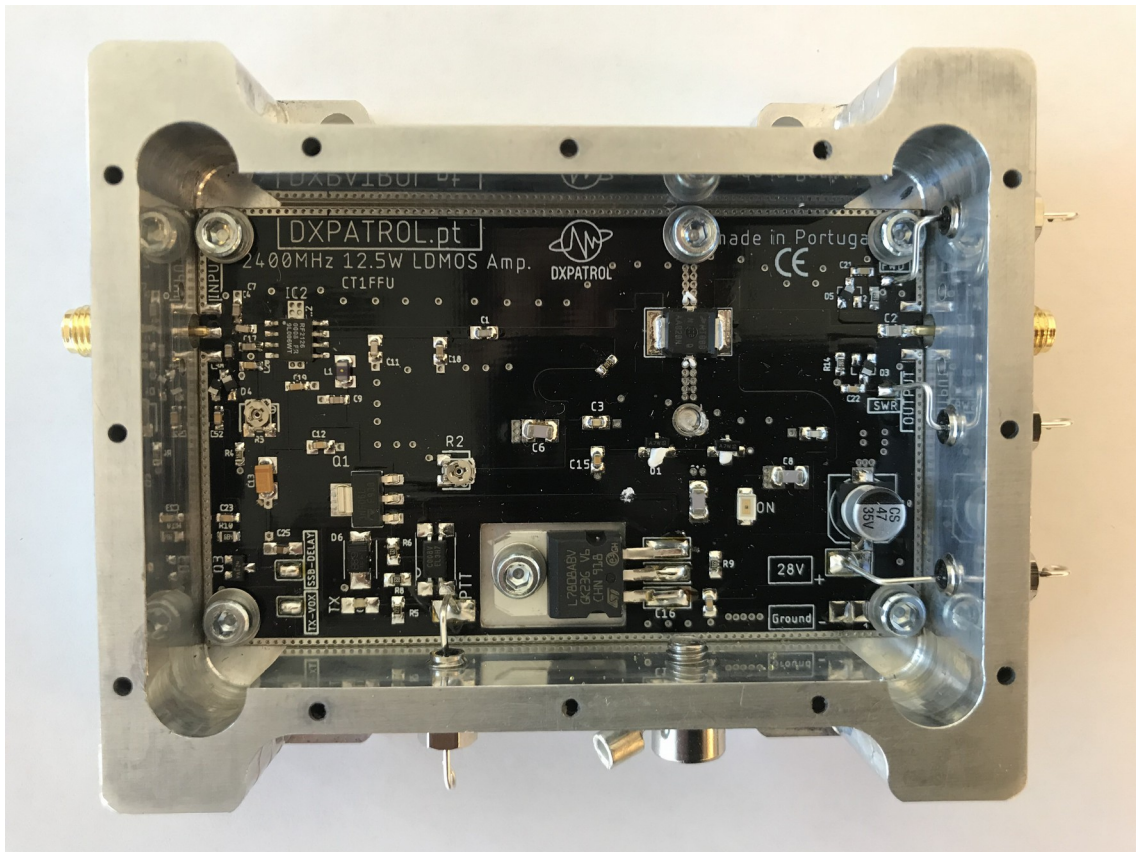


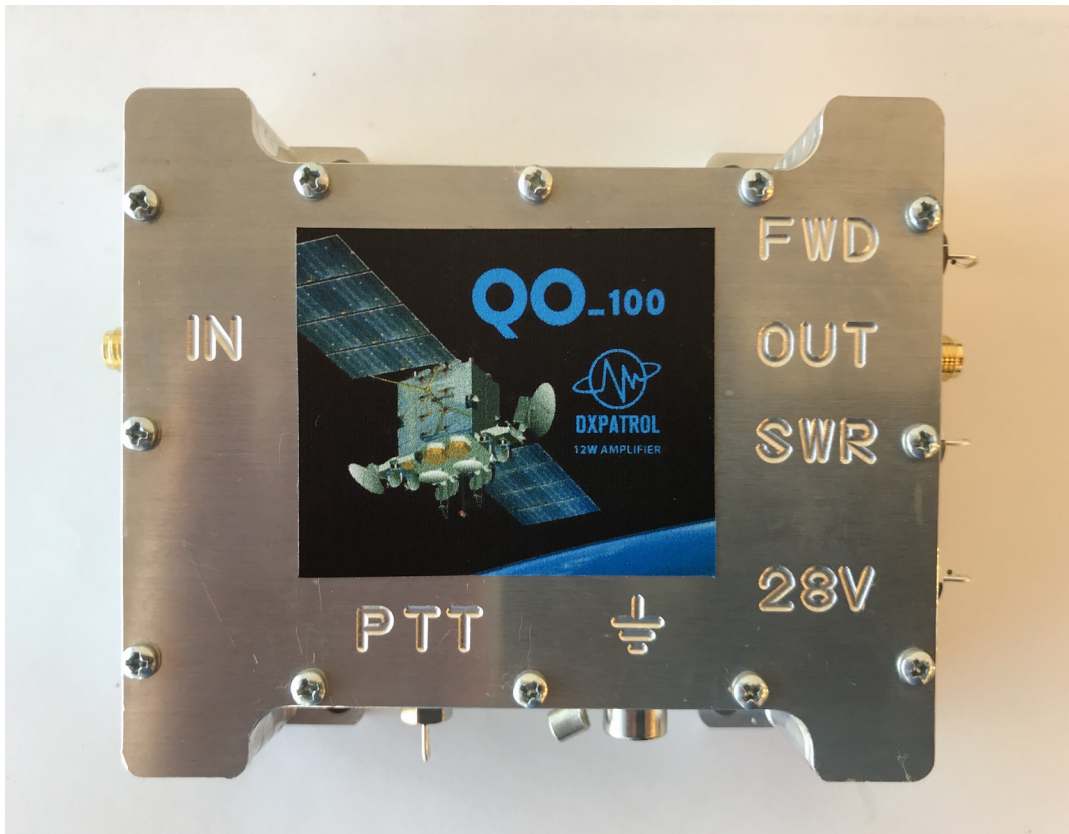
DXPATROL

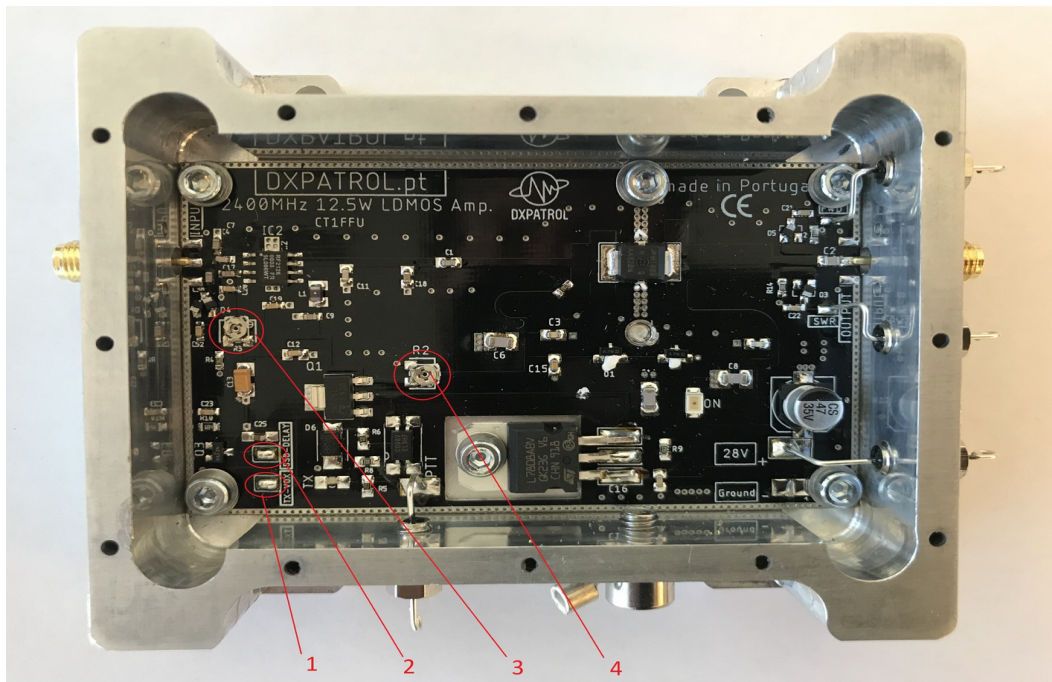
NEW 2400MHz QO-100 Amplifier
Now with Rugged Aluminium Box,
VOX PTT and PWR/SWR readings !



12W 2400MHz Power Amplifier

- LDMos , rugged amplifier with aluminium box
- NXP MHT1008NT1 RF amplifier
- Designed for DXpatrol Upconverter as driver.
- Input 70mW
- Output 12W* (5W if 12V supply)
- Voltage 28V (12V to 28V stepUP converter included)
- Bias current 600mA
- Max current 1,5A
- TX-Ground PTT
- Vox PTT
- SMA connectors
- Feed Trough capacitors
- SWR and POWER meter indication.
- SWR- Input 1:1.3 @ 50 Ohms
- Max VSWR output – 5:1
- Operating Temperature- 40°C to 80°C Max Temperature- 150°C
- LDMOS- MHT1008NT1
- Driver- RF2126
- PWR meter DC 0V to 4V (full power)
- SWR meter DC 1.5V@ SWR 1:1 /~/ 4V @ SWR ∞





- 1- VOX PTT option. (unsolder join to OFF)
- 2- VOX Delay option (unsolder join to OFF)
- 3- IC1 BIAS current set. (do NOT touch unless you know what you doing)
- 4- Ldmos Bias current set. (do NOT touch unless you know what you doing)

Power and SWR functions

- PWR meter DC 0V to 4V (FWD full power)
- SWR meter DC 1.5V@ SWR 1:1 // 4V @ SWR ∞ (Reflected Full Power)

Dxpatrol Amplifier designed by CT1FFU for Dxpatrol. A small, rugged, powerfull and clear amplifier dedicated to UHF DXers or QO-100 operators.

www.dxpatrol.pt