

9 July 2003

BDA 800B 50W90 POWER AMPLIFIERS SCHEMATICS:

Uplink Power Amplifier

SPECIFICATIONS

Parameter	Specifications
Input Frequency Range	835-849 MHz
RF Gain	46±2 dB
Gain Ripple	<±0.7 dB
Noise Figure	<10 dB
Output 3 rd order intercept point	+50 dBm typ; +48 dBm min
VSWR Input and Output	<1.5:1
AGC Set Point	+30±1 dBm
AGC Range	>20 dB
RF Connectors	SMA female
Supply Voltage	28 Volt
Supply Current	700±100 mA

UPLINK POWER AMPLIFIER