

		Time	KLCP VSR1B	KRCP VSR1A	XLCP WVSR1B	XRCP WVSR1A
1	Ensure Switch 43 is in B Position					
	X- and Ka-band Out the horn (cold sky), diode OFF	21:34:00				
	Begin X and Ka-band 16 KHz recording	21:35				
	Att Auto all	21:37				
	ADC Amplitude		-10.1	-9.7	-10.6	-9.6
	Att Setting		15.0	12.5	18.0	13.0
2	Switch 21 in the B Position (Extend aperture load)	21:44	-1.1	-0.3	-1.5	-1.0
	Att auto (Final for ALL)	21:45:19				
	No Att Auto during post-cal					
	Ambient Load Temp					
	ADC Amplitude		-9.8	-10.3	-9.8	-10.4
	Att Setting		28.0	25.0	24.5	23.0
	Weather					
	Temp, Humidity, Pressure, Wind Speed, Sky condition					
3-4	X-Band 12.5K diode ON	21:51:05	-9.8	-10.1	-9.4	-10.2
	Wait 1-2 minutes for next step					
	Ka-Band 12.5K diode ON	21:55:50				
	ADC Amplitude		-9.6	-9.8	-9.2	-10.2
5	Switch 21 in the A position (retract aperture load)	21:59:55				
	ADC Amplitude		-17.1	-18.3	-18.5	-19.3
6-7	X-Band diode OFF	22:04:00	-17.2	-18.3	-20.3	-21.3
	Wait 1-2 minutes for next step					
	Ka-band diode OFF	22:06:40				
	ADC Amplitude		-19.5	-20.4	-20.7	-21.3

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

22:15:00

Minical #1

	Time	KLCP VSR1B	KRCP VSR1A	XLCP WVSR2B	XRCP WVSR2A
Start 16K Recording (if it's not already recording)	Already	-19.4	-20.2	-20.6	-21.4
Start. Enable X- and Ka-band Diodes ADC Amplitude	22:15:00	-17.2	-16.2	-18.4	-19.5
Disable Diodes. Completed	22:17	-19.4	-20.4	-20.8	-21.3

Minical #2

	Time	KLCP VSR1B	KRCP VSR1A	XLCP WVSR2B	XRCP WVSR2A
Start 16K Recording (if it's not already recording)					
Start. Enable X- and Ka-band Diodes ADC Amplitude					
Disable Diodes. Completed					

Minical #3

	Time	KLCP VSR1B	KRCP VSR1A	XLCP WVSR2B	XRCP WVSR2A
Start 16K Recording (if it's not already recording)					
Start. Enable X- and Ka-band Diodes ADC Amplitude					
Disable Diodes. Completed					

SNT Measurement #1

X-band Value

Ka-band Value

Time

End recording time:
VSR1A VSR1B WVSR1A WVSR1B
 22:22:40 22:25:44 22:23:26 22:27:19

SNT Measurement #2

X-band Value

Ka-band Value

Time

SNT Measurement #3

X-band Value

Ka-band Value

Time

Weather Update

Ambient Load Temperature Update

		Time	KRCP VSR1B	XRCP VSR1A
1	Ensure Switch 43 is in B Position			
	X- and Ka-band Out the horn (cold sky), diode OFF	21:36		
	Begin X and Ka-band 16 KHz recording			
	Att Auto all	21:36:39		
	ADC Amplitude		-19.2	-19.2
	Att Setting		13.5	15.5
2	Switch 21 in the B Position (Extend aperture load)	21:43	-1.8	-0.6
	Att auto (Final for ALL)	21:46:33		
	No Att Auto during post-cal			
	Ambient Load Temp $X1=23.12 K=21.56$			
	ADC Amplitude		-9.9	-10.1
	Att Setting		22.5	27.0
	Weather <i>see 43</i>			
Temp, Humidity, Pressure, Wind Speed, Sky condition				
3-4	X-Band 12.5K diode ON	21:51:05	-10.0	-9.9
	Wait 1-2 minutes for next step			
	Ka-Band 12.5K diode ON	21:55:50		
	ADC Amplitude		-9.6	-9.9
5	Switch 21 in the A position (retract aperture load)	22:00		
	ADC Amplitude		-17.9	-19.3
6-7	X-Band diode OFF	22:04	-17.7	-21.6
	Wait 1-2 minutes for next step			
	Ka-band diode OFF	22:06:40		
	ADC Amplitude		-19.2	-21.6

Minical #1

	Time	KRCP VSR1B	XRCP VSR1A
Start 16K Recording (if it's not already recording)	22:13	-19.2	-21.4
Start. Enable X- and Ka-band Diodes ADC Amplitude	22:15	-17.7	-19.3
Disable Diodes. Completed	22:17	-19.2	-21.5

