



# Aerial Facilities Limited

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TRL Compliance Services Ltd  
Long Green  
Forthampton  
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GL19 4QH  
UK

REF: NEO50-1245Series, Declared and reported power.

The Power amplifier used in the unit in the downlink direction is described as a 5W and in the uplink as 1W. 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 in the downlink and 23dBm in the uplink, this is achieved by an individual ALC.

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

Yours faithfully

For and on behalf of

Aerial Facilities Limited

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