



Aerial Facilities Limited

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

REF: NEO50-1181UHF, Declared and reported power.

The Power amplifiers used in the unit in the uplink and downlink direction are described as 10W and 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 27dBm in the uplink and 34dBm in the downlink, 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

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