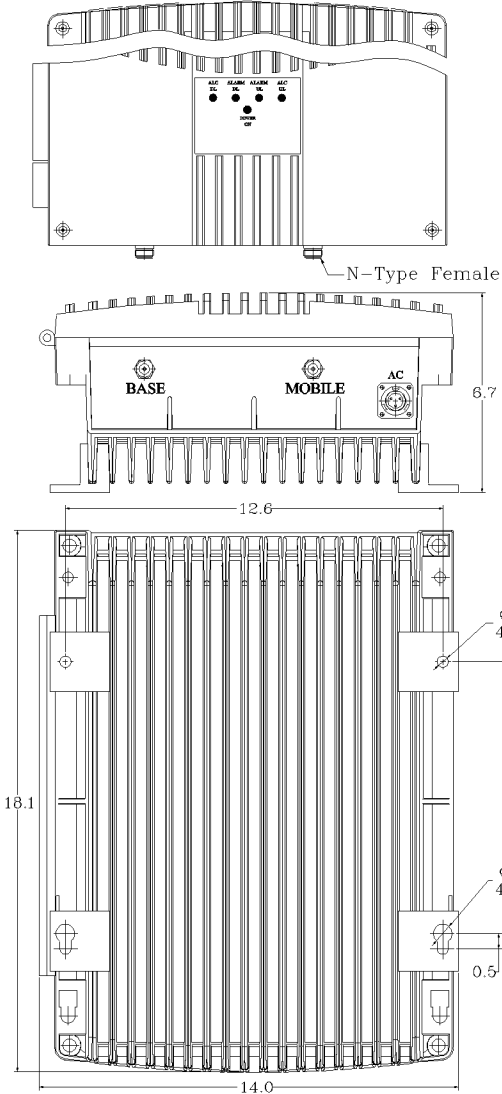
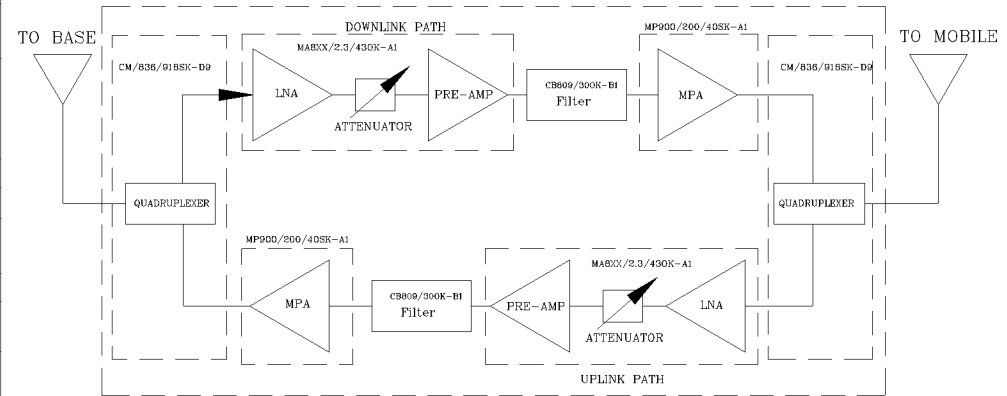


REVISIONS			
REV		DATE	APPROVED
A	Linearity and power upgraded (PSB-25/33)	11/12	G. David



AVAILABLE OPTIONS	Description



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 861
: 935 - 941
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 816
: 896 - 902
- *Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- *Gain Flatness [dB] : +/- 1.5 (Typ.)
- *Noise Figure (System) [dB] : 5.5 (Max.), 5.0 (Typ.)
- *Manual Attenuation Range [dB] : 0 - 30 in 2-dB steps
- *Output Power ALC Set [dBm]
 - Uplink : +27±1
 - Downlink : +27±1
- *Output Composite Power [dBm]
 - Uplink : +27 (Typ.)
 - Downlink : +27 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - Uplink : +48 (Typ.)
 - Downlink : +48 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 24 dBm each
 - Downlink : +48 (Typ.)
- *Power Supply : 110V/0.41A to 220V/21A (Autorangeing) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.3
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1
- *Net Weight : < 16 kg/35 lb
- *PAINT: FLAT EPOXY BROWN

WARNING. This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

WITHOUT INCLUSION OF ACSP OPTION, THIS UNIT MAY NOT BE POWERED BY A GENERATOR.

SKU # 11602189

NEMA 4 ENCLOSURE

FCC ID: Q8KESMR2W80AN89R

OPERATING TEMPERATURE RANGE: -30°C TO +55°C		G-Wave Solutions	
DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	CONTRACT NO:	TITLE 800/900 MHz BDA	
ANGLES DECIMALS	APPROVALS DATE	BDA-PS8NEPS/PS9-27/27-80-C	
± 1" XX ± .05 XX ± .01 XXX ± .003	DRAWN Sivak 06/14	SIZE	CAGE CODE DWG NO:
TREATMENT	CHECKED	A	BDA-PS8NEPS/PS9-27/27-80-C-1
FINISH 63	ENG. DESIGN ACTIVITY	SCALE None	REV. A
MATERIAL		SHEET 1 OF 1	