Bistatic Calibration for 34-m **DSS-34** **Operator** Danny

		Time	KRCP VSR1B	XRCP VSR1A
	Ensure Switch 43 is in B Position			
1	X- and Ka-band Out the horn (cold sky), diode OFF	215350		
		025540		
	Begin X and Ka-band 16 KHz recording			
	Att Auto all	215513		
	ADC Amplitude		-9.9	-9.7
			-19.4	-21.6
	Att Setting		12.0	15.0
			21.5	27.0
2	Switch 21 in the B Position (Extend aperture load)	215931	-1.4	-0.3
		030107	-9.6	-10.0
	Att auto (Final for ALL)	220059		
	No Att Auto during post-cal			
	Ambient Load Temp X1=18.69, K1=18.69			
	X1=19.0, K1=19.0			
	ADC Amplitude		-9.8	-10.2
			-9.6	-10.0
	Att Setting		21.5	27.0
			21.5	27.0
	Weather See DSS-43			
	See DSS-43			
	Temp, Humidity, Pressure, Wind Speed, Sky condition			
3-4	X-Band 12.5K diode ON	220620	-9.8	-9.9
	Wait 1-2 minutes for next step	031226	-9.7	-9.8
	Ka-Band 12.5K diode ON	220811		
		031510		
	ADC Amplitude		-9.4	-9.8
			-9.5	-9.8
5	Switch 21 in the A position (retract aperture load)	221245		
		031937		
	ADC Amplitude		-17.9	-19.3
			-17.6	-19.2
6-7	X-Band diode OFF	221820	-17.9	-21.2
	Wait 1-2 minutes for next step	032326	-17.7	-21.5
	Ka-band diode OFF	222040		
		032509		
	ADC Amplitude		-19.5	-21.6
			-19.3	-21.5

Disable 16K Recording. This completes X-band and Ka-band Calibrations

Minical #1

	Time	KRCP VSR1B	XRCP VSR1A
Start 16K Recording (if it's not already recording)		-17.1	-20.2
Start. Enable X- and Ka-band Diodes ADC Amplitude	003000	-16.1	-18.4
Disable Diodes. Completed	003200	-17.4	-20.4

Minical #2

	Time	KRCP VSR1B	XRCP VSR1A
Start 16K Recording (if it's not already recording)	023300	-18.5	-21.1
Start. Enable X- and Ka-band Diodes ADC Amplitude	023500	-17.1	-19.0
Disable Diodes. Completed	023700	-18.5	-21.2

Minical #3

	Time	XRCP VSR1B	XRCP VSR1A
Start 16K Recording (if it's not already recording)			
Start. Enable X- and Ka-band Diodes ADC Amplitude			
Disable Diodes. Completed			

SNT Measurement #1 Time 004100

X-band Value 29.6

Ka-band Value 53.5

SNT Measurement #2 Time 024500

X-band Value 24.5

Ka-band Value 42.3

SNT Measurement #3 Time

X-band Value

Ka-band Value

Weather Update

Ambient Load Temperature Update