

## SSPA based High Power Amplifier



Upcom Technologies' has released a line of high powered amplifiers with SSPA's reliability for the C-Band market. Based on time and field proven technologies and designed with a resilient power supply allowing for reliability even with unstable power sources.

### ADVANTAGES

- Self Contained unit
- Low Maintenance
- Monitoring & Control
- Easy Operation & Deployment
- Very Cost Effective

### APPLICATIONS

- Broadcast
- Broadcast Contribution
- DSNG
- Production Testing
- Data Communications
- SCPC, MCPC, TDMA.

### SPECIFICATIONS

Output Range:	5.850 to 6.425 GHz (others optional)
Output Power at Flange:	400W
Gain Flatness Over Full BW:	+/- 1.0 dB max
Gain Slope over 36MHz:	+/- .3 dB max
Intermodulation:	-25dBc max
Harmonics @ P1dB:	-25dBc max
Spurious @ P1dB:	-60dBc max
Maximum Input Power:	+10dBm
Input VSWR:	1:5:1 max
Output VSWR:	1:5:1 max
RF Connectors:	Input: N-Type Output: CPR137
Control:	RS-422/RS-485
Altitude:	Up to 10,000 ft ( derate 2°C/1,000ft above 3000ft)
Temperature:	Operating Temperature: 0° to 50°C Storage Temperature: -40° to 70°C
Shock and Vibration:	Equal to Mobile Van or Antenna Pedestal
Cooling:	Built-in forced air, rear intake and rear exhaust.
AC Power:	99-125VAC 50/60HZ, 1400VA
Dimensions:	19"W 16"H 19"D @ 110lbs

### KEY FEATURES

- SSPA BASED
- COST EFFECTIVE HIGH POWER
- OUTDOOR AND WEATHERPROOF
- MONITORING & CONTROL SOFTWARE
- REDUNDANCY SWITCHING AVAILABLE
- TWO YEAR FACTORY WARRANTY

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