

Robert Parry
TRL EMC Ltd
Long Green
Forthampton
Gloucester
GL19 4QH
United Kingdom

Exhibits 4c and 4d

RE: FCCID: ILPWARFIDHF – Conformance with FCC module criteria

Thursday, July 13, 2000

To Whom It May Concern:

1. The antenna of the A2832-1014-01 module is integral and cannot be replaced with an alternative
2. There is no facility for external modulation/data source on the module. The source of modulation is the on-board microprocessor (U4), whose output is buffered and limited by devices Q4, C36, R64, C33, Q5, U6, C24, R19 and C67 to prevent over-modulation of the transmitted signal.
3. The power supply is regulated on board by the devices U10 (a boost converter), and the linear regulators U2, U5 and U25, together with their associated components.
4. All critical transmitter and receiver circuits, such as the crystal oscillator, power amplifier, mixer, IF stage and demodulator are all shielded with a tin plated copper shield. In addition, the printed circuit board has separate, continuous ground and power planes throughout
5. The module must only be connected to battery powered terminal equipment (as defined in the user instruction manual). Therefore, mains borne emissions tests are not required.

Yours sincerely



Signed on behalf of id Systems Ltd

Robert Brown
Sales and Marketing
robertb@idsys.co.uk