

7<sup>th</sup> June,2011

TRaC Global 100 Frobisher Business Park Leigh Sinton Road Malvern Worcestershire WR14 1BX UK

REF: NEO60-274801, Declared and reported power.

The Power amplifier used in the unit in the uplink direction is described 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 total composite carrier output at the antenna port is limited to 37dBm (5W) this is achieved by automated level control (ALC).

The amplifier system is designed to work in conjunction with a class A part 90 certified booster.

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

Yours faithfully

For and on behalf

**Axell Wireless Limited** 

Peter L Bradfield

Senior Systems Engineer

Tel: +44 1494 777020 Fax +44 1494 777002 peterb@aerial.co.uk

Fax: + 44 (0) 1494 777002