

SoftRock Lite II -- IF Application

Special Build Instructions

IF Frequency	Approximate SoftRock Lite II Center Frequency	Necessary Modifications
455kHz	464kHz	X1 = 1.856MHz C3 = 1500pF C4 = 0.047μF C10 = 1000pF C11 = 680pF C12 = 180pF L1 = 38T on FT37-61 core for 79μH T1 primary winding = 26T on T30-6 core for 2.4μH with bifilar secondary windings of 13T
4.915MHz (K2)	4.921MHz	Build as 40m Lite II, except: X1 = 19.6875MHz C3 = 220pF C4 = 3300pF C10 = 180pF C11 = 100pF
8.215MHz (K3)	8.192MHz	Build as 40m Lite II, except: X1 = 32.768MHz C3 = 68pF C4 = 1000pF
8.83MHz	8.812MHz	Build as 40m Lite II, except: X1 = 35.2512MHz C3 = 68pF C4 = 1000pF
9.0015MHz	8.985MHz (1/3 subharmonic sampled)	Build as 30m Lite II, except: X1 = 11.981MHz C3 = 100pF C4 = 1500pF
10.695MHz	10.707MHz (1/3 subharmonic sampled)	Build as 30m Lite II, except: X1 = 14.2764MHz
10.707MHz	10.724MHz (1/3 subharmonic sampled)	Build as 30m Lite II, except: X1 = 14.299MHz