

		Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
1	X-band Out the horn (cold sky), diode OFF Begin XRCP and XLCP 16 KHz recording Att Auto XLCP and XRCP only Pre-cal start record 151246 ADC Amplitude Att Setting	151200			-10.8	-10.1
		211600				
		151337				
2	X-band in the ambient load Att auto (Final for XRCP and XLCP) No Att Auto during post-cal Ambient Load Temp X1=19.56, S1=19.88, S2=20.81 X1=19.44, S1=19.50, S2=19.31 ADC Amplitude Att Setting Monitor Att Setting from here on. It should not change Weather T=10.2 degC, H=80.4%, P=937.5 mbar, Wind=0, Clear T=9.9 degC, H=53.7%, P=941.7 mbar, Wind=16.7, Clear (Temp, Humidity, Pressure, Wind Speed, Sky condition)	151942			-0.1	-0.1
		211840				
		152044				
3-4	XRCP 12.5K diode ON Wait 1-2 minutes for next step XLCP 12.5K diode ON ADC Amplitude	152525			-10.1	-8.8
		212645			-10.0	-8.9
		152727				
		213020				
5	X-band Out the horn, diode ON ADC Amplitude	153258				
		213440				
6-7	XRCP diode OFF Wait 1-2 minutes for next step XLCP diode OFF ADC Amplitude Stop recording XRCP and XLCP, This completes X-band	153703			-17.3	-22.0
		213830			-17.1	-22.2
		154204				
		213930				

Begin SRCP

		Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
8	Configure both DTTs for S-band Requested 155045					
9	SRCP Out the horn (cold sky), diode OFF Begin SRCP and SLCP 16 KHz recording Pre-cal 155348 Att Auto SRCP only No Att Auto during post-cal	155737	161540			
		214905				
		155847	161742			
			-22.1	-9.7		
		ADC Amplitude	-21.7	-40.2		
			-21.1	-20.7		
			18.0	10.0		
		Att Setting	48.0	40.0		
			17.0	21.0		
10	SRCP in the ambient load 1603 NOPE asked station to re-select 12.5K diode and MFQ to ON (must've gone back to default values) 161000 NOPE suggesting we repeat step 9 Att auto (Final for SRCP) Second run values in orange	160349	162411	-0.8	-0.8	
		215650		-10.2		
		160450	162513			
			163130			
		Ambient Load Temp				
		ADC Amplitude	-22.0	-10.3		
			-22.0	-40.4		
			-21.0	-10.3		
	18.0	21.0				
Att Setting	48.0	21.0				
	17.0	21.0				
	Monitor Att Setting from here on. It should not change					
11	SRCP 12.5K diode ON 1630 Danny reported that he forgot to do step required after "att auto" on previous step. Already asked station to enable diode. Asked to disable and back to step 10.	163028	163533			
		215756				
			-21.6	-9.9		
			-21.4	-10.0		
12	SRCP Out the horn, diode ON ADC Amplitude	164010				
		215858				
			-21.5	-18.7		
			-21.1	-18.9		
13	SRCP diode OFF ADC Amplitude	164328				
		215934				
			-22.0	-20.9		
			-21.4	-21.0		

End SRCP

Begin SLCP

		Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
14	SLCP Out the horn (cold sky), diode OFF Continue SRCP and SLCP 16 KHz recording Att Auto SLCP only No Att Auto during post-cal	164600				
		220000				
		164734				
		ADC Amplitude	-10.0	-21.0		
			-21.8	-21.1		
		Att Setting	6.0	21.0		
			17.0	21.0		
15	SLCP in the ambient load Att auto (Final for SLCP) No Att Auto during post-cal Ambient Load Temp ADC Amplitude Att Setting Monitor Att Setting from here on. It should not change	165442	-0.5			
		220139	-10.0			
		165529				
		ADC Amplitude	-9.8	-19.9		
			-10.0	-20.0		
		Att Setting	17.0	21.0		
			17.0	21.0		
16	SLCP 12.5K diode ON	165726				
		220342				
		ADC Amplitude	-9.2	-20.0		
			-9.7	-20.1		
17	SLCP Out the horn, diode ON	165930				
		220515				
		ADC Amplitude	-19.2	-20.9		
			-19.5	-19.9		
18	SLCP diode OFF	170129				
		220655				
		ADC Amplitude	-21.0	-20.9		
			-21.0	-20.3		
		Stop recording SRCP and SLCP. This completes S-band				

Minical #1**DSS-43****T46****2008/308****Operator**

Danny

	Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
Start 16K recording (if it's not already started)	172200	-11.5	-12.5	-12.1	-11.6
Start. Enable RCP Diodes ADC Amplitude	172400	-12.8	-12.8	-12.5	-10.9
Disable diodes. Configure Receivers for LCP	172600	-12.6	-14.1	-13.1	-13.0
Enable LCP Diodes ADC Amplitude	172724	-14.2	-15.3	-12.7	-13.7
Disable diodes. Re-configure receivers for RCP	172930	-16.1	-16.5	-15.2	-15.1
Completed reconfiguration for RCP	173022				

Minical #2

	Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
Start 16K recording (if it's not already started)	185400	-20.8	-20.2	-21.1	-24.9
Start. Enable RCP Diodes ADC Amplitude	185600	-20.5	-18.1	-21.1	-15.3
Disable diodes. Configure Receivers for LCP	185800	-20.3	-20.3	-21.3	-21.1
Enable LCP Diodes ADC Amplitude	185940	-18.8	-20.4	-16.8	-21.1
Disable diodes. Re-configure receivers for RCP	190152	-20.7	-20.2	-21.2	-21.1
Completed reconfiguration for RCP	190240				

Minical #3

	Time	SLCP WVSR2B	SRCP WVSR2A	XLCP VSR1B	XRCP VSR1A
Start 16K recording (if it's not already started)	203200	-21.0	-20.8	-21.9	-21.5
Start. Enable RCP Diodes ADC Amplitude	203400	-21.0	-18.4	-21.8	-15.4
Disable diodes. Configure Receivers for LCP	203600	-21.1	-20.8	-21.8	-21.6
Enable LCP Diodes ADC Amplitude	203810	-19.4	-20.5	-17.0	-21.6
Disable diodes. Re-configure receivers for RCP	204015	-20.9	-20.8	-21.8	-21.6
Completed reconfiguration for RCP	204228				

SNT Measurement #1

Time

X-band Value **Low elevation angles. Skip this one**

S-band Value

SNT Measurement #4

Time 204800

X-band 19.1

S-band 27.0

SNT Measurement #2

Time 174300

X-band Value 37

S-band Value 37

SNT Measurement #3

Time 191800

X-band Value 36.7

S-band Value 42.2

Time

Weather Update

Ambient Load Temperature Update