

# How to adjust signal frequency using the bess of a telecom station

This PDF is generated from: <https://www.biolng.com.pl/Tue-02-May-2017-267.html>

Title: How to adjust signal frequency using the bess of a telecom station

Generated on: 2026-05-11 08:02:01

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In urban areas, it's sometimes necessary to add some front end filtering to eliminate reception (or at least reduce it) of MW signals. These signals can cause multiple false signals (often ...

Transmitter Incremental Tuning (XIT) allows you to listen on the transmit frequency of a station working split and automatically transmit up or down in frequency where the DX station is likely listening.

If the radio station you are trying to pick up is on 87.7, then you may not have realized you are actually hearing the remnants of something on television. Buy a TV antenna or set your radio ...

Set the software as instructed in the TNC's manual, being sure to select the correct COM port or serial device the TNC is connected to. Then follow the instructions to calibrate audio drive levels, add ...

Receiving a signal on lower floors or in a basement can be impossible when there are other buildings nearby. Metal walls reduce signal strength, that's why going outside helps.

Tweak the C1 and C2 capacitors, then align the V-shaped antenna until you get the best signal from the desired station. The stereo indicator LED on the FM radio receiver should start ...

Signal to Noise Ratio - the relative power between the signal you are trying to hear (good) and noise/interference (bad)

Turn on your signal generator, enable the internal modulation tone and set the RF output frequency to the radio's IF frequency, (usually 455KHz). Let the generator warm up, preferably for 20 minutes or so.

Carson's rule is an empirical formula used to estimate the bandwidth of a frequency-modulated (FM) signal.

It is best to run a length of feedline to the antenna and set up a testing station, where you take your readings at

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least 1/4 wavelength away. Safety first: NEVER activate your transmitter while anyone or ...

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