

**DOWNSTAIRS IF-LO SYSTEM  
FUNCTIONAL BLOCK DIAGRAM**

**PAGE 2 OF 3: POL. B SIGNAL PATHS,  
LO SYNTHESIZERS, PWR METER 2**

file: ifdwn2.ecw  
last rev. APR. 7,2005

SYNTH 1,2,3,4. FREQUENCIES & AMPLITUDES  
(4 INDEPENDENT SWITCHES)  
EXAMPLE: if2 "if2\_synfrq 12100400 1000000  
2000000 500000"  
(SYNTH1 = 1.21004 GHZ, SYNTH2 = 1 MHZ,  
SYNTH3 = 2 MHZ, .... SYNTH8 = 1MHZ)  
EXAMPLE: if2 "if2\_synamp 14.0 14.0  
14.0 14.0"  
(amplitudes in dBm)

NOTE: CHANNEL B  
SIGNAL PATHS ARE  
SWITCHED TOGETHER WITH  
CHANNEL A SIGNAL PATHS

