

# Antenna 16 T-Data as of 3 Oct 2006

## TCAL & SCAL's for VLA/VLBI Default Frequencies:

Receiver	IF Pair	Freq (MHz)	LCP TCAL	LCP SCAL	RCP TCAL	RCP SCAL
<b>L-Band</b> <i>Freq Step (MHz) = 25</i> S/N =    L#01 Type =    Interim Date =    5 May 2005	AC	1465	2.28	1419	2.28	1409
	BD	1385	2.37	1419	2.43	1414
<b>S-Band</b> <i>Freq Step (MHz) = 25</i> S/N =    S#00 Type =    EVLA Date =    dd mmm yyyy	AC	?	#N/A	#N/A	#N/A	#N/A
	BD	?	#N/A	#N/A	#N/A	#N/A
<b>C-Band</b> <i>Freq Step (MHz) = 50</i> S/N =    C#03 Type =    Interim Date =    28 July 2005	AC	4885	1.48	0	2.18	0
	BD	4835	1.43	0	2.23	0
<b>X-Band</b> <i>Freq Step (MHz) = 100</i> S/N =    X#41 Type =    Transition Date =    5 Mar 2005	AC	8435	1.32	830	1.06	771
	BD	8485	1.12	752	1.12	706
<b>Ku-Band</b> <i>Freq Step (MHz) = 100</i> S/N =    U#00 Type =    EVLA Date =    dd mmm yyyy	AC	14965	0.00	0	0.00	0
	BD	14915	0.00	0	0.00	0
<b>K-Band</b> <i>Freq Step (MHz) = 100</i> S/N =    K#22 Type =    Interim Date =    5 May 2005	AC	22485	2.65	0	2.61	0
	BD	22435	2.61	0	2.53	0
<b>Ka-Band</b> <i>Freq Step (MHz) = 100</i> S/N =    A#00 Type =    EVLA Date =    dd mmm yyyy	AC	?	#N/A	#N/A	#N/A	#N/A
	BD	?	#N/A	#N/A	#N/A	#N/A
<b>Q-Band</b> <i>Freq Step (MHz) = 100</i> S/N =    Q#31 Type =    Interim Date =    16 Nov 2005	AC	43315	5.48	0	4.17	0
	BD	43365	5.56	0	4.08	0

Note :  $T = T1 + [(F-F1) / (F1-F2)] * (T1-T2)$