

## 1KW DTV Transmitter

### Summary

- Frequency : 470 - 862MHz
- Output Power :  $\geq 1.1\text{kW}$ (Output Filter excluded)
- Total Efficiency :  $\geq 20\%$
- Shoulder :  $\leq -40\text{dBc}@ \pm 4.2\text{MHz}$
- Size (W,H,D) : 600\*2000\*900(mm)
- Weight :  $\leq 200\text{kg}$

### Features

#### High Stability and Reliability

- Design and Manufacture Targeting to elongate MTBF
- Excellent Alarm Protection, Digitalized Monitoring System Promoting Accuracy of Detection and Speeding up Protection
- Standardized Manufacture and Quality Control Progress

#### User-friendly

- Concise and Practical Graphic User Interface
- Flexible Remote Control Interface, Such as TCP/IP, RS485, RS232
- Modularized Design, Easy to Maintain

#### Advanced Technology

- Latest Generation LDMOS, Single Transistor with Very High Power Ability
- High AC-to-RF Efficient , above 20%
- Broadband Design, Transmitter Can Work at Any Frequency in UHF
- Adaptive Digital Predistortion Leads to Excellent Linearity

