

# 87 108 Mhz Meaning

## WASH (FM)

*to move to a new band from 88 to 106 MHz, which was later expanded to 88–108 MHz. W3XL, transmitting on 98.9 MHz, was one of the first stations to broadcast*

WASH (97.1 MHz) is a commercial FM radio station owned and operated by iHeartMedia and located in Washington, D.C. Known on-air as "WASH-FM", the station airs an adult contemporary radio format. Studios and offices are on Rockville Pike (Maryland Route 355) in Rockville, Maryland. The station has an effective radiated power (ERP) of 17,500 watts, broadcasting from a tower at 242 metres (794 ft) in height above average terrain (HAAT). The transmitter site is on Chesapeake Street NW off Wisconsin Avenue in the Tenleytown neighborhood of Washington, D.C. With a good radio, WASH coverage extends from Baltimore to Fredericksburg, Virginia.

WASH broadcasts using HD Radio technology. Its HD2 digital subchannel carries the Air1 contemporary Christian music channel from the Educational Media Foundation...

## WFIU

*application specified 42.9 MHz; after the FM band was changed to 88–108 MHz in 1945, IU amended its proposal to specify 91.9 MHz, in the noncommercial reserved*

WFIU (103.7 FM) is a public radio station broadcasting from Indiana University Bloomington (IUB) in Bloomington, Indiana, United States. The station is a member station of NPR, Public Radio International and American Public Media. Together with IUB-owned television station WTIU (channel 30), it is known as Indiana Public Media. Studios are located in the Radio-Television Building on the IUB campus, and the transmitter is located at a site on South Sare Road in Bloomington. Seven translators broadcast WFIU and its second HD Radio subchannel, primarily in areas outside of the main transmitter's coverage area, including Terre Haute and Kokomo.

WFIU was established in 1950 and initially served as a training ground for IUB students. It moved to its present frequency in 1951 and was one of NPR's...

## CBWK-FM

*Radio One station in Thompson, Manitoba. The station broadcasts at 100.9 MHz. The station's studios are located on Selkirk Avenue in Thompson. The station*

CBWK-FM is the callsign of the CBC Radio One station in Thompson, Manitoba. The station broadcasts at 100.9 MHz. The station's studios are located on Selkirk Avenue in Thompson.

## List of WLAN channels

*Radio Management in the 2400 MHz, 5100 MHz and 5800 MHz Frequency Bands] (in Chinese). &quot;????  
??? ???,??????????? ?2019-87?, 2019. 10. 18&quot; [Korea Frequency*

Wireless LAN (WLAN) channels are frequently accessed using IEEE 802.11 protocols. The 802.11 standard provides several radio frequency bands for use in Wi-Fi communications, each divided into a multitude of channels numbered at 5 MHz spacing (except in the 45/60 GHz band, where they are 0.54/1.08/2.16 GHz apart) between the centre frequency of the channel. The standards allow for channels to be bonded together into wider channels for faster throughput.

## CCIR System B

*625-line broadcasting standard in the world. A first 625-line system with a 8 MHz channel bandwidth was proposed at the CCIR Conference in Stockholm in July*

CCIR System B (originally known as the "Gerber Standard") was the 625-line VHF analog broadcast television system which at its peak was adopted by more than one hundred countries, either with PAL or SECAM colour. It is usually associated with CCIR System G for UHF broadcasts.

System B was the first internationally accepted 625-line broadcasting standard in the world. A first 625-line system with a 8 MHz channel bandwidth was proposed at the CCIR Conference in Stockholm in July 1948 (based on 1946-48 studies in the Soviet Union by Mark Krivosheev). At a CCIR Geneva meeting in July 1950 Dr. Gerber (a Swiss engineer), proposed a modified 625-lines system with a 7 MHz channel bandwidth (based on work by Telefunken and Walter Bruch), with the support of Belgium, Denmark, Italy, Netherlands, Sweden...

## WMGF

*2011, the HD2 subchannel began simulcasting on an FM translator at 102.5 MHz. The translator, W273CA, was leased by Clear Channel, calling itself "102*

WMGF (107.7 FM) is a commercial radio station licensed to Mount Dora, and serving Orlando and Central Florida. It is owned by iHeartMedia and airs an adult contemporary radio format, switching to a Christmas music for much of November and December. Its offices and studios are on Maitland Center Parkway in Maitland.

