

Begin XRCP

No XLCP. Not enough open-loop receivers at Goldstone

		Time	KRCP RSR1B	XLCP	XRCP RSR1A
1	XRCP Out the horn (cold sky), diode OFF Begin XRCP and XLCP 16 KHz recording Pre-cal 150055 Att Auto XRCP only No Att Auto during post-cal ADC Amplitude Pre-cal calcs started at 1452 and completed ~1600, but Elias mistakenly did X-band att auto after calcs were completed, Repeated starting with step 2. Att Setting	145210			
		210333			
		150232			
2	XRCP in the ambient load Pre-cal record 162116 Att auto (Final for XRCP) No Att Auto during post-cal Ambient Load Temp X1=18.50, K1=23.25 X1=18.75, K1=23.50 ADC Amplitude Att Setting	162200			-0.9
		211605			-21.0
		162311			
3	X-Band 12.5K diode ON	162915			
		212820			
					-10.0 -10.0
4	XRCP Out the horn, diode ON	163455			
		213610			
					-18.7 -18.6
5	X-Band diode OFF	163810			
		213900			
					-21.0 -20.9

Pre-cal 164150

Post-cal 214100

End XRCP - Continue Recording

Begin KRCP

		Time	KRCP RSR1B	XLCP	XRCP RSR1A
6	KRCP Out the horn (cold sky), diode OFF Begin KRCP 16 KHz recording Att Auto KRCP only No Att Auto during post-cal	164200			
		214100			
		164305			
		ADC Amplitude	-10.0		
			-18.1		
		Att Setting	22.0		
			30.0		
7	KRCP in the ambient load Att auto (Final for KRCP) No Att Auto during post-cal	164655	-2.4		
		214410	-9.6		
		164811			
		Ambient Load Temp			
		ADC Amplitude	-9.7		
			-9.6		
		Att Setting	30.0		
			30.0		
8	KRCP 12.5K diode ON	165655			
		214600			
		ADC Amplitude	-9.5		
			-9.5		
9	KRCP Out the horn, diode ON	165850			
		214725			
		ADC Amplitude	-17.2		
			-17.2		
10	KRCP diode OFF Stop recording KRCP. This completed Ka-band	170029			
		214835			
		ADC Amplitude	-18.1		
			-18.1		

End KRCP

Post-cal disable record 215100

	Time	KRCP RSR1B	XLCP	XRCP RSR1A
Start 16K recording (if it's not already recording)	172200	-17.8		-21.1
Start. Enable X- and Ka-band diodes ADC Amplitude	172400	-17.0		-18.7
Disable diode. Completed	172600	-17.8		-20.9

Minical #2

	Time	KRCP RSR1B	XLCP	XRCP RSR1A
Start 16K recording (if it's not already recording)	185400	-17.6		-20.8
Start. Enable X- and Ka-band diodes ADC Amplitude	185600	-16.8		-18.6
Disable diode. Completed	185800	-17.8		-20.9

Minical #3

	Time	KRCP RSR1B	XLCP	XRCP RSR1A
Start 16K recording (if it's not already recording)	203300	-16.9		-20.3
Start. Enable X- and Ka-band diodes ADC Amplitude	203500	-16.0		-18.3
Disable diode. Completed	203700	-16.8		-18.2

SNT Measurement #1

Time 171700

X-band Value 22.775

Ka-band Value 46.737

SNT Measurement #2

Time 174300

X-band Value 22.935

Ka-band Value 47.200

SNT Measurement #3

Time 191800

X-band Value 24.186

Ka-band Value 50.962

SNT Measurement #4

Time 204800

X-band Value 26.408

Ka-band Value 60.967

	Time
Weather Update	
Ambient Load Temperature Update	