

NRSC II Measurements

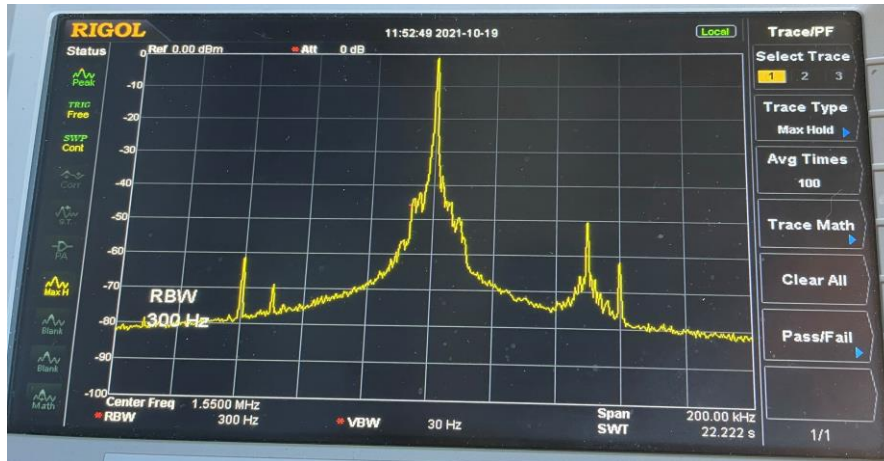
WTHB AM,(Main), Augusta,Georgia

Facility # 15843 5000 Watts @ 1550Khz

October 19, 2021

Measurements were conducted by Earl T Welsh on the analog carrier operating on the station's antenna. The spectrum analyzer used for the measurements was a Rigol DSA815-TG, S/N DSA8A142200387. A vertical whip antenna with no tuning or loading, at 1 kilometer from the station, was used as a signal source.

The 10.2 khz. to 20 khz. measurement was made for 11 minutes with the analyzer adjusted as follows: 20 Khz. Span per division, 300 Hz. Resolution bandwidth, No video filtering, using peak hold mode.



Harmonics 2 to 10 were checked directly.
3100,4650,6200,7750,9300,10850,12400,13950, and 15500

All emissions removed from the carrier by more than 10.2 khz, disregarding other area stations, were found to be lower than the requirements as prescribed by part 73 section 73.44b when referenced to the unmodulated carrier.

10.2 khz to 20 Khz better than 25 db down, 20 khz to 30 Khz better than 35 db down, 30 khz to 60 Khz better than [5+1 db/khz] down, 60 khz to 75 Khz better than 65 db down, Emissions removed by more than 75 Khz better than 70 db down.

This is to certify that I made the following NRSC II measurements on ,October 19, 2021, as required by the FCC part 73.44a for WTHB AM, and that the information contained herein is correct and true to the best of my knowledge and belief.

Earl T Welsh
General Class License PG-6-8201
October 19, 2021