



25th June, 2013

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

REF: NEO60-240601, Use of signal boosters.

Declared and reported power

The Power amplifier used in the unit in the downlink direction is described as a 20W and 1W 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 total composite carrier output at the antenna port is limited to 37dBm (5W) in the downlink and 0dBm (0.001W) in the uplink this is achieved by automated level control (ALC).

The system is designed to work from a basestation interface fibre feed and an internal distributed antenna system using radiating cables in a confined space environment.

Antenna System

This product meets the requirements of FCC part 90.219. It is intended for use in a confined space tunnel environment acting as a fibre feed line amplifier using combinations of coupling networks, radiating cable or antennas as the downlink antenna and uplink antenna.

If the equipment is used at the maximum rated output power the net gain from the output port of the equipment to the radiated output of any part of the distributed antenna system must not exceed 0dB.

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

Yours faithfully

A handwritten signature in blue ink, appearing to read "Peter L Bradfield".

For and on behalf
Axell Wireless Limited

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