22:20 read

Minical #2

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

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

X-band Value

Ka-band Value

Time

SNT Measurement #2

X-band Value

Ka-band Value

Time

SNT Measurement #3

X-band Value

Ka-band Value

Time

Weather Update

Ambient Load Temperature Update

		Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
1	X-band Out the horn (cold sky), diode OFF	21:40			-9.8	10.1
	Begin XRCP and XLCP 16 KHz recording Att Auto XLCP and XRCP only	21:43				
	ADC Amplitude				-10.3	-9.9
	Att Setting				10.5	11.0
2	X-band in the ambient load	21:47:05			-10.3	0.0
	Att auto (Final for XRCP and XLCP) No Att Auto during post-cal	21:48:00				
	Ambient Load Temp					
	ADC Amplitude				-10.0	-9.7
	Att Setting	21.5	22.5	23.5	22.5	23.5
	Monitor Att Setting from here on. It should not change					
Weather						
	(Temp, Humidity, Pressure, Wind Speed, Sky condition)					
3-4	XRCP 12.5K diode ON Wait 1-2 minutes for next step	21:51:55			-10.0	-9.5
	XLCP 12.5K diode ON	21:54:35				
	ADC Amplitude				-9.8	-9.6
5	X-band Out the horn, diode ON	21:59:10				
	ADC Amplitude				-19.9	-19.9
6-7	XRCP diode OFF Wait 1-2 minutes for next step	22:03:15			-20.0	-22.5
	XLCP diode OFF	22:05:45				
	ADC Amplitude				-22.3	-22.5
	Stop recording XRCP and XLCP, This completes X-band	(22:10)				

Begin SRCP

		Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
8	Configure both DTTs for S-band					
9	SRCP Out the horn (cold sky), diode OFF	22:19				
	Begin SRCP and SLCP 16 KHz recording					
	Att Auto SRCP only	22:19:33				
	No Att Auto during post-cal					
	ADC Amplitude		-0.3	-10.0		
	Att Setting		1.0	0.0		
10	SRCP in the ambient load	22:25:28		-0.2		
	Att auto (Final for SRCP)	22:26:21				
	Ambient Load Temp					
	ADC Amplitude		-1.8	-9.8		
	Att Setting		1.0	12.0		
	Monitor Att Setting from here on. It should not change					
11	SRCP 12.5K diode ON	22:28:17				
	ADC Amplitude		-1.8	-9.6		
12	SRCP Out the horn, diode ON	22:33:28				
	ADC Amplitude		-0.7	-9.0		
13	SRCP diode OFF	22:38:07				
	ADC Amplitude		0.0	-21.9		

End SRCP

Begin SLCP

		Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
14	SLCP Out the horn (cold sky), diode OFF	22:40:40				
	Continue SRCP and SLCP 16 KHz recording					
	Att Auto SLCP only	22:40:26				
	ADC Amplitude		-10.2	-21.8		
	Att Setting		12.5	12.0		
15	SLCP in the ambient load	22:44:03	-5.5			
	Att auto (Final for SLCP)	22:44:50				
	No Att Auto during post-cal					
	Ambient Load Temp					
	ADC Amplitude		-9.8	-21.8		
	Att Setting		18.5	12.0		
	Monitor Att Setting from here on. It should not change					
16	SLCP 12.5K diode ON	22:49:33				
	ADC Amplitude		-9.6	-21.9		
17	SLCP Out the horn, diode ON	22:53:58				
	ADC Amplitude		-15.2	-21.8		
18	SLCP diode OFF	22:55:08				
	ADC Amplitude	16:45:00	-17.2	-21.8		
	Stop recording SRCP and SLCP. This completes S-band					

-16.3 -21.7 -22.2 -22.3

Minical #1

	Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
Start 16K recording (if it's not already started)					
Start. Enable RCP Diodes ADC Amplitude	23:01	-16.7	-19.8	-22.2	-19.9
Disable diodes. Configure Receivers for LCP	23:03:13	-16.5	-21.7	-22.1	-22.4
Enable LCP Diodes ADC Amplitude	23:04:50	-14.8	-21.8	-19.9	-22.5
Disable diodes. Re-configure receivers for RCP	23:06:59	-16.5	-21.8	-22.2	-22.4
Completed reconfiguration for RCP	23:08:13				

Minical #2

	Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
Start 16K recording (if it's not already started)					
Start. Enable RCP Diodes ADC Amplitude					
Disable diodes. Configure Receivers for LCP					
Enable LCP Diodes ADC Amplitude					
Disable diodes. Re-configure receivers for RCP					
Completed reconfiguration for RCP					

Minical #3

	Time	SLCP RSR3B	SRCP RSR3A	XLCP RSR2B	XRCP RSR2A
Start 16K recording (if it's not already started)					
Start. Enable RCP Diodes ADC Amplitude					
Disable diodes. Configure Receivers for LCP					
Enable LCP Diodes ADC Amplitude					
Disable diodes. Re-configure receivers for RCP					
Completed reconfiguration for RCP					

SNT Measurement #1

X-band Value

Ka-band Value

Time

SNT Measurement #2

X-band Value

Ka-band Value

Time

SNT Measurement #3

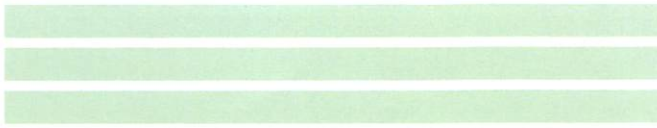
X-band Value

Ka-band Value

Time

Time

Weather Update



Ambient Load Temperature Update

