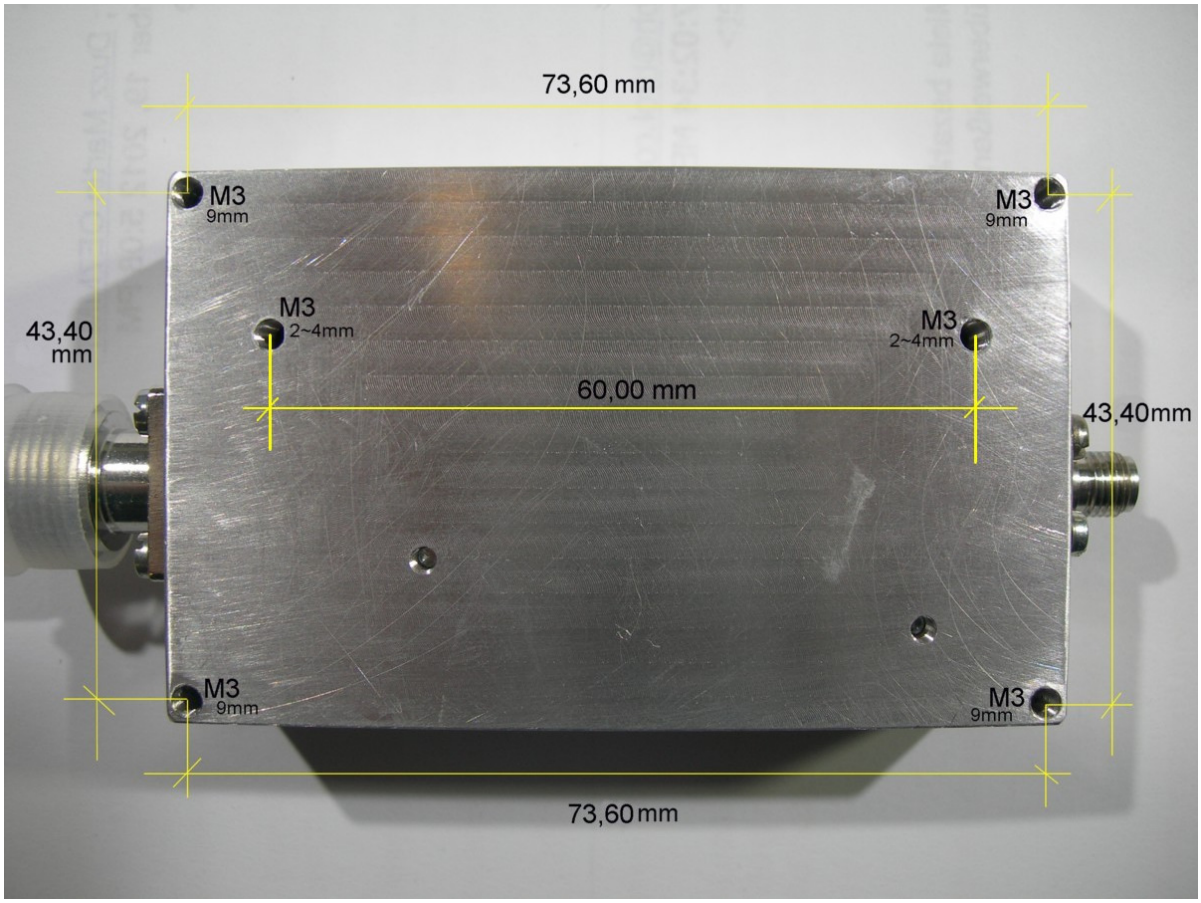
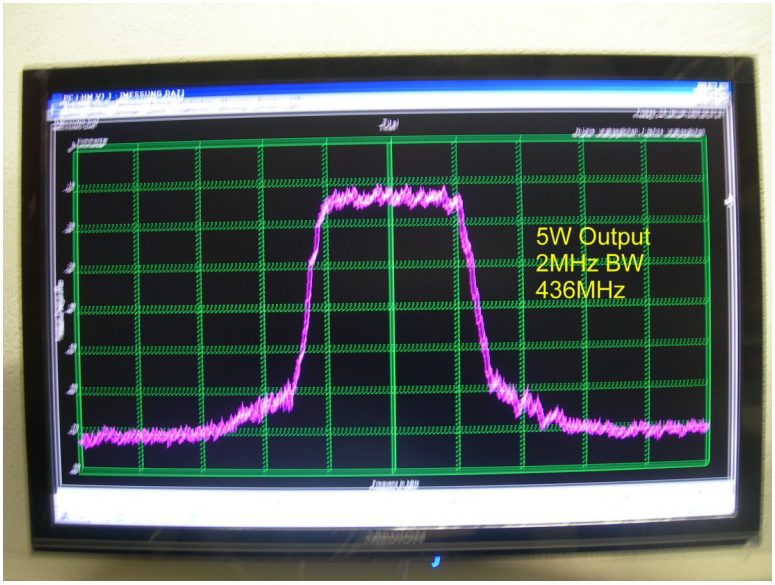
DVB-T / PA 70cm

Messbilder der PA bei 5W 7W 10W.

