



Newsletter PMSE the Netherlands, January 2013

Results of the frequency auction

In the frequency auction for mobile telephony and mobile Internet four parties have received permits: Vodafone, KPN, T-Mobile and newcomer Tele2. In the 800 MHz band, the area previously available for PMSE, the three providers Vodafone, KPN and Tele2 have each bought a license for the use of 2 x 10 MHz, with a term of 17 years.

Tele2 - 791-801 MHz paired with 832-842 MHz

Vodafone - 801-811 MHz paired with 842-852 MHz

KPN - 811-821 MHz paired with 852-862 MHz

Other frequencies that were auctioned were in the 900 MHz, 1800 MHz, 1900 MHz, 2100 MHz and 2600 MHz bands. The auction started in October 2012 and was completed in December 2012. Total revenue was € 3.804 billion. More information on the website of Agentschap Telecom.

<http://www.agentschaptelecom.nl/actueel/nieuws/2012/multiband-frequentieverdeling-afgerond>

Hotline frequency disturbance on Facebook

The Dutch PMSE association has created a group on Facebook under the name of PMSE_NL, where users can report frequency disturbances which are a direct consequence of the LTE auction in the 800 MHz band. This group is intended to help and inform each other and is not the official hotline for complaints and failures (for this the website of Agentschap Telecom is the designated place). As the following examples show, recognising this type of failure is quite simple: if a receiver is disturbed by LTE, there will be no reliable connection between transmitter and receiver.

Frequency disturbance on January 3, 2013

The first report of a disturbance in the 800 MHz frequency band in 2013 came from Companion Sound & Vision from Houten. On January 3 Jan-Peter Geertman operated a wireless microphone in the Utrecht region. He noted that at 801.500 MHz no connection between microphone and receiver was made. "I heard a high frequency beep, nothing else." When resetting at 800.000 MHz, the set worked flawless. Since Vodafone has bought the frequencies between 801 and 811 MHz the conclusion may be that they are already testing in the Utrecht region.

Disturbances in december 2012

In the regions of Amsterdam and The Hague the professional broadcasters have experienced already in December 2012 that telecom providers were testing their equipment. In one case the test signal was seen on the scope, in another case the wireless microphone suddenly stopped working during the live transmission of a sporting event. Obviously at that precise moment one of the telecommunication providers started testing on that specific frequency.

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