

For Immediate Release

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ITU BS-412 Compliance Implementation Called “Brilliant”**

MUNICH, 10 May 2002 — Omnia-6fm has won the praise of German Telekom for its implementation of the International Telecommunications Union’s BS-412 specification, which sets strict limits on broadcast power.

According to Peter Passian of P + P Nachrichtentechnik (Germany’s representative for Omnia and Telos Systems products), German Telekom’s Media Broadcast/OOP department in Berlin tested three audio processors for BS-412 compliance: the Omnia-6fm, the Orban Optimod-FM 8400 and the IDT DVP FFT audio processor. A carrier deviation of 75 kHz and maximum MPX power of 0dB_r (ITU BS-412) for FM broadcasters is strictly enforced by Germany’s Regulation Authority Reg.d.P.; German Telekom’s specific testing goal was to examine how well the tested processors obeyed this mandate.

“German Telekom considers it essential that users have the ability, once the BS-412 settings are made, to adjust and change processor presets without affecting MPX power and peak deviation settings. Omnia-6fm easily met this criteria; other brands did not,” says Passian.

“The way Omnia-6fm keeps the maximum allowed MPX power and controls peak deviation is brilliant,” said Dipl. Ing. Dieter Krobs of German Telekom.

“Omnia-6fm meets the BS-412 specifications because our team designed it using an innovative algorithm that measures the weighted density (multiplex power) of the signal. Then it adjusts the final processing stage to ensure that the BS-412 requirement is adhered to while continuing to maintain maximum peak deviation,” says Frank Foti, President of Telos Systems/Omnia. “We realized immediately that the ability to keep power and peak deviation within limits regardless of other processing changes would be essential for European broadcasters to stay legal.”

(more)

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Omnia processors are used in 4 of 5 leading stations in New York, 2 of the 3 top stations in Los Angeles and 5 of 6 of the most listened to stations in the US. They are on the leading stations in Paris, all of the BBC's FM stations in the UK, and the number one stations in Canada, Ireland, Germany, Finland, Australia, India, China, Denmark and Sweden. Find out more by browsing www.omniaaudio.com and by visiting Stand 4B21 at the 112th AES Convention in Munich, Germany, May 10th – 13th, 2002.



Omnia-6fm
from Omnia Audio

(You can download a print-quality version of this photo at <ftp://ftp.telos.cc/omnia/pix/Om6xrgb.tif>)

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Telos Systems, with headquarters located in Cleveland, Ohio, and offices in Baltimore, Maryland; San Diego, California; and Freising, Germany is a leading manufacturer of ISDN, digital network and telephone interface products for talk-show programming, call-in radio segments, teleconferencing, audio production, remote broadcasts, and intercom applications.

Omnia, a Telos company, is world-renowned for its innovative digital audio signal processing expertise. Its family of digital audio processors for FM, AM, TV, DAB, Internet, and broadcast audio production are setting new standards for audio quality in the broadcast and Internet industries worldwide.

To find out more about Telos Systems, call +1 (216) 241-7225 or e-mail info@telos-systems.com.