



# 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

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

REF: NEO50-1184800, Declared and reported power.

The Power amplifier used in the unit in the downlink direction is described as a 40W in the uplink as a 20W. 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 21dBm in the downlink and limited to 27dBm in the uplink, this is achieved by an individual ALC per carrier.

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