

<http://www.digitalradiotech.co.uk>

Switzerland to Test HD Radio

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Basically, countries have woken up to the fact that DAB in its current form is completely unsuited to what is required of a digital radio system in the 21st century, i.e. it needs to be able to provide high audio quality on a wide range of radio stations, and DAB simply cannot do that, because it is incredibly spectrally inefficient, and there just isn't the spectrum available to provide such a service, and even if the spectrum was available it would be extremely expensive to build and run the number of multiplexes required for such a service.

I think the WorldDAB Technical Committee has to move very fast to incorporate the AAC+ audio codec into the DAB system so that receivers can be built that include the AAC+ codec as soon as possible, because the longer DAB continues to use the MP2 audio codec -- which is by far the main reason why DAB is so inefficient -- the alternative digital radio systems will continue to gain in momentum and more and more countries that had previously supported DAB will look to these vastly superior digital radio systems and reject DAB.

26th September

<http://www.aoruk.com/guide/atom.asp>

2005-09-26

- **HD Radio to be tested in Switzerland**
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Av [Tore Neset](#), tir 27. sep 2005 kl. 10:37

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Det produseres foreløpig ikke HD-mottakere for det europeiske markedet, men sveitserne kan kjøpe amerikanske mottakere. Disse vil fungere fullt ut også utenfor USA.

HD Radio bruker de analoge FM- og AM-nettene til digital kringkasting. Systemet er kompatibelt med vanlig FM, men gir da bare standard FM-kvalitet. For å få digitalt signal trenger du en HD-radio.

Bak systemet står blant andre selskapet [Ibiquity](#).

Kilde:

[BERadio.com](http://beradio.com)

http://beradio.com/currents/radio_currents_091905/index.html#switz

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Based on initial results, subsequent testing could include multicasting supplemental audio channels and synchronous digital broadcasts on some of the station's 12 other boosters and translators. Pending the results of the tests, Radio Sunshine will seek approval from the Office Fédéral de la Communication (OFCOM) for the operational use of HD Radio in Switzerland before year 2010. No new tuners are required; HD Radio tuners currently marketed in the United States will receive HD Radio broadcasts by stations in Switzerland.

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Mountainous terrains and 100 kHz frequency spacing of FM stations there pose unique challenges to digital broadcasts. BE has agreed to supply the HD Radio transmission equipment and technical expertise to begin comprehensive testing, which may occur over a period as long as two years, starting with field-strength measurements of HD Radio broadcasts on Radio Sunshine's main channel. Based on initial results, subsequent testing could include multicasting supplemental audio channels and synchronous digital broadcasts on some of the station's 12 other boosters and translators.

"We've gained a tremendous amount of experience with similar environments in the United States, Latin America and Asia. We are happy to extend our expertise and supply our equipment to determine the potential for HD Radio in Switzerland," said Tim Bealor, BE's Vice President, RF Systems.

"Switzerland provides the ideal environment to assess the performance of HD Radio technology under the most demanding European broadcasting conditions," said Scott Stull, iBiquity's Vice President, Broadcast Business Development. "We deeply appreciate the opportunity to work with Ruoss AG and Broadcast Electronics in demonstrating that the HD Radio system is a practical and beneficial digital radio solution for broadcasters throughout the world."

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(Source: Press release via Mike Barraclough)

posted by Andy @ 16:42 UTC [Comment \(1\)](#) | [Trackback \(0\)](#)
http://medianetwork.blogspot.com/2005_09_25_medianetwork_archive.html
(NETHERLANDS)

<http://www.radiointel.com/oldinthenews.htm>

 **BE, Ibiquity to Test HD Radio in Switzerland**
[\[read the Radio World article\]](#) Sep 25

<http://encoderx.co.uk/news/article.php?id=108597&group=alt.radio.digital>

Re: Switzerland will try HD Radio

[\[Answer\]](#) [\[alt.radio.digital\]](#)

Subject: Re: Switzerland will try HD Radio
From: dab.is@low.quality (DAB sounds worse than FM)
Newsgroups: alt.radio.digital, uk.tech.broadcast
Organization: Virgin Net Usenet Service
Date: Sep 28 2005 09:31:35
Message-ID: <Xpt_e.2554\$0w.1765@newsfe5-gui.ntli.net>
References: [1](#) [2](#)

User-Agent: Microsoft Outlook Express 6.00.2900.2180

DAB is facing trouble wrote:

>> *Nicolas Croiset will be along soon to say that Switzerland isn't
>> really testing HD Radio, it is just a figment of your imagination,
>> and DAB will be the only digital radio system used in Switzerland
>> forever more. ;-)*

>

> *Does not look like either him or any other want to comment this
> surprising news.*

>

> *Maybe they all get heart attack? Americans start to push their
> technology in Europe.... Maybe some kind of lead for DRM Plus.*

Some more info here:

<http://medianetwork.blogspot.com/>

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Steve - www.digitalradiotech.co.uk - Digital Radio News & Info

Man 26 Sep, 2005 12:53 Tittel: Sveits tester **HD Radio**



Utrolig men sant: Første europeiske land skal nå teste **HD Radio** (Det amerikanske digitale radiosystemet):

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<http://www.wohnort.demon.co.uk/DAB/>

October 2nd

The American digital radio system IBOC is to be tested in Europe. The Swiss FM radio station Sunshine Radio will broadcast in simulcast mode (ie analogue and digital signals together) using iBiquity's proprietary "HD Radio" system in the spring next year. If the tests are considered successful, Sunshine Radio intends to seek Swiss regulatory approval for a full service.

<http://www.itavisen.no/services/print.php?articleId=1307197>

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