

Begin XRCP

		Time	KRCP VSR1B RSR1B	XRCP WISR1B RSR1A	KRCP RSR1B	XRCP RSR1A
1	XRCP Out the horn (cold sky), diode OFF					
	Begin XRCP 16 KHz recording	21:16				
	Att Auto XRCP only	21:21:46				
	ADC Amplitude			-10.7		-9.8
	Att Setting			7.0		9.0
2	XRCP in the ambient load	21:21		-1.2		-0.7
	Att auto (Final for XRCP) No Att Auto during post-cal					
	Ambient Load Temp					
	ADC Amplitude			-10.1		-9.8
	Att Setting			17.0		20.0
3	XRCP 12.5K diode ON	21:33:49				
	ADC Amplitude			-9.6		-9.7
4	XRCP Out the horn, diode ON	21:37:17				
	ADC Amplitude			-18.5		-18.4
5	XRCP diode OFF	21:40:20				
	ADC Amplitude			-20.4		-20.6
	Stop XRCP 16 KHz recording. This completed X-band					

End XRCP

21:45:05

DSS-25

John

Begin KRCP

		Time	VSR1B KRCP RSR1B	WVSR1B XRCP BSR1A	RSR2B KRCP	RSR3A XRCP
6	KRCP Out the horn (cold sky), diode OFF Begin KRCP 16 KHz recording Att Auto KRCP only	21:45:38	21:46:12		21:45:57	
	ADC Amplitude	21:48:59	-9.8		-9.9	
	Att Setting		22.0		26.5	
13	KRCP in the ambient load Att auto (Final for KRCP) No Att Auto during post-cal	21:51:20	-2.1		-2.3	
	Ambient Load Temp	21:52:30				
	ADC Amplitude		-10.0		-10.1	
	Att Setting		30.5		30.0	
14	KRCP 12.5K diode ON	21:54:46				
	ADC Amplitude		-9.8		-9.8	
15	KRCP Out the horn, diode ON	21:58:54				
	ADC Amplitude		-17.2		-17.5	
16	KRCP diode OFF Stop recording KRCP. This completed Ka-band	22:01:45				
	ADC Amplitude		-18.2		-18.4	

End KRCP

Minical #1

VSR 1B VNSR 1B RSR1B RSR1A KRCP XRCP

	Time	KRCP RSR1B	XRCP RSR1A
Start 16K Recording (if it's not already recording)	22:07	-16.1	-20.9
Start. Enable X- and Ka-band Diodes ADC Amplitude	22:08:13	-17.3	-16.1
Disable Diodes. Completed ADC Amplitude	22:10:09	-16.3	-20.7

22:12:00

Minical #2

	Time	KRCP RSR1B	XRCP RSR1A
Start 16K Recording (if it's not already recording)			
Start. Enable X- and Ka-band Diodes ADC Amplitude			
Disable Diodes. Completed ADC Amplitude			

Minical #3

	Time	KRCP RSR1B	XRCP RSR1A
Start 16K Recording (if it's not already recording)			
Start. Enable X- and Ka-band Diodes ADC Amplitude			
Disable Diodes. Completed ADC Amplitude			

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 Time

Ambient Load Temperature Update Time

		Time	KRCP VSR1B	XRCP VSR1A
1	Ensure Switch 43 is in B Position			
	X- and Ka-band Out the horn (cold sky), diode OFF	21:17:00		
	Begin X and Ka-band 16 KHz recording 21:17:24	21:46:50		
	Att Auto all	21:18:39		
	ADC Amplitude		-9.9	-9.8
	Att Setting		13.0	17.0
2	Switch 21 in the B Position (Extend aperture load)	21:23:15	-1.8	-0.4
	Att auto (Final for ALL) No Att Auto during post-cal	21:25:24		
	Ambient Load Temp $X = 27.1$ $K = 21.81$			
	(22.38) (28.1)			
	ADC Amplitude		-9.7	-10.0
	Att Setting		20.0	28.5
	Weather 14.5° 948.9 67.6% 7.4 light cloud cover			
	Temp, Humidity, Pressure, Wind Speed, Sky condition			
3-4	X-Band 12.5K diode ON	21:34:45	-9.6	-9.8
	Wait 1-2 minutes for next step			
	Ka-Band 12.5K diode ON	21:36:25		
	ADC Amplitude		-9.5	-9.9
			-9.6	
5	Switch 21 in the A position (retract aperture load)	21:38:45		
	ADC Amplitude		-17.6	-19.1
6-7	X-Band diode OFF	21:42:05	-17.5	-21.4
	Wait 1-2 minutes for next step			
	Ka-band diode OFF	21:43:25		
	ADC Amplitude		-18.9	-21.6

A+5
21:48:39

-9.8 -9.9
12.5 17.0

21:50:25
-1.8
21:51:48
-~~9.8~~

-9.8
21.5

21:55:45

-9.6

21:57:45

-17.5

22:01:05

-18.9

Minical #1

	Time	KRCP VSR1B	XRCP VSR1A
22:04:56 Switch 44 = A			
Start 16K Recording (if it's not already recording)	22:07	-18.5	-21.5
Start. Enable X- and Ka-band Diodes ADC Amplitude	22:08	-16.9	-19.3
Disable Diodes. Completed	22:10	-18.4	-21.6

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