

Power Density Affidavit of Installation Engineer

I, Ronald La Verne Myers, broadcast engineer with over 50 years of experience, hereby affirm that I personally installed the antenna system and transmitting equipment of KJSA, 89.7 MHz, Jonesboro, AR, during the week of March 25, 2013. As of this Good Friday, March 29, 2013, I find the station to be in good working order, ready to begin broadcasting and that all special conditions of the underlying FCC construction permit have been fully met.

After completing installation of the antenna and transmitter, on Friday, March 29, 2013, I made tests and measurements to ascertain if non-ionizing radiation reached the ground.

The lowest element of this BEXT Telecom TFLHO four bay horizontally polarized antenna system is mounted at 9.67 meters above ground level.

After calculating the probable radiation levels using the worst case scenario of the FCC Power Density tool, and then making measurements using a calibrated RF meter, I found that this antenna system **does not** produce non-ionizing radiation in excess of the authorized general public safety standard of 200 uW/cm².

While fencing should not required at this site, as a precautionary measure, primarily to keep potential intruders off of the antenna structure itself, a fence is being installed out to a minimum distance of 5 meters (on the back side) and a maximum of 10 meters (on the front side) of the base of the antenna system.

KJSA pledges to reduce power or to stop transmitting as needed to protect maintenance personnel from receiving unacceptable levels of radiation.

Ron Myers
29 March 2013
Jonesboro, AR