WMGF broadcasts with an effective radiated power (ERP) of 98,000 watts from a transmitter on Miller Road in Orange City, Florida. The station can be heard as far as Jacksonville to the north, as far as Sebastian to the south, and is one of the few Orlando stations that covers Ocala and parts of Gainesville. WMGF broadcasts using HD Radio technology. One digital subchannel airs smooth jazz, informally using the call sign of a past Orlando jazz station, WLOQ. Another subchannel...

## Radio spectrum

*introduction of FM broadcasting. Airband refers to VHF frequencies 108 to 137 MHz, used for navigation and voice communication with aircraft. Trans-oceanic*

The radio spectrum is the part of the electromagnetic spectrum with frequencies from 3 KHz to 3,000 GHz (3 THz). Electromagnetic waves in this frequency range, called radio waves, are widely used in modern technology, particularly in telecommunication. To prevent interference between different users, the generation and transmission of radio waves is strictly regulated by national laws, coordinated by an international body, the International Telecommunication Union (ITU).

Different parts of the radio spectrum are allocated by the ITU for different radio transmission technologies and applications; some 40 radiocommunication services are defined in the ITU's Radio Regulations (RR). In some cases, parts of the radio spectrum are sold or licensed to operators of private radio transmission services...

## Radio in New Zealand

*20 MHz. New Zealand now uses the standard global allocation of 87.5–108 MHz for FM. Today, full-power FM stations use frequencies between 88.6 MHz and*

Radio broadcasting began in New Zealand in 1922, and is now dominated by almost thirty radio networks and station groups. The Government has dominated broadcasting since 1925, but through privatisation and deregulation (in 1989) has allowed commercial talk and music stations to reach large audiences. New Zealand also has several radio stations serving Māori tribes, Pasifika communities, ethnic minorities, evangelical Christians and special interests.

State-owned broadcaster Radio New Zealand reaches the broadest range of listeners with bilingual flagship broadcaster Radio New Zealand National. Several previously state-owned radio brands like top-rating talk station Newstalk ZB are now owned by NZME Radio, which operates eight networks on terrestrial radio and iHeartRadio. Ten radio networks...

Gyromagnetic ratio

$\gamma_{\text{e}} = \frac{\gamma_{\text{e}}}{2\pi} = 28024.9513861(87) \text{ MHz/T}$  The electron gyromagnetic ratio  $\gamma$  (and its  $g$ -factor  $g_{\text{e}}$ ) are in excellent

In physics, the gyromagnetic ratio (also sometimes known as the magnetogyric ratio in other disciplines) of a particle or system is the ratio of its magnetic moment to its angular momentum, and it is often denoted by the symbol  $\gamma$ , gamma. Its SI unit is the reciprocal second per tesla ( $\text{s}^{-1}\text{T}^{-1}$ ) or, equivalently, the coulomb per kilogram ( $\text{C/kg}$ ).

The  $g$ -factor of a particle is a related dimensionless value of the system, derived as the ratio of its gyromagnetic ratio to that which would be classically expected from a rigid body of which the mass and charge are distributed identically, and for which total mass and charge are the same as that of the system.

AM stereo

*which at the time covered only 14 MHz (76-90 MHz), as opposed to the 20.5 MHz used in the rest of the world (87.5-108 MHz). However, it is now quite rare*

AM stereo is a term given to a series of mutually incompatible techniques for radio broadcasting stereo audio in the AM band in a manner that is compatible with standard AM receivers. There are two main classes of systems: independent sideband (ISB) systems, promoted principally by American broadcast engineer Leonard R. Kahn; and quadrature amplitude modulation (QAM) multiplexing systems (conceptually closer to FM stereo).

Initially adopted by many commercial AM broadcasters in the mid to late 1980s, AM stereo broadcasting soon began to decline due to a lack of receivers (most "AM/FM stereo" radios only receive in stereo on FM), a growing exodus of music broadcasters to FM, concentration of ownership of the few remaining stations in the hands of large corporations and the removal of music from...

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