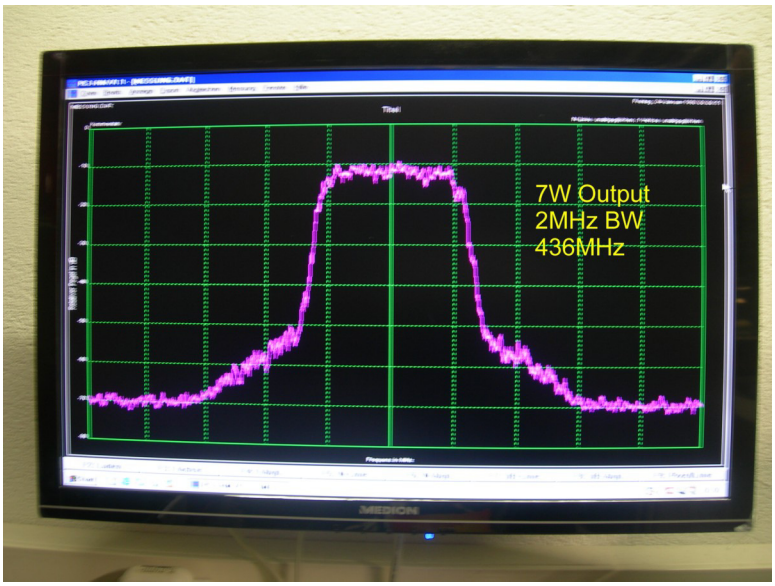
Output HV100EH -7dB Dämpfungsglieder am Eingang, 8dB 6dB und 4dB

