

Begin XRCP

		Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A
1	XRCP Out the horn (cold sky), diode OFF Begin XRCP and XLCP 16 KHz recording Pre-cal 224701 Att Auto XRCP only No Att Auto during post-cal ADC Amplitude Att Setting	224701			
		044200			
		224945			
2	XRCP in the ambient load Att auto (Final for XRCP) No Att Auto during post-cal Ambient Load Temp X1=18.94, K1=22.19 X1=18.44, K1=21.81 ADC Amplitude Att Setting	225345		-7.1	0.7
		044435		-18.7	-9.8
		225543			
3	X-Band 12.5K diode ON ADC Amplitude	225855			
		044645			
				-7.3	-9.5
				-18.7	-9.6
4	XRCP Out the horn, diode ON ADC Amplitude	230325			
		045105			
				-6.7	-18.5
				-18.2	-18.5
5	X-Band diode OFF 230948 Stopped XLCP receiver & switched to 14 SLCP to check if VSR1B is causing prob at 14 ADC Amplitude	230805			
		045410			
				-6.7	-20.7
				-18.3	-20.9

End XRCP - Continue Recording

Begin XLCP

		Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A	
6	Reconfigure XRCP DTT for XLCP	233040				
		045855				
7	XLCP Out the horn (cold sky), diode OFF	233040				
		045855				
		233108				
	ADC Amplitude		-10.3	-20.7		
			-18.2	-20.8		
	Att Setting		13.0	20.5		
			21.0	20.5		
8	XLCP in the ambient load	233345		-2.6	-20.6	
		050215		-10.0	-21.0	
		233531				
			Ambient Load Temp			
			ADC Amplitude		-10.0	-20.8
					-10.0	-21.0
			Att Setting		21.0	20.5
					21.0	20.5
9	X-Band 12.5K diode ON	234055				
		050355				
	ADC Amplitude		-9.9	-20.8		
			-9.9	-20.9		
10	XLCP Out the horn, diode ON	234425				
		050545				
	ADC Amplitude		-17.6	-20.7		
			-17.7	-20.9		
11	X-Band diode OFF	235055				
		050855				
	ADC Amplitude		-18.3	-20.7		
			-18.1	-20.8		

Stop XRCP and XLCP 16 KHZ recording. This completes X-band

Pre-cal stop record 235600 Post-cal stop record 051200

Pre-cal: Reconfigure DTT back for XRCP

Begin KRCP

		Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A
12	KRCP Out the horn (cold sky), diode OFF Begin KRCP 16 KHz recording Pre-cal 235823 Att Auto KRCP only	235815			
		051405			
		235903			
		ADC Amplitude	-9.9		
			-18.6		
		Att Setting	20.0		
			28.5		
13	KRCP in the ambient load Att auto (Final for KRCP) No Att Auto during post-cal Ambient Load Temp	000325	-2.1		
		051635	-10.1		
		000419			
		ADC Amplitude	-10.1		
			-10.1		
		Att Setting	28.5		
			28.5		
14	KRCP 12.5K diode ON	000645			
		051920			
		ADC Amplitude	-9.9		
		-10.0			
15	KRCP Out the horn, diode ON	001005			
		052150			
		ADC Amplitude	-17.4		
		-17.6			
16	KRCP diode OFF Stop recording KRCP. This completed Ka-band	001325			
		052420			
		ADC Amplitude	-18.5		
			-18.7		

Pre-cal stop record 001800

Post-cal stop record 052800

End KRCP

Minical #1**DSS-25****T52**

2009/094

Elias

	Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A
Start 16K recording (if it's not already recording)	012300	-17.4	-17.8	-20.0
Start. Enable X- and Ka-band diodes ADC Amplitude	012500	-16.5	-17.8	-17.9
Disable diodes. Reconfigure XRCP receiver for XLCP	012700	-17.4	-17.8	-20.1
Enable X-band diode only	012815	-17.6	-17.2	-20.0
Disable diode. Reconfigure receiver for XRCP	013025	-17.4	-17.9	-19.9
Completed reconfiguration for XRCP ADC Amplitude	013120	-17.4	-17.9	-19.9

Minical #2

	Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A
Start 16K recording (if it's not already recording)	041700	-18.4	-18.1	-20.8
Start. Enable X- and Ka-band diodes ADC Amplitude	041900	-17.4	-18.2	-18.4
Disable diodes. Reconfigure XRCP receiver for XLCP	042100	-18.4	-18.2	-20.6
Enable X-band diode only	042155	-18.5	-17.5	-20.7
Disable diode. Reconfigure receiver for XRCP	042400	-18.5	-18.2	-20.8
Completed reconfiguration for XRCP ADC Amplitude	042450	-18.4	-18.2	-20.8

Minical #3

	Time	KRCP RSR2B	XLCP RSR1A	XRCP RSR2A
Start 16K recording (if it's not already recording)				
Start. Enable X- and Ka-band diodes ADC Amplitude				
Disable diodes. Reconfigure XRCP receiver for XLCP				
Enable X-band diode only				
Disable diode. Reconfigure receiver for XRCP				
Completed reconfiguration for XRCP ADC Amplitude				

SNT Measurement #1

Time 011500

X-band Value 27.431

Ka-band Value 60.322

SNT Measurement #2

Time 031100

X-band Value 23.388

Ka-band Value 47.023

SNT Measurement #3

Time 040300

X-band Value 22.814

Ka-band Value 47.108

Weather Update Same as DSS-14

Time
014005

Ambient Load Temperature Update X1=18.81, K1=22.38

Time
014400