

ANTECH xPAX-75 AMPLIFIER UPGRADE

- Gain improvement
- Technology change for improving output level
- Diplex filter breakpoint change
- Forward path bandwidth extension
- Fully comprehensive test
- Optional refurbishment (PSU, gain stages)
- Optional repairment if needed

GENERAL DESCRIPTION

COMTECH undertakes upgrading amplifiers with integrated diplex filters too. The breakpoint at the Antec PAE/PAL series is changed to 85/105 MHz, while the forward path bandwidth is improved from 750 MHz to 862 MHz. The device can contain an automatic slope and gain control module, the pilot frequency of it can be also modified, while in case of missing module a new module can be built for it, similarly the whole passive alignment module set may be supplied. The reliability of the device is amendable by the refurbishment of the switching mode power supply. The upgrade task contains by default a fully comprehensive test procedure, which concerns not only the modified functions - if necessary, the device is repaired. After this a new label with modified type code and parameter list is stucked on the housing.

TECHNICAL SPECIFICATIONS

Modified parameters	Before upgrade	After upgrade
Solid state technology	Si	GaAs or GaN ⁽¹⁾
Forward path gain [dB]	34	36 ⁽²⁾
Forward path frequency range [MHz]	85...750	105...862
Reverse path frequency range [MHz]	5...65	5...85
Added extra functions	-	ASG

(1) Depending on customer's decision

(2) In case of a realized upgrade, other values are also possible

Contact us for information about further options and possibilities!

Specifications are subject to change without notice!