	-0,1	38,1	38,0	-		
RF Cable W2	CEGSE - Main line						
RC Cable W3	Input Power @ CEGSE port	-	38,0		<u> </u>		
RF Cable W4	RF Cable W2	-1,2	38,0	36,8			
Bidirectional Coupler (IN-OUT)	RF Cable W3	-0,5	36,8	36,3	· · ·	,	
Fixed Attenuator		,	·		41,0	characterization.	
RF Cable W5	· · · · · ·	0,0			<b>.</b>		
CedSe Variable Attenuator 10dB step	Fixed Attenuator	-19,6	35,3	15,7			
RF Cable W6		-1,3	15,7	14,4	47,8	cable charaterization.	
SMA to N adapter	· '	-			30,0	,	
Name					- !		
X-Band Data Downlink RF Power Budgets - Instrumentation line   Component   G   Input   Power   [dBm]   Doutput   Power   [dBm]   Downlink RF Power   [dBm]   Comments	•	-0,1				PE9104. Attenuation is estimated.	
Component         G [dB]         Input Power [dBm]         Output Power [dBm]         Max Input Power [dBm]         Comments           Interconnetion Elements - Instrumentation line           RF Cable XRF4.02         -4,2         12,1         8,0         54,7         UFA 210A-0-3937-70U300, 10m, G from characterization.           DC Block         -0,4         8,0         7,6         -         PE8213, G from characterization.           PXA @ Input port         7,6         30,0         30,0           X-Band Data Downlink Resume (N2)           Condition           Nominal         Maximun Levels           CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6	Output Power @ CEGSE port	-	-	12,1			
Component         G [dB]         Input Power [dBm]         Output Power [dBm]         Max Input Power [dBm]         Comments           Interconnetion Elements - Instrumentation line           RF Cable XRF4.02         -4,2         12,1         8,0         54,7         UFA 210A-0-3937-70U300, 10m, G from characterization.           DC Block         -0,4         8,0         7,6         -         PE8213, G from characterization.           PXA @ Input port         7,6         30,0         30,0           X-Band Data Downlink Resume (N2)           Condition           Nominal         Maximun Levels           CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6		Y_R	and Data Doy	link DE De	Pudget	to demonstration line	
Component   Power   Power   Power   GBm   Power   Powe				<u> </u>		s - Instrumentation line	
RF Cable XRF4.02	Component		Power	Power	Power	Comments	
DC Block	Interconnetion Elements - Instrumentation line						
PXA @ Input port         7,6         30,0           X-Band Data Downlink Resume (N2)           Condition           Parameter         Maximun Levels           CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6	RF Cable XRF4.02	-4,2	12,1	8,0	54,7	UFA 210A-0-3937-70U300, 10m, G from characterization.	
X-Band Data Downlink Resume (N2)           Condition           Nominal         Maximun Levels           CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6	DC Block	-0,4	8,0	7,6	<u> </u>	PE8213, G from characterization.	
Condition   Nominal   Maximun   Levels	PXA @ Input port		7,6		30,0		
Condition   Nominal   Maximun   Levels	Y Daniel Date Describels De	(NO)					
Parameter         Nominal         Maximun Levels           CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6	X-Band Data Downlink Res		lition				
CEGSE Variable Attenuator 10dB step         0,0         -           Pin PXA         7,6         7,6	Parameter		Maximun				
Pin PXA 7,6 7,6	CEGSE Variable Attenuator 10dB step	0,0	-				
			7,6				
	Ofset PXA						