



Aerial Facilities Limited

R F System Engineering.
Radio Site Engineering.
Tel: +44(0)1494 777000
Fax: +44(0)1494 777002

Aerial House,
Asheridge Road,
Chesham, Buckinghamshire,
England, HP5 2QD

6th June, 2006

TRL Compliance Services Ltd
Long Green
Forthampton
Gloucester
GL19 4QH
UK

REF: **NEO50-1876SERIES**, Declared and reported power.

The Power amplifier used in the unit in the downlink direction is described as a 10W and 5W in the uplink. These amplifiers are used not to produce these levels of power but to ensure good linearity in the multi-carrier environment. It is the third order intercept point we are looking for to ensure the attenuation of unwanted intermodulation products is maximum. In fact the level of each carrier at the output is limited to 28dBm(0.64W) in the downlink and 25dBm(0.32W) in the uplink this is achieved by an individual ALC on each channel.

If you have any further questions or comments do not hesitate to contact me.

Yours faithfully 
For and on behalf

Aerial Facilities Limited

Peter L. Bradfield
Senior Systems Engineer
Tel: +44 1494 777020
Fax +44 1494 777002
peterb@aerial.co.uk