

Cellnex Telecom and RTVE broadcast opera in 4K Ultra High-Definition

- The signal was broadcast live in Barcelona through channel 22
- This was the first time an opera was produced in 4K in Spain

Barcelona, 22 April 2016. Cellnex Telecom joined forces with the RTVE Chair to enable a live rebroadcast using ultra high-definition technology (4k) of the opera *Parsifal* which is currently showing at the Teatro Real in Madrid. This is the first time an event of this nature has been broadcast using this technology.

The DTT broadcast took place from 19:00 to 00:30 on 21 April from the Collserola Tower broadcast centre, on UHF channel 22, which reaches about 4 million people.

To perform this broadcast, Cellnex Telecom set up a transmitter using DVB-T2, the second-generation Digital Terrestrial Video Broadcasting standard, in the Collserola broadcasting centre.

Broadcasting this opera in 4K was the result of a joint effort between the RTVE Chair and Hispasat, which are working together with Cellnex to promote this technology within the Spanish audiovisual sector, involving all stakeholders in the value chain, from 4K production to manufacturing receivers, and also involving signal transmission.

The broadcasts were viewed at RTVE's studios in Sant Cugat on two Sony 4K TV sets with integrated DVB-T2 tuner (KD75X9405C, KD65X9005C).

Number 1 operator of broadcast infrastructures

Cellnex Telecom is the number 1 operator of broadcast infrastructures in Spain, providing DTT and radio coverage to 99% of the population. The company makes broadcasting services available from more than 3,000 broadcasting centres around Spain, distributing and disseminating multiplexes (MUX) of DTT with national coverage and FM radio signals for local, regional and national public and private broadcasters. It also has the necessary towers and equipment to provide a highly reliable full network operation service with coverage throughout Spain. Cellnex Telecom also works to promote the audiovisual sector, as a certification body for Hybrid DTT, a system that allows the viewer to navigate through the content that broadcasters place on the Internet, from the television receiver.

Likewise, in cooperation with various broadcasters and manufacturers, it is performing pilot tests aimed at promoting the development and implementation of new audiovisual technologies.

The broadcast infrastructure services offered by Cellnex Telecom include: Digital TV (DTT, Premium DTT, hybrid DTT), Radio, Operations and maintenance services, Connectivity, Internet Media, and finally, Engineering and Consulting.

Public and Corporate Affairs Department

Corporate Communication

Tel. +34 935 031 416

comunicacion@cellnextelecom.com



<http://twitter.com/cellnextelecompress>



<http://youtube.com/cellnextelecom>



<http://flicker.com/cellnextelecom>



<http://www.slideshare.net/cellnextelecom>

cellnextelecom.com/prensa

