

WAHT AM performance measurements results with NRSC measurements
August 11, 2023

NRSC measurements

In accordance with section 73.44 of the current FCC rules. The measurements were performed for radio station WHAT-AM on August 11, 2023.

Both occupied bandwidth and harmonics and AM harmonic radiation measurements were made. All measurements were conducted by Marty Lee, Broadcast Engineer.

Measurements were made by an IFR Spectrum analyzer. The analyzer was configured per section FCC 73.44. For station center frequency at 1560 Khz. Using a standard AM loop antenna.

Measurements were conducted during daytime at standard power of 15KW. WAHT AM 1560 is 15KW daytime and 870W Critical Hours.

Harmonics

Harmonic measurements are made with a Potomac IFM 41 Field intensity meter.

2nd harmonic -83 DB

3rd not detected

Frequency measurements 1560Hz or 2.0 Hz

FCC allowed + or - 20Hz from center carrier frequency.

Harmonic measurements were taken at the 2nd through the 10th harmonic frequencies. All harmonics appear to be below offset limit from the carrier as specified in CFR 15 Part 73.44.

I certify I have contacted the measurements stated above in a manner according to the FCC compliance rules.



Marty Lee, Broadcast
Engineer August 17, 2023