

MODER Magdalena (ENTR)

From: tim_masson@agilent.com
Sent: jeudi 25 septembre 2003 19:21
To: BREFORT Thierry (ENTR)
Subject: Technical Objection to Power Line based Broadband Carrier systems

Dear M. Brefort,

I am an application engineer and technical consultant employed by Agilent Technologies with specific knowledge and expertise in radio communications systems for radio-telemetry and tele-control. I also have an interest in the development of HF broadcasting using both conventional (analogue) transmissions and also those using Digital Radio Mondiale. I would like to make an objection to the introduction of the proposed Power Line Carrier systems for the delivery of Broadband services.

Of course I understand that Broadband telecommunications is a keystone technology in the development of information services that all Europeans applaud (even those in these Britannic margins). However, I have to object to any support for the adoption of this Power Line technology on the grounds that it will cause serious interference to other, more responsible users of the radio spectrum. In my view there is no excuse to allow any system that is engineered to allow it to generate a significant interference footprint.

Many other competing technologies exist, such a line-of-sight radio links, satellite links, fibre-optic and (properly designed) copper cable links. Even short-range wireless links can delivery the services required without causing any significant interference to existing services or users of the radio spectrum. None of these competing technologies generate ANY similar interference to existing services and none would be acceptable to ANY radio engineer if they were indeed to do so. So why allow crude-conducted systems to generate such a problem.

I specifically object to the way that the proposed PLC systems interfere with the HF bands. HF radio, which delivers world-wide broadcasts, is a rare resource, which in spite of the development of satellite services, delivers broadcast services from all over the world. It is not right to deprive citizens of the EU, from whatever background, from the right and privilege of being able to receive broadcasts services both within the EU and indeed from all over the world.

No, sir, the EU should not allow our airwaves to be so polluted. I urge you to put a halt to this ill-thought-out approach.

Best Regards,

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Please note the views expressed in this communication represent the views of the Author and are not necessarily the views held by Agilent Technologies.