PA benötigt unbedingt einen Kühlkörper und Lüfter

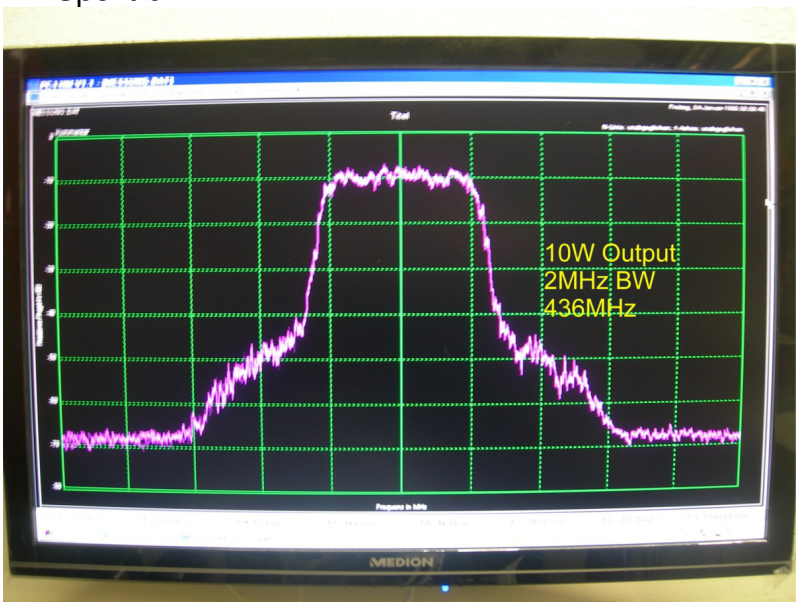




PA Spektrum bei 5W



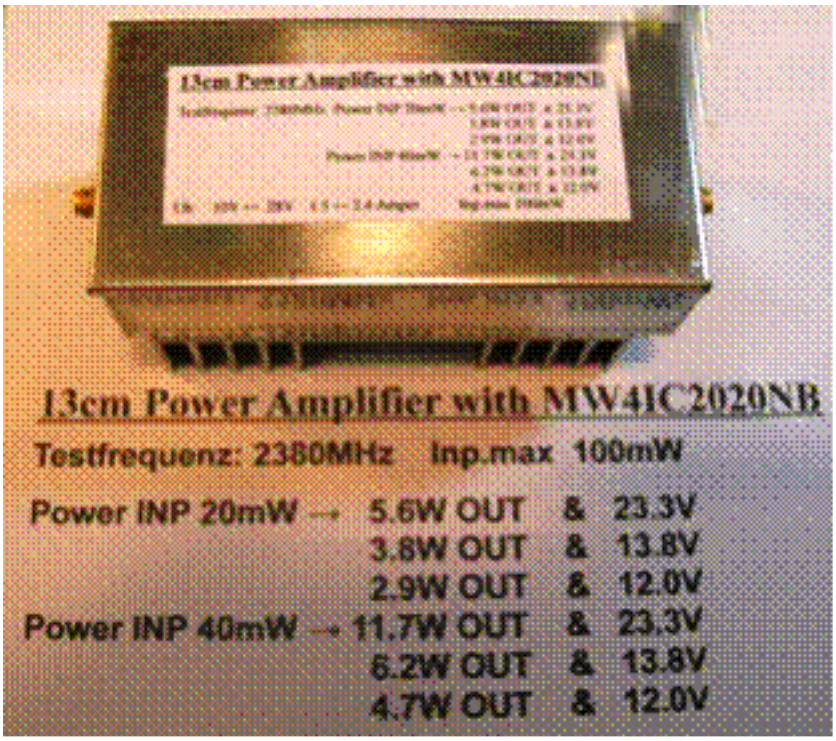
PA Spektrum 7W



PA Spektrum 10W

FM ATV / PA 13cm

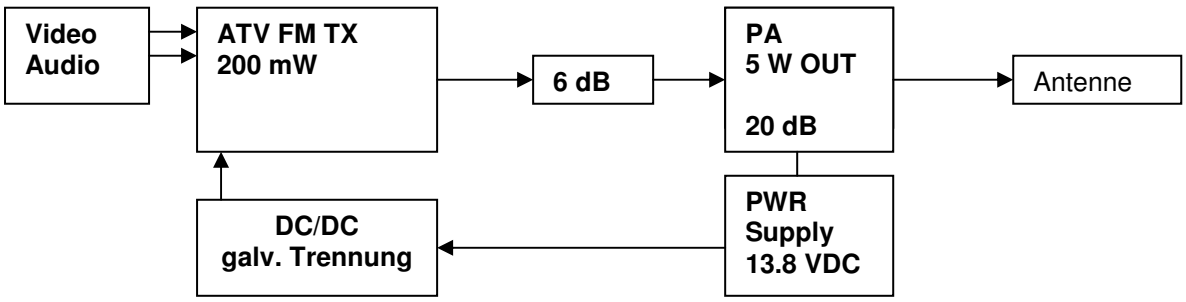
Powermodul	**MW41C2020NB**
Max. Input Power	**100mW**
Betriebsspannung	**12.0 - 23.0 VDC**
Gain	**20 dB max**



DC Power 12 V

Output ATV TX 200mw → 6 dB Attenuator → Eingang PA 50 mW

Output PA 5 W



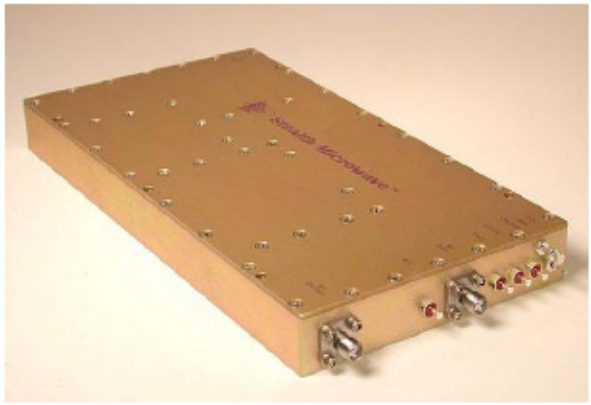
http://www.pollin.de/shop/dt/NTgwNzcyOTk-/Computer_und_Zubehoer/Netzwerktechnik/Wireless_LAN_Router/WiMAX_Sender_Basistation_AIRSPAN_MacroMAX_MMAX_3_6_HF_1.html

Stealth Microwave
INCORPORATED

Model SM3437-43L

3400-3700 MHz
20 Watt Linear Power Amplifier
FOR BWA APPLICATIONS

The **SM3437-43L** is a 3.4 to 3.7 GHz solid state GaAs FET amplifier designed for Broadband Wireless Access markets.Our proprietary pre-distortion technique improves the OIP3 by almost 9 dB. The unit provides ultra-linear performance for rigorous system requirements. It is available in modular form (standard), or in 19" rack mountable form.



Features

- Integrated Linearizer
- Single Power Supply
- Over Voltage Protection
- Thermal Protection with Auto Reset
- Temperature Compensation

Options

- Forward/Reverse Power Detection
- RF Sampling Port
- Pulse Control with 1µs switching speeds for TDD operation
- RF isolation during TDD Rx Cycle
- Logic On/Off Control
- Integral Heatsink

Configurations

- Module
- 19" Rack Mount

Parameter	Specification
Frequency Range	3.4 – 3.7 GHz
Pout (P1dB)	+43 dBm
Output Third Order Intercept Point (OIP3)	+63 dBm
Linear Gain	50 dB ± 1 dB
Gain Flatness (over full band)	± .5 dB
Gain Change (over temperature)	± .5 dB
Input/Output Return Loss	-16 dB / -16dB
DC Input Voltage	+12 Volts
DC Input Current	8.5 Amperes (operational)
Mechanical Dimensions	7.50 x 3.97 x .79 inches
RF Connectors	SMA Female
Operating Temperature	0°C to +55°C
Operating Humidity	95% Non-condensing
Operating Altitude	Up to 10,000 feet above Sea Level