

MODER Magdalena (ENTR)

From: Dave [dave@astromag.co.uk]

Sent: samedi 20 septembre 2003

To: BREFORT Thierry (ENTR)

Subject: Comments on PLC

Dear Mr Brefort

I read with dismay that the EU are considering PLC as a means of distributing data in the belief that it is good for communities to have broadband at low cost. I feel this route will cause radio interference on a level that is totally unacceptable.

The UK Radio Communications Agency (RA) measured interference levels during the PLC trials in Scotland (Crieff) where the background noise floor increased by 20 to 25 dB in the 20 to 26 MHz range and to a lesser extent at lower frequencies. This effect will be made worse by adjacent towns and villages radiating PLC signals.

Reference:

http://www.npl.co.uk/electromagnetic/rfmff/tech-transfer/freemet/meeting_4/trevor_clarkson.pdf

We have all heard of light pollution, something not seen as a problem until it was too late to realistically stop it. I fear the same benign encroachment will occur with PLC, only then will HF communications become history.

The only practical solution is for cable TV to be routed to rural communities, after all, water pipes have been laid to them, what is so difficult about cable for cable TV which carries broadband internet access?

Yours sincerely

Dave